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

DATA PACKAGE

VOLATILE ORGANICS

PROJECT NAME : NAVFAC NWIRP BETHPAGE, NY SITE 1 OU-2 - 32258

AECOM TECHNICAL SERVICES, INC.

13640 Briarwick Drive

Austin, TX - 78729

Phone No: 512-454-4797

ORDER ID : Q1557

ATTENTION : Eleanor Vivadou

Laboratory Certification ID # 20012

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Cover Page

Order ID : Q1557

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

Client : AECOM Technical Services, Inc.

Lab Sample Number	Client Sample Number
Q1557-01	BPOW6-7-20250312
Q1557-02	BPOW6-8-20250312
Q1557-03	BPOW6-9-20250312
Q1557-04	BPOW6-9-20250312MS
Q1557-05	BPOW6-9-20250312MSD
Q1557-06	BPOW6-10-20250312
Q1557-07	BPOW6-11-20250312
Q1557-08	DUP04-20250312

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

Signature : APPROVED
By Nimisha Pandya, QA/QC Supervisor at 10:17 am, Mar 24, 2025

Date: 3/21/2025

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
Chemtech Project # Q1557
Test Name: VOCMS Group1

A. Number of Samples and Date of Receipt:
8 Water samples were received on 03/12/2025.

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 File ID VX045312.D met the requirements except for Carbon Disulfide which is our target compound but failing marginally low, therefore no corrective action taken.
The Tuning criteria met requirements.

E. Additional Comments:
Trip Blank was not provided with this set of samples.
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

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

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

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

Signature_____ **APPROVED**
By Nimisha Pandya, QA/QC Supervisor at 10:17 am, Mar 24, 2025

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DATA REPORTING QUALIFIERS- ORGANIC

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

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

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

CHEMTECH PROJECT NUMBER: Q1557 MATRIX: Water

METHOD: 8260D

		NA	NO	YES
1.	Chromatograms Labeled/Compounds Identified. (Field samples and Method Blanks)			✓
2.	GC/MS Tuning Specifications BFB Meet Criteria (NOTE THAT THERE ARE DIFFERENT CRITERIA FOR NY ASP CLP, CLP AND NJ)			✓
3.	GC/MS Tuning Frequency - Performed every 24 hours for 600 series and 12 hours for 8000 Series.			✓
4.	GC/MS Calibration - Initial Calibration performed before sample analysis and continuing calibration performed within 24 hours of sample analysis for 600 series and 12 hours for 8000 series.			✓
5.	GC/MS Calibration Requirements. The Initial Calibration met the requirements. The Continuous Calibration File ID VX045312.D met the requirements except for Carbon Disulfide which is our target compound but failing marginally low, therefore no corrective action taken.			✓
6.	Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	
7.	Surrogate Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable ranges.			✓
8.	Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable range. The MS recoveries met the requirements for all compounds. The MSD recoveries met the acceptable requirements. The RPD met criteria.			✓
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:

Trip Blank was not provided with this set of samples.

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.

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 10:17 am, Mar 24, 2025

QA REVIEW Date

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q1557

	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: MOHAMMAD AHMED **Date:** 03/21/2025

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LAB CHRONICLE

OrderID:	Q1557	**OrderDate:**	3/12/2025 4:47:00 PM
Client:	AECOM Technical Services, Inc.	**Project:**	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258
Contact:	Eleanor Vivadou	**Location:**	I41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1557-01	**BPOW6-7-20250312**	**Water**			**03/12/25**			**03/12/25**
			VOCMS Group1	8260-Low			03/18/25	
Q1557-02	**BPOW6-8-20250312**	**Water**			**03/12/25**			**03/12/25**
			VOCMS Group1	8260-Low			03/18/25	
Q1557-03	**BPOW6-9-20250312**	**Water**			**03/12/25**			**03/12/25**
			VOCMS Group1	8260-Low			03/18/25	
Q1557-06	**BPOW6-10-20250312**	**Water**			**03/12/25**			**03/12/25**
			VOCMS Group1	8260-Low			03/18/25	
Q1557-07	**BPOW6-11-20250312**	**Water**			**03/12/25**			**03/12/25**
			VOCMS Group1	8260-Low			03/18/25	
Q1557-08	**DUP04-20250312**	**Water**			**03/12/25**			**03/12/25**
			VOCMS Group1	8260-Low			03/18/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1557

Client: AECOM Technical Services, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID:	**BPOW6-7-20250312**								
Q1557-01	BPOW6-7-2025031	Water	Acetone	2.70	J	1.50	3.80	5.00	ug/L
			Total Voc :	2.70					
			Total Concentration:	2.70					
Client ID:	**BPOW6-8-20250312**								
Q1557-02	BPOW6-8-2025031	Water	Acetone	2.40	J	1.50	3.80	5.00	ug/L
			Total Voc :	2.40					
			Total Concentration:	2.40					
Client ID:	**BPOW6-9-20250312**								
Q1557-03	BPOW6-9-2025031	Water	Acetone	1.80	J	1.50	3.80	5.00	ug/L
Q1557-03	BPOW6-9-2025031	Water	Trichloroethene	0.56	J	0.090	0.75	1.00	ug/L
			Total Voc :	2.36					
			Total Concentration:	2.36					
Client ID:	**BPOW6-10-20250312**								
Q1557-06	BPOW6-10-202503	Water	Acetone	1.60	J	1.50	3.80	5.00	ug/L
			Total Voc :	1.60					
			Total Concentration:	1.60					
Client ID:	**BPOW6-11-20250312**								
Q1557-07	BPOW6-11-202503	Water	Acetone	2.20	J	1.50	3.80	5.00	ug/L
			Total Voc :	2.20					
			Total Concentration:	2.20					
Client ID:	**DUP04-20250312**								
Q1557-08	DUP04-20250312	Water	Acetone	2.60	J	1.50	3.80	5.00	ug/L
			Total Voc :	2.60					
			Total Concentration:	2.60					

QC SUMMARY

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Surrogate Summary

SDG No.: Q1557

Client: AECOM Technical Services, Inc.

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q1557-01	BPOW6-7-20250312	1,2-Dichloroethane-d4	50	56.4	113	81	118
		Dibromofluoromethane	50	53.4	107	80	119
		Toluene-d8	50	51.8	104	89	112
		4-Bromofluorobenzene	50	54.3	109	85	114
Q1557-02	BPOW6-8-20250312	1,2-Dichloroethane-d4	50	55.3	111	81	118
		Dibromofluoromethane	50	52.9	106	80	119
		Toluene-d8	50	52.1	104	89	112
		4-Bromofluorobenzene	50	49.7	99	85	114
Q1557-03	BPOW6-9-20250312	1,2-Dichloroethane-d4	50	57.3	115	81	118
		Dibromofluoromethane	50	51.8	104	80	119
		Toluene-d8	50	52.3	105	89	112
		4-Bromofluorobenzene	50	55.1	110	85	114
Q1557-04MS	BPOW6-9-20250312MS	1,2-Dichloroethane-d4	50	56.9	114	81	118
		Dibromofluoromethane	50	53.8	108	80	119
		Toluene-d8	50	52.2	104	89	112
		4-Bromofluorobenzene	50	56.3	112	85	114
Q1557-05MSD	BPOW6-9-20250312MSD	1,2-Dichloroethane-d4	50	52.2	104	81	118
		Dibromofluoromethane	50	49.6	99	80	119
		Toluene-d8	50	48.6	97	89	112
		4-Bromofluorobenzene	50	54.2	108	85	114
Q1557-06	BPOW6-10-20250312	1,2-Dichloroethane-d4	50	56.6	113	81	118
		Dibromofluoromethane	50	51.5	103	80	119
		Toluene-d8	50	51.6	103	89	112
		4-Bromofluorobenzene	50	53.7	107	85	114
Q1557-07	BPOW6-11-20250312	1,2-Dichloroethane-d4	50	56.5	113	81	118
		Dibromofluoromethane	50	52.0	104	80	119
		Toluene-d8	50	50.9	102	89	112
		4-Bromofluorobenzene	50	50.7	101	85	114
Q1557-08	DUP04-20250312	1,2-Dichloroethane-d4	50	57.5	115	81	118
		Dibromofluoromethane	50	52.2	104	80	119
		Toluene-d8	50	51.1	102	89	112
		4-Bromofluorobenzene	50	55.3	111	85	114
VX0318WBL01	VX0318WBL01	1,2-Dichloroethane-d4	50	56.3	113	81	118
		Dibromofluoromethane	50	54.0	108	80	119
		Toluene-d8	50	52.3	105	89	112
		4-Bromofluorobenzene	50	52.2	104	85	114
VX0318WBS01	VX0318WBS01	1,2-Dichloroethane-d4	50	53.2	106	81	118
		Dibromofluoromethane	50	52.9	106	80	119
		Toluene-d8	50	51.2	102	89	112
		4-Bromofluorobenzene	50	54.1	108	85	114

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1557

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 : Q1557-04MS		**Client Sample ID : BPOW6-9-20250312MS**						**Datafile :** VX045336.D			
Dichlorodifluoromethane	50	0	50.6	ug/L	101				32	152	
Chloromethane	50	0	47.6	ug/L	95				50	139	
Vinyl chloride	50	0	44.6	ug/L	89				58	137	
Bromomethane	50	0	46.5	ug/L	93				53	141	
Chloroethane	50	0	45.0	ug/L	90				60	138	
Trichlorofluoromethane	50	0	48.8	ug/L	98				65	141	
1,1,2-Trichlorotrifluoroethane	50	0	55.8	ug/L	112				70	136	
1,1-Dichloroethene	50	0	51.2	ug/L	102				71	131	
Acetone	250	1.80	270	ug/L	107				39	160	
Carbon disulfide	50	0	40.0	ug/L	80				64	133	
Methyl tert-butyl Ether	50	0	52.8	ug/L	106				71	124	
Methyl Acetate	50	0	59.1	ug/L	118				56	136	
Methylene Chloride	50	0	50.6	ug/L	101				74	124	
trans-1,2-Dichloroethene	50	0	51.6	ug/L	103				75	124	
1,1-Dichloroethane	50	0	52.9	ug/L	106				77	125	
Cyclohexane	50	0	51.1	ug/L	102				71	130	
2-Butanone	250	0	270	ug/L	108				56	143	
Carbon Tetrachloride	50	0	51.7	ug/L	103				72	136	
cis-1,2-Dichloroethene	50	0	52.8	ug/L	106				78	123	
Bromochloromethane	50	0	51.6	ug/L	103				78	123	
Chloroform	50	0	55.1	ug/L	110				79	124	
1,1,1-Trichloroethane	50	0	54.1	ug/L	108				74	131	
Methylcyclohexane	50	0	51.9	ug/L	104				72	132	
Benzene	50	0	51.4	ug/L	103				79	120	
1,2-Dichloroethane	50	0	56.1	ug/L	112				73	128	
Trichloroethene	50	0.56	49.9	ug/L	99				79	123	
1,2-Dichloropropane	50	0	51.9	ug/L	104				78	122	
Bromodichloromethane	50	0	53.9	ug/L	108				79	125	
4-Methyl-2-Pentanone	250	0	280	ug/L	112				67	130	
Toluene	50	0	52.9	ug/L	106				80	121	
t-1,3-Dichloropropene	50	0	53.4	ug/L	107				73	127	
cis-1,3-Dichloropropene	50	0	52.8	ug/L	106				75	124	
1,1,2-Trichloroethane	50	0	53.4	ug/L	107				80	119	
2-Hexanone	250	0	280	ug/L	112				57	139	
Dibromochloromethane	50	0	53.3	ug/L	107				74	126	
1,2-Dibromoethane	50	0	52.5	ug/L	105				77	121	
Tetrachloroethene	50	0	50.2	ug/L	100				74	129	
Chlorobenzene	50	0	51.9	ug/L	104				82	118	
Ethyl Benzene	50	0	53.0	ug/L	106				79	121	
m/p-Xylenes	100	0	100	ug/L	100				80	121	
o-Xylene	50	0	52.1	ug/L	104				78	122	
Styrene	50	0	54.8	ug/L	110				78	123	
Bromoform	50	0	51.9	ug/L	104				66	130	
Isopropylbenzene	50	0	51.6	ug/L	103				72	131	
1,1,2,2-Tetrachloroethane	50	0	50.7	ug/L	101				71	121	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1557

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	51.5	ug/L	103				80	119	
1,4-Dichlorobenzene	50	0	50.8	ug/L	102				79	118	
1,2-Dichlorobenzene	50	0	52.5	ug/L	105				80	119	
1,2-Dibromo-3-Chloropropane	50	0	52.6	ug/L	105				62	128	
1,2,4-Trichlorobenzene	50	0	52.1	ug/L	104				69	130	
1,2,3-Trichlorobenzene	50	0	53.3	ug/L	107				69	129	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1557

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 : Q1557-05MSD	**Client Sample ID :** BPOW6-9-20250312MSD							**Datafile :** VX045337.D			
Dichlorodifluoromethane	50	0	50.0	ug/L	100		1		32	152	20
Chloromethane	50	0	48.5	ug/L	97		2		50	139	20
Vinyl chloride	50	0	43.8	ug/L	88		2		58	137	20
Bromomethane	50	0	50.0	ug/L	100		7		53	141	20
Chloroethane	50	0	52.2	ug/L	104		15		60	138	20
Trichlorofluoromethane	50	0	50.3	ug/L	101		3		65	141	20
1,1,2-Trichlorotrifluoroethane	50	0	55.8	ug/L	112		0		70	136	20
1,1-Dichloroethene	50	0	50.9	ug/L	102		1		71	131	20
Acetone	250	1.80	270	ug/L	107		0		39	160	20
Carbon disulfide	50	0	41.6	ug/L	83		4		64	133	20
Methyl tert-butyl Ether	50	0	54.8	ug/L	110		4		71	124	20
Methyl Acetate	50	0	60.7	ug/L	121		3		56	136	20
Methylene Chloride	50	0	51.9	ug/L	104		3		74	124	20
trans-1,2-Dichloroethene	50	0	51.7	ug/L	103		0		75	124	20
1,1-Dichloroethane	50	0	54.1	ug/L	108		2		77	125	20
Cyclohexane	50	0	51.7	ug/L	103		1		71	130	20
2-Butanone	250	0	280	ug/L	112		4		56	143	20
Carbon Tetrachloride	50	0	54.6	ug/L	109		5		72	136	20
cis-1,2-Dichloroethene	50	0	53.6	ug/L	107		2		78	123	20
Bromochloromethane	50	0	52.7	ug/L	105		2		78	123	20
Chloroform	50	0	55.5	ug/L	111		1		79	124	20
1,1,1-Trichloroethane	50	0	56.1	ug/L	112		4		74	131	20
Methylcyclohexane	50	0	53.9	ug/L	108		4		72	132	20
Benzene	50	0	52.4	ug/L	105		2		79	120	20
1,2-Dichloroethane	50	0	57.5	ug/L	115		2		73	128	20
Trichloroethene	50	0.56	52.0	ug/L	103		4		79	123	20
1,2-Dichloropropane	50	0	52.3	ug/L	105		1		78	122	20
Bromodichloromethane	50	0	56.6	ug/L	113		5		79	125	20
4-Methyl-2-Pentanone	250	0	290	ug/L	116		4		67	130	20
Toluene	50	0	54.9	ug/L	110		4		80	121	20
t-1,3-Dichloropropene	50	0	55.6	ug/L	111		4		73	127	20
cis-1,3-Dichloropropene	50	0	55.0	ug/L	110		4		75	124	20
1,1,2-Trichloroethane	50	0	55.6	ug/L	111		4		80	119	20
2-Hexanone	250	0	300	ug/L	120		7		57	139	20
Dibromochloromethane	50	0	57.3	ug/L	115		7		74	126	20
1,2-Dibromoethane	50	0	55.5	ug/L	111		6		77	121	20
Tetrachloroethene	50	0	50.7	ug/L	101		1		74	129	20
Chlorobenzene	50	0	53.7	ug/L	107		3		82	118	20
Ethyl Benzene	50	0	54.9	ug/L	110		4		79	121	20
m/p-Xylenes	100	0	110	ug/L	110		10		80	121	20
o-Xylene	50	0	54.2	ug/L	108		4		78	122	20
Styrene	50	0	57.4	ug/L	115		5		78	123	20
Bromoform	50	0	56.3	ug/L	113		8		66	130	20
Isopropylbenzene	50	0	54.1	ug/L	108		5		72	131	20
1,1,2,2-Tetrachloroethane	50	0	53.2	ug/L	106		5		71	121	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1557

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	54.2	ug/L	108		5		80	119	20
1,4-Dichlorobenzene	50	0	53.1	ug/L	106		4		79	118	20
1,2-Dichlorobenzene	50	0	54.2	ug/L	108		3		80	119	20
1,2-Dibromo-3-Chloropropane	50	0	56.0	ug/L	112		6		62	128	20
1,2,4-Trichlorobenzene	50	0	55.3	ug/L	111		6		69	130	20
1,2,3-Trichlorobenzene	50	0	54.0	ug/L	108		1		69	129	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1557

Client: AECOM Technical Services, Inc.

Analytical Method: SW8260-Low **Datafile :** VX045315.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0318WBS01	Dichlorodifluoromethane	20	18.6	ug/L	93			32	152	
	Chloromethane	20	16.7	ug/L	84			50	139	
	Vinyl chloride	20	15.9	ug/L	79			58	137	
	Bromomethane	20	18.2	ug/L	91			53	141	
	Chloroethane	20	20.3	ug/L	102			60	138	
	Trichlorofluoromethane	20	18.6	ug/L	93			65	141	
	1,1,2-Trichlorotrifluoroethane	20	20.8	ug/L	104			70	136	
	1,1-Dichloroethene	20	18.5	ug/L	93			71	131	
	Acetone	100	99.4	ug/L	99			39	160	
	Carbon disulfide	20	14.6	ug/L	73			64	133	
	Methyl tert-butyl Ether	20	19.8	ug/L	99			71	124	
	Methyl Acetate	20	24.5	ug/L	123			56	136	
	Methylene Chloride	20	18.8	ug/L	94			74	124	
	trans-1,2-Dichloroethene	20	18.7	ug/L	94			75	124	
	1,1-Dichloroethane	20	19.7	ug/L	99			77	125	
	Cyclohexane	20	18.6	ug/L	93			71	130	
	2-Butanone	100	100	ug/L	100			56	143	
	Carbon Tetrachloride	20	19.7	ug/L	99			72	136	
	cis-1,2-Dichloroethene	20	19.6	ug/L	98			78	123	
	Bromochloromethane	20	21.8	ug/L	109			78	123	
	Chloroform	20	20.5	ug/L	103			79	124	
	1,1,1-Trichloroethane	20	20.0	ug/L	100			74	131	
	Methylcyclohexane	20	19.8	ug/L	99			72	132	
	Benzene	20	19.7	ug/L	99			79	120	
	1,2-Dichloroethane	20	21.3	ug/L	106			73	128	
	Trichloroethene	20	18.9	ug/L	95			79	123	
	1,2-Dichloropropane	20	19.8	ug/L	99			78	122	
	Bromodichloromethane	20	20.6	ug/L	103			79	125	
	4-Methyl-2-Pentanone	100	110	ug/L	110			67	130	
	Toluene	20	20.5	ug/L	103			80	121	
	t-1,3-Dichloropropene	20	20.4	ug/L	102			73	127	
	cis-1,3-Dichloropropene	20	21.2	ug/L	106			75	124	
	1,1,2-Trichloroethane	20	20.5	ug/L	103			80	119	
	2-Hexanone	100	110	ug/L	110			57	139	
	Dibromochloromethane	20	20.3	ug/L	102			74	126	
	1,2-Dibromoethane	20	20.4	ug/L	102			77	121	
	Tetrachloroethene	20	20.0	ug/L	100			74	129	
	Chlorobenzene	20	19.9	ug/L	100			82	118	
	Ethyl Benzene	20	20.3	ug/L	102			79	121	
	m/p-Xylenes	40	41.2	ug/L	103			80	121	
	o-Xylene	20	20.1	ug/L	101			78	122	
	Styrene	20	20.9	ug/L	104			78	123	
	Bromoform	20	20.0	ug/L	100			66	130	
	Isopropylbenzene	20	21.0	ug/L	105			72	131	
	1,1,2,2-Tetrachloroethane	20	20.2	ug/L	101			71	121	
	1,3-Dichlorobenzene	20	20.2	ug/L	101			80	119	
	1,4-Dichlorobenzene	20	19.9	ug/L	100			79	118	
	1,2-Dichlorobenzene	20	20.5	ug/L	103			80	119	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1557

Client: AECOM Technical Services, Inc.

Analytical Method: SW8260-Low **Datafile :** VX045315.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0318WBS01	1,2-Dibromo-3-Chloropropane	20	20.1	ug/L	101			62	128	
	1,2,4-Trichlorobenzene	20	19.7	ug/L	99			69	130	
	1,2,3-Trichlorobenzene	20	19.7	ug/L	99			69	129	

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX0318WBL01

Lab Name: CHEMTECH Contract: AECO15

Lab Code: CHEM Case No.: Q1557 SAS No.: Q1557 SDG NO.: Q1557

Lab File ID: VX045314.D Lab Sample ID: VX0318WBL01

Date Analyzed: 03/18/2025 Time Analyzed: 10:53

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
VX0318WBS01	VX0318WBS01	VX045315.D	03/18/2025
BPOW6-7-20250312	Q1557-01	VX045324.D	03/18/2025
BPOW6-8-20250312	Q1557-02	VX045325.D	03/18/2025
BPOW6-10-20250312	Q1557-06	VX045326.D	03/18/2025
BPOW6-11-20250312	Q1557-07	VX045327.D	03/18/2025
DUP04-20250312	Q1557-08	VX045328.D	03/18/2025
BPOW6-9-20250312	Q1557-03	VX045335.D	03/18/2025
BPOW6-9-20250312MS	Q1557-04MS	VX045336.D	03/18/2025
BPOW6-9-20250312MSD	Q1557-05MSD	VX045337.D	03/18/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: AECO15

Lab Code: CHEM Case No.: Q1557 SAS No.: Q1557 SDG NO.: Q1557

Lab File ID: VX045067.D BFB Injection Date: 02/28/2025

Instrument ID: MSVOA_X BFB Injection Time: 01:03

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.7
75	30.0 - 60.0% of mass 95	53.6
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.7 (1) 1
174	50.0 - 100.0% of mass 95	73.8
175	5.0 - 9.0% of mass 174	5.8 (7.9) 1
176	95.0 - 101.0% of mass 174	70.6 (95.6) 1
177	5.0 - 9.0% of mass 176	4.3 (6.2) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC001	VSTDICC001	VX045068.D	02/28/2025	01:27
VSTDICC005	VSTDICC005	VX045069.D	02/28/2025	02:13
VSTDICC020	VSTDICC020	VX045070.D	02/28/2025	02:37
VSTDICCC050	VSTDICCC050	VX045071.D	02/28/2025	03:00
VSTDICC100	VSTDICC100	VX045072.D	02/28/2025	03:23
VSTDICC150	VSTDICC150	VX045073.D	02/28/2025	03:47

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: AECO15

Lab Code: CHEM Case No.: Q1557 SAS No.: Q1557 SDG NO.: Q1557

Lab File ID: VX045311.D BFB Injection Date: 03/18/2025

Instrument ID: MSVOA_X BFB Injection Time: 09:33

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	22.5
75	30.0 - 60.0% of mass 95	54.6
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	1 (1.4) 1
174	50.0 - 100.0% of mass 95	70.3
175	5.0 - 9.0% of mass 174	5.5 (7.9) 1
176	95.0 - 101.0% of mass 174	67.9 (96.5) 1
177	5.0 - 9.0% of mass 176	4.4 (6.6) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX045312.D	03/18/2025	10:02
VX0318WBL01	VX0318WBL01	VX045314.D	03/18/2025	10:53
VX0318WBS01	VX0318WBS01	VX045315.D	03/18/2025	11:16
BPOW6-7-20250312	Q1557-01	VX045324.D	03/18/2025	14:51
BPOW6-8-20250312	Q1557-02	VX045325.D	03/18/2025	15:14
BPOW6-10-20250312	Q1557-06	VX045326.D	03/18/2025	15:38
BPOW6-11-20250312	Q1557-07	VX045327.D	03/18/2025	16:01
DUP04-20250312	Q1557-08	VX045328.D	03/18/2025	16:24
BPOW6-9-20250312	Q1557-03	VX045335.D	03/18/2025	19:07
BPOW6-9-20250312MS	Q1557-04MS	VX045336.D	03/18/2025	19:30
BPOW6-9-20250312MSD	Q1557-05MSD	VX045337.D	03/18/2025	19:53
VSTDCCC050EC	VSTDCCC050	VX045338.D	03/18/2025	20:16

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: AECO15

Lab Code: CHEM Case No.: Q1557 SAS No.: Q1557 SDG NO.: Q1557

Lab File ID: VX045312.D Date Analyzed: 03/18/2025

Instrument ID: MSVOA_X Time Analyzed: 10:02

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	99818	5.54	175808	6.76	151375	10.05
UPPER LIMIT	199636	6.044	351616	7.257	302750	10.549
LOWER LIMIT	49909	5.044	87904	6.257	75687.5	9.549
EPA SAMPLE NO.						
BPOW6-7-20250312	65133	5.54	128210	6.76	121488	10.05
BPOW6-8-20250312	68534	5.54	133626	6.76	117226	10.06
BPOW6-9-20250312	65451	5.54	129872	6.76	120395	10.05
BPOW6-9-20250312MS	81809	5.54	150929	6.76	133572	10.05
BPOW6-9-20250312MSD	82090	5.55	149330	6.76	133072	10.05
BPOW6-10-20250312	66603	5.54	131278	6.76	120528	10.05
BPOW6-11-20250312	71499	5.55	141297	6.76	127382	10.06
DUP04-20250312	65075	5.55	128881	6.76	118997	10.05
VX0318WBL01	66984	5.54	130552	6.76	117786	10.05
VX0318WBS01	101216	5.55	179978	6.76	159085	10.05

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

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: AECO15

Lab Code: CHEM Case No.: Q1557 SAS No.: Q1557 SDG NO.: Q1557

Lab File ID: VX045312.D Date Analyzed: 03/18/2025

Instrument ID: MSVOA_X Time Analyzed: 10:02

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

	IS4 AREA #	RT #				
12 HOUR STD	71356	12.018				
UPPER LIMIT	142712	12.518				
LOWER LIMIT	35678	11.518				
EPA SAMPLE NO.						
BPOW6-7-20250312	49784	12.02				
BPOW6-8-20250312	43938	12.02				
BPOW6-9-20250312	50347	12.02				
BPOW6-9-20250312MS	61705	12.02				
BPOW6-9-20250312MSD	61175	12.02				
BPOW6-10-20250312	51968	12.02				
BPOW6-11-20250312	50993	12.02				
DUP04-20250312	48990	12.02				
VX0318WBL01	46358	12.02				
VX0318WBS01	70581	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

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Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	03/12/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	03/12/25
Client Sample ID:	BPOW6-7-20250312	SDG No.:	Q1557
Lab Sample ID:	Q1557-01	Matrix:	Water
Analytical Method:	SW8260	% 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
VX045324.D	1		03/18/25 14:51	VX031825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.50	U	0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	0.50	U	0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	3.80	U	1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	0.75	U	0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.75	U	0.23	0.75	1.00	ug/L
67-64-1	Acetone	2.70	J	1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.75	U	0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	0.75	U	0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	2.50	U	1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	2.50	U	0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	1.00	ug/L
67-66-3	Chloroform	0.50	U	0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.16	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.68	2.50	5.00	ug/L
108-88-3	Toluene	0.50	U	0.14	0.50	1.00	ug/L

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Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	03/12/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	03/12/25
Client Sample ID:	BPOW6-7-20250312	SDG No.:	Q1557
Lab Sample ID:	Q1557-01	Matrix:	Water
Analytical Method:	SW8260	% 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
VX045324.D	1		03/18/25 14:51	VX031825

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	56.4		81 - 118		113%	SPK: 50
1868-53-7	Dibromofluoromethane	53.4		80 - 119		107%	SPK: 50
2037-26-5	Toluene-d8	51.8		89 - 112		104%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.3		85 - 114		109%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	65100	5.544				
540-36-3	1,4-Difluorobenzene	128000	6.757				
3114-55-4	Chlorobenzene-d5	121000	10.049				
3855-82-1	1,4-Dichlorobenzene-d4	49800	12.018				

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:	03/12/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	03/12/25
Client Sample ID:	BPOW6-7-20250312	SDG No.:	Q1557
Lab Sample ID:	Q1557-01	Matrix:	Water
Analytical Method:	SW8260	% 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
VX045324.D	1		03/18/25 14:51	VX031825

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\VX031825\
Data File : VX045324.D
Acq On : 18 Mar 2025 14:51
Operator : JC/MD
Sample : Q1557-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-7-20250312

Quant Time: Mar 19 01:45:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

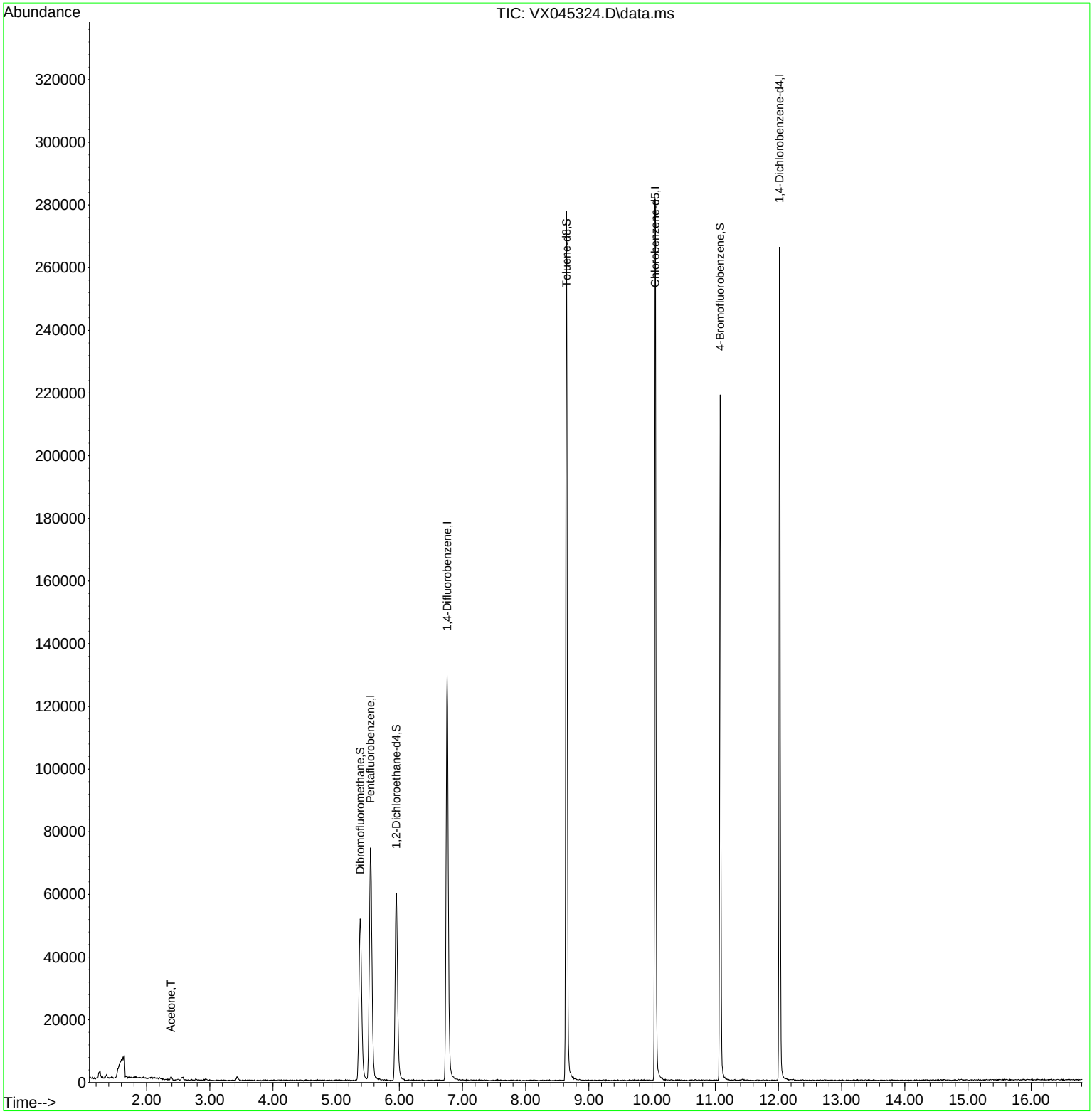
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	65133	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	128210	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	121488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49784	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	58432	56.400	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.800%			
35) Dibromofluoromethane	5.379	113	45794	53.416	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.840%			
50) Toluene-d8	8.647	98	161091	51.830	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.660%			
62) 4-Bromofluorobenzene	11.079	95	55924	54.300	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.600%			
Target Compounds						Qvalue
16) Acetone	2.386	43	1294	2.692	ug/l #	79

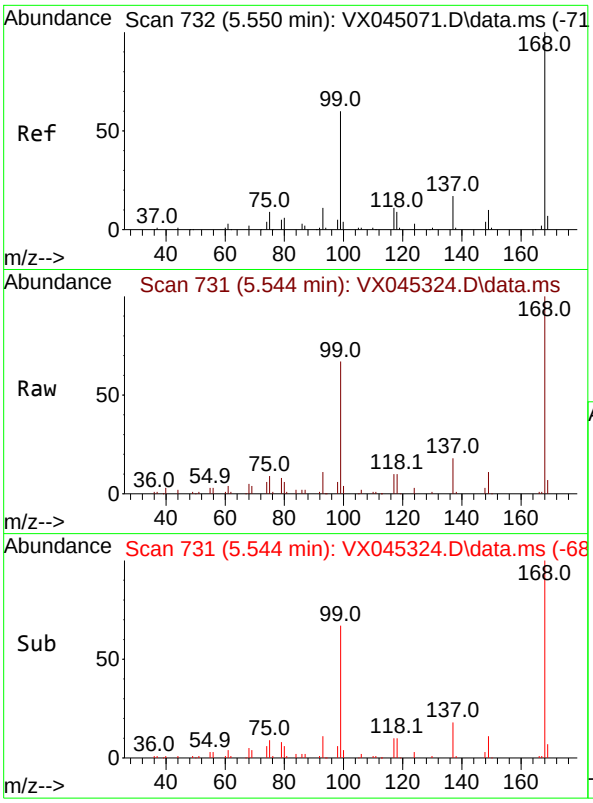
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045324.D
Acq On : 18 Mar 2025 14:51
Operator : JC/MD
Sample : Q1557-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-7-20250312

Quant Time: Mar 19 01:45:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration



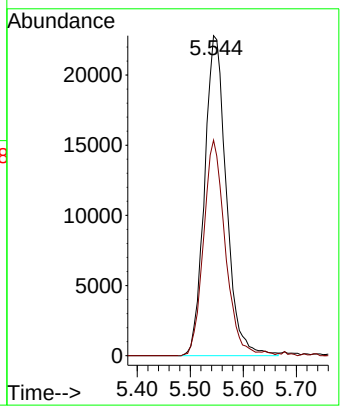


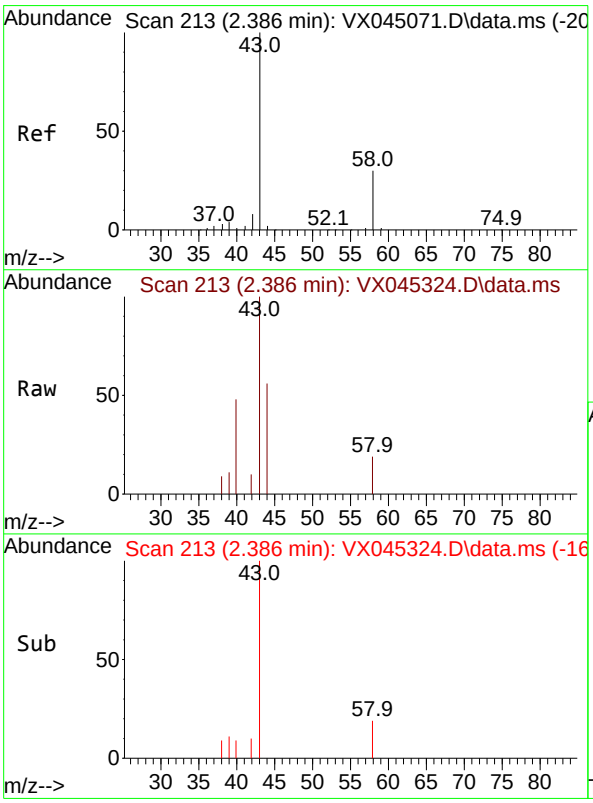
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045324.D
Acq: 18 Mar 2025 14:51

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-7-20250312

Tgt Ion:168 Resp: 65133

Ion	Ratio	Lower	Upper
168	100		
99	67.3	48.2	72.4

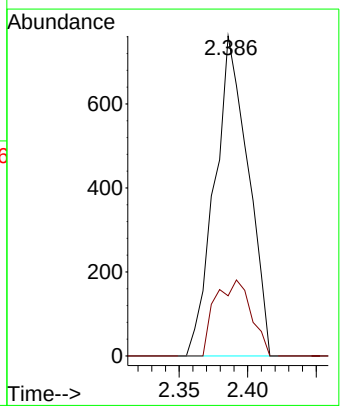


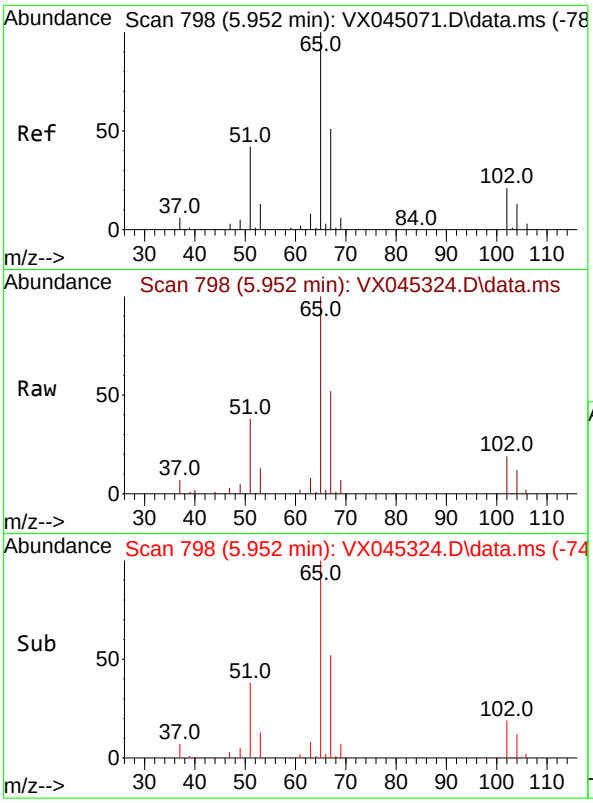


#16
Acetone
Concen: 2.692 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045324.D
Acq: 18 Mar 2025 14:51

Tgt Ion: 43 Resp: 1294

Ion	Ratio	Lower	Upper
43	100		
58	18.8	24.2	36.4#



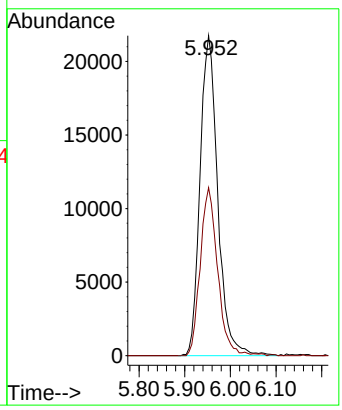


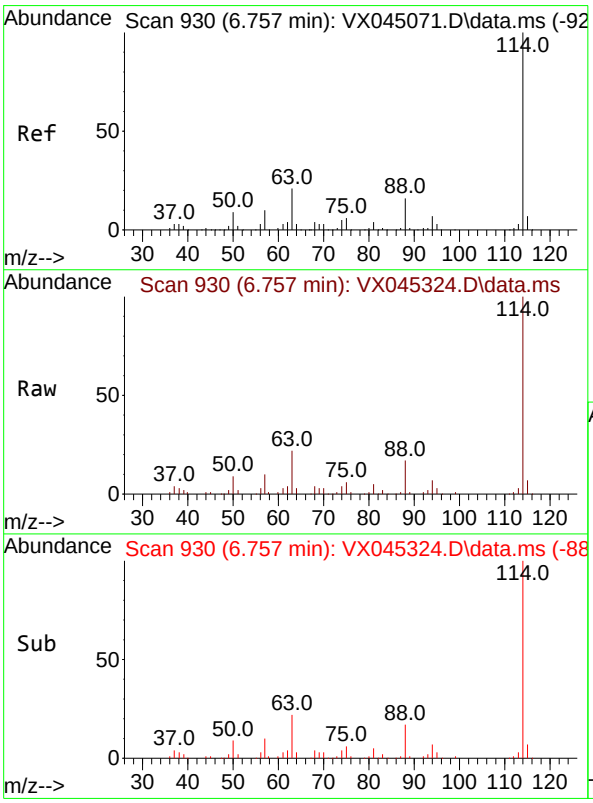
#33
1,2-Dichloroethane-d4
Concen: 56.400 ug/l
RT: 5.952 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045324.D
Acq: 18 Mar 2025 14:51

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-7-20250312

Tgt Ion: 65 Resp: 58432

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	106.2

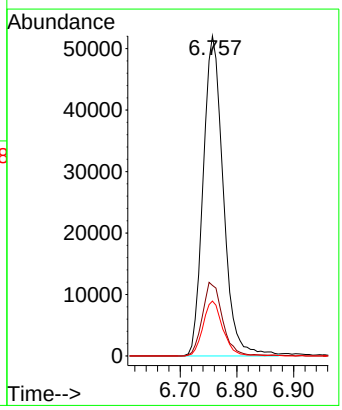


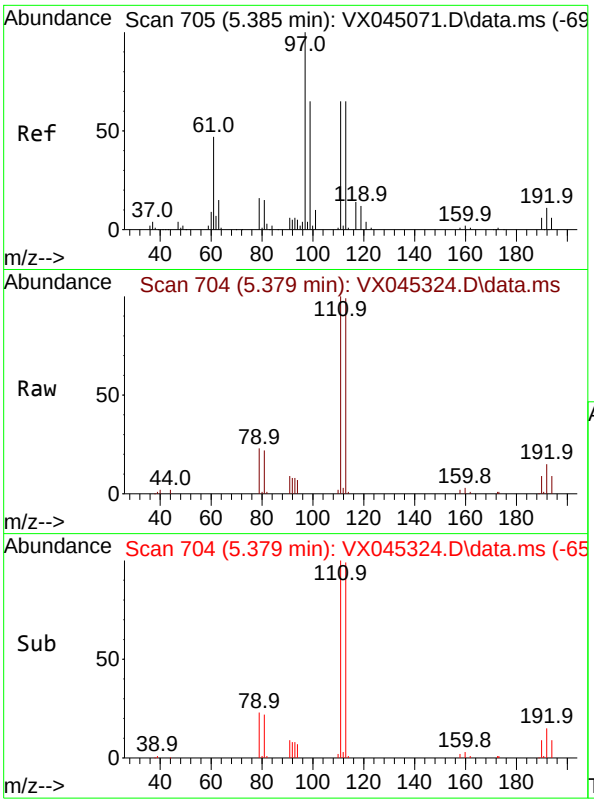


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX045324.D
Acq: 18 Mar 2025 14:51

Tgt Ion:114 Resp: 128210

Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	41.8
88	17.1	0.0	32.8



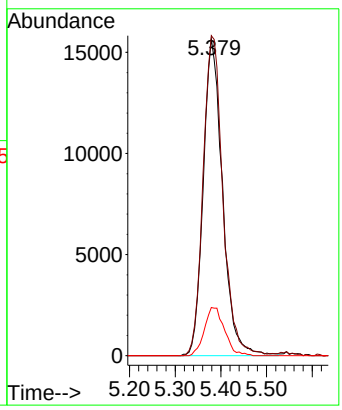


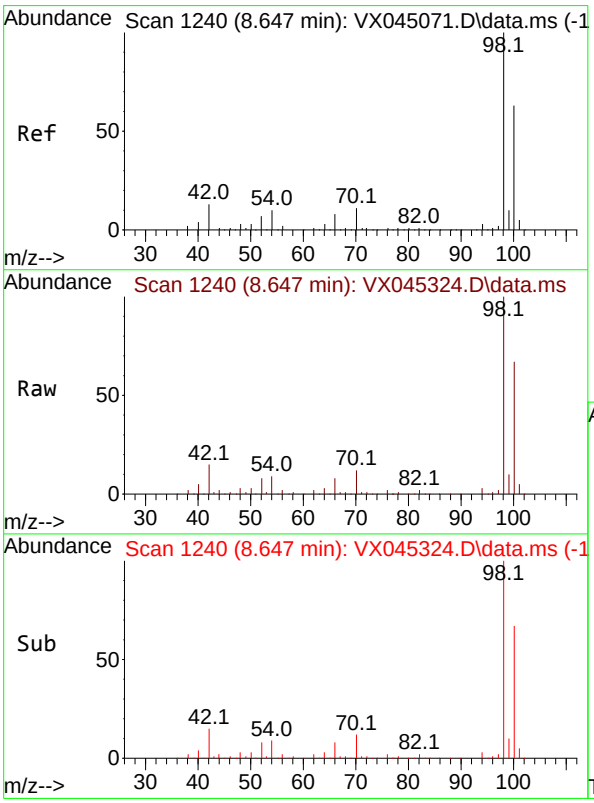
#35
Dibromofluoromethane
Concen: 53.416 ug/l
RT: 5.379 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045324.D
Acq: 18 Mar 2025 14:51

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-7-20250312

Tgt Ion:113 Resp: 45794

Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.8	122.6
192	15.9	14.3	21.5

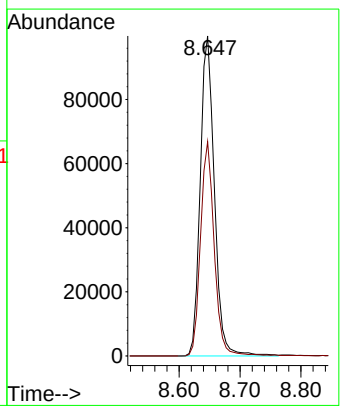


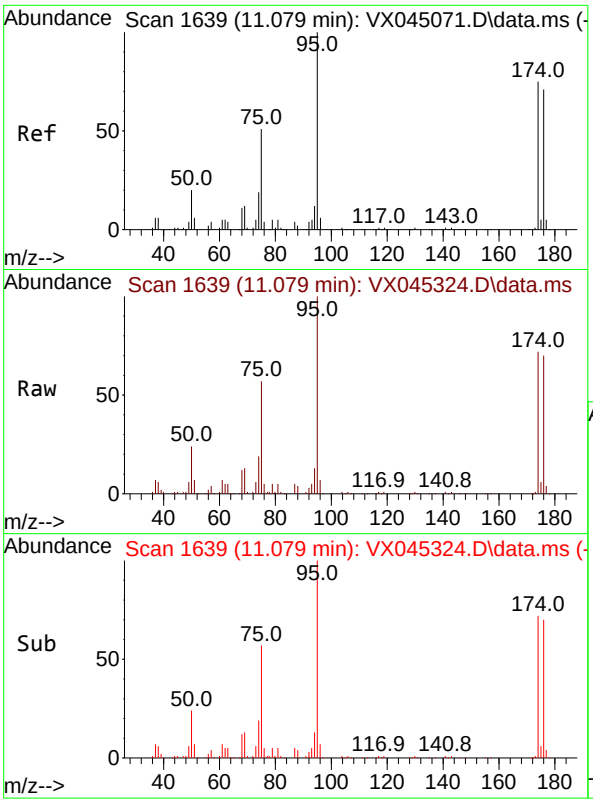


#50
Toluene-d8
Concen: 51.830 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045324.D
Acq: 18 Mar 2025 14:51

Tgt Ion: 98 Resp: 161091

Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.0	78.0



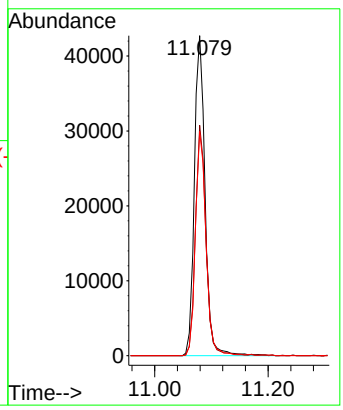


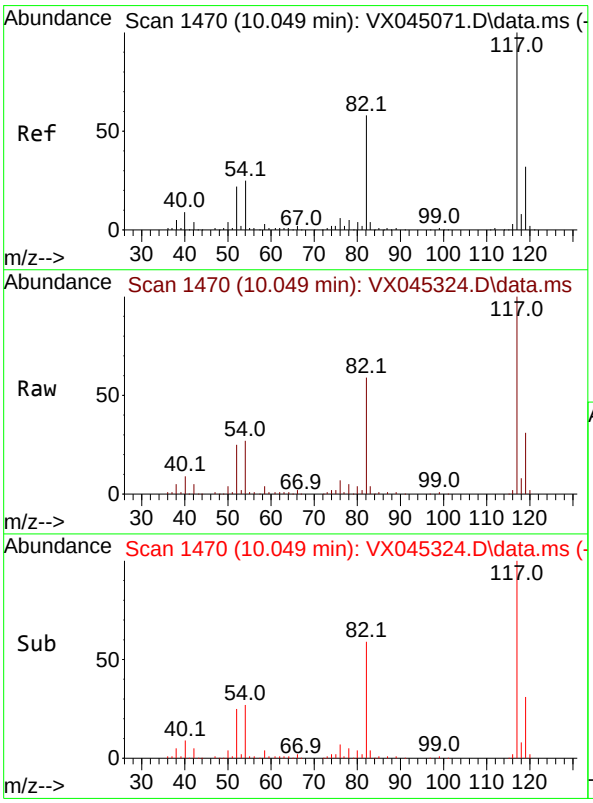
#62
4-Bromofluorobenzene
Concen: 54.300 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045324.D
Acq: 18 Mar 2025 14:51

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-7-20250312

Tgt Ion: 95 Resp: 55924

Ion	Ratio	Lower	Upper
95	100		
174	70.9	0.0	148.2
176	69.4	0.0	141.4

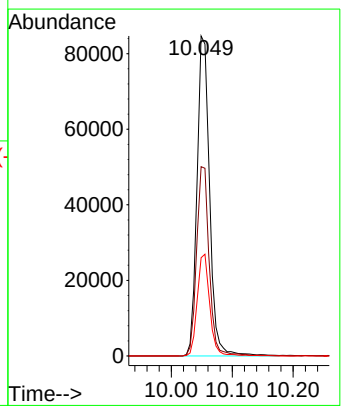


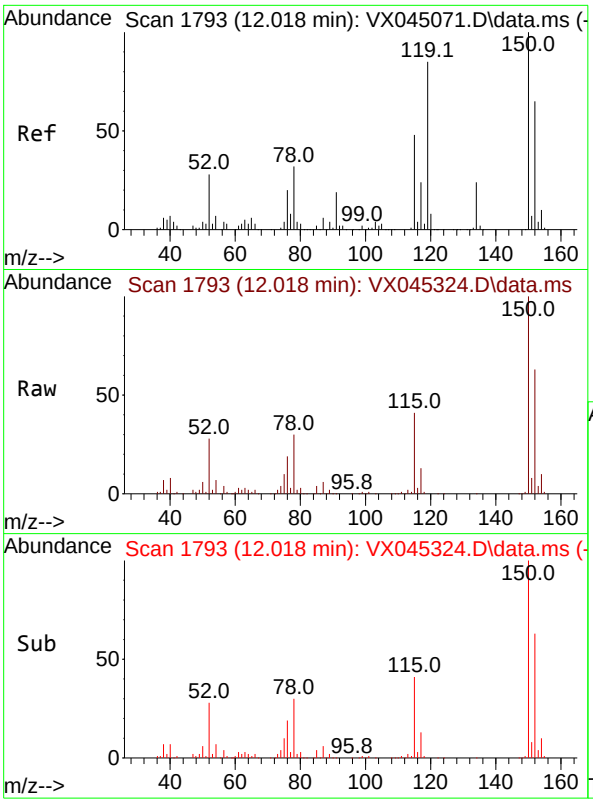


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045324.D
Acq: 18 Mar 2025 14:51

Tgt Ion:117 Resp: 121488

Ion	Ratio	Lower	Upper
117	100		
82	59.2	46.3	69.5
119	30.7	25.7	38.5



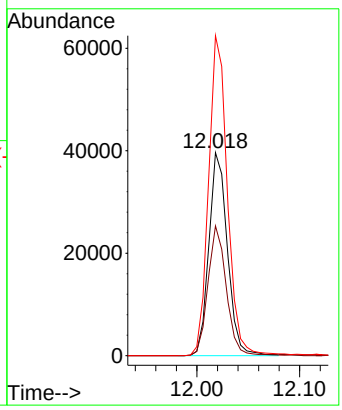


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045324.D
Acq: 18 Mar 2025 14:51

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-7-20250312

Tgt Ion:152 Resp: 49784

Ion	Ratio	Lower	Upper
152	100		
115	63.3	44.2	132.6
150	159.9	0.0	349.0



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

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	03/12/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	03/12/25
Client Sample ID:	BPOW6-8-20250312	SDG No.:	Q1557
Lab Sample ID:	Q1557-02	Matrix:	Water
Analytical Method:	SW8260	% 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
VX045325.D	1		03/18/25 15:14	VX031825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.50	U	0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	0.50	U	0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	3.80	U	1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	0.75	U	0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.75	U	0.23	0.75	1.00	ug/L
67-64-1	Acetone	2.40	J	1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.75	U	0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	0.75	U	0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	2.50	U	1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	2.50	U	0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	1.00	ug/L
67-66-3	Chloroform	0.50	U	0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.16	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.68	2.50	5.00	ug/L
108-88-3	Toluene	0.50	U	0.14	0.50	1.00	ug/L

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:	03/12/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	03/12/25
Client Sample ID:	BPOW6-8-20250312	SDG No.:	Q1557
Lab Sample ID:	Q1557-02	Matrix:	Water
Analytical Method:	SW8260	% 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
VX045325.D	1		03/18/25 15:14	VX031825

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	55.3		81 - 118		111%	SPK: 50
1868-53-7	Dibromofluoromethane	52.9		80 - 119		106%	SPK: 50
2037-26-5	Toluene-d8	52.1		89 - 112		104%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.7		85 - 114		99%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	68500	5.544				
540-36-3	1,4-Difluorobenzene	134000	6.757				
3114-55-4	Chlorobenzene-d5	117000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	43900	12.018				

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:	03/12/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	03/12/25
Client Sample ID:	BPOW6-8-20250312	SDG No.:	Q1557
Lab Sample ID:	Q1557-02	Matrix:	Water
Analytical Method:	SW8260	% 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
VX045325.D	1		03/18/25 15:14	VX031825

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\VX031825\
Data File : VX045325.D
Acq On : 18 Mar 2025 15:14
Operator : JC/MD
Sample : Q1557-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-8-20250312

Quant Time: Mar 19 01:45:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

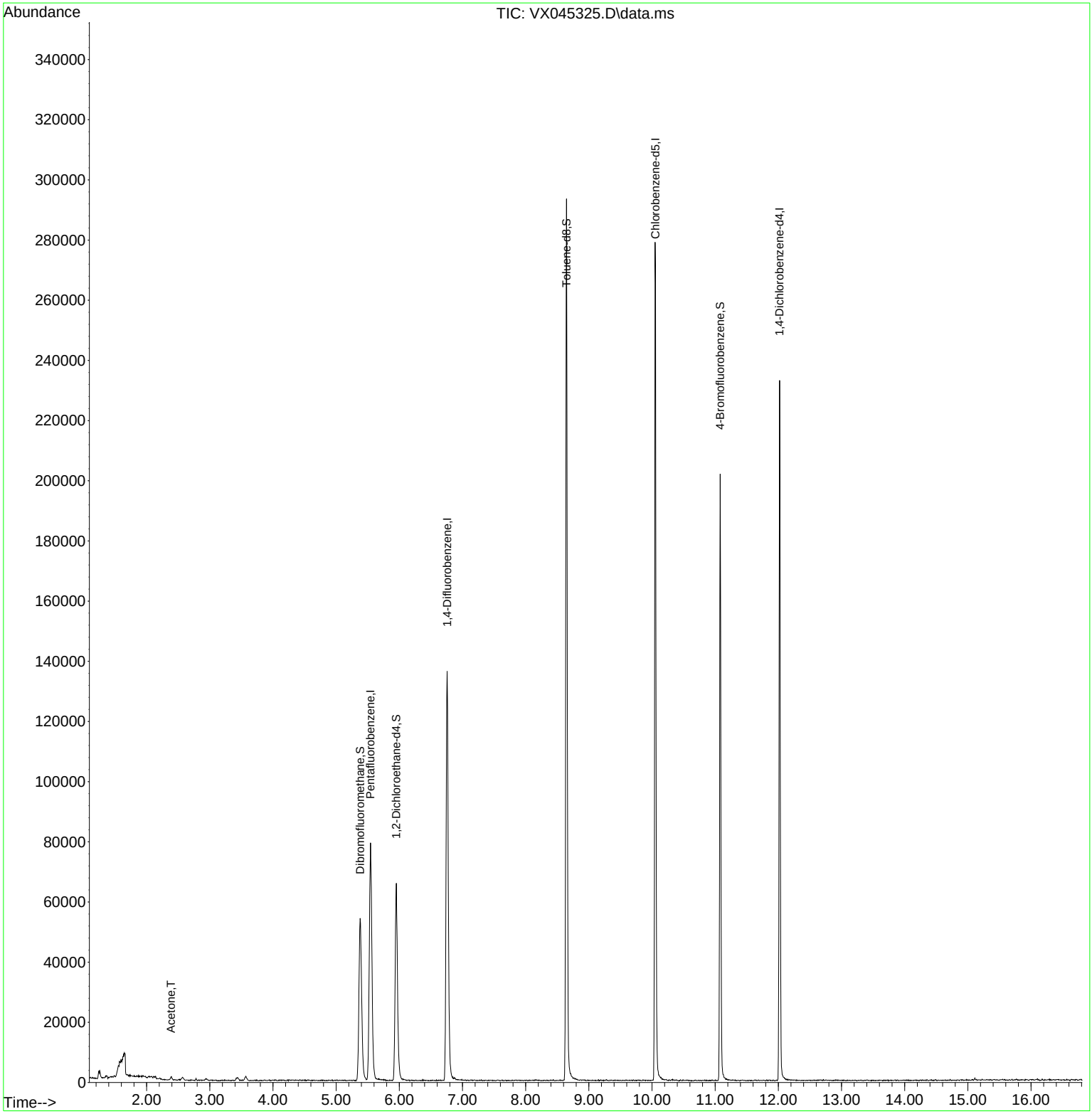
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	68534	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	133626	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	43938	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60280	55.296	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.600%			
35) Dibromofluoromethane	5.379	113	47275	52.909	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.820%			
50) Toluene-d8	8.647	98	168794	52.108	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.220%			
62) 4-Bromofluorobenzene	11.079	95	53300	49.655	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.300%			
Target Compounds						Qvalue
16) Acetone	2.386	43	1233	2.438	ug/l #	89

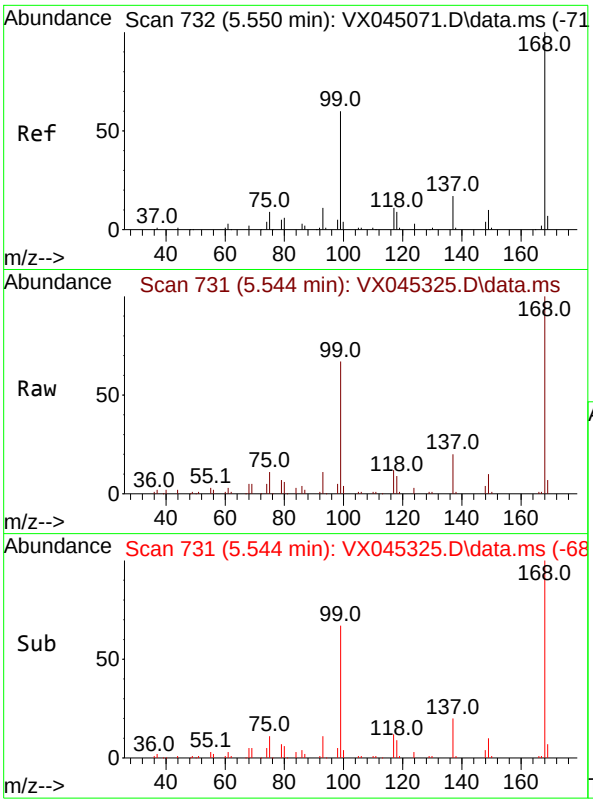
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045325.D
Acq On : 18 Mar 2025 15:14
Operator : JC/MD
Sample : Q1557-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-8-20250312

Quant Time: Mar 19 01:45:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration



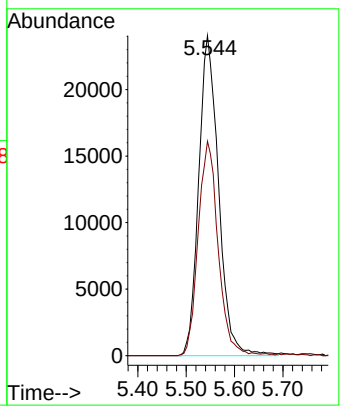


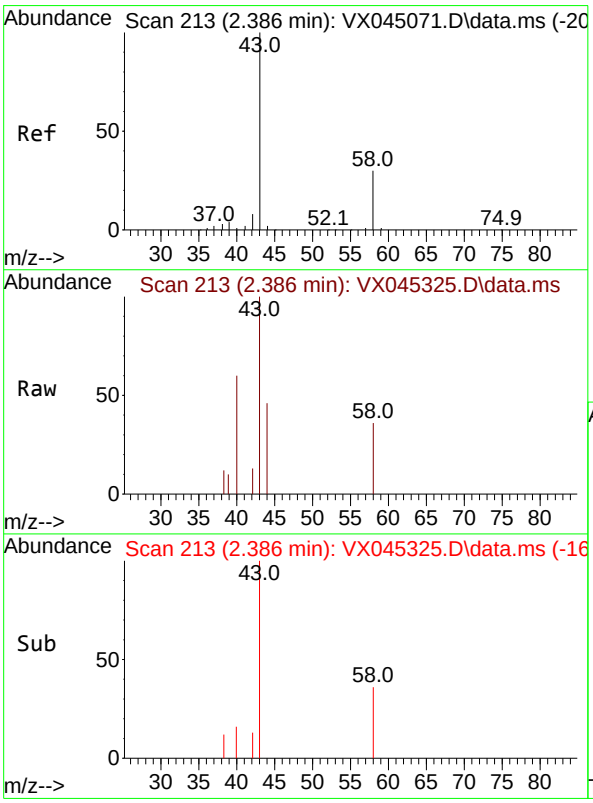
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045325.D
Acq: 18 Mar 2025 15:14

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-8-20250312

Tgt Ion:168 Resp: 68534

Ion	Ratio	Lower	Upper
168	100		
99	67.0	48.2	72.4

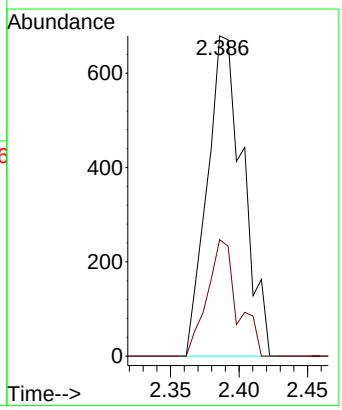


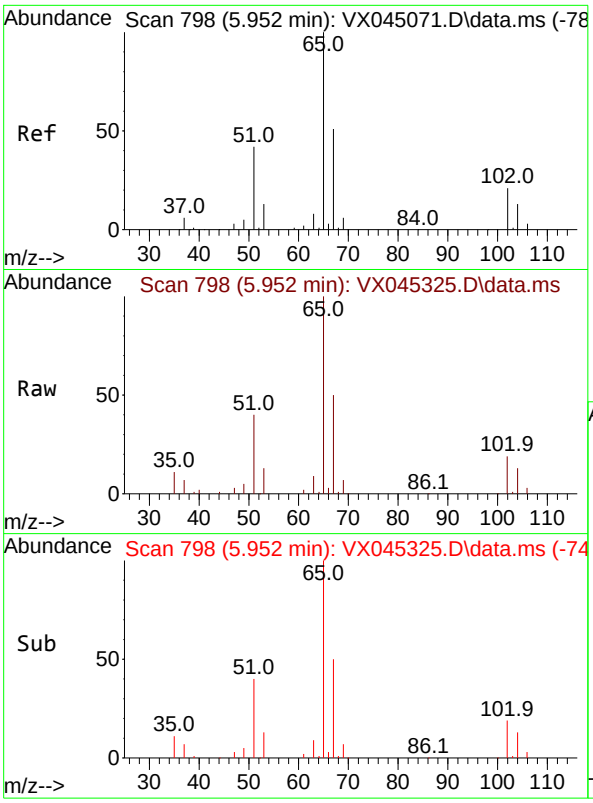


#16
Acetone
Concen: 2.438 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045325.D
Acq: 18 Mar 2025 15:14

Tgt Ion: 43 Resp: 1233

Ion	Ratio	Lower	Upper
43	100		
58	36.4	24.2	36.4#



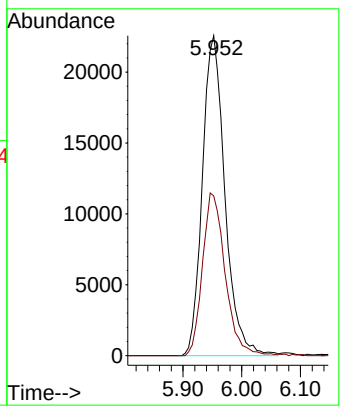


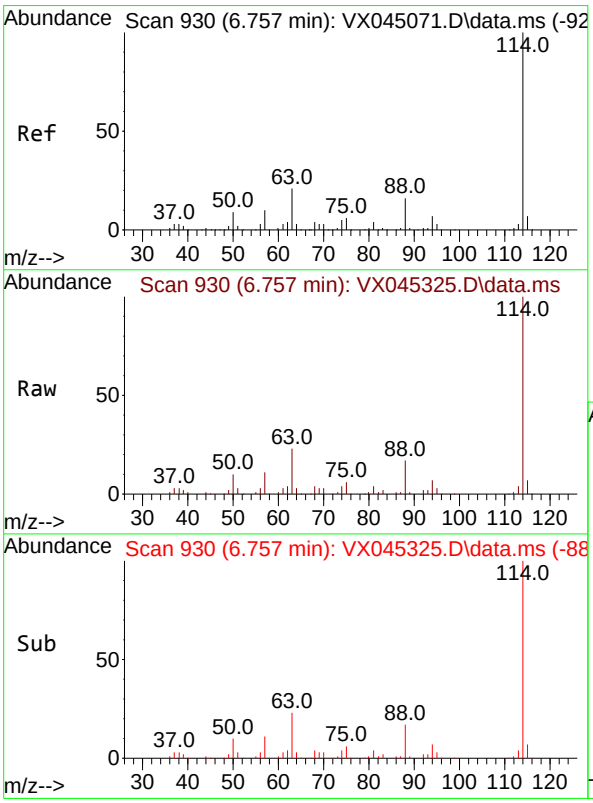
#33
1,2-Dichloroethane-d4
Concen: 55.296 ug/l
RT: 5.952 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX045325.D
Acq: 18 Mar 2025 15:14

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-8-20250312

Tgt Ion: 65 Resp: 60280

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	106.2

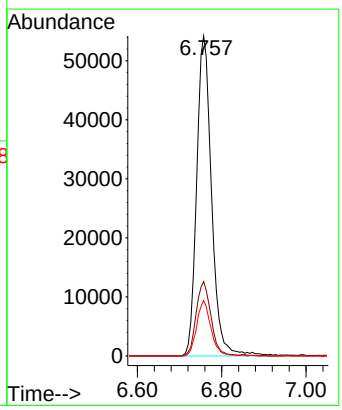


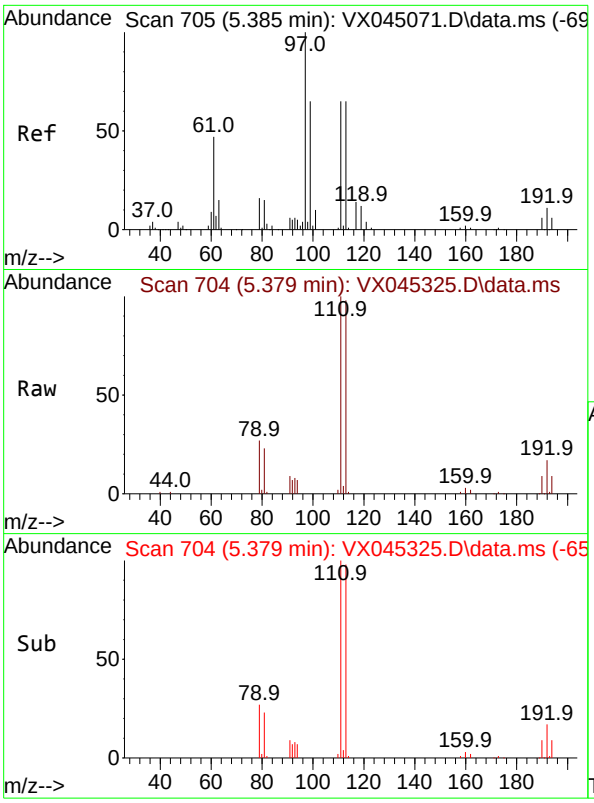


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX045325.D
Acq: 18 Mar 2025 15:14

Tgt Ion:114 Resp: 133626

Ion	Ratio	Lower	Upper
114	100		
63	23.2	0.0	41.8
88	17.3	0.0	32.8



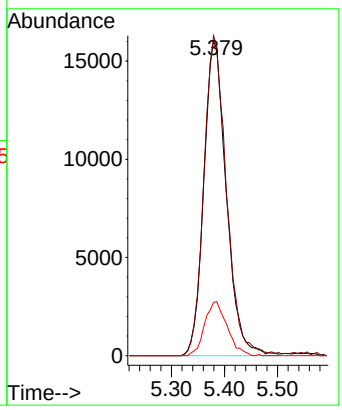


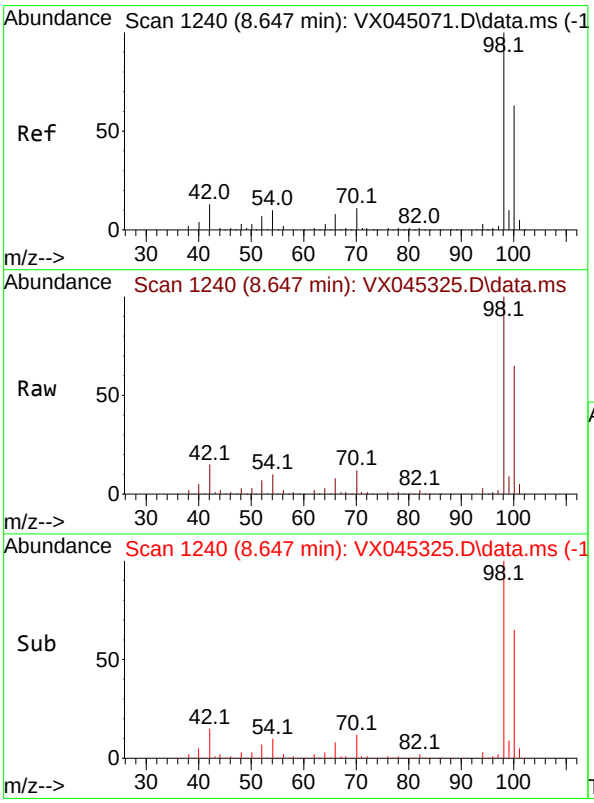
#35
Dibromofluoromethane
Concen: 52.909 ug/l
RT: 5.379 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045325.D
Acq: 18 Mar 2025 15:14

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-8-20250312

Tgt Ion:113 Resp: 47275

Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.8	122.6
192	17.1	14.3	21.5

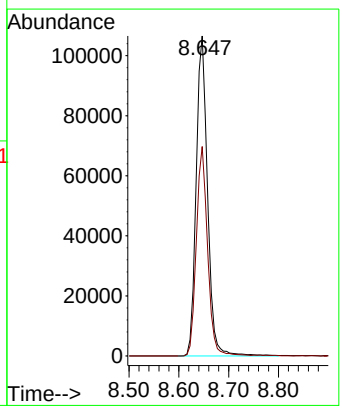


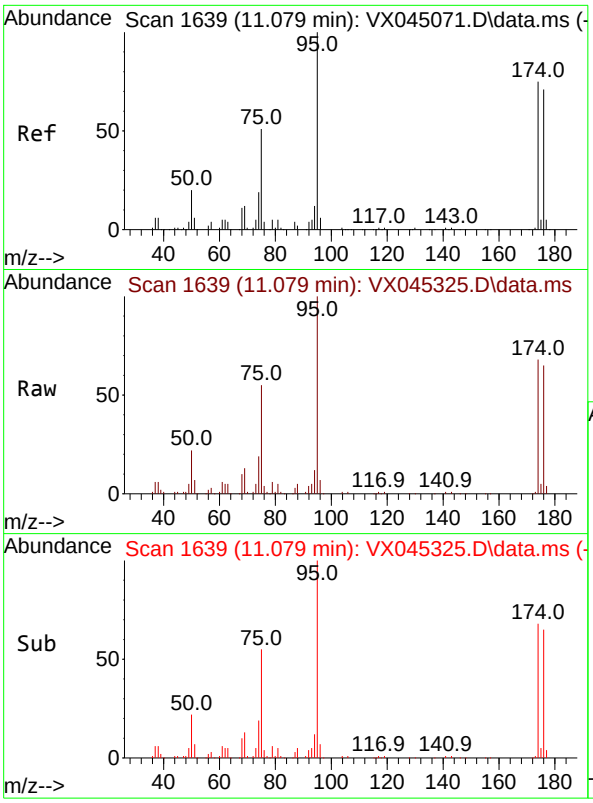


#50
Toluene-d8
Concen: 52.108 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045325.D
Acq: 18 Mar 2025 15:14

Tgt Ion: 98 Resp: 168794

Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.0	78.0



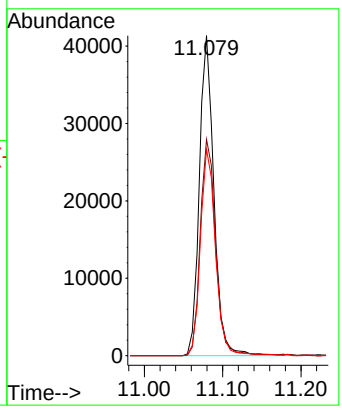


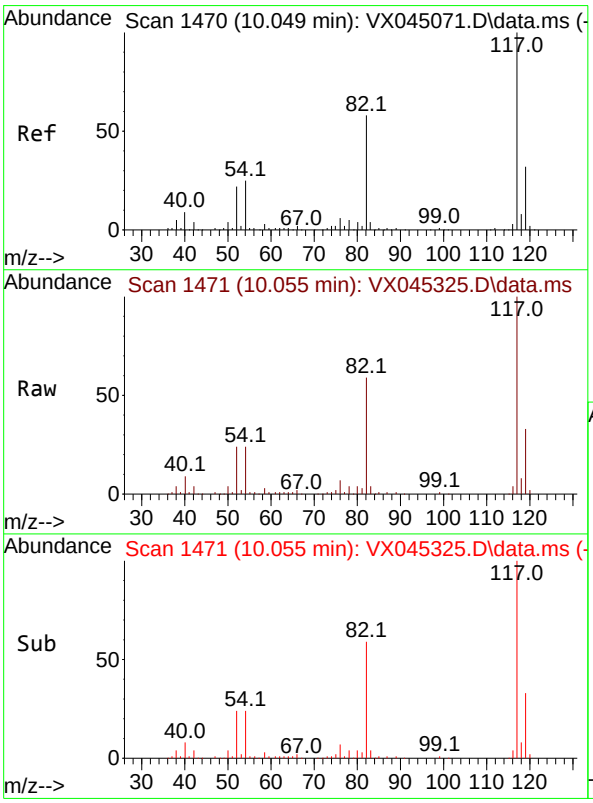
#62
4-Bromofluorobenzene
Concen: 49.655 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045325.D
Acq: 18 Mar 2025 15:14

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-8-20250312

Tgt Ion: 95 Resp: 53300

Ion	Ratio	Lower	Upper
95	100		
174	71.5	0.0	148.2
176	67.3	0.0	141.4

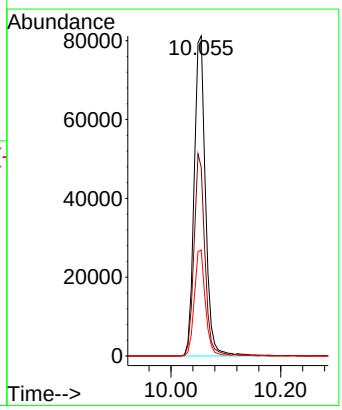


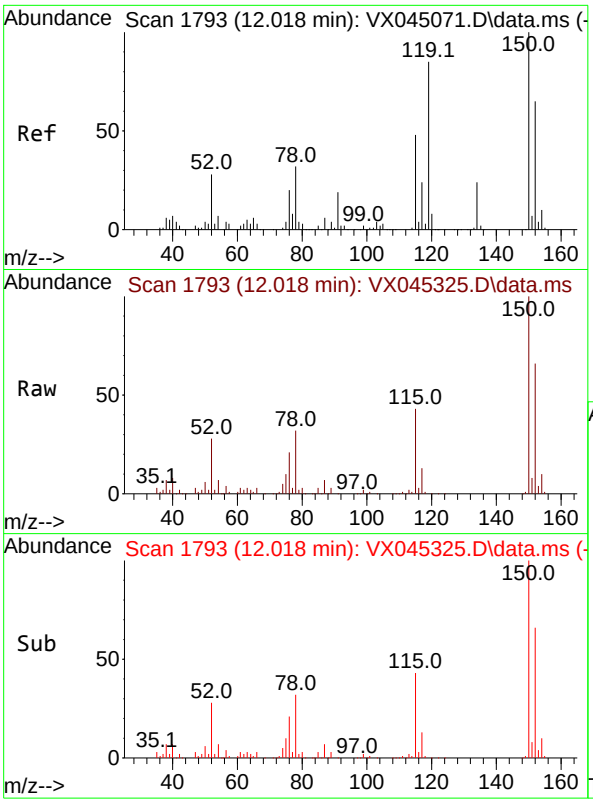


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045325.D
Acq: 18 Mar 2025 15:14

Tgt Ion:117 Resp: 117226

Ion	Ratio	Lower	Upper
117	100		
82	58.9	46.3	69.5
119	33.1	25.7	38.5



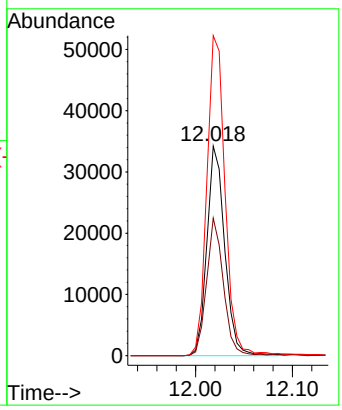


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045325.D
Acq: 18 Mar 2025 15:14

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-8-20250312

Tgt Ion:152 Resp: 43938

Ion	Ratio	Lower	Upper
152	100		
115	62.3	44.2	132.6
150	156.5	0.0	349.0



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

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	03/12/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	03/12/25
Client Sample ID:	BPOW6-9-20250312	SDG No.:	Q1557
Lab Sample ID:	Q1557-03	Matrix:	Water
Analytical Method:	SW8260	% 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
VX045335.D	1		03/18/25 19:07	VX031825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.50	U	0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	0.50	U	0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	3.80	U	1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	0.75	U	0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.75	U	0.23	0.75	1.00	ug/L
67-64-1	Acetone	1.80	J	1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.75	U	0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	0.75	U	0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	2.50	U	1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	2.50	U	0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	1.00	ug/L
67-66-3	Chloroform	0.50	U	0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.16	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.56	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

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:	03/12/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	03/12/25
Client Sample ID:	BPOW6-9-20250312	SDG No.:	Q1557
Lab Sample ID:	Q1557-03	Matrix:	Water
Analytical Method:	SW8260	% 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
VX045335.D	1		03/18/25 19:07	VX031825

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	57.3		81 - 118		115%	SPK: 50
1868-53-7	Dibromofluoromethane	51.8		80 - 119		104%	SPK: 50
2037-26-5	Toluene-d8	52.3		89 - 112		105%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.1		85 - 114		110%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	65500	5.544				
540-36-3	1,4-Difluorobenzene	130000	6.757				
3114-55-4	Chlorobenzene-d5	120000	10.049				
3855-82-1	1,4-Dichlorobenzene-d4	50300	12.018				

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:	03/12/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	03/12/25
Client Sample ID:	BPOW6-9-20250312	SDG No.:	Q1557
Lab Sample ID:	Q1557-03	Matrix:	Water
Analytical Method:	SW8260	% 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
VX045335.D	1		03/18/25 19:07	VX031825

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\VX031825\
Data File : VX045335.D
Acq On : 18 Mar 2025 19:07
Operator : JC/MD
Sample : Q1557-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312

Quant Time: Mar 19 01:49:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

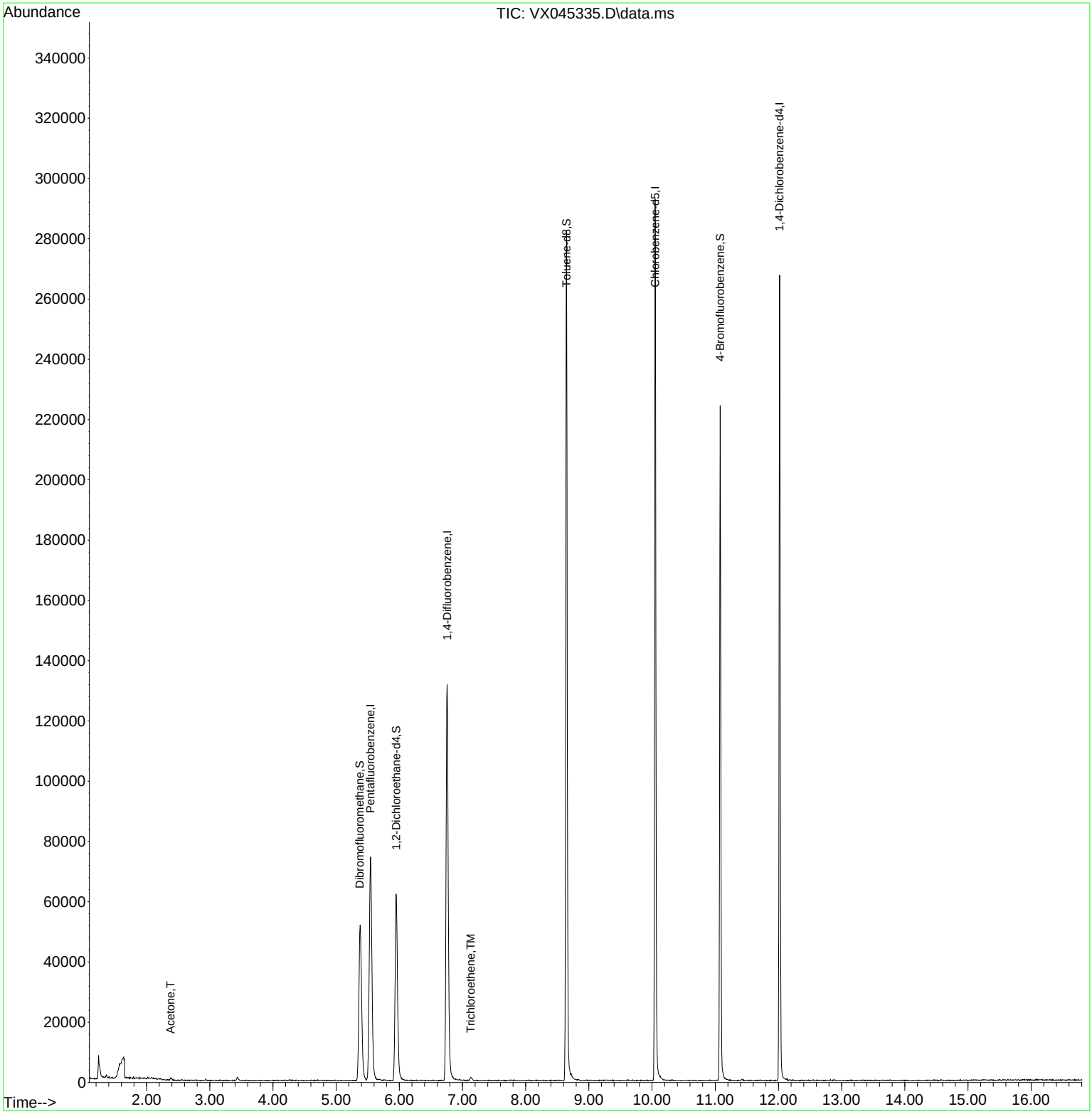
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	65451	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	129872	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	120395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50347	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59691	57.335	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.660%			
35) Dibromofluoromethane	5.373	113	44989	51.806	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.620%			
50) Toluene-d8	8.647	98	164678	52.307	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.620%			
62) 4-Bromofluorobenzene	11.079	95	57476	55.093	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 110.180%			
Target Compounds						Qvalue
16) Acetone	2.380	43	852	1.764	ug/l #	84
44) Trichloroethene	7.129	130	495	0.561	ug/l	88

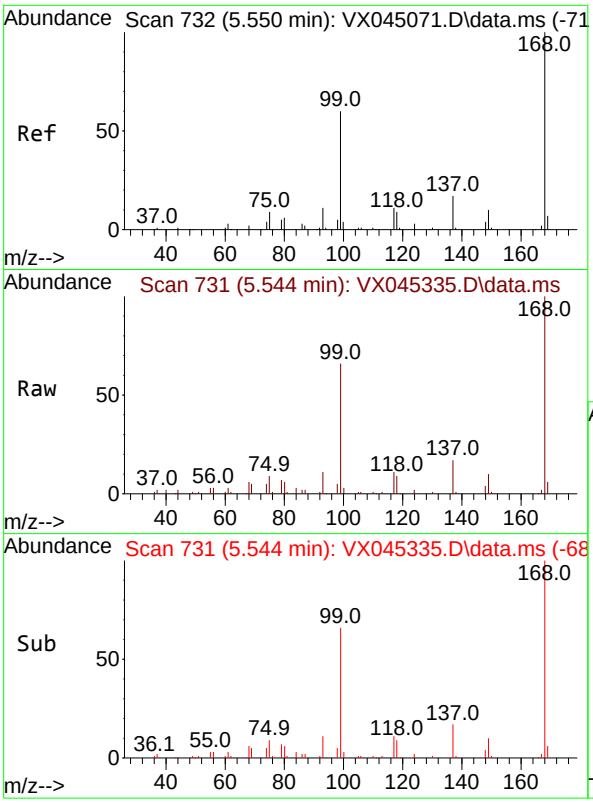
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045335.D
Acq On : 18 Mar 2025 19:07
Operator : JC/MD
Sample : Q1557-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312

Quant Time: Mar 19 01:49:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration



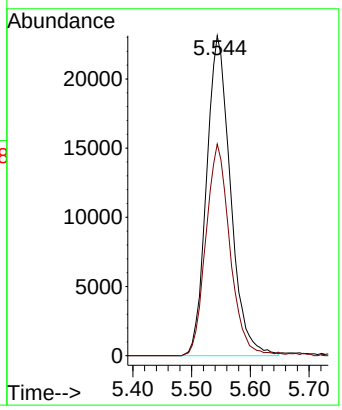


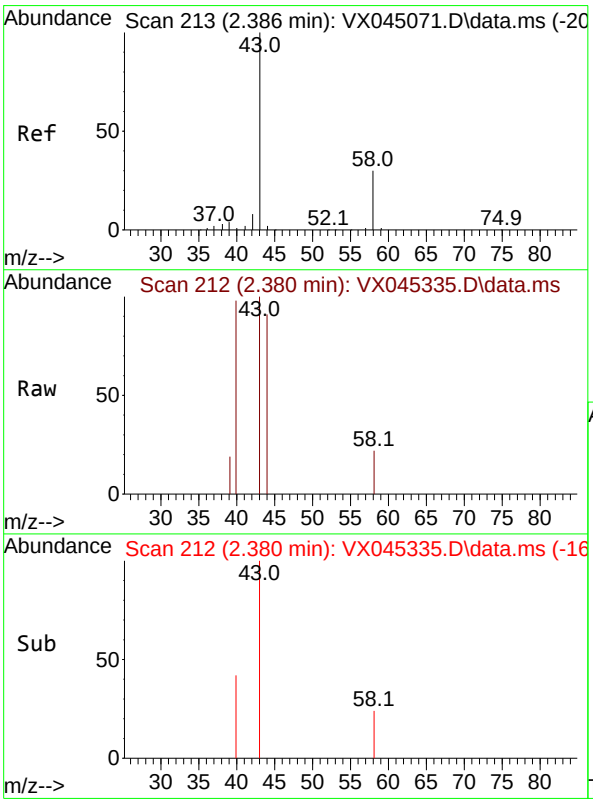
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045335.D
Acq: 18 Mar 2025 19:07

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312

Tgt Ion:168 Resp: 65451

Ion	Ratio	Lower	Upper
168	100		
99	66.1	48.2	72.4

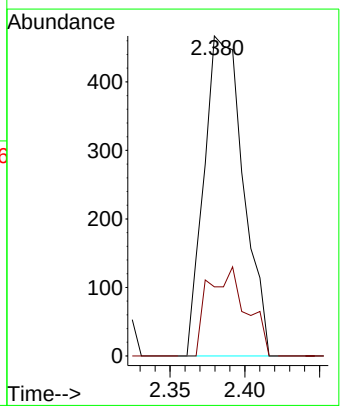


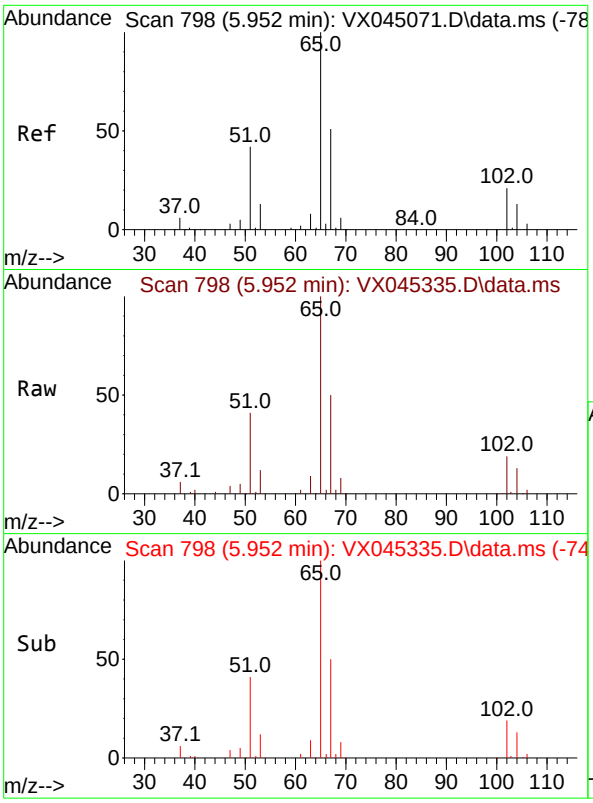


#16
Acetone
Concen: 1.764 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045335.D
Acq: 18 Mar 2025 19:07

Tgt Ion: 43 Resp: 852

Ion	Ratio	Lower	Upper
43	100		
58	21.6	24.2	36.4#



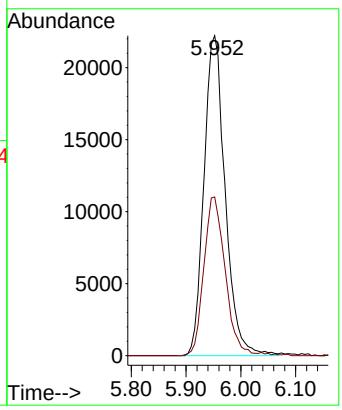


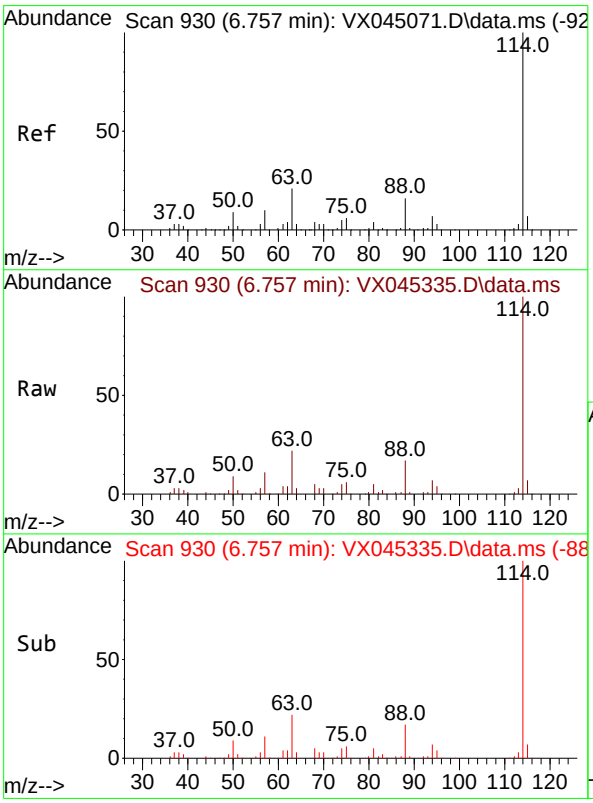
#33
1,2-Dichloroethane-d4
Concen: 57.335 ug/l
RT: 5.952 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045335.D
Acq: 18 Mar 2025 19:07

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312

Tgt Ion: 65 Resp: 59691

Ion	Ratio	Lower	Upper
65	100		
67	49.7	0.0	106.2

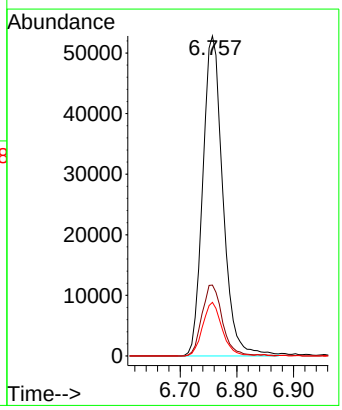


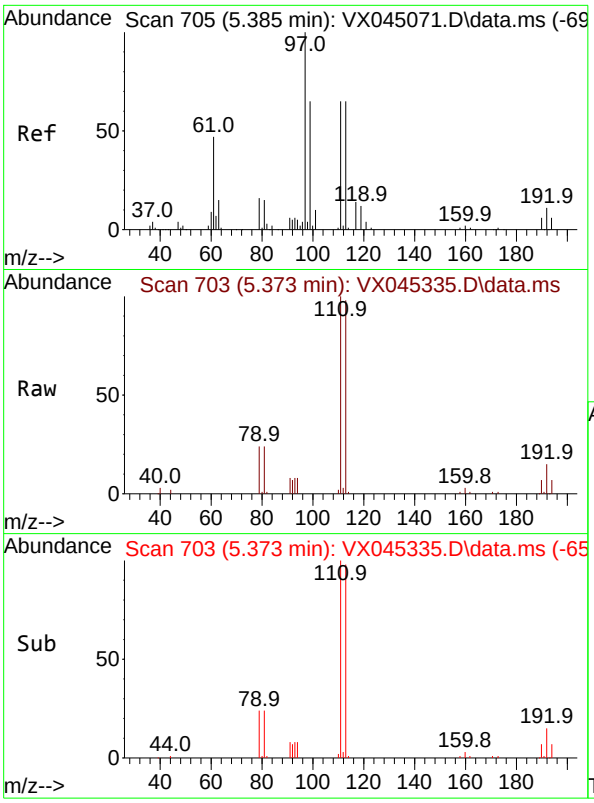


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX045335.D
Acq: 18 Mar 2025 19:07

Tgt Ion:114 Resp: 129872

Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	41.8
88	16.8	0.0	32.8



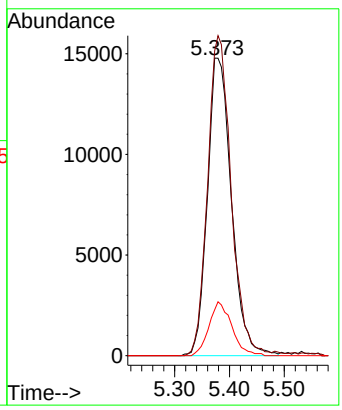


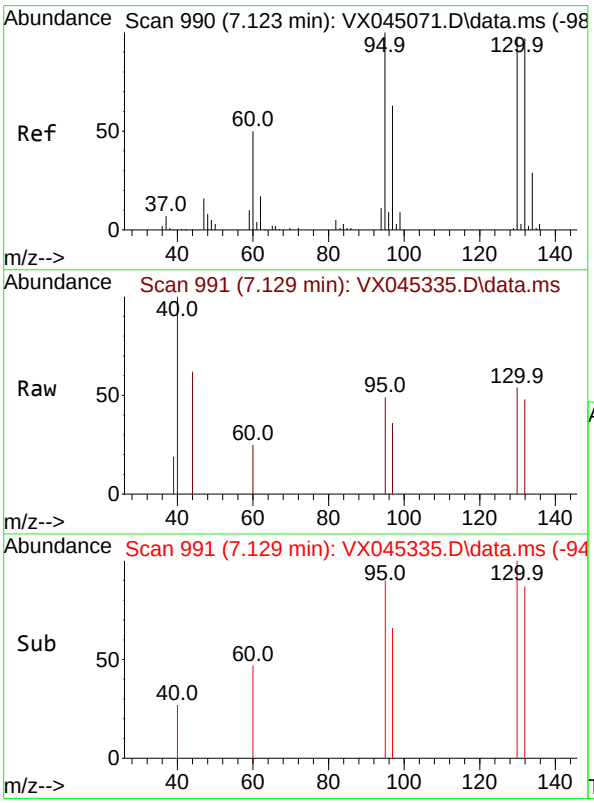
#35
Dibromofluoromethane
Concen: 51.806 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.012 min
Lab File: VX045335.D
Acq: 18 Mar 2025 19:07

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312

Tgt Ion:113 Resp: 44989

Ion	Ratio	Lower	Upper
113	100		
111	105.1	81.8	122.6
192	17.3	14.3	21.5

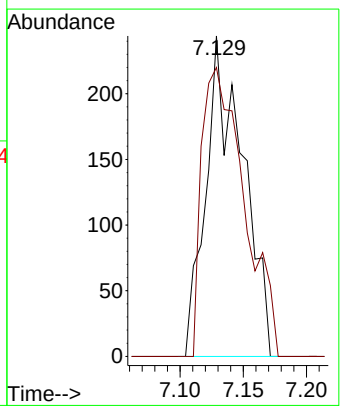


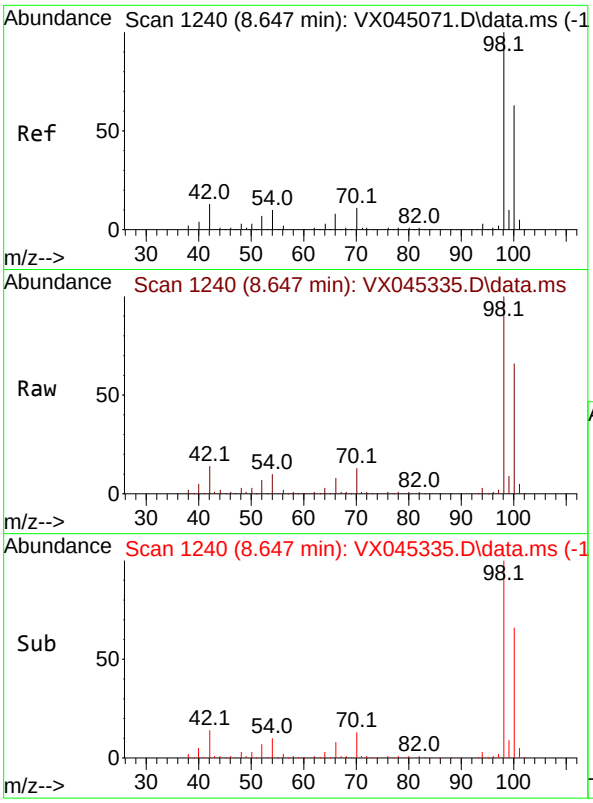


#44
Trichloroethene
Concen: 0.561 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX045335.D
Acq: 18 Mar 2025 19:07

Tgt Ion:130 Resp: 495

Ion	Ratio	Lower	Upper
130	100		
95	90.2	0.0	205.0



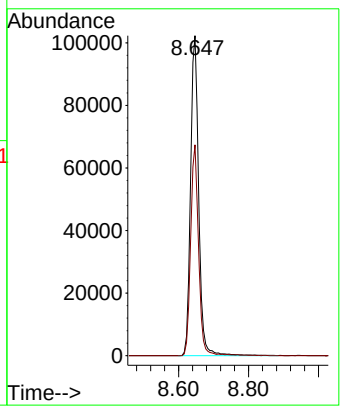


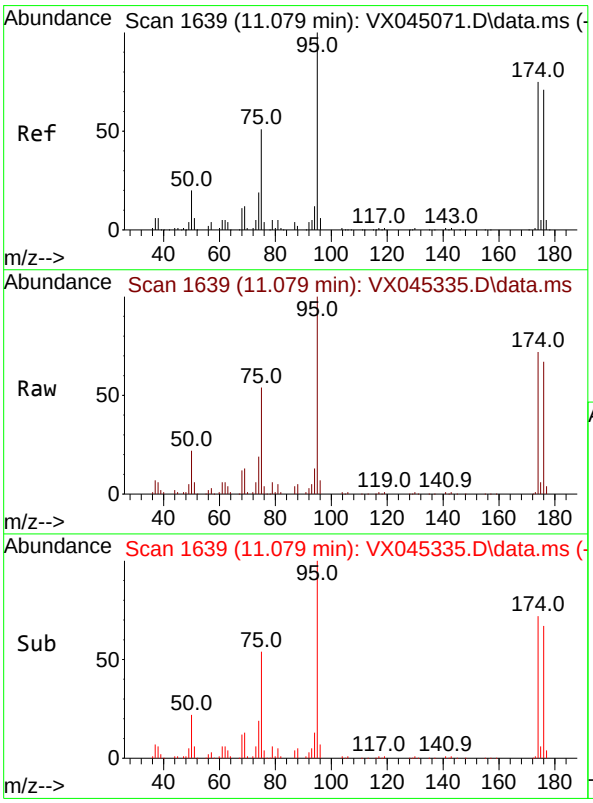
#50
Toluene-d8
Concen: 52.307 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045335.D
Acq: 18 Mar 2025 19:07

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312

Tgt Ion: 98 Resp: 164678

Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.0	78.0

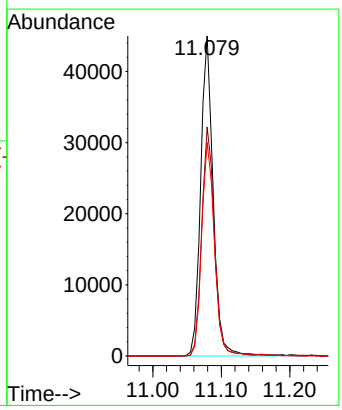


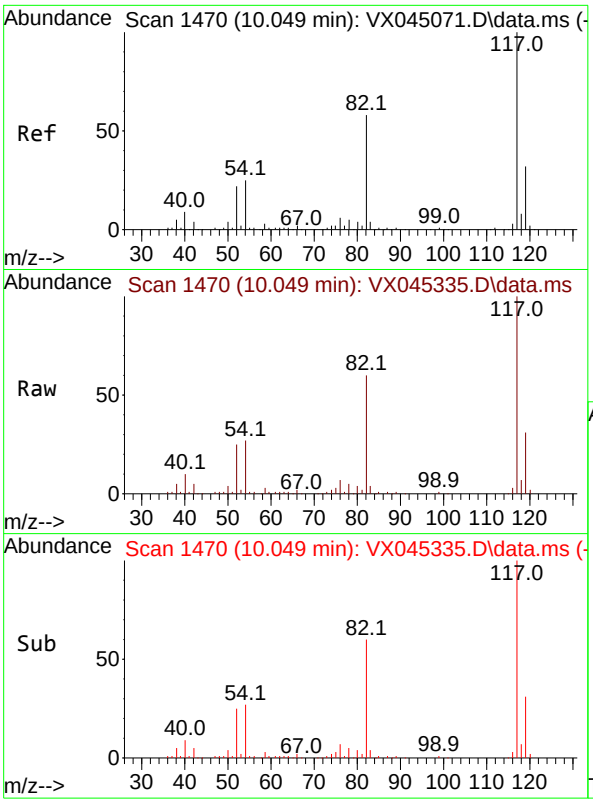


#62
4-Bromofluorobenzene
Concen: 55.093 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045335.D
Acq: 18 Mar 2025 19:07

Tgt Ion: 95 Resp: 57476

Ion	Ratio	Lower	Upper
95	100		
174	72.0	0.0	148.2
176	68.3	0.0	141.4



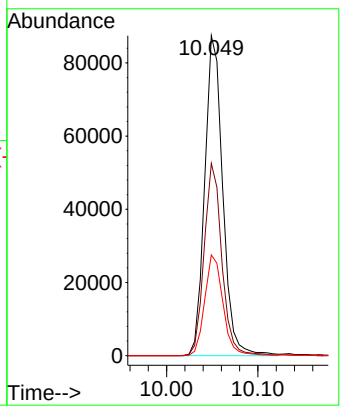


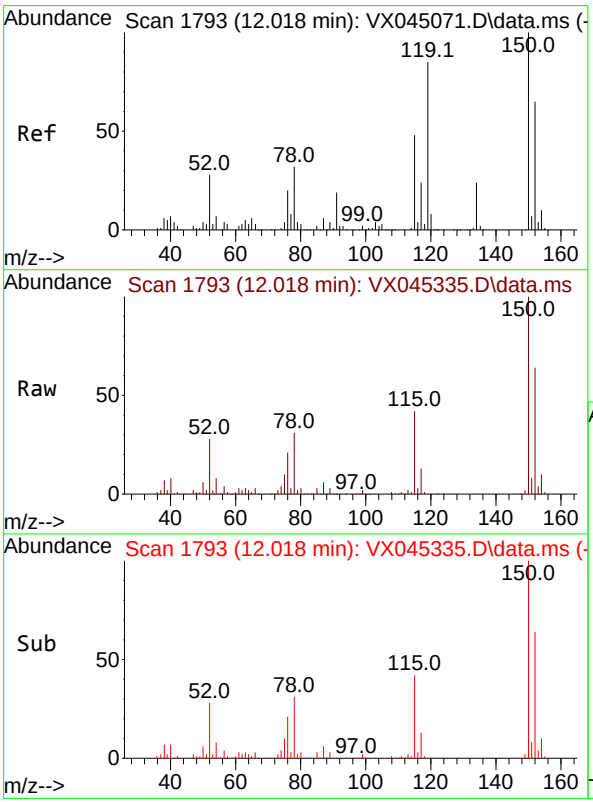
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX045335.D
Acq: 18 Mar 2025 19:07

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312

Tgt Ion:117 Resp: 120395

Ion	Ratio	Lower	Upper
117	100		
82	60.1	46.3	69.5
119	31.5	25.7	38.5

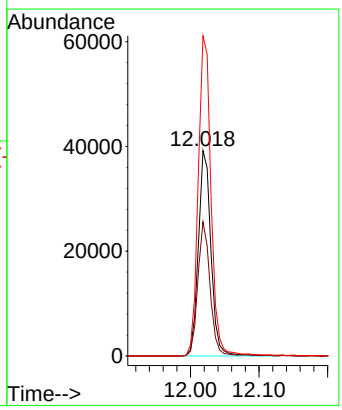




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045335.D
Acq: 18 Mar 2025 19:07

Tgt Ion:152 Resp: 50347

Ion	Ratio	Lower	Upper
152	100		
115	62.9	44.2	132.6
150	158.5	0.0	349.0



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

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	03/12/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	03/12/25
Client Sample ID:	BPOW6-10-20250312	SDG No.:	Q1557
Lab Sample ID:	Q1557-06	Matrix:	Water
Analytical Method:	SW8260	% 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
VX045326.D	1		03/18/25 15:38	VX031825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.50	U	0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	0.50	U	0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	3.80	U	1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	0.75	U	0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.75	U	0.23	0.75	1.00	ug/L
67-64-1	Acetone	1.60	J	1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.75	U	0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	0.75	U	0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	2.50	U	1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	2.50	U	0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	1.00	ug/L
67-66-3	Chloroform	0.50	U	0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.16	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.68	2.50	5.00	ug/L
108-88-3	Toluene	0.50	U	0.14	0.50	1.00	ug/L

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:	03/12/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	03/12/25
Client Sample ID:	BPOW6-10-20250312	SDG No.:	Q1557
Lab Sample ID:	Q1557-06	Matrix:	Water
Analytical Method:	SW8260	% 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
VX045326.D	1		03/18/25 15:38	VX031825

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	56.6		81 - 118		113%	SPK: 50
1868-53-7	Dibromofluoromethane	51.5		80 - 119		103%	SPK: 50
2037-26-5	Toluene-d8	51.7		89 - 112		103%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.7		85 - 114		107%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	66600	5.544				
540-36-3	1,4-Difluorobenzene	131000	6.757				
3114-55-4	Chlorobenzene-d5	121000	10.049				
3855-82-1	1,4-Dichlorobenzene-d4	52000	12.018				

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:	03/12/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	03/12/25
Client Sample ID:	BPOW6-10-20250312	SDG No.:	Q1557
Lab Sample ID:	Q1557-06	Matrix:	Water
Analytical Method:	SW8260	% 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
VX045326.D	1		03/18/25 15:38	VX031825

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\VX031825\
Data File : VX045326.D
Acq On : 18 Mar 2025 15:38
Operator : JC/MD
Sample : Q1557-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-10-20250312

Quant Time: Mar 19 01:45:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

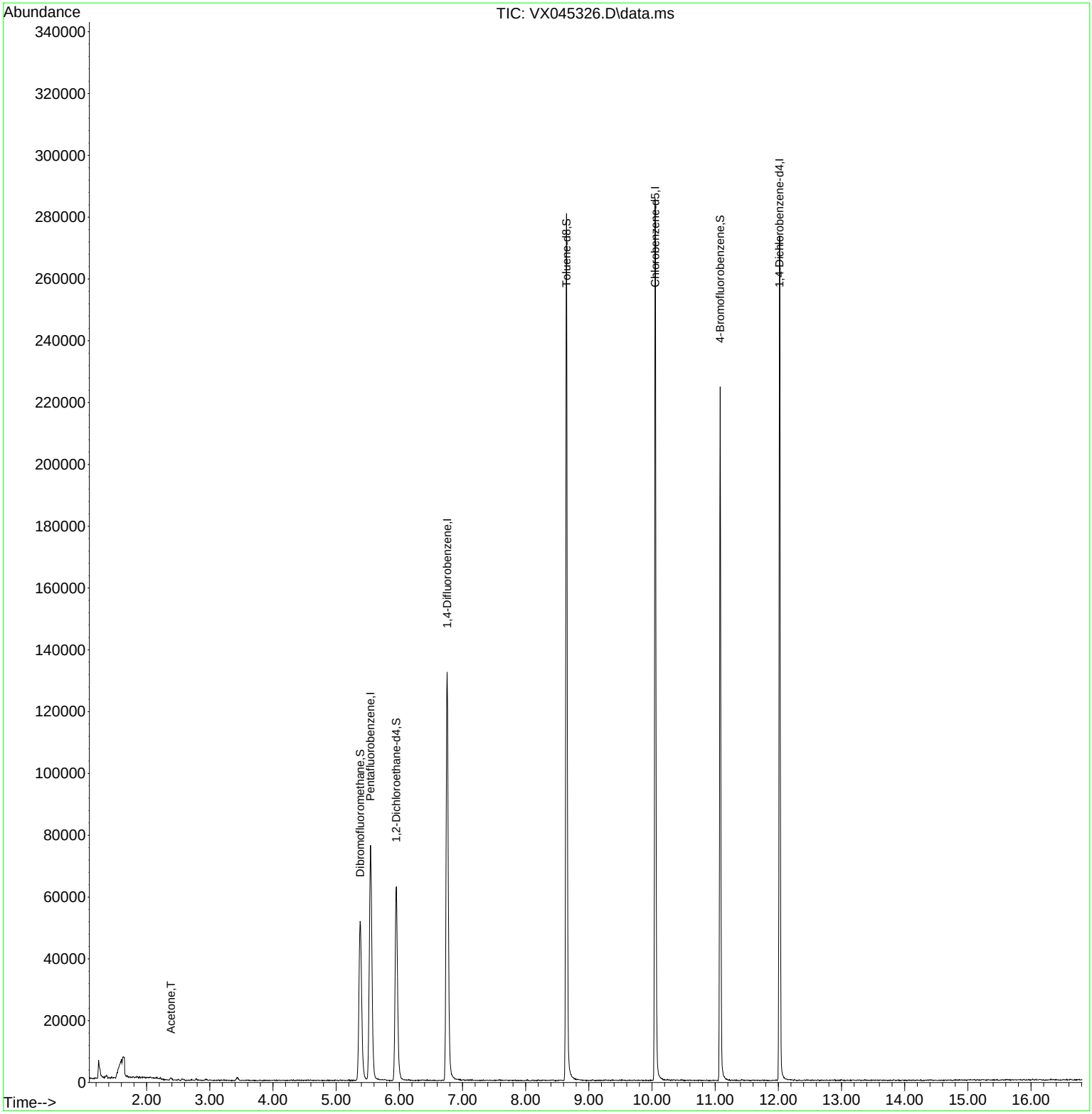
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	66603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	131278	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	120528	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51968	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59965	56.602	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.200%			
35) Dibromofluoromethane	5.379	113	45186	51.475	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.960%			
50) Toluene-d8	8.647	98	164385	51.654	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.300%			
62) 4-Bromofluorobenzene	11.079	95	56655	53.724	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.440%			
Target Compounds						Qvalue
16) Acetone	2.386	43	787	1.601	ug/l	93

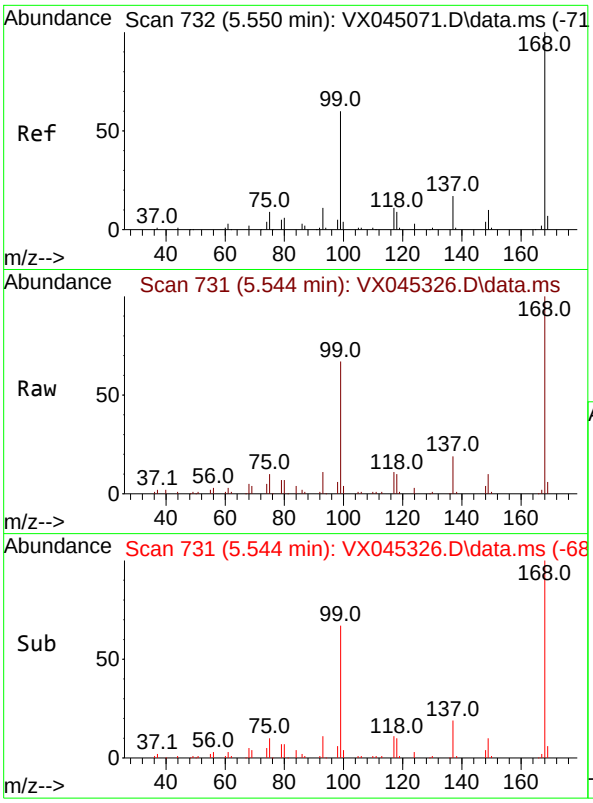
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045326.D
Acq On : 18 Mar 2025 15:38
Operator : JC/MD
Sample : Q1557-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-10-20250312

Quant Time: Mar 19 01:45:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration



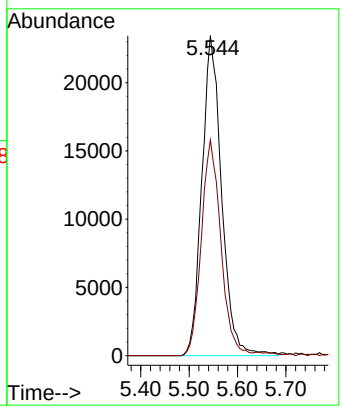


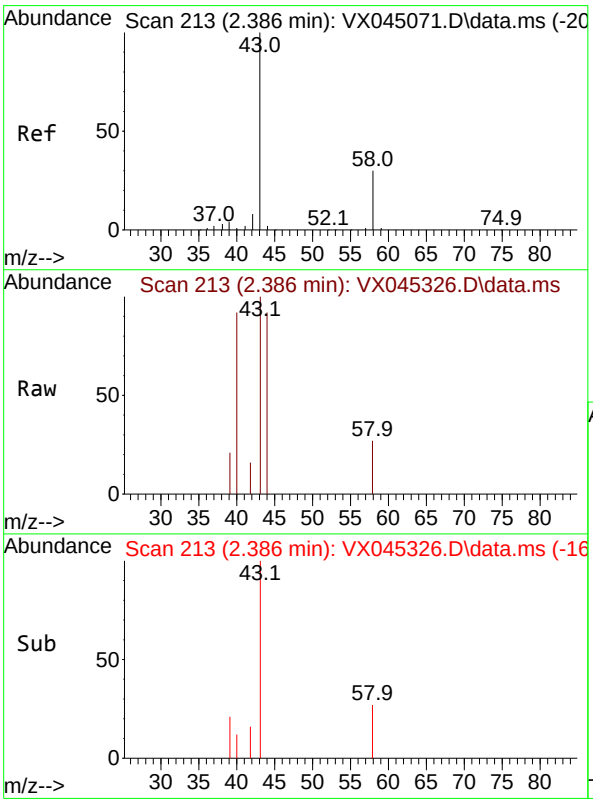
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045326.D
Acq: 18 Mar 2025 15:38

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-10-20250312

Tgt Ion:168 Resp: 66603

Ion	Ratio	Lower	Upper
168	100		
99	67.4	48.2	72.4

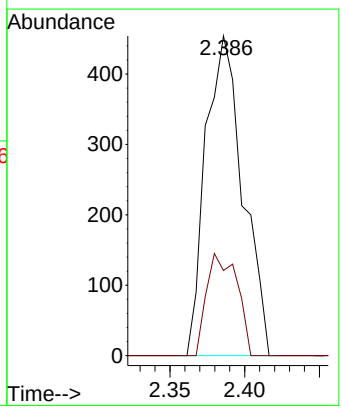


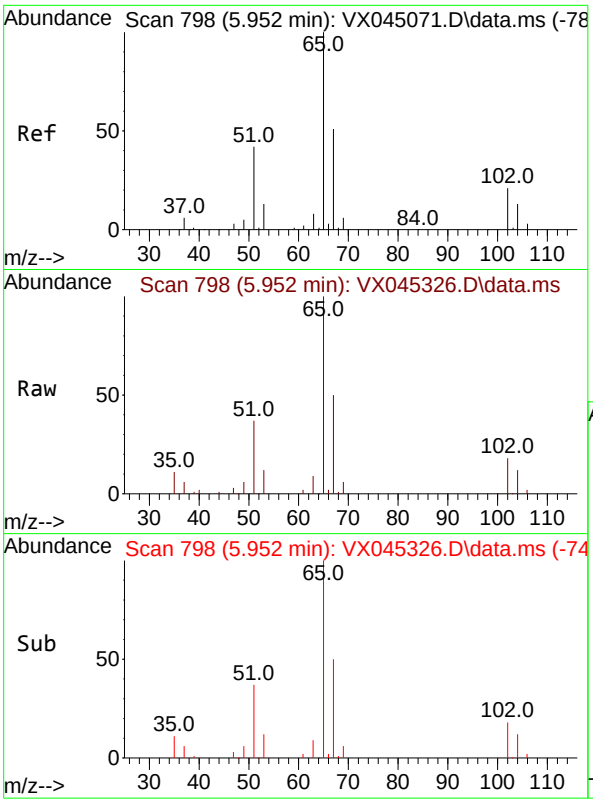


#16
Acetone
Concen: 1.601 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045326.D
Acq: 18 Mar 2025 15:38

Tgt Ion: 43 Resp: 787

Ion	Ratio	Lower	Upper
43	100		
58	26.7	24.2	36.4



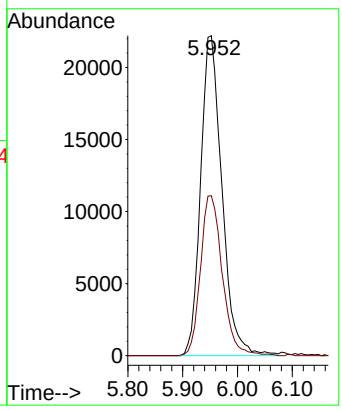


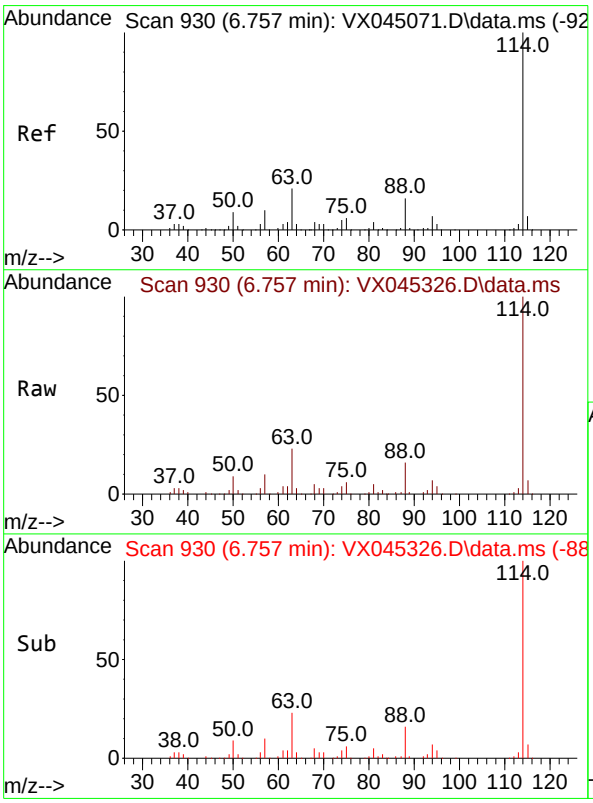
#33
1,2-Dichloroethane-d4
Concen: 56.602 ug/l
RT: 5.952 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX045326.D
Acq: 18 Mar 2025 15:38

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-10-20250312

Tgt Ion: 65 Resp: 59965

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	106.2

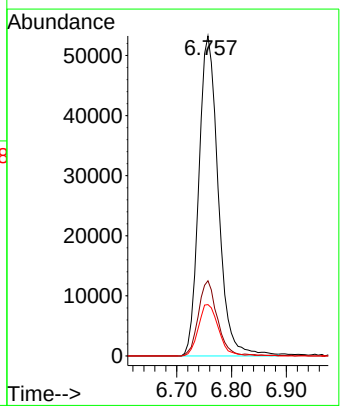


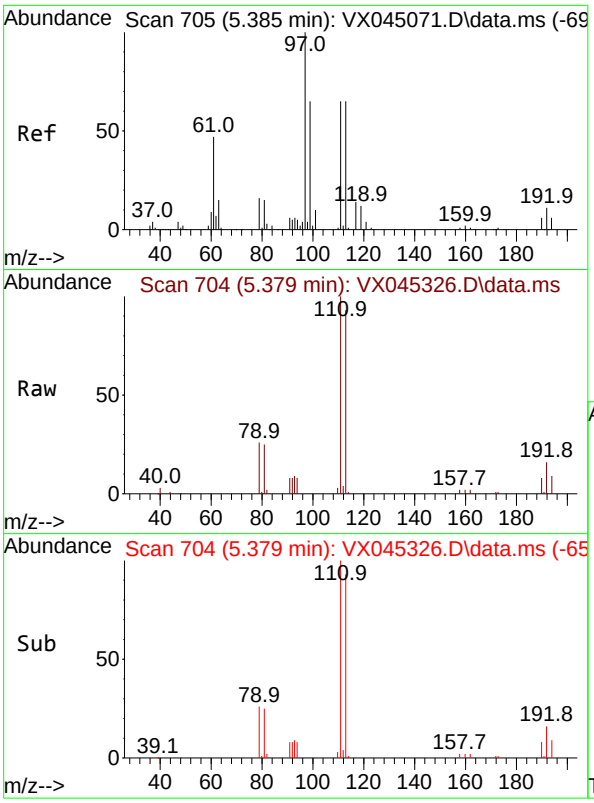


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX045326.D
Acq: 18 Mar 2025 15:38

Tgt Ion:114 Resp: 131278

Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	41.8
88	16.0	0.0	32.8



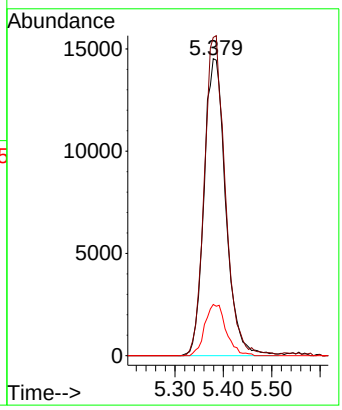


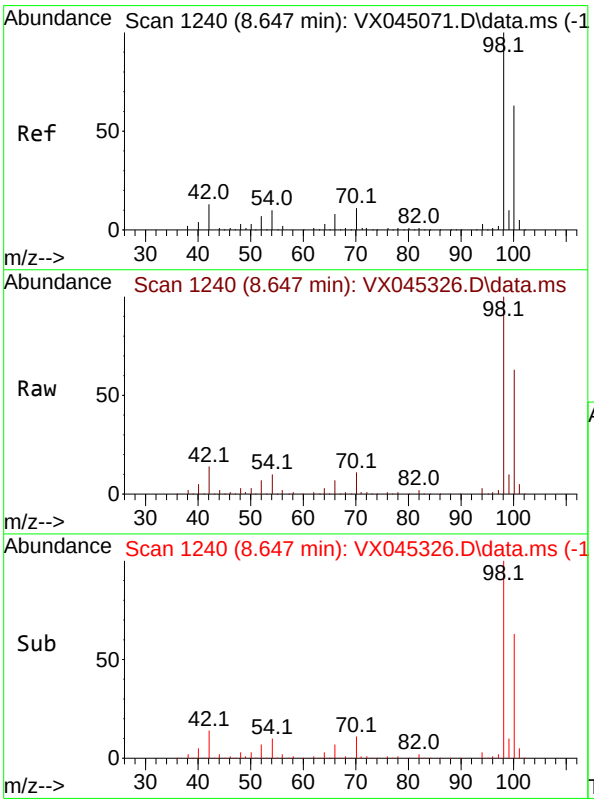
#35
Dibromofluoromethane
Concen: 51.475 ug/l
RT: 5.379 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045326.D
Acq: 18 Mar 2025 15:38

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-10-20250312

Tgt Ion:113 Resp: 45186

Ion	Ratio	Lower	Upper
113	100		
111	104.3	81.8	122.6
192	17.0	14.3	21.5

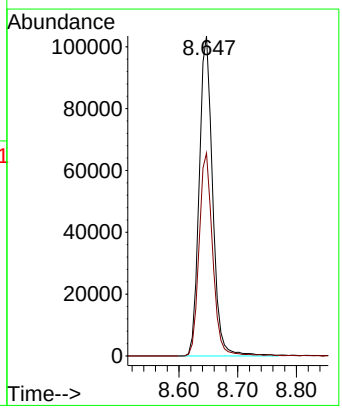


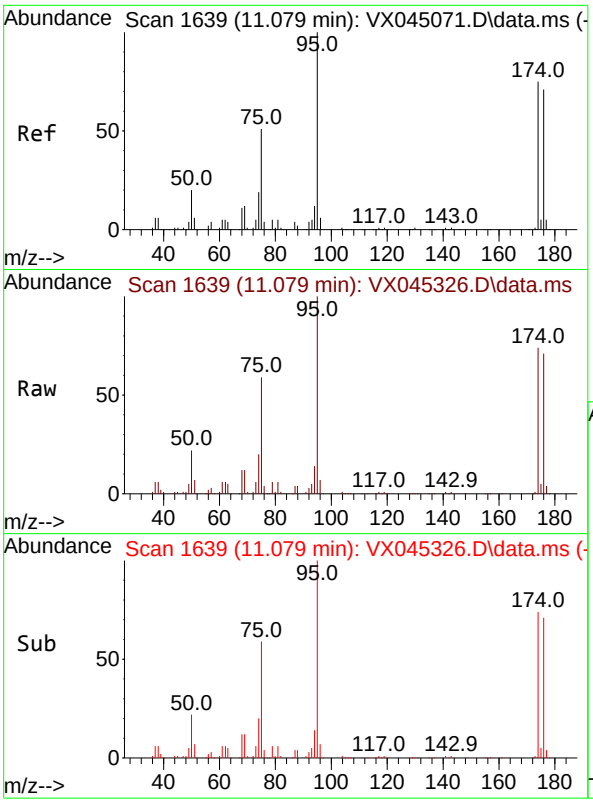


#50
Toluene-d8
Concen: 51.654 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045326.D
Acq: 18 Mar 2025 15:38

Tgt Ion: 98 Resp: 164385

Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.0	78.0



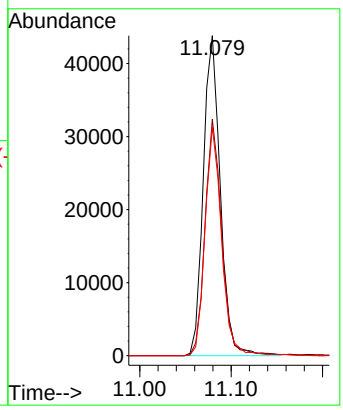


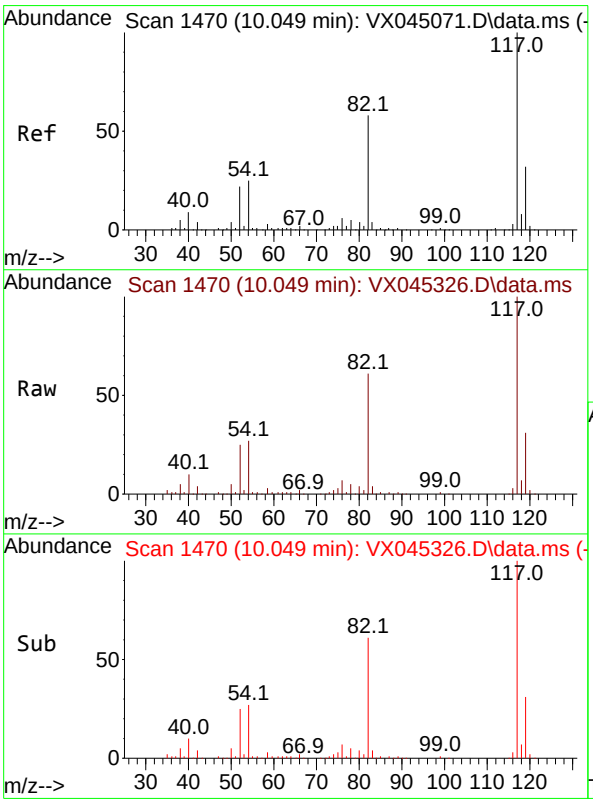
#62
4-Bromofluorobenzene
Concen: 53.724 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045326.D
Acq: 18 Mar 2025 15:38

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-10-20250312

Tgt Ion: 95 Resp: 56655

Ion	Ratio	Lower	Upper
95	100		
174	72.6	0.0	148.2
176	68.8	0.0	141.4

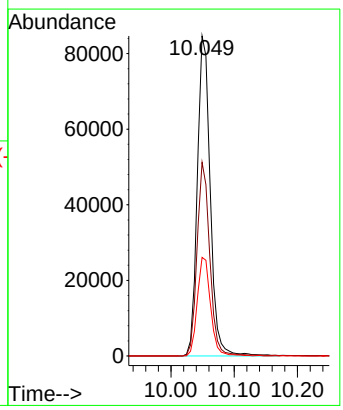


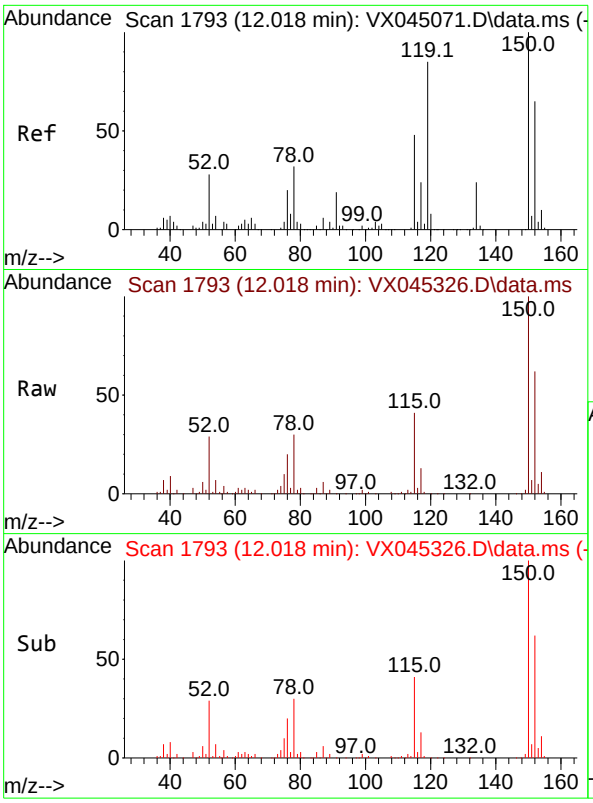


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045326.D
Acq: 18 Mar 2025 15:38

Tgt Ion:117 Resp: 120528

Ion	Ratio	Lower	Upper
117	100		
82	60.5	46.3	69.5
119	30.8	25.7	38.5



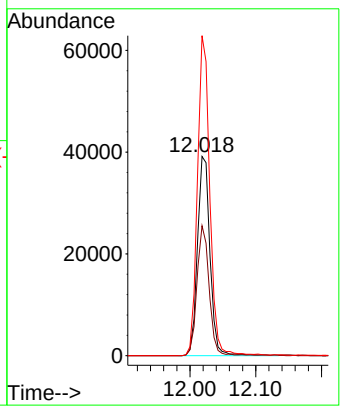


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045326.D
Acq: 18 Mar 2025 15:38

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-10-20250312

Tgt Ion:152 Resp: 51968

Ion	Ratio	Lower	Upper
152	100		
115	63.4	44.2	132.6
150	157.6	0.0	349.0



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

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	03/12/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	03/12/25
Client Sample ID:	BPOW6-11-20250312	SDG No.:	Q1557
Lab Sample ID:	Q1557-07	Matrix:	Water
Analytical Method:	SW8260	% 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
VX045327.D	1		03/18/25 16:01	VX031825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.50	U	0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	0.50	U	0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	3.80	U	1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	0.75	U	0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.75	U	0.23	0.75	1.00	ug/L
67-64-1	Acetone	2.20	J	1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.75	U	0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
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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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:	03/12/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	03/12/25
Client Sample ID:	BPOW6-11-20250312	SDG No.:	Q1557
Lab Sample ID:	Q1557-07	Matrix:	Water
Analytical Method:	SW8260	% 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
VX045327.D	1		03/18/25 16:01	VX031825

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	56.5		81 - 118		113%	SPK: 50
1868-53-7	Dibromofluoromethane	52.0		80 - 119		104%	SPK: 50
2037-26-5	Toluene-d8	50.9		89 - 112		102%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.7		85 - 114		101%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	71500	5.55				
540-36-3	1,4-Difluorobenzene	141000	6.757				
3114-55-4	Chlorobenzene-d5	127000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	51000	12.018				

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:	03/12/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	03/12/25
Client Sample ID:	BPOW6-11-20250312	SDG No.:	Q1557
Lab Sample ID:	Q1557-07	Matrix:	Water
Analytical Method:	SW8260	% 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
VX045327.D	1		03/18/25 16:01	VX031825

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\VX031825\
Data File : VX045327.D
Acq On : 18 Mar 2025 16:01
Operator : JC/MD
Sample : Q1557-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-11-20250312

Quant Time: Mar 19 01:46:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

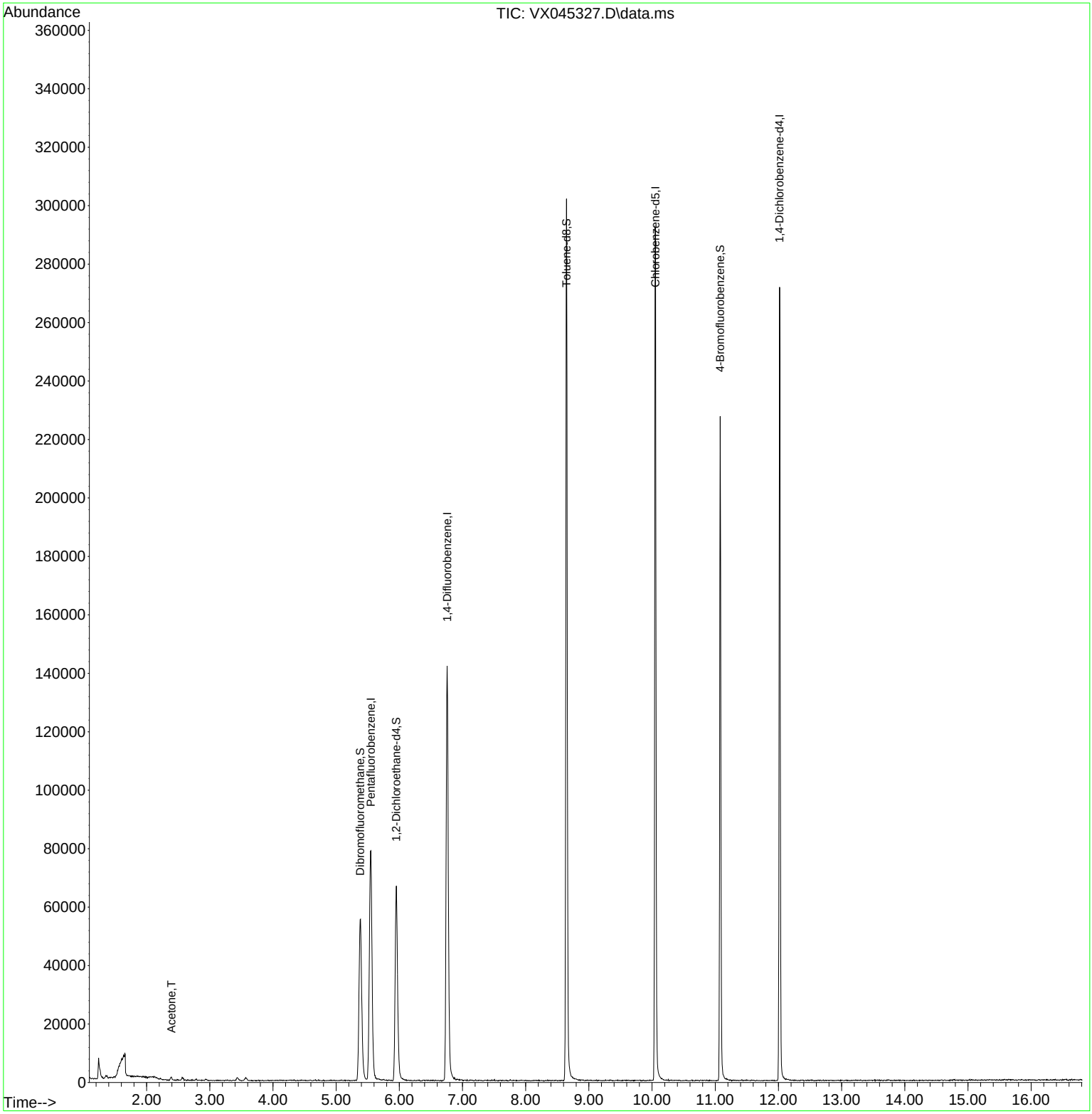
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	71499	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	141297	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	127382	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50993	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64290	56.529	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.060%			
35) Dibromofluoromethane	5.379	113	49093	51.960	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.920%			
50) Toluene-d8	8.647	98	174224	50.864	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.720%			
62) 4-Bromofluorobenzene	11.079	95	57530	50.686	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.380%			
Target Compounds						Qvalue
16) Acetone	2.392	43	1174	2.225	ug/l	96

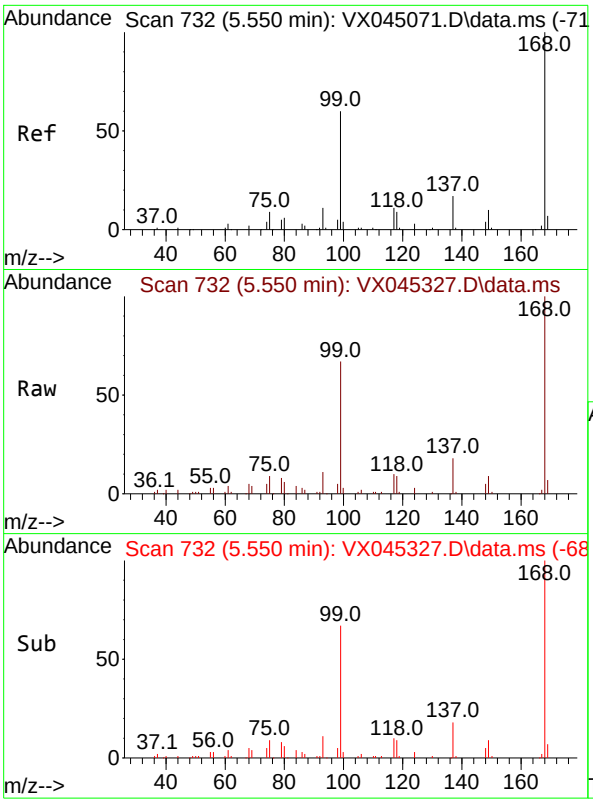
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045327.D
Acq On : 18 Mar 2025 16:01
Operator : JC/MD
Sample : Q1557-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-11-20250312

Quant Time: Mar 19 01:46:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration



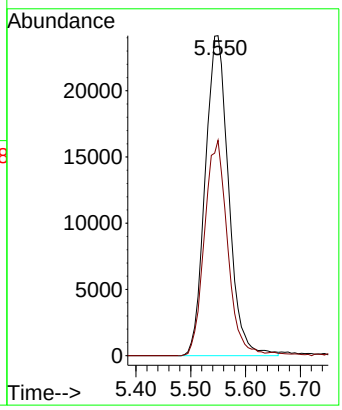


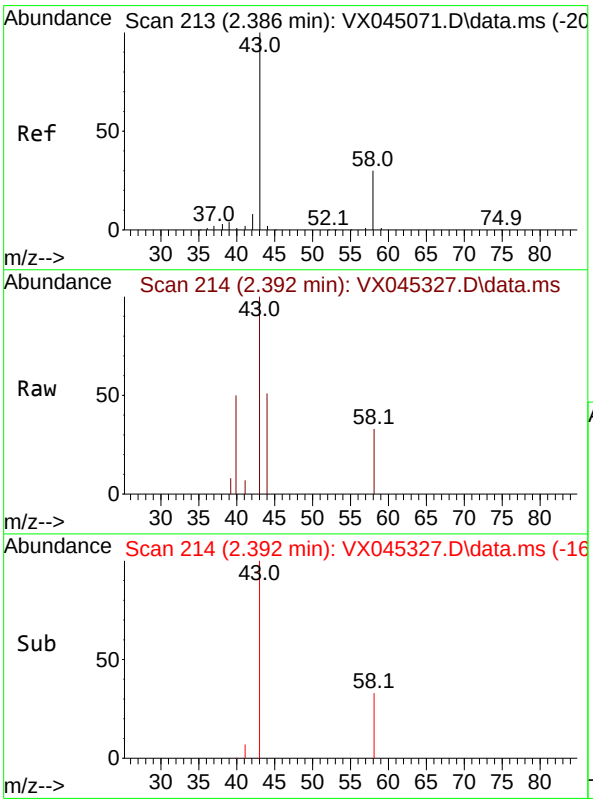
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045327.D
Acq: 18 Mar 2025 16:01

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-11-20250312

Tgt Ion:168 Resp: 71499

Ion	Ratio	Lower	Upper
168	100		
99	67.3	48.2	72.4

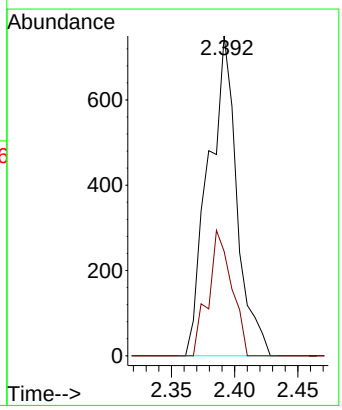


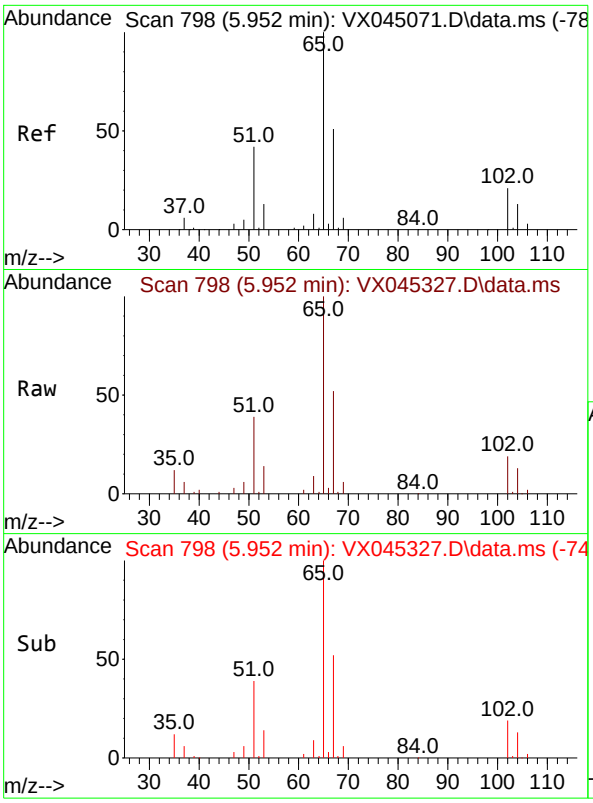


#16
Acetone
Concen: 2.225 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX045327.D
Acq: 18 Mar 2025 16:01

Tgt Ion: 43 Resp: 1174

Ion	Ratio	Lower	Upper
43	100		
58	32.7	24.2	36.4



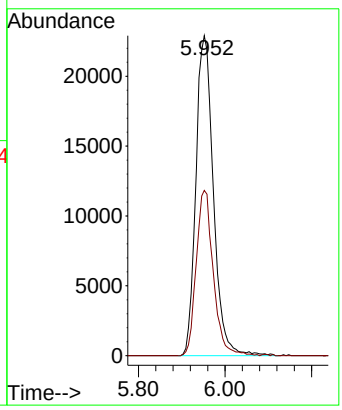


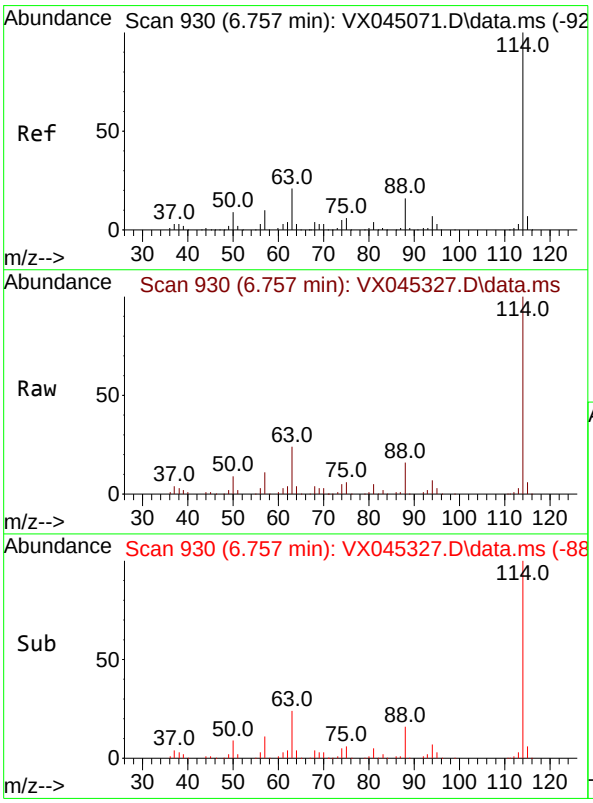
#33
1,2-Dichloroethane-d4
Concen: 56.529 ug/l
RT: 5.952 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045327.D
Acq: 18 Mar 2025 16:01

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-11-20250312

Tgt Ion: 65 Resp: 64290

Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	106.2

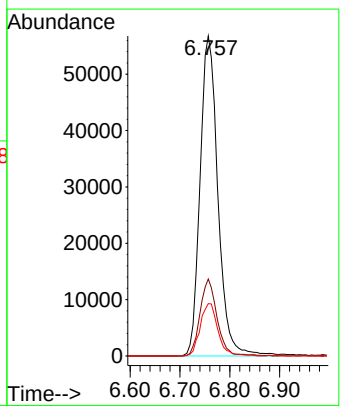


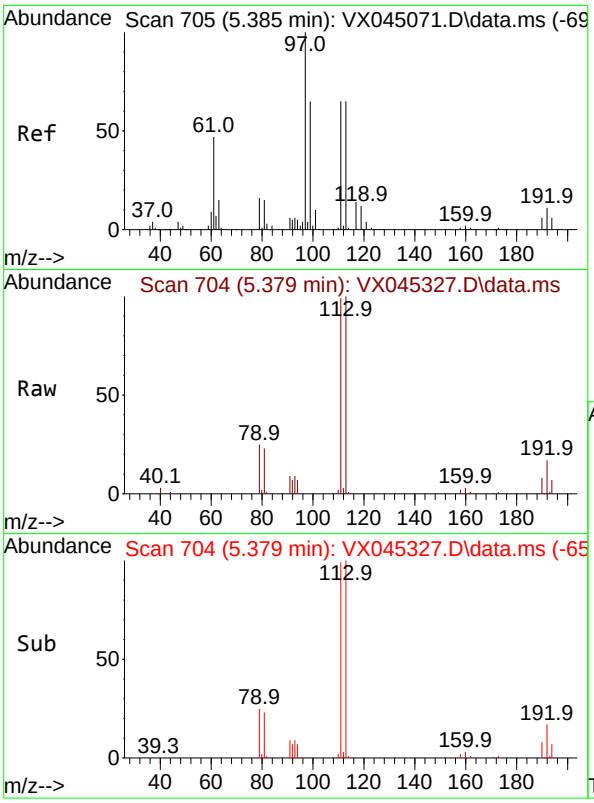


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX045327.D
Acq: 18 Mar 2025 16:01

Tgt Ion:114 Resp: 141297

Ion	Ratio	Lower	Upper
114	100		
63	24.0	0.0	41.8
88	16.3	0.0	32.8



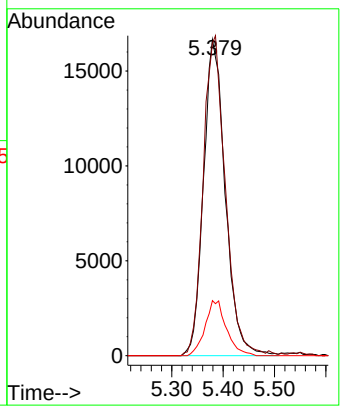


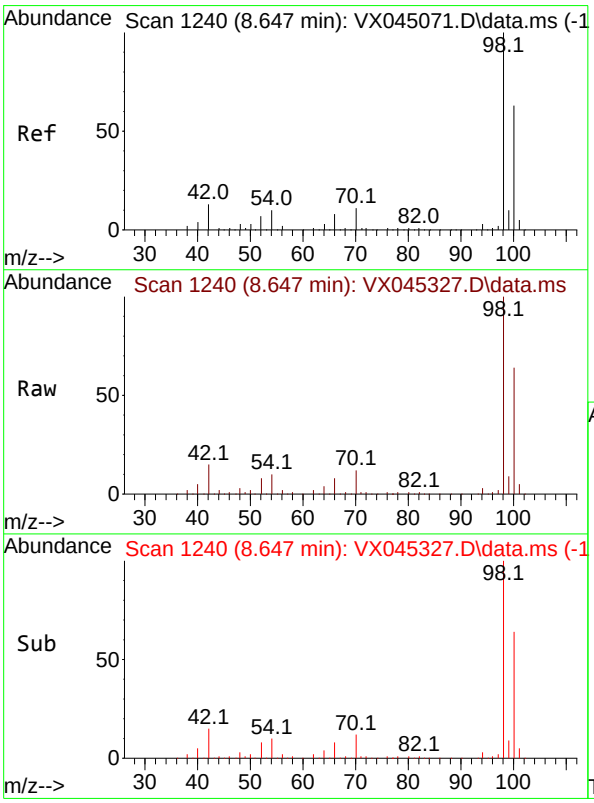
#35
Dibromofluoromethane
Concen: 51.960 ug/l
RT: 5.379 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045327.D
Acq: 18 Mar 2025 16:01

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-11-20250312

Tgt Ion:113 Resp: 49093

Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.8	122.6
192	17.0	14.3	21.5

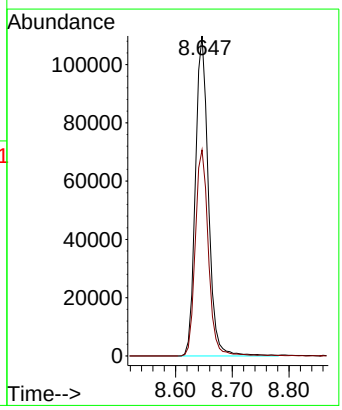


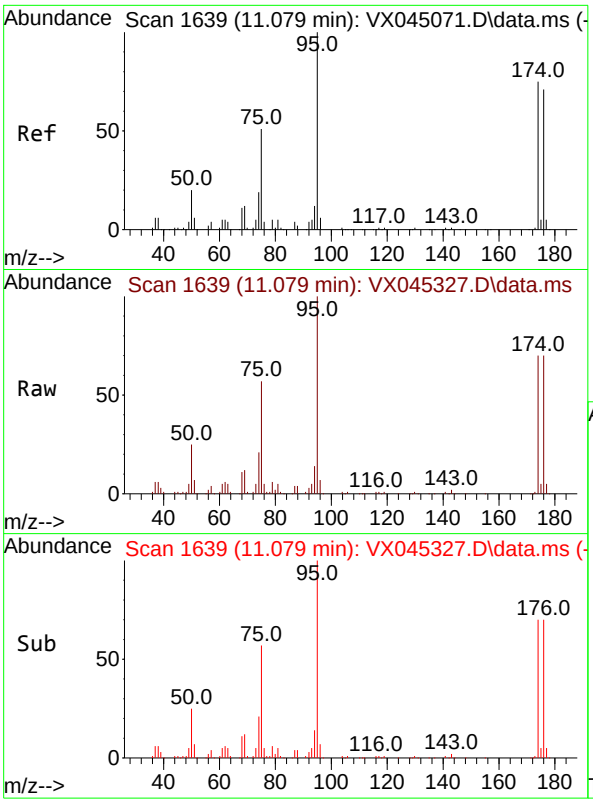


#50
Toluene-d8
Concen: 50.864 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045327.D
Acq: 18 Mar 2025 16:01

Tgt Ion: 98 Resp: 174224

Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.0	78.0



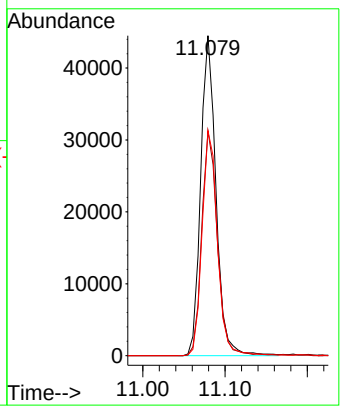


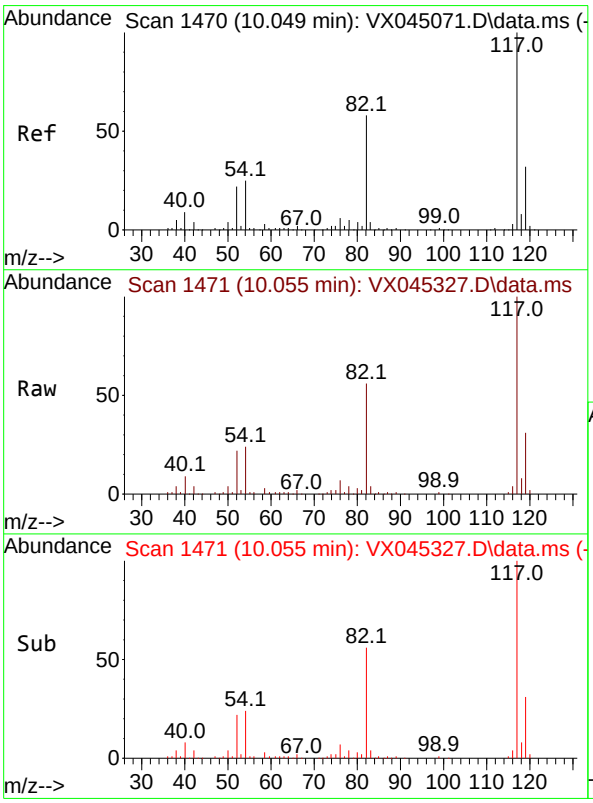
#62
4-Bromofluorobenzene
Concen: 50.686 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045327.D
Acq: 18 Mar 2025 16:01

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-11-20250312

Tgt Ion: 95 Resp: 57530

Ion	Ratio	Lower	Upper
95	100		
174	72.0	0.0	148.2
176	70.9	0.0	141.4

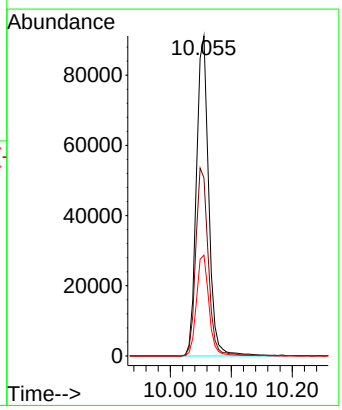


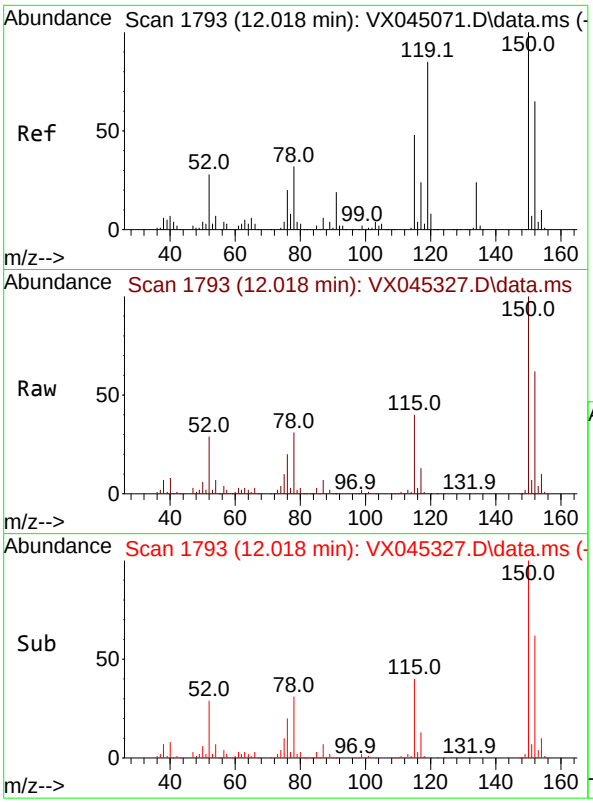


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045327.D
Acq: 18 Mar 2025 16:01

Tgt Ion:117 Resp: 127382

Ion	Ratio	Lower	Upper
117	100		
82	55.7	46.3	69.5
119	31.5	25.7	38.5



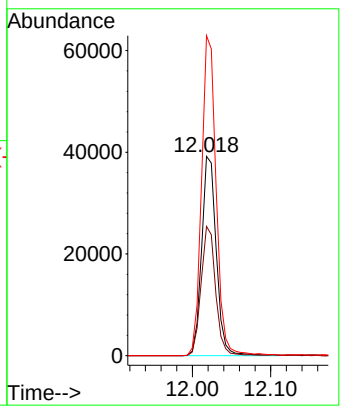


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045327.D
Acq: 18 Mar 2025 16:01

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-11-20250312

Tgt Ion:152 Resp: 50993

Ion	Ratio	Lower	Upper
152	100		
115	64.3	44.2	132.6
150	160.1	0.0	349.0



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

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	03/12/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	03/12/25
Client Sample ID:	DUP04-20250312	SDG No.:	Q1557
Lab Sample ID:	Q1557-08	Matrix:	Water
Analytical Method:	SW8260	% 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
VX045328.D	1		03/18/25 16:24	VX031825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.50	U	0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	0.50	U	0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	3.80	U	1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	0.75	U	0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.75	U	0.23	0.75	1.00	ug/L
67-64-1	Acetone	2.60	J	1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.75	U	0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	0.75	U	0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	2.50	U	1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	2.50	U	0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	1.00	ug/L
67-66-3	Chloroform	0.50	U	0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.16	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.68	2.50	5.00	ug/L
108-88-3	Toluene	0.50	U	0.14	0.50	1.00	ug/L

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:	03/12/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	03/12/25
Client Sample ID:	DUP04-20250312	SDG No.:	Q1557
Lab Sample ID:	Q1557-08	Matrix:	Water
Analytical Method:	SW8260	% 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
VX045328.D	1		03/18/25 16:24	VX031825

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	57.5		81 - 118		115%	SPK: 50
1868-53-7	Dibromofluoromethane	52.2		80 - 119		104%	SPK: 50
2037-26-5	Toluene-d8	51.1		89 - 112		102%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.3		85 - 114		111%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	65100	5.55				
540-36-3	1,4-Difluorobenzene	129000	6.757				
3114-55-4	Chlorobenzene-d5	119000	10.049				
3855-82-1	1,4-Dichlorobenzene-d4	49000	12.018				

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:	03/12/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	03/12/25
Client Sample ID:	DUP04-20250312	SDG No.:	Q1557
Lab Sample ID:	Q1557-08	Matrix:	Water
Analytical Method:	SW8260	% 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
VX045328.D	1		03/18/25 16:24	VX031825

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\VX031825\
Data File : VX045328.D
Acq On : 18 Mar 2025 16:24
Operator : JC/MD
Sample : Q1557-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP04-20250312

Quant Time: Mar 19 01:46:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

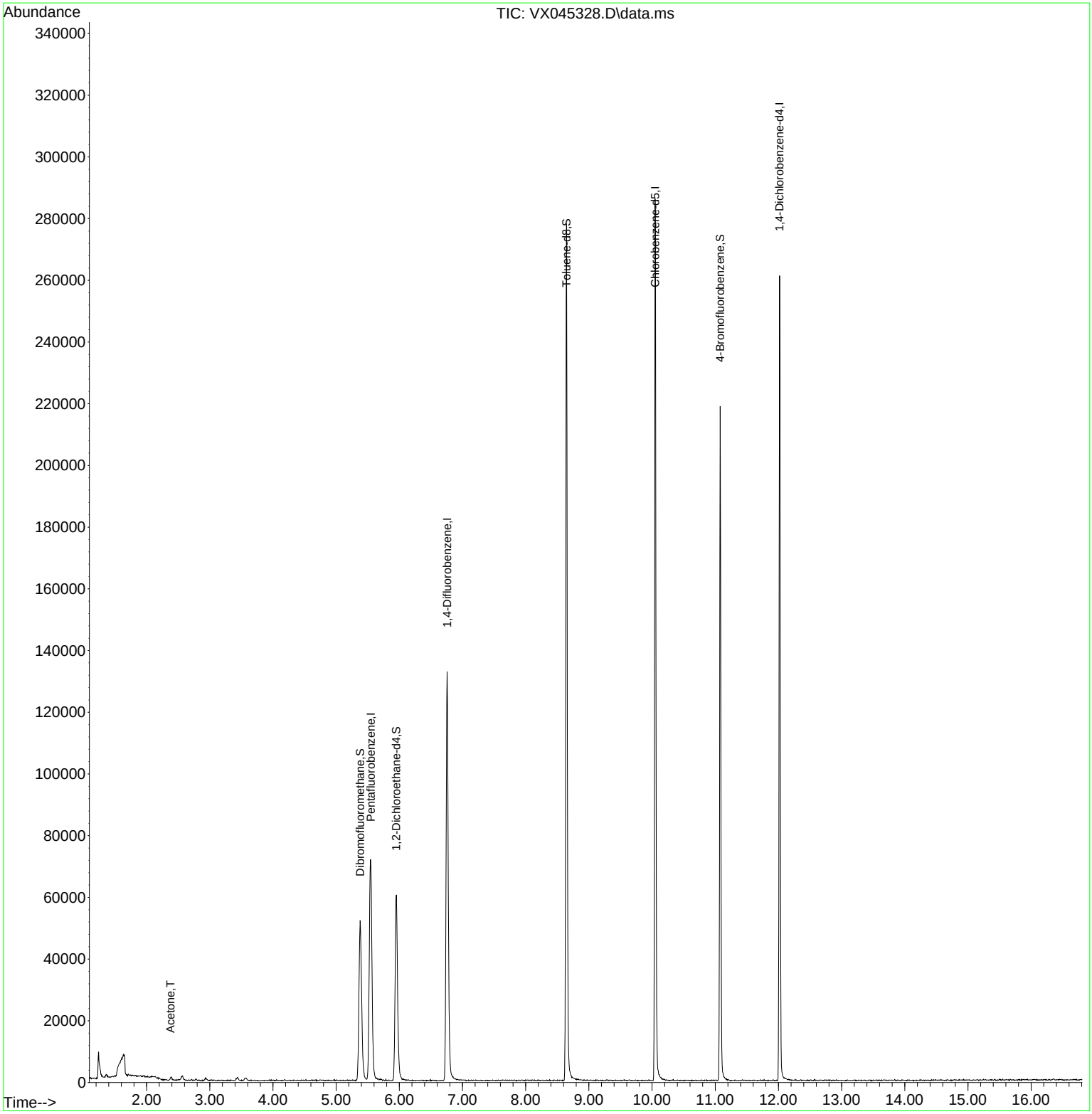
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	65075	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	128881	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	118997	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	48990	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59520	57.501	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.000%			
35) Dibromofluoromethane	5.379	113	44992	52.207	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.420%			
50) Toluene-d8	8.647	98	159779	51.141	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.280%			
62) 4-Bromofluorobenzene	11.079	95	57283	55.330	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 110.660%			
Target Compounds						Qvalue
16) Acetone	2.380	43	1244	2.590	ug/l	93

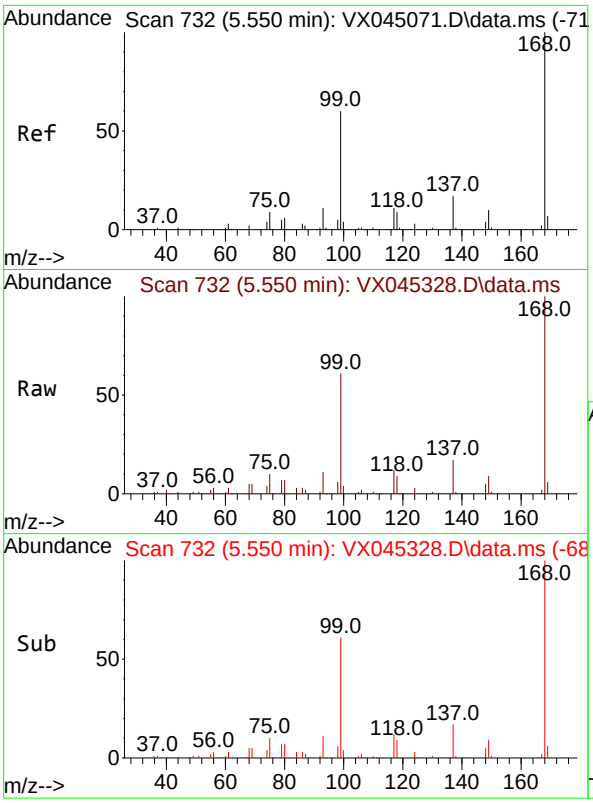
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045328.D
Acq On : 18 Mar 2025 16:24
Operator : JC/MD
Sample : Q1557-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP04-20250312

Quant Time: Mar 19 01:46:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration



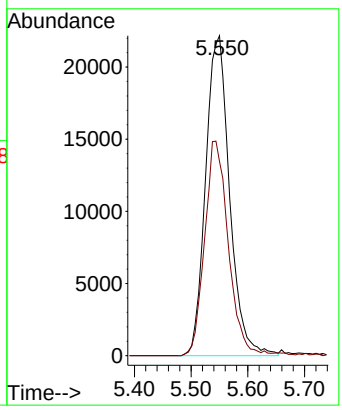


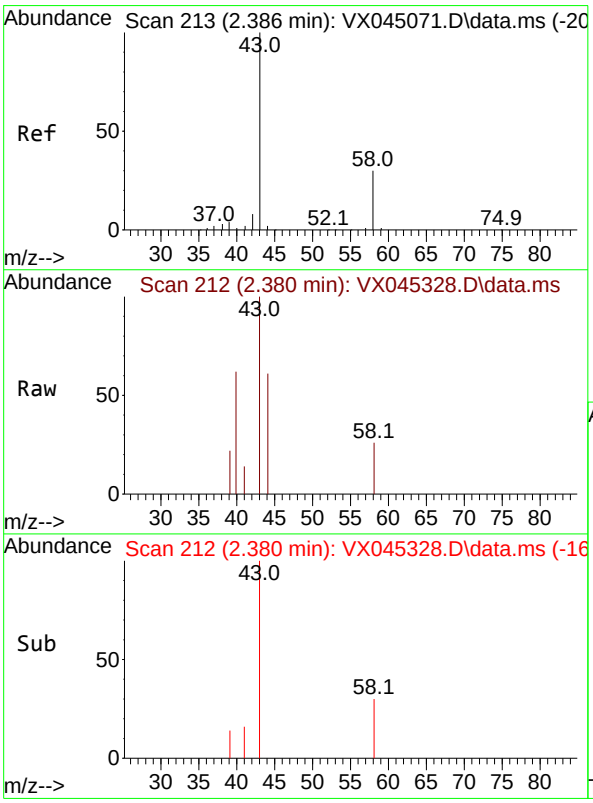
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045328.D
Acq: 18 Mar 2025 16:24

Instrument :
MSVOA_X
ClientSampleId :
DUP04-20250312

Tgt Ion:168 Resp: 65075

Ion	Ratio	Lower	Upper
168	100		
99	60.8	48.2	72.4

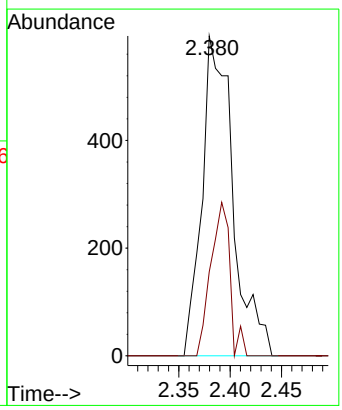


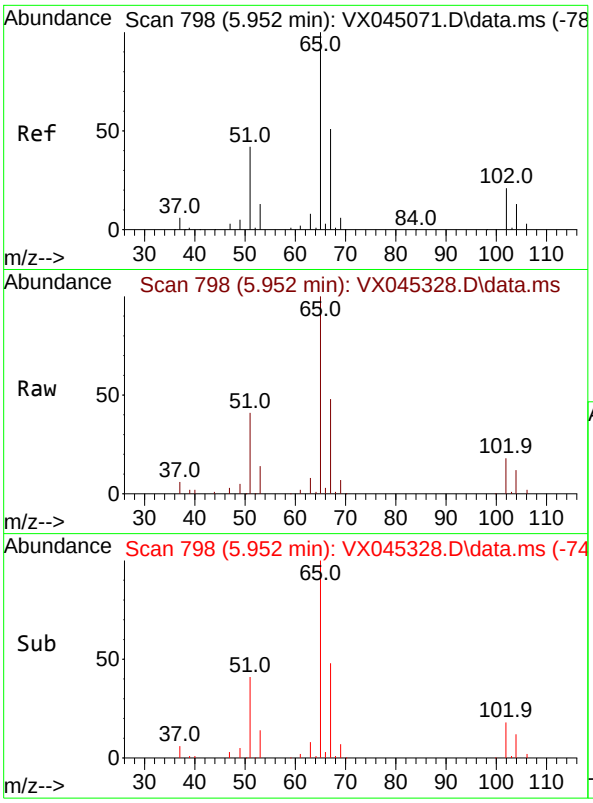


#16
Acetone
Concen: 2.590 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045328.D
Acq: 18 Mar 2025 16:24

Tgt Ion: 43 Resp: 1244

Ion	Ratio	Lower	Upper
43	100		
58	26.3	24.2	36.4



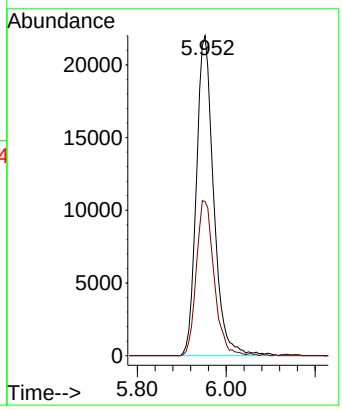


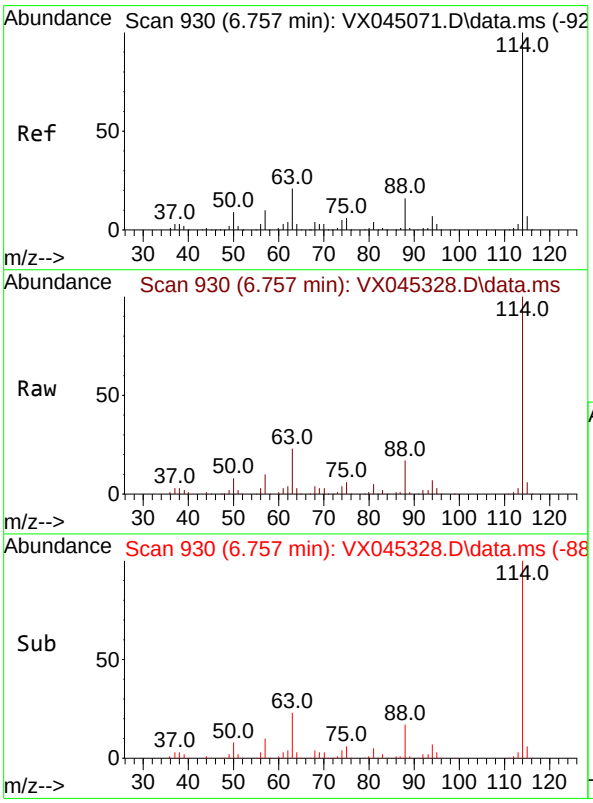
#33
1,2-Dichloroethane-d4
Concen: 57.501 ug/l
RT: 5.952 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045328.D
Acq: 18 Mar 2025 16:24

Instrument :
MSVOA_X
ClientSampleId :
DUP04-20250312

Tgt Ion: 65 Resp: 59520

Ion	Ratio	Lower	Upper
65	100		
67	49.7	0.0	106.2

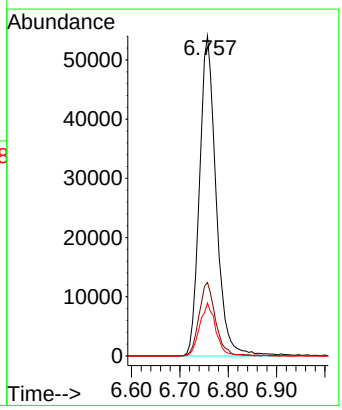


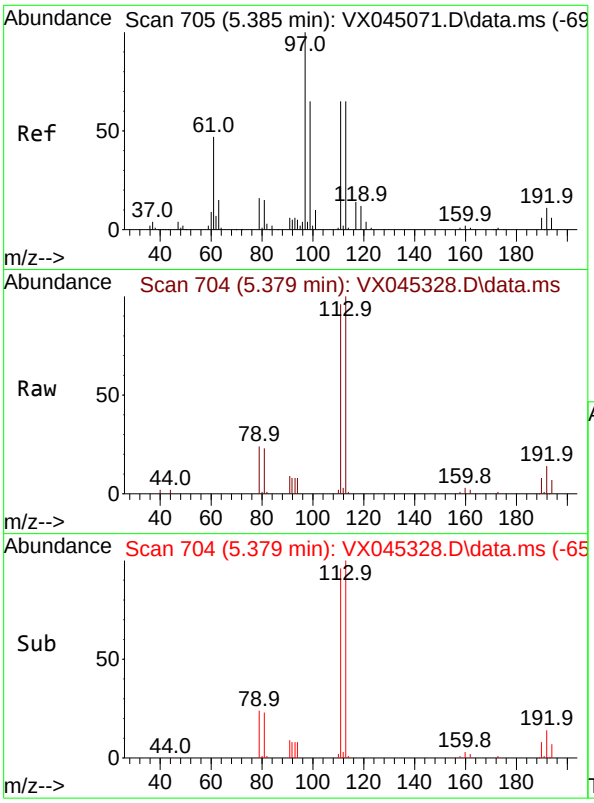


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX045328.D
Acq: 18 Mar 2025 16:24

Tgt Ion:114 Resp: 128881

Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	41.8
88	16.6	0.0	32.8



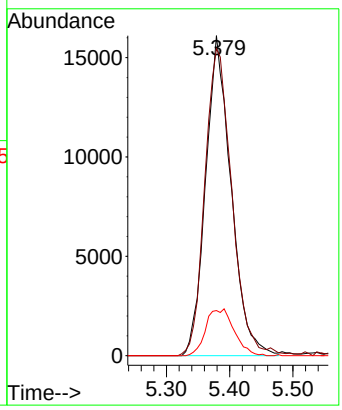


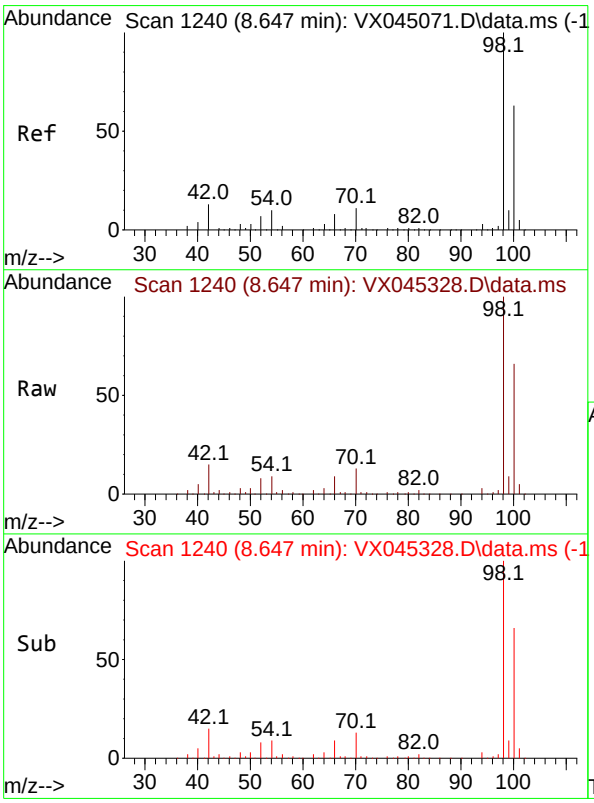
#35
Dibromofluoromethane
Concen: 52.207 ug/l
RT: 5.379 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045328.D
Acq: 18 Mar 2025 16:24

Instrument :
MSVOA_X
ClientSampleId :
DUP04-20250312

Tgt Ion:113 Resp: 44992

Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.8	122.6
192	16.3	14.3	21.5

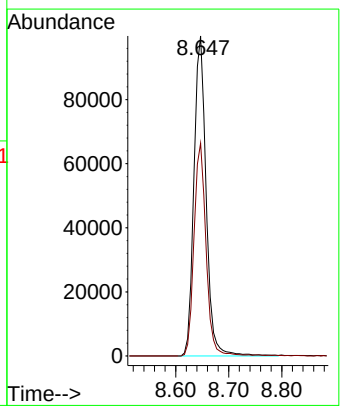


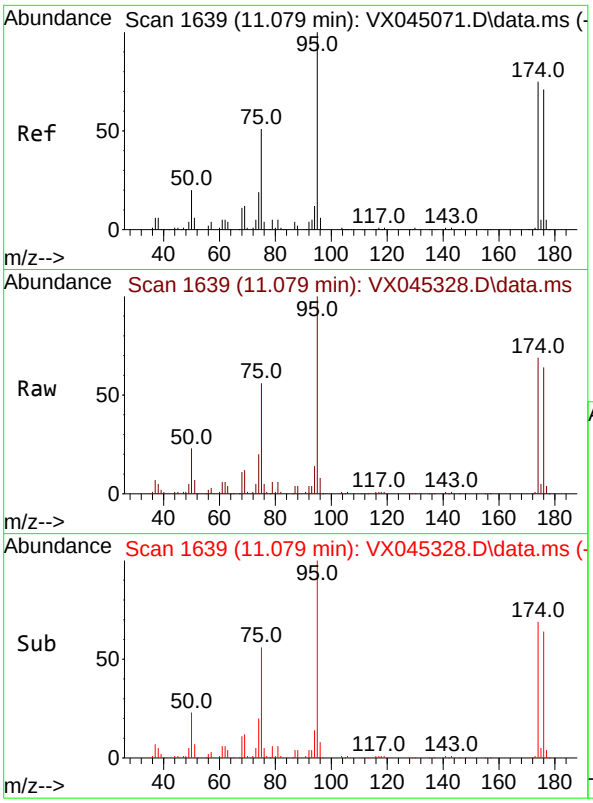


#50
Toluene-d8
Concen: 51.141 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045328.D
Acq: 18 Mar 2025 16:24

Tgt Ion: 98 Resp: 159779

Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.0	78.0



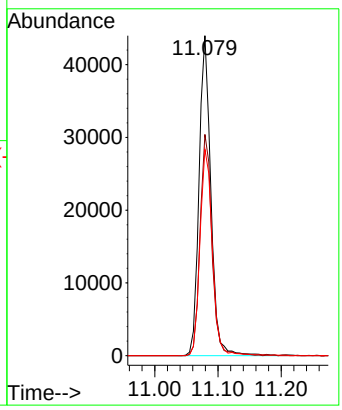


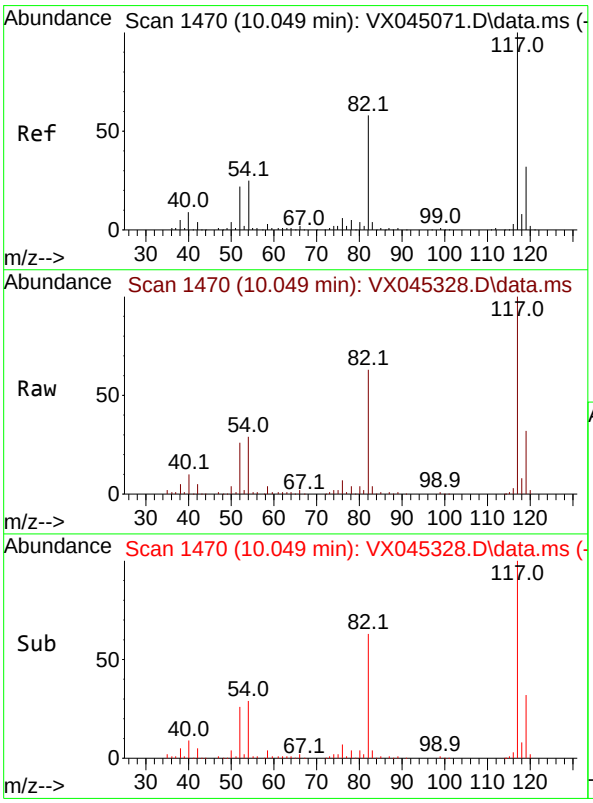
#62
4-Bromofluorobenzene
Concen: 55.330 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045328.D
Acq: 18 Mar 2025 16:24

Instrument :
MSVOA_X
ClientSampleId :
DUP04-20250312

Tgt Ion: 95 Resp: 57283

Ion	Ratio	Lower	Upper
95	100		
174	69.6	0.0	148.2
176	67.7	0.0	141.4

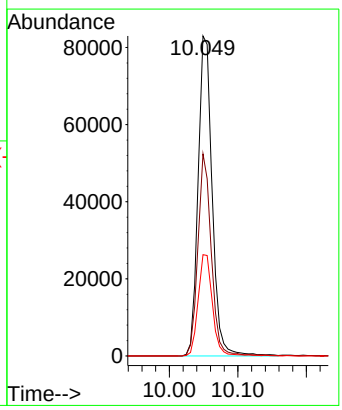


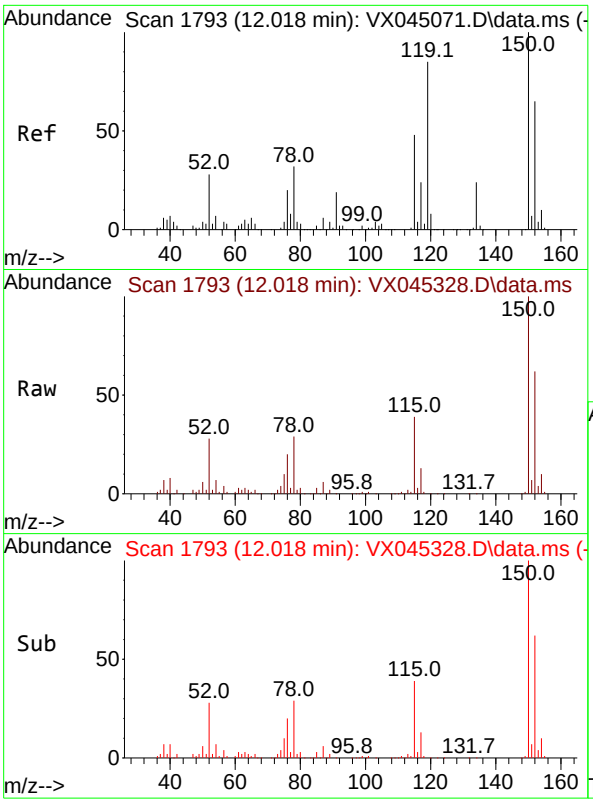


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045328.D
Acq: 18 Mar 2025 16:24

Tgt Ion:117 Resp: 118997

Ion	Ratio	Lower	Upper
117	100		
82	63.2	46.3	69.5
119	31.7	25.7	38.5



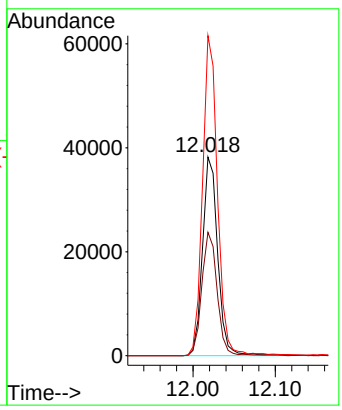


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045328.D
Acq: 18 Mar 2025 16:24

Instrument :
MSVOA_X
ClientSampleId :
DUP04-20250312

Tgt Ion:152 Resp: 48990

Ion	Ratio	Lower	Upper
152	100		
115	63.1	44.2	132.6
150	157.1	0.0	349.0



CALIBRATION SUMMARY

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: AECO15

Lab Code: CHEM Case No.: Q1557 SAS No.: Q1557 SDG No.: Q1557

Instrument ID: MSVOA_X Calibration Date(s): 02/28/2025 02/28/2025

Heated Purge: (Y/N) N Calibration Time(s): 01:27 03:47

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

LAB FILE ID: RRF001 = VX045068.D RRF005 = VX045069.D RRF020 = VX045070.D
RRF050 = VX045071.D RRF100 = VX045072.D RRF150 = VX045073.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.624	0.646	0.646	0.627	0.626	0.607	0.629	2.4
Chloromethane	0.755	0.821	0.828	0.753	0.721	0.744	0.770	5.7
Vinyl Chloride	0.773	0.755	0.774	0.761	0.765	0.758	0.764	1
Bromomethane		0.337	0.298	0.292	0.284	0.291	0.300	7
Chloroethane	0.373	0.421	0.366	0.373	0.297	0.286	0.352	14.5
Trichlorofluoromethane	0.978	1.061	1.050	1.050	0.982	0.948	1.012	4.7
1,1,2-Trichlorotrifluoroethane	0.526	0.613	0.595	0.594	0.596	0.563	0.581	5.4
1,1-Dichloroethene	0.609	0.620	0.612	0.623	0.620	0.603	0.614	1.3
Acetone	0.414	0.363	0.384	0.351	0.345	0.356	0.369	7
Carbon Disulfide	1.584	1.582	1.587	1.660	1.708	1.698	1.636	3.6
Methyl tert-butyl Ether	1.955	1.913	2.127	2.083	2.132	2.158	2.061	5
Methyl Acetate	0.954	0.835	0.903	0.867	0.869	0.899	0.888	4.6
Methylene Chloride	0.806	0.730	0.752	0.698	0.694	0.706	0.731	5.8
trans-1,2-Dichloroethene	0.540	0.619	0.603	0.631	0.634	0.616	0.607	5.7
1,1-Dichloroethane	1.200	1.223	1.280	1.242	1.270	1.264	1.247	2.5
Cyclohexane		1.021	1.087	1.108	1.142	1.052	1.082	4.3
2-Butanone	0.476	0.545	0.610	0.579	0.553	0.570	0.555	8.1
Carbon Tetrachloride	0.463	0.463	0.447	0.468	0.489	0.463	0.465	3
cis-1,2-Dichloroethene	0.687	0.746	0.765	0.762	0.767	0.769	0.749	4.2
Bromochloromethane	0.557	0.633	0.613	0.603	0.563	0.596	0.594	5
Chloroform	1.206	1.247	1.278	1.246	1.230	1.225	1.239	2
1,1,1-Trichloroethane	0.908	0.992	1.009	1.024	1.044	1.025	1.000	4.8
Methylcyclohexane	0.464	0.530	0.560	0.585	0.607	0.550	0.549	9.1
Benzene	1.321	1.459	1.491	1.496	1.497	1.424	1.448	4.7
1,2-Dichloroethane	0.487	0.525	0.545	0.528	0.524	0.520	0.521	3.6
Trichloroethene	0.319	0.351	0.339	0.341	0.354	0.336	0.340	3.7
1,2-Dichloropropane	0.354	0.378	0.382	0.371	0.376	0.373	0.372	2.7
Bromodichloromethane	0.478	0.503	0.536	0.524	0.528	0.528	0.516	4.2
4-Methyl-2-Pentanone	0.535	0.570	0.647	0.610	0.579	0.579	0.587	6.5
Toluene	0.716	0.872	0.892	0.898	0.874	0.845	0.849	8

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

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: AECO15

Lab Code: CHEM Case No.: Q1557 SAS No.: Q1557 SDG No.: Q1557

Instrument ID: MSVOA_X Calibration Date(s): 02/28/2025 02/28/2025

Heated Purge: (Y/N) N Calibration Time(s): 01:27 03:47

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

LAB FILE ID: RRF001 = VX045068.D RRF005 = VX045069.D RRF020 = VX045070.D
RRF050 = VX045071.D RRF100 = VX045072.D RRF150 = VX045073.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.304	0.389	0.436	0.469	0.490	0.502	0.431	17.3
cis-1,3-Dichloropropene	0.404	0.463	0.509	0.535	0.555	0.553	0.503	11.8
1,1,2-Trichloroethane	0.346	0.348	0.371	0.356	0.341	0.336	0.350	3.6
2-Hexanone	0.349	0.412	0.476	0.448	0.431	0.436	0.425	10.1
Dibromochloromethane	0.305	0.349	0.390	0.384	0.385	0.380	0.366	9
1,2-Dibromoethane	0.311	0.352	0.371	0.356	0.355	0.350	0.349	5.7
Tetrachloroethene	0.315	0.326	0.319	0.324	0.329	0.309	0.320	2.3
Chlorobenzene	0.968	1.054	1.090	1.092	1.100	1.045	1.058	4.7
Ethyl Benzene	1.566	1.794	1.889	1.952	1.972	1.888	1.843	8.1
m/p-Xylenes	0.555	0.672	0.711	0.724	0.715	0.673	0.675	9.3
o-Xylene	0.609	0.689	0.702	0.706	0.707	0.670	0.681	5.5
Styrene	0.879	1.060	1.170	1.181	1.183	1.134	1.101	10.7
Bromoform	0.209	0.234	0.276	0.276	0.300	0.300	0.266	13.9
Isopropylbenzene	3.397	4.034	3.999	4.135	4.006	3.845	3.903	6.8
1,1,2,2-Tetrachloroethane	1.395	1.479	1.513	1.419	1.391	1.396	1.432	3.6
1,3-Dichlorobenzene	1.502	1.652	1.710	1.668	1.675	1.649	1.643	4.4
1,4-Dichlorobenzene	1.605	1.702	1.665	1.687	1.669	1.643	1.662	2.1
1,2-Dichlorobenzene	1.479	1.695	1.735	1.668	1.687	1.622	1.648	5.5
1,2-Dibromo-3-Chloropropane	0.237	0.243	0.285	0.289	0.300	0.320	0.279	11.6
1,2,4-Trichlorobenzene	0.668	0.821	0.978	1.009	1.074	1.080	0.938	17.3
1,2,3-Trichlorobenzene	0.747	0.897	1.032	1.059	1.107	1.096	0.990	14.2
1,2-Dichloroethane-d4		0.836	0.784	0.757	0.783	0.817	0.795	3.9
Dibromofluoromethane		0.329	0.335	0.329	0.340	0.338	0.334	1.5
Toluene-d8		1.237	1.191	1.210	1.219	1.203	1.212	1.4
4-Bromofluorobenzene		0.383	0.393	0.402	0.410	0.421	0.402	3.7

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

Response Factor Report MSVOA_X2

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X022825W.M
Title : SW846 8260
Last Update : Fri Feb 28 06:45:16 2025
Response Via : Initial Calibration

Calibration Files
1 =VX045068.D 5 =VX045069.D 20 =VX045070.D 50 =VX045071.D 100 =VX045072.D 150 =VX045073.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.624	0.646	0.646	0.627	0.626	0.607	0.629	2.38
3)	P	Chloromethane	0.755	0.821	0.828	0.753	0.721	0.744	0.770	5.68
4)	C	Vinyl Chloride	0.773	0.755	0.774	0.761	0.765	0.758	0.764	1.03#
5)	T	Bromomethane		0.337	0.298	0.292	0.284	0.291	0.300	7.01
6)	T	Chloroethane	0.373	0.421	0.366	0.373	0.297	0.286	0.352	14.54
7)	T	Trichlorofluor...	0.978	1.061	1.050	1.050	0.982	0.948	1.011	4.73
8)	T	Diethyl Ether	0.406	0.402	0.409	0.387	0.387	0.383	0.396	2.83
9)	T	1,1,2-Trichlor...	0.526	0.613	0.595	0.594	0.596	0.563	0.581	5.41
10)	T	Methyl Iodide		0.607	0.758	0.769	0.758	0.739	0.726	9.28
11)	T	Tert butyl alc...		0.189	0.161	0.134	0.133	0.136	0.151	16.19
12)	CM	1,1-Dichloroet...	0.609	0.620	0.612	0.623	0.620	0.603	0.614	1.27#
13)	T	Acrolein		0.162	0.173	0.174	0.178	0.184	0.174	4.53
14)	T	Allyl chloride	1.140	1.047	1.104	1.107	1.091	1.072	1.094	2.92
15)	T	Acrylonitrile	0.396	0.398	0.432	0.410	0.387	0.399	0.404	3.90
16)	T	Acetone	0.414	0.363	0.384	0.351	0.345	0.356	0.369	7.04
17)	T	Carbon Disulfide	1.584	1.582	1.587	1.660	1.708	1.698	1.636	3.62
18)	T	Methyl Acetate	0.954	0.835	0.903	0.867	0.869	0.899	0.888	4.59
19)	T	Methyl tert-bu...	1.955	1.913	2.127	2.083	2.132	2.158	2.061	4.97
20)	T	Methylene Chlo...	0.806	0.730	0.752	0.698	0.694	0.706	0.731	5.84
21)	T	trans-1,2-Dich...	0.540	0.619	0.603	0.631	0.634	0.616	0.607	5.73
22)	T	Diisopropyl ether	1.959	2.156	2.321	2.291	2.310	2.307	2.224	6.46
23)	T	Vinyl Acetate	1.486	1.655	1.961	1.973	2.012	2.049	1.856	12.38
24)	P	1,1-Dichloroet...	1.200	1.223	1.280	1.242	1.270	1.264	1.247	2.45
25)	T	2-Butanone	0.476	0.545	0.610	0.579	0.553	0.570	0.555	8.09
26)	T	2,2-Dichloropr...	0.519	0.562	0.588	0.597	0.617	0.626	0.585	6.74
27)	T	cis-1,2-Dichlo...	0.687	0.746	0.765	0.762	0.767	0.769	0.749	4.21
28)	T	Bromochloromet...	0.557	0.633	0.613	0.603	0.563	0.596	0.594	4.97
29)	T	Tetrahydrofuran	0.362	0.376	0.398	0.373	0.361	0.368	0.373	3.61
30)	C	Chloroform	1.206	1.247	1.278	1.246	1.230	1.225	1.239	1.97#
31)	T	Cyclohexane		1.021	1.087	1.108	1.142	1.052	1.082	4.35
32)	T	1,1,1-Trichlor...	0.908	0.992	1.009	1.024	1.044	1.025	1.000	4.83
33)	S	1,2-Dichloroet...		0.836	0.784	0.757	0.783	0.817	0.795	3.91
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.329	0.335	0.329	0.340	0.338	0.334	1.53
36)	T	1,1-Dichloropr...	0.446	0.462	0.444	0.469	0.476	0.455	0.459	2.77
37)	T	Ethyl Acetate	0.589	0.538	0.607	0.606	0.609	0.596	0.591	4.53
38)	T	Carbon Tetrach...	0.463	0.463	0.447	0.468	0.489	0.463	0.465	2.96
39)	T	Methylcyclohexane	0.464	0.530	0.560	0.585	0.607	0.550	0.549	9.07
40)	TM	Benzene	1.321	1.459	1.491	1.496	1.497	1.424	1.448	4.72
41)	T	Methacrylonitrile	0.284	0.293	0.337	0.340	0.332	0.330	0.319	7.59
42)	TM	1,2-Dichloroet...	0.487	0.525	0.545	0.528	0.524	0.520	0.521	3.63
43)	T	Isopropyl Acetate	0.675	0.800	0.940	0.929	0.935	0.964	0.874	12.98
44)	TM	Trichloroethene	0.319	0.351	0.339	0.341	0.354	0.336	0.340	3.72
45)	C	1,2-Dichloropr...	0.354	0.378	0.382	0.371	0.376	0.373	0.372	2.68#
46)	T	Dibromomethane	0.236	0.265	0.272	0.269	0.269	0.268	0.263	5.10
47)	T	Bromodichlorom...	0.478	0.503	0.536	0.524	0.528	0.528	0.516	4.23
48)	T	Methyl methacr...	0.352	0.422	0.460	0.463	0.458	0.475	0.438	10.46
49)	T	1,4-Dioxane	0.008	0.009	0.010	0.009	0.009	0.009	0.009	6.46
50)	S	Toluene-d8		1.237	1.191	1.210	1.219	1.203	1.212	1.43
51)	T	4-Methyl-2-Pen...	0.535	0.570	0.647	0.610	0.579	0.579	0.587	6.52
52)	CM	Toluene	0.716	0.872	0.892	0.898	0.874	0.845	0.849	8.03#
53)	T	t-1,3-Dichloro...	0.304	0.389	0.436	0.469	0.490	0.502	0.431	17.30
54)	T	cis-1,3-Dichlo...	0.404	0.463	0.509	0.535	0.555	0.553	0.503	11.80
55)	T	1,1,2-Trichlor...	0.346	0.348	0.371	0.356	0.341	0.336	0.350	3.63
56)	T	Ethyl methacry...	0.396	0.500	0.562	0.570	0.577	0.586	0.532	13.74

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X022825W.M

57)	T	1,3-Dichloropr...	0.560	0.623	0.643	0.620	0.597	0.588	0.605	4.90
58)	T	2-Chloroethyl ...	0.218	0.239	0.271	0.284	0.273	0.270	0.259	9.71
59)	T	2-Hexanone	0.349	0.412	0.476	0.448	0.431	0.436	0.425	10.08
60)	T	Dibromochlorom...	0.305	0.349	0.390	0.384	0.385	0.380	0.366	9.01
61)	T	1,2-Dibromoethane	0.311	0.352	0.371	0.356	0.355	0.350	0.349	5.73
62)	S	4-Bromofluorob...		0.383	0.393	0.402	0.410	0.421	0.402	3.67
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.315	0.326	0.319	0.324	0.329	0.309	0.320	2.33
65)	PM	Chlorobenzene	0.968	1.054	1.090	1.092	1.100	1.045	1.058	4.68
66)	T	1,1,1,2-Tetrac...	0.337	0.331	0.357	0.356	0.372	0.362	0.352	4.39
67)	C	Ethyl Benzene	1.566	1.794	1.889	1.952	1.972	1.888	1.843	8.11#
68)	T	m/p-Xylenes	0.555	0.672	0.711	0.724	0.715	0.673	0.675	9.27
69)	T	o-Xylene	0.609	0.689	0.702	0.706	0.707	0.670	0.681	5.52
70)	T	Styrene	0.879	1.060	1.170	1.181	1.183	1.134	1.101	10.75
71)	P	Bromoform	0.209	0.234	0.276	0.276	0.300	0.300	0.266	13.94
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.397	4.034	3.999	4.135	4.006	3.845	3.903	6.79
74)	T	N-amyl acetate	1.349	1.578	1.890	1.977	2.078	2.116	1.831	16.62
75)	P	1,1,2,2-Tetrac...	1.395	1.479	1.513	1.419	1.391	1.396	1.432	3.60
76)	T	1,2,3-Trichlor...	1.181	1.201	1.193	1.147	1.131	1.130	1.164	2.73
77)	T	Bromobenzene	0.899	0.947	0.939	0.939	0.910	0.891	0.921	2.57
78)	T	n-propylbenzene	3.451	4.375	4.577	4.805	4.696	4.548	4.409	11.14
79)	T	2-Chlorotoluene	2.788	2.888	2.828	2.869	2.770	2.702	2.808	2.45
80)	T	1,3,5-Trimethy...	2.611	3.211	3.373	3.384	3.224	3.131	3.156	9.01
81)	T	trans-1,4-Dich...		0.268	0.313	0.339	0.376	0.405	0.340	15.78
82)	T	4-Chlorotoluene	2.800	3.015	3.078	3.234	3.140	3.092	3.060	4.80
83)	T	tert-Butylbenzene	3.029	3.256	3.342	3.375	3.292	3.160	3.242	3.96
84)	T	1,2,4-Trimethy...	2.646	3.202	3.380	3.378	3.258	3.188	3.175	8.57
85)	T	sec-Butylbenzene	3.000	3.847	4.137	4.215	4.125	3.978	3.884	11.65
86)	T	p-Isopropyltol...	2.511	2.986	3.266	3.424	3.369	3.275	3.139	10.91
87)	T	1,3-Dichlorobe...	1.502	1.652	1.710	1.668	1.675	1.649	1.643	4.40
88)	T	1,4-Dichlorobe...	1.605	1.702	1.665	1.687	1.669	1.643	1.662	2.06
89)	T	n-Butylbenzene	1.905	2.359	2.788	3.013	3.099	3.057	2.703	17.67
90)	T	Hexachloroethane	0.470	0.498	0.568	0.605	0.633	0.633	0.568	12.30
91)	T	1,2-Dichlorobe...	1.479	1.695	1.735	1.668	1.687	1.622	1.648	5.50
92)	T	1,2-Dibromo-3-...	0.237	0.243	0.285	0.289	0.300	0.320	0.279	11.64
93)	T	1,2,4-Trichlor...	0.668	0.821	0.978	1.009	1.074	1.080	0.938	17.32
94)	T	Hexachlorobuta...	0.356	0.369	0.390	0.392	0.406	0.395	0.385	4.77
95)	T	Naphthalene	2.573	3.115	3.866	3.902	4.091	4.082	3.605	17.21
96)	T	1,2,3-Trichlor...	0.747	0.897	1.032	1.059	1.107	1.096	0.990	14.23

(#) = Out of Range

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045068.D
Acq On : 28 Feb 2025 01:27
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Feb 28 06:28:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:18:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.550	168	102761	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.757	114	188642	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.049	117	159886	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	64845	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l		
Spiked Amount 50.000	Range 74 - 125		Recovery =	0.000%#			
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l		
Spiked Amount 50.000	Range 75 - 124		Recovery =	0.000%#			
50) Toluene-d8	0.000	98	0d	0.000	ug/l		
Spiked Amount 50.000	Range 86 - 113		Recovery =	0.000%#			
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l		
Spiked Amount 50.000	Range 77 - 121		Recovery =	0.000%#			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.166	85	1282	1.007	ug/l		90
3) Chloromethane	1.301	50	1552	0.975	ug/l		91
4) Vinyl Chloride	1.368	62	1588	1.008	ug/l	#	85
6) Chloroethane	1.673	64	766m	0.992	ug/l		
7) Trichlorofluoromethane	1.880	101	2011	0.957	ug/l		97
8) Diethyl Ether	2.130	74	835	1.045	ug/l		80
9) 1,1,2-Trichlorotrifluo...	2.319	101	1081	0.884	ug/l		87
12) 1,1-Dichloroethene	2.313	96	1251	0.991	ug/l		92
14) Allyl chloride	2.660	41	2343	1.055	ug/l		93
15) Acrylonitrile	3.075	53	4067	4.931	ug/l		99
16) Acetone	2.380	43	4259	5.635	ug/l		100
17) Carbon Disulfide	2.502	76	3256	0.956	ug/l	#	92
18) Methyl Acetate	2.703	43	1960	1.066	ug/l		93
19) Methyl tert-butyl Ether	3.111	73	4017	0.943	ug/l		91
20) Methylene Chloride	2.782	84	1656	1.095	ug/l		98
21) trans-1,2-Dichloroethene	3.093	96	1109	0.869	ug/l		91
22) Diisopropyl ether	3.764	45	4026	0.871	ug/l	#	80
23) Vinyl Acetate	3.727	43	15271	3.971	ug/l		97
24) 1,1-Dichloroethane	3.605	63	2467	0.958	ug/l	#	83
25) 2-Butanone	4.587	43	4894	4.252	ug/l		96
26) 2,2-Dichloropropane	4.471	77	1066	0.872	ug/l	#	56
27) cis-1,2-Dichloroethene	4.501	96	1412	0.902	ug/l	#	19
28) Bromochloromethane	4.885	49	1144	0.958	ug/l	#	54
29) Tetrahydrofuran	5.032	42	3719	4.809	ug/l	#	34
30) Chloroform	5.093	83	2478	0.978	ug/l		92
32) 1,1,1-Trichloroethane	5.373	97	1867	0.893	ug/l	#	52
36) 1,1-Dichloropropene	5.690	75	1681	0.967	ug/l	#	84
37) Ethyl Acetate	4.739	43	2223m	0.988	ug/l		
38) Carbon Tetrachloride	5.672	117	1747m	0.987	ug/l		
39) Methylcyclohexane	7.385	83	1750	0.831	ug/l		88
40) Benzene	6.031	78	4984	0.907	ug/l		99
41) Methacrylonitrile	4.958	41	1072m	0.879	ug/l		
42) 1,2-Dichloroethane	6.099	62	1837	0.924	ug/l		78
43) Isopropyl Acetate	6.355	43	2545	0.767	ug/l	#	95
44) Trichloroethene	7.129	130	1202	0.933	ug/l		65
45) 1,2-Dichloropropane	7.434	63	1334	0.971	ug/l	#	82

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045068.D
Acq On : 28 Feb 2025 01:27
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

Quant Time: Feb 28 06:28:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:18:23 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) Dibromomethane	7.586	93	891	0.897	ug/l		92
47) Bromodichloromethane	7.818	83	1802	0.927	ug/l	#	85
48) Methyl methacrylate	7.714	41	1328m	0.825	ug/l		
49) 1,4-Dioxane	7.684	88	639	18.144	ug/l	#	81
51) 4-Methyl-2-Pentanone	8.574	43	10091	4.567	ug/l		95
52) Toluene	8.720	92	2700	0.841	ug/l		97
53) t-1,3-Dichloropropene	8.994	75	1147	0.700	ug/l	#	85
54) cis-1,3-Dichloropropene	8.373	75	1525	0.804	ug/l	#	90
55) 1,1,2-Trichloroethane	9.153	97	1306	1.004	ug/l	#	90
56) Ethyl methacrylate	9.135	69	1494	0.748	ug/l	#	93
57) 1,3-Dichloropropane	9.311	76	2112	0.920	ug/l		97
58) 2-Chloroethyl Vinyl ether	8.251	63	4115	4.320	ug/l		95
59) 2-Hexanone	9.439	43	6582	4.153	ug/l		96
60) Dibromochloromethane	9.519	129	1152	0.835	ug/l		98
61) 1,2-Dibromoethane	9.610	107	1174	0.890	ug/l		97
64) Tetrachloroethene	9.275	164	1006	0.986	ug/l	#	88
65) Chlorobenzene	10.080	112	3094	0.908	ug/l		90
66) 1,1,1,2-Tetrachloroethane	10.159	131	1078	0.978	ug/l	#	65
67) Ethyl Benzene	10.195	91	5008	0.846	ug/l	#	85
68) m/p-Xylenes	10.305	106	3552	1.630	ug/l		97
69) o-Xylene	10.640	106	1949	0.891	ug/l		95
70) Styrene	10.665	104	2810	0.802	ug/l		97
71) Bromoform	10.799	173	667	0.768	ug/l	#	92
73) Isopropylbenzene	10.964	105	4405	0.858	ug/l		96
74) N-amyl acetate	10.854	43	1750	0.732	ug/l	#	87
75) 1,1,2,2-Tetrachloroethane	11.213	83	1809	0.954	ug/l		88
76) 1,2,3-Trichloropropane	11.244	75	1531m	1.015	ug/l		
77) Bromobenzene	11.201	156	1166	0.972	ug/l		91
78) n-propylbenzene	11.305	91	4475	0.773	ug/l		97
79) 2-Chlorotoluene	11.366	91	3616	0.986	ug/l		98
80) 1,3,5-Trimethylbenzene	11.451	105	3386	0.815	ug/l		94
82) 4-Chlorotoluene	11.457	91	3631	0.904	ug/l		99
83) tert-Butylbenzene	11.713	119	3928	0.929	ug/l		96
84) 1,2,4-Trimethylbenzene	11.756	105	3432	0.827	ug/l		95
85) sec-Butylbenzene	11.890	105	3891	0.752	ug/l		100
86) p-Isopropyltoluene	12.012	119	3257	0.797	ug/l		94
87) 1,3-Dichlorobenzene	11.976	146	1948	0.913	ug/l		96
88) 1,4-Dichlorobenzene	12.043	146	2082m	0.962	ug/l		
89) n-Butylbenzene	12.335	91	2470	0.691	ug/l		93
90) Hexachloroethane	12.536	117	609	0.805	ug/l		94
91) 1,2-Dichlorobenzene	12.335	146	1918	0.890	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	308	0.859	ug/l		82
93) 1,2,4-Trichlorobenzene	13.591	180	866	0.706	ug/l		93
94) Hexachlorobutadiene	13.725	225	462	0.917	ug/l		94
95) Naphthalene	13.780	128	3337	0.707	ug/l	#	94
96) 1,2,3-Trichlorobenzene	13.963	180	969	0.759	ug/l		93

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

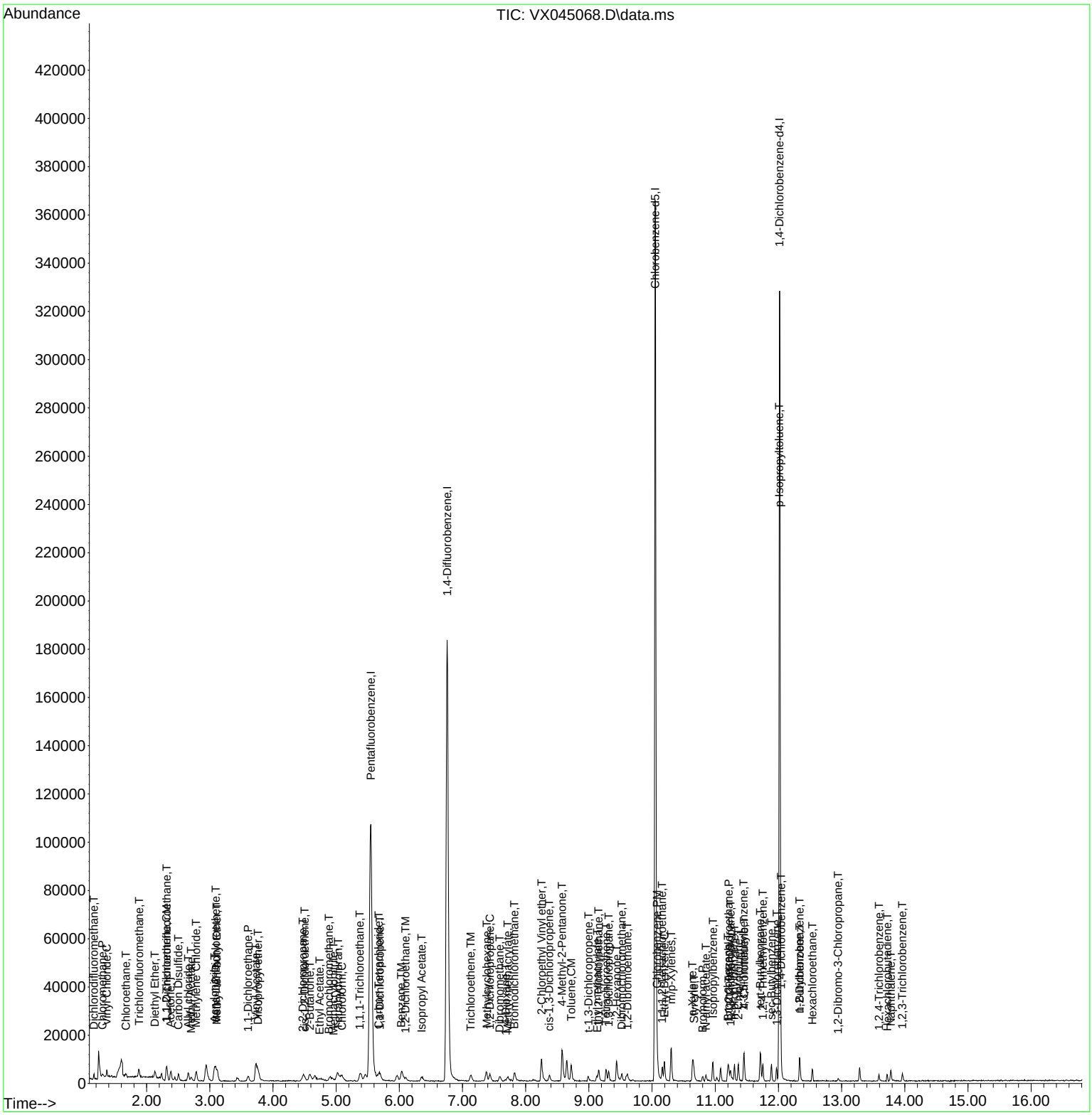
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045068.D
Acq On : 28 Feb 2025 01:27
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

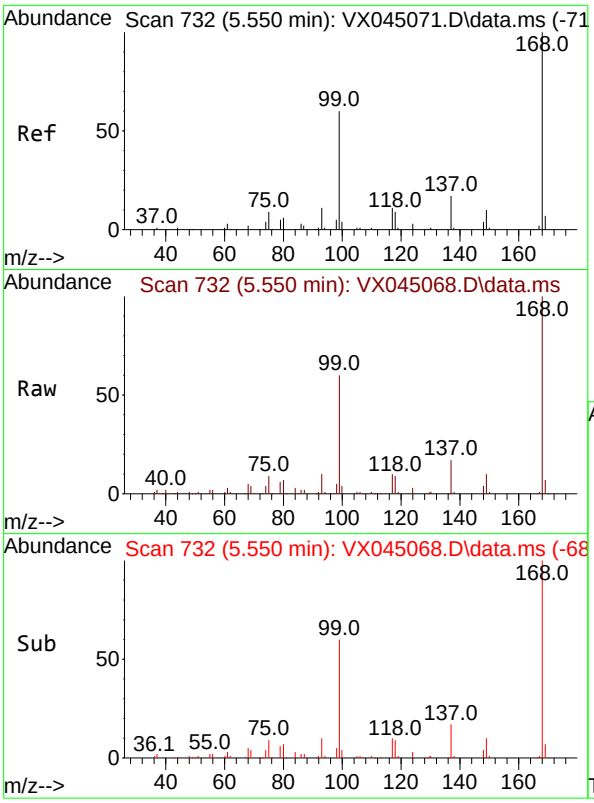
Quant Time: Feb 28 06:28:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:18:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

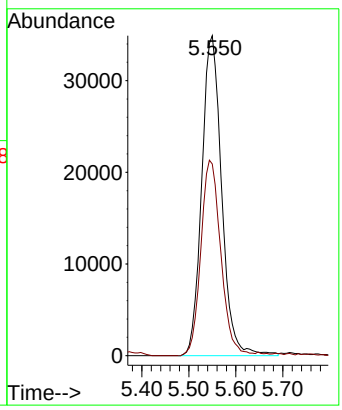




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion:168 Resp: 10276

Ion	Ratio	Lower	Upper
168	100		
99	59.9	48.2	72.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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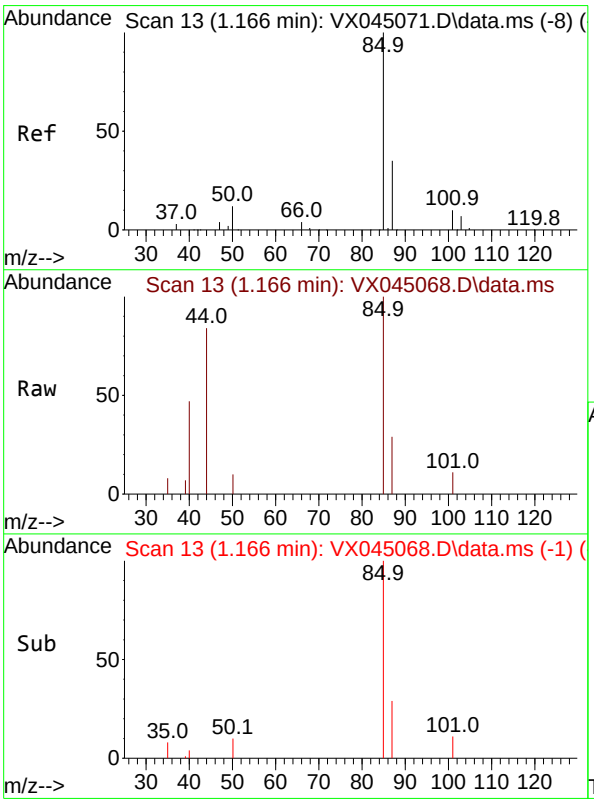
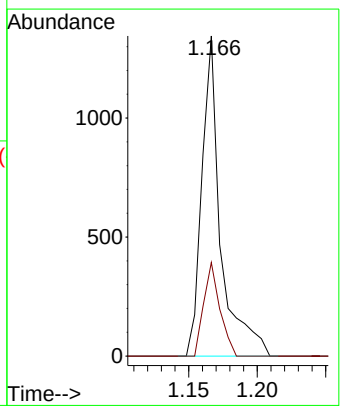
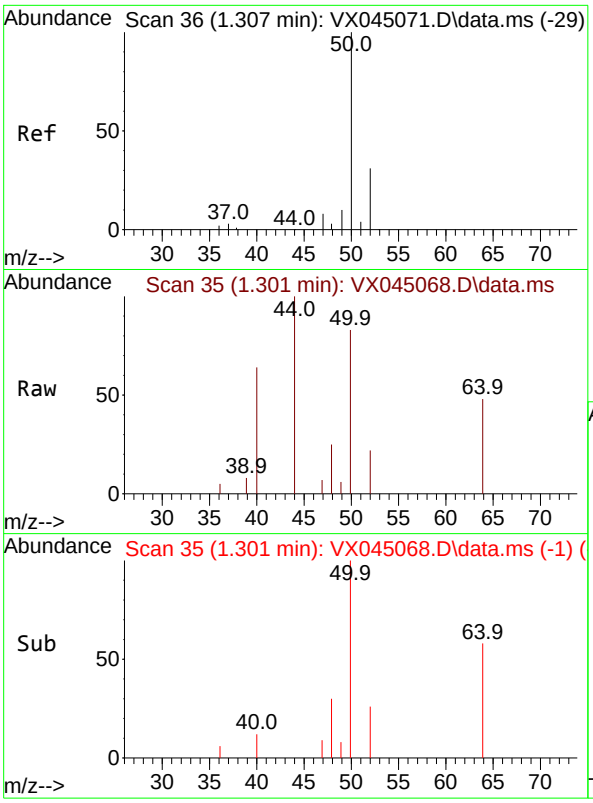


#2
Dichlorodifluoromethane
Concen: 1.007 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 85 Resp: 1282

Ion	Ratio	Lower	Upper
85	100		
87	29.2	17.4	52.3

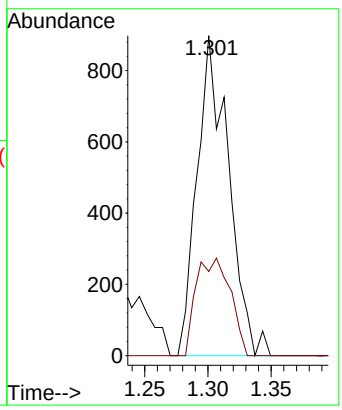




#3
Chloromethane
Concen: 0.975 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 50 Resp: 155

Ion	Ratio	Lower	Upper
50	100		
52	26.3	25.0	37.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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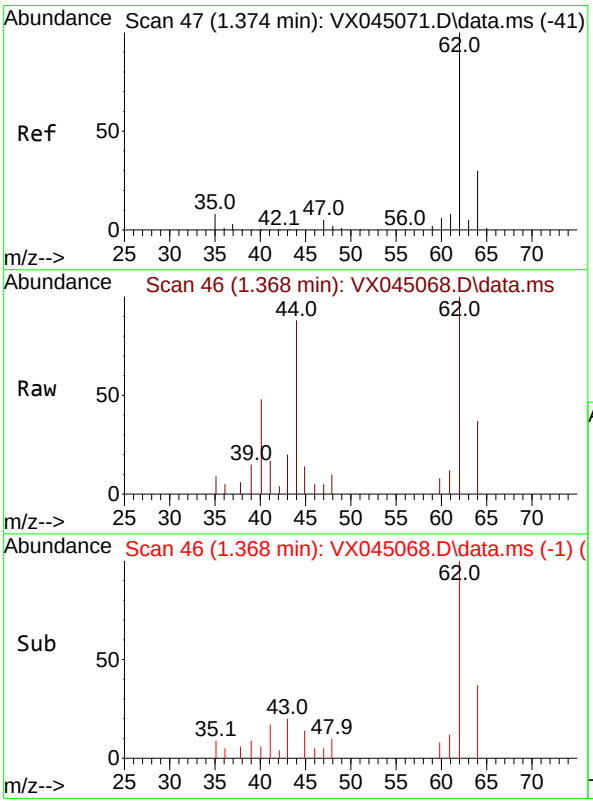
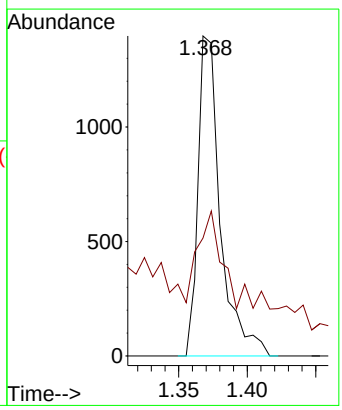
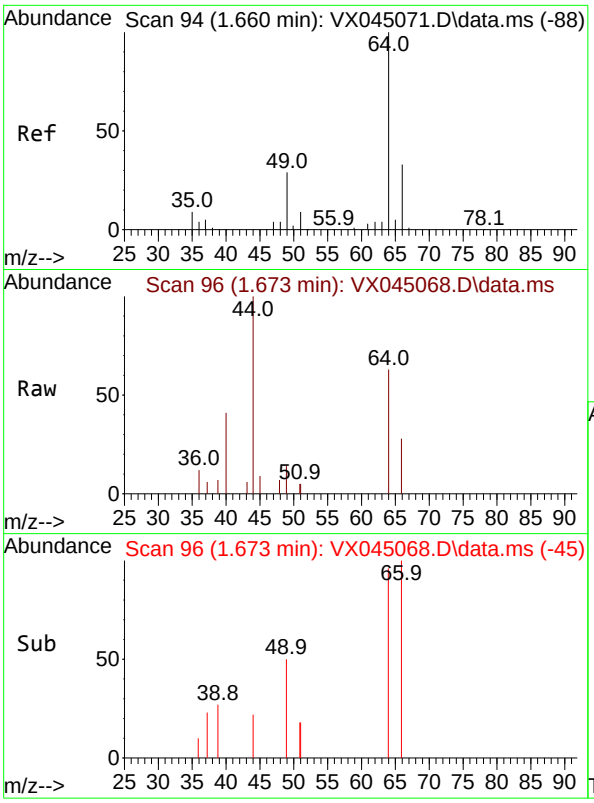


#4
Vinyl Chloride
Concen: 1.008 ug/l
RT: 1.368 min Scan# 46
Delta R.T. -0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 62 Resp: 1588

Ion	Ratio	Lower	Upper
62	100		
64	22.0	24.3	36.5#

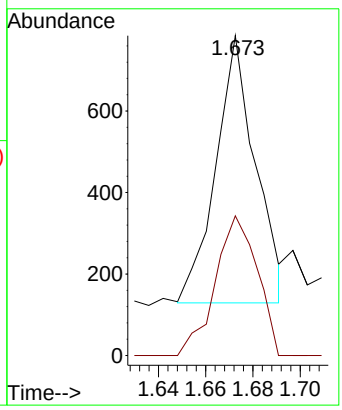




#6
Chloroethane
Concen: 0.992 ug/l m
RT: 1.673 min Scan# 9
Delta R.T. 0.012 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 64 Resp: 76

Ion	Ratio	Lower	Upper
64	100		
66	43.7	26.7	40.1#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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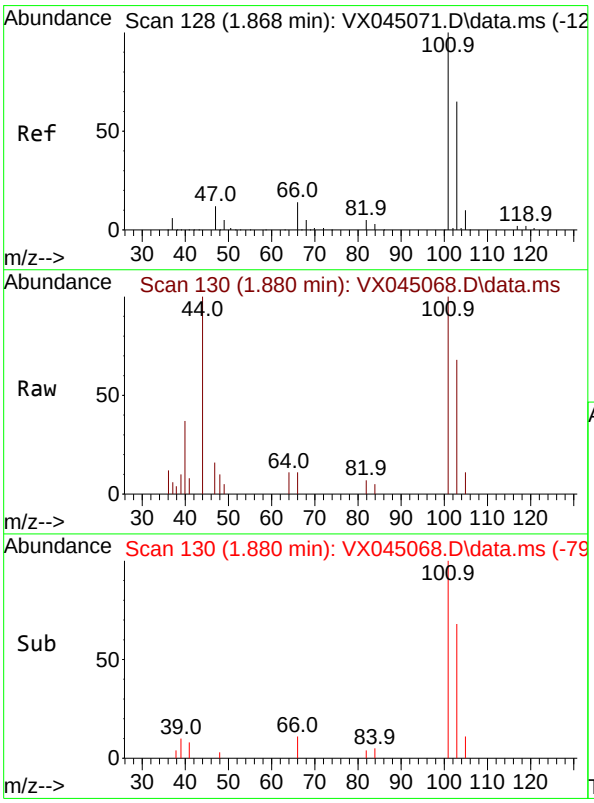
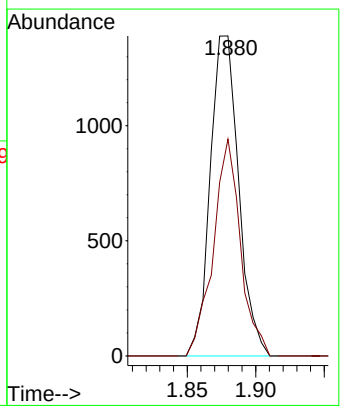
Supervised By :Mahesh Dadoda 02/28/2025

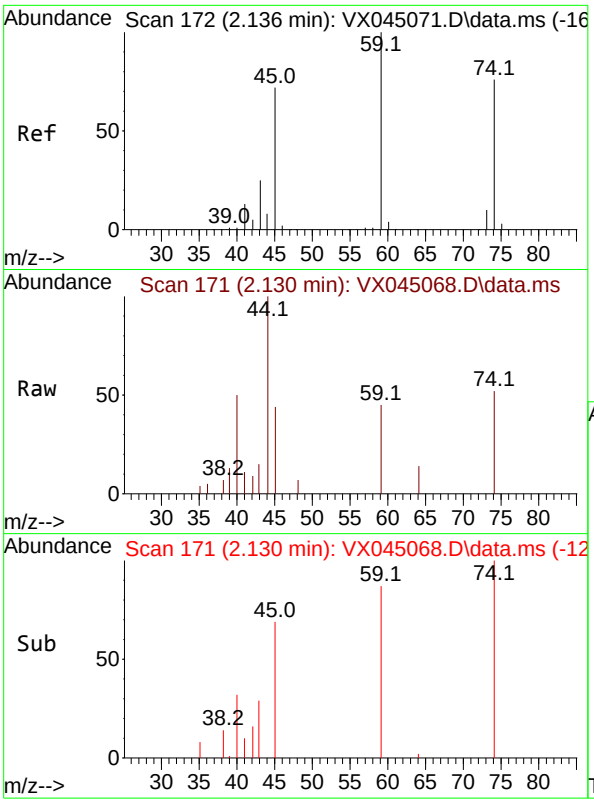


#7
Trichlorofluoromethane
Concen: 0.957 ug/l
RT: 1.880 min Scan# 130
Delta R.T. 0.012 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion:101 Resp: 2011

Ion	Ratio	Lower	Upper
101	100		
103	67.8	52.1	78.1

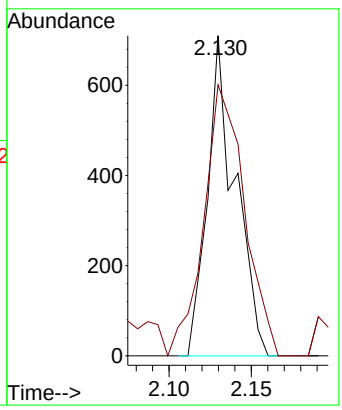




#8
Diethyl Ether
Concen: 1.045 ug/l
RT: 2.130 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 74 Resp: 83

Ion	Ratio	Lower	Upper
74	100		
45	123.5	51.5	154.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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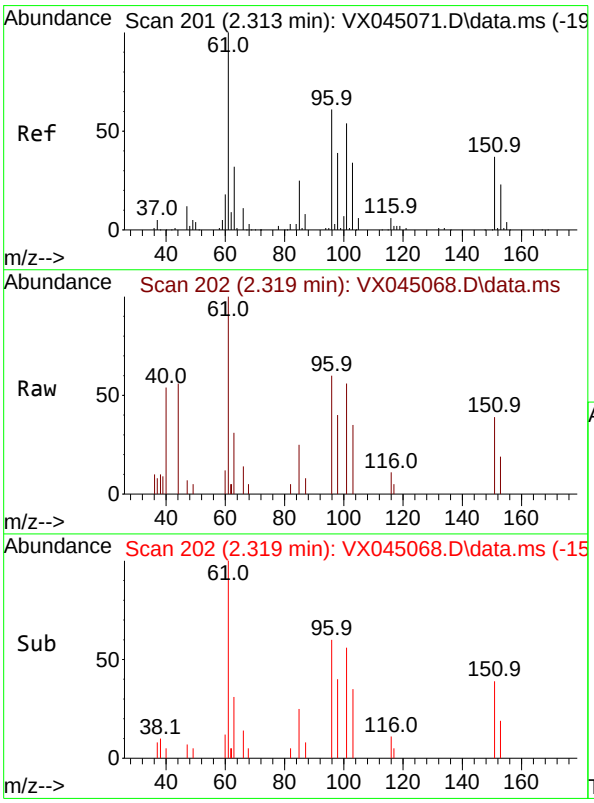
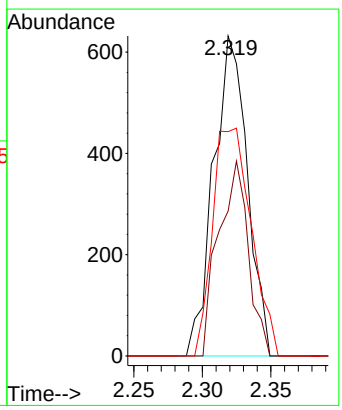
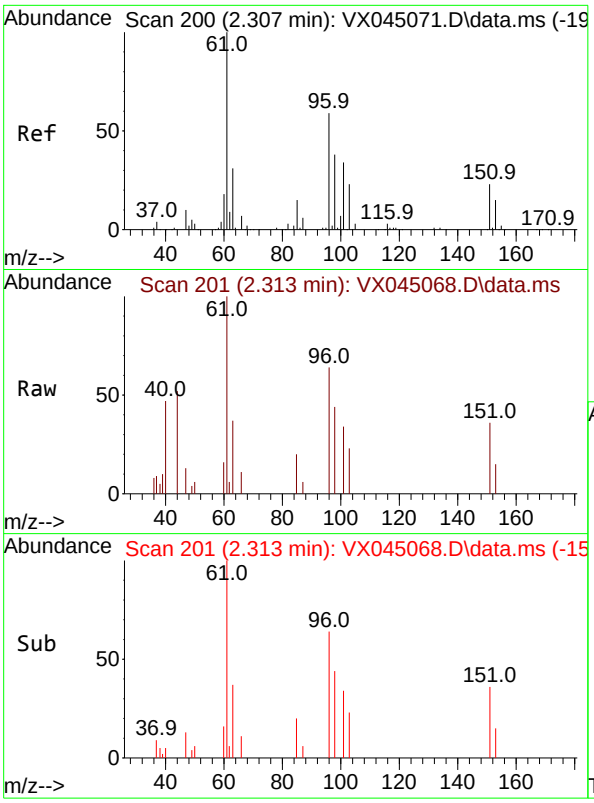


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.884 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion:101 Resp: 1081

Ion	Ratio	Lower	Upper
101	100		
85	53.7	36.2	54.4
151	81.9	56.4	84.6

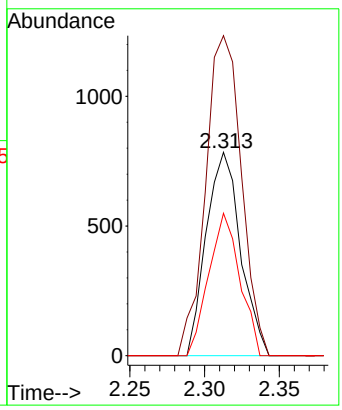




#12
1,1-Dichloroethene
Concen: 0.991 ug/l
RT: 2.313 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 96 Resp: 125

Ion	Ratio	Lower	Upper
96	100		
61	157.4	134.6	202.0
98	70.0	51.0	76.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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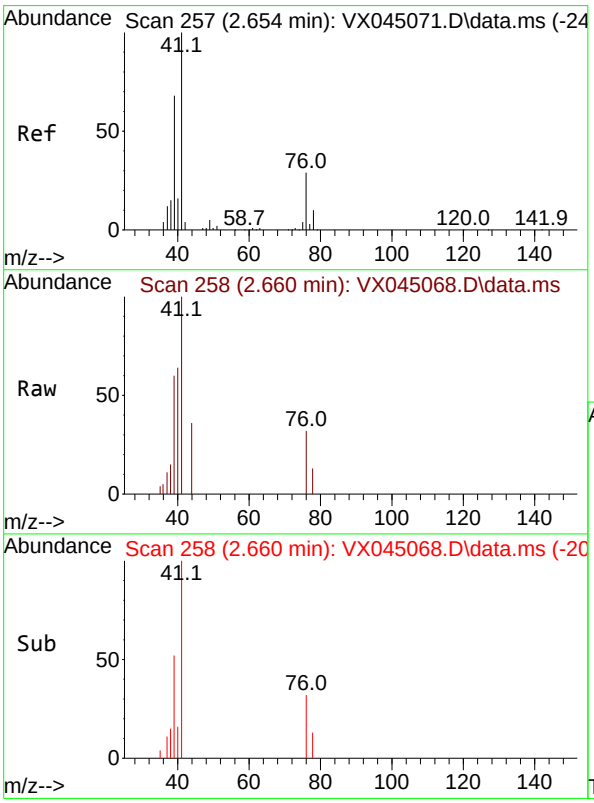
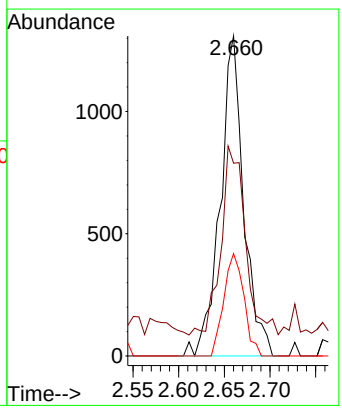
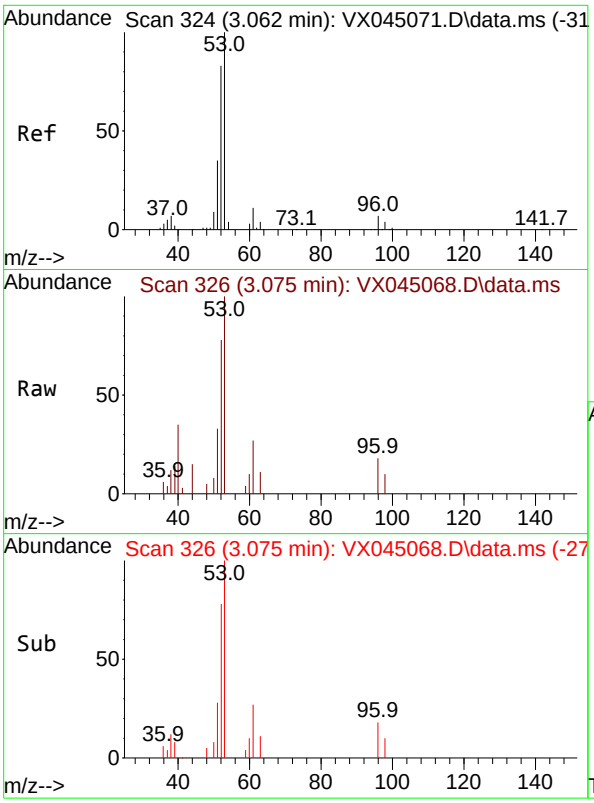


#14
Allyl chloride
Concen: 1.055 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 41 Resp: 2343

Ion	Ratio	Lower	Upper
41	100		
39	62.3	53.8	80.8
76	27.4	25.2	37.8

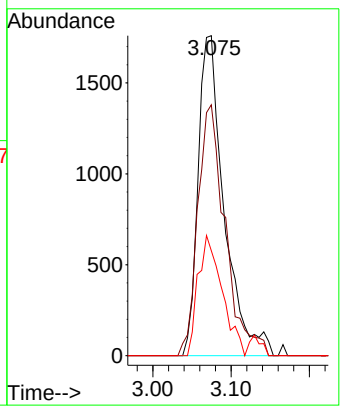




#15
Acrylonitrile
Concen: 4.931 ug/l
RT: 3.075 min Scan# 3
Delta R.T. 0.012 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 53 Resp: 406

Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.2	99.2
51	34.6	29.0	43.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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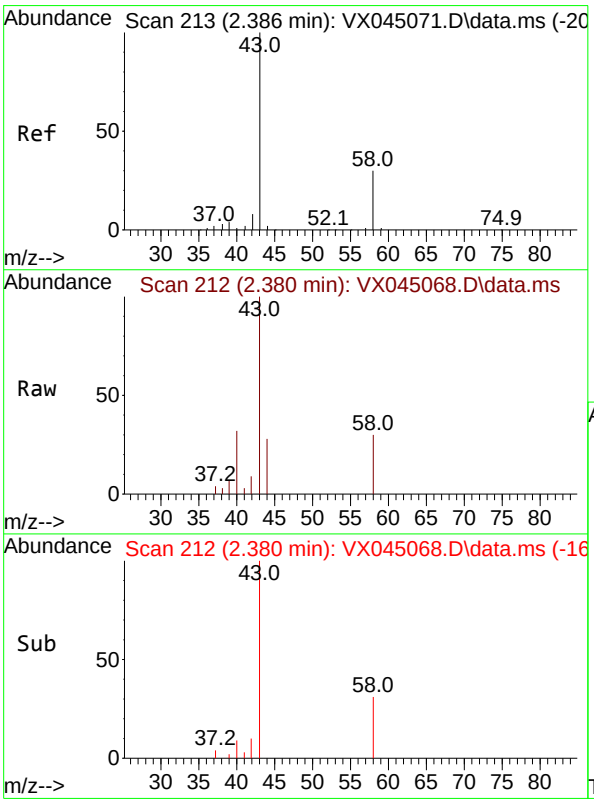
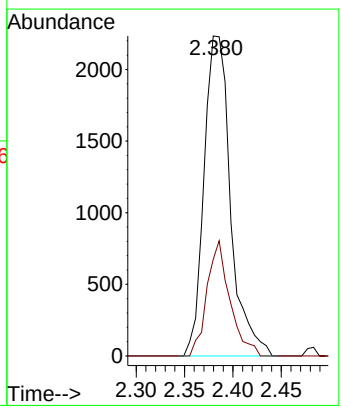
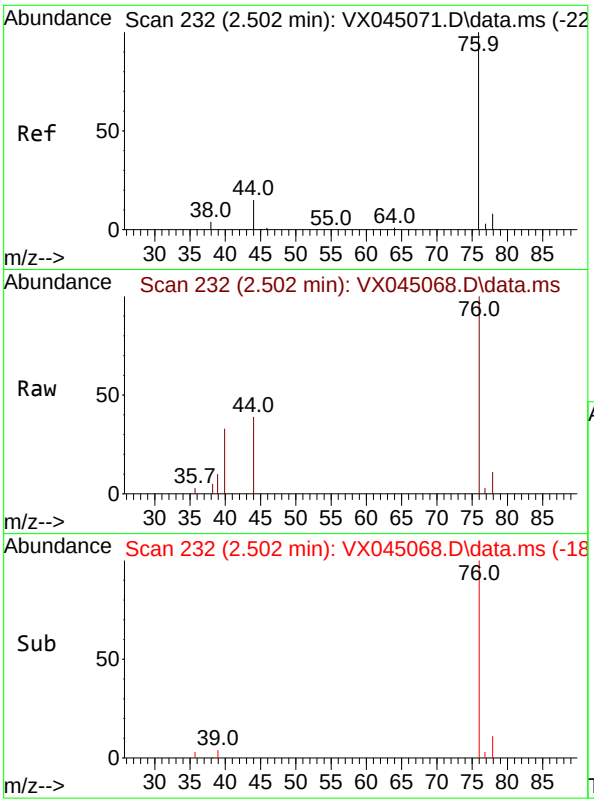


#16
Acetone
Concen: 5.635 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 43 Resp: 4259

Ion	Ratio	Lower	Upper
43	100		
58	30.2	24.2	36.4

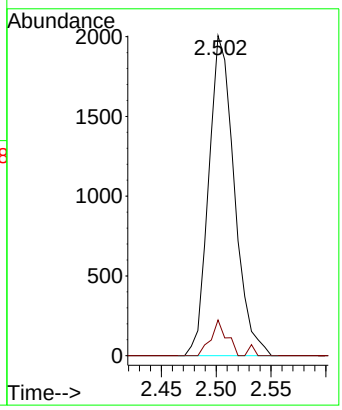




#17
Carbon Disulfide
Concen: 0.956 ug/l
RT: 2.502 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 76 Resp: 325

Ion	Ratio	Lower	Upper
76	100		
78	11.2	6.6	9.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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Reviewed By :John Carlone 02/28/2025
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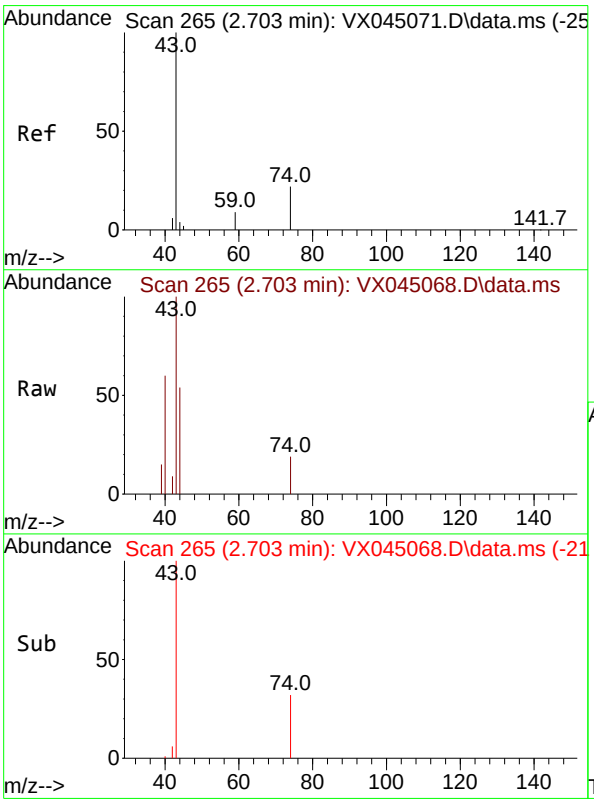
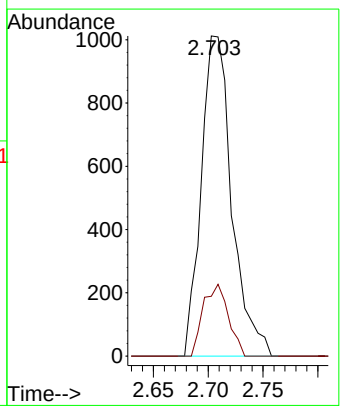
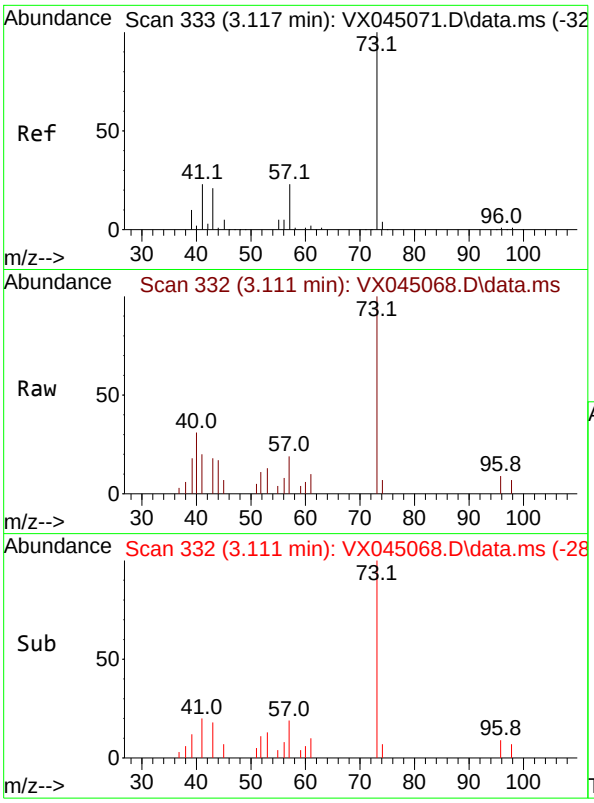


#18
Methyl Acetate
Concen: 1.066 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 43 Resp: 1960

Ion	Ratio	Lower	Upper
43	100		
74	18.5	17.4	26.2

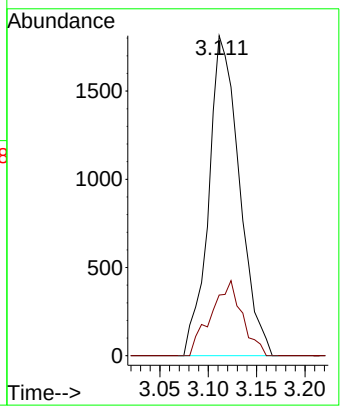




#19
Methyl tert-butyl Ether
Concen: 0.943 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 73 Resp: 401

Ion	Ratio	Lower	Upper
73	100		
57	19.0	18.5	27.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

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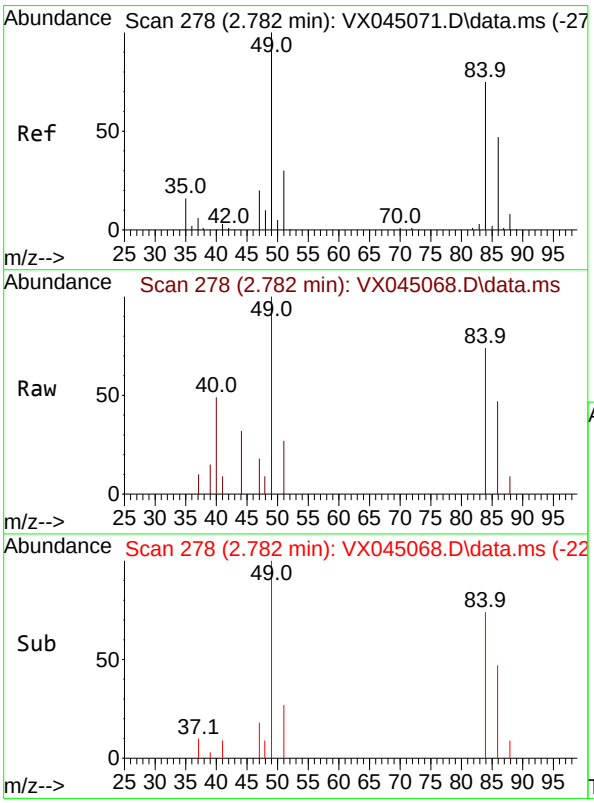
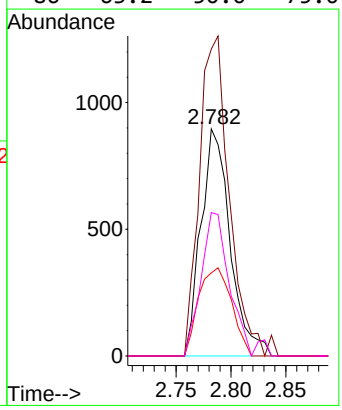
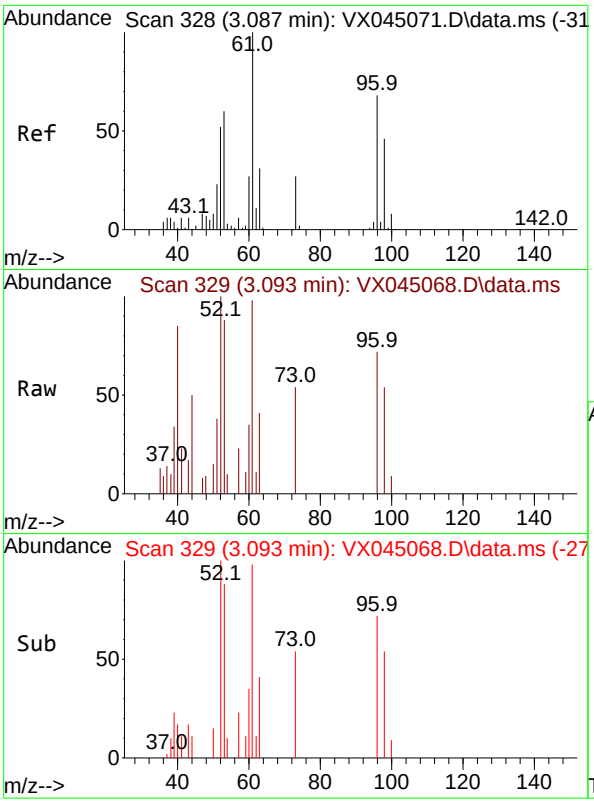


#20
Methylene Chloride
Concen: 1.095 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 84 Resp: 1656

Ion	Ratio	Lower	Upper
84	100		
49	135.2	106.5	159.7
51	36.6	32.1	48.1
86	63.2	50.0	75.0

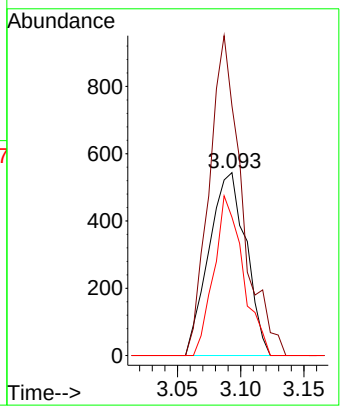




#21
trans-1,2-Dichloroethene
Concen: 0.869 ug/l
RT: 3.093 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 96 Resp: 110

Ion	Ratio	Lower	Upper
96	100		
61	136.4	117.0	175.4
98	75.6	53.4	80.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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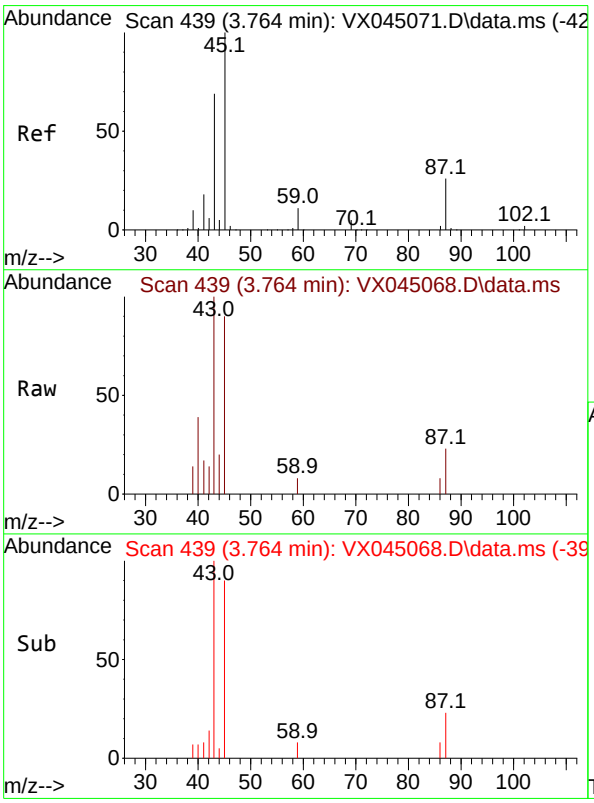
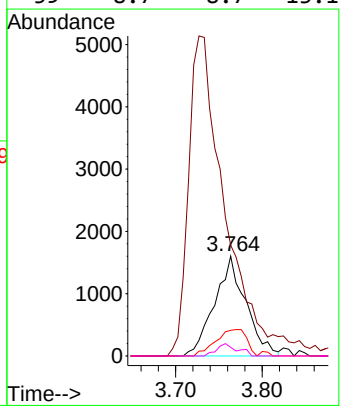
Supervised By :Mahesh Dadoda 02/28/2025

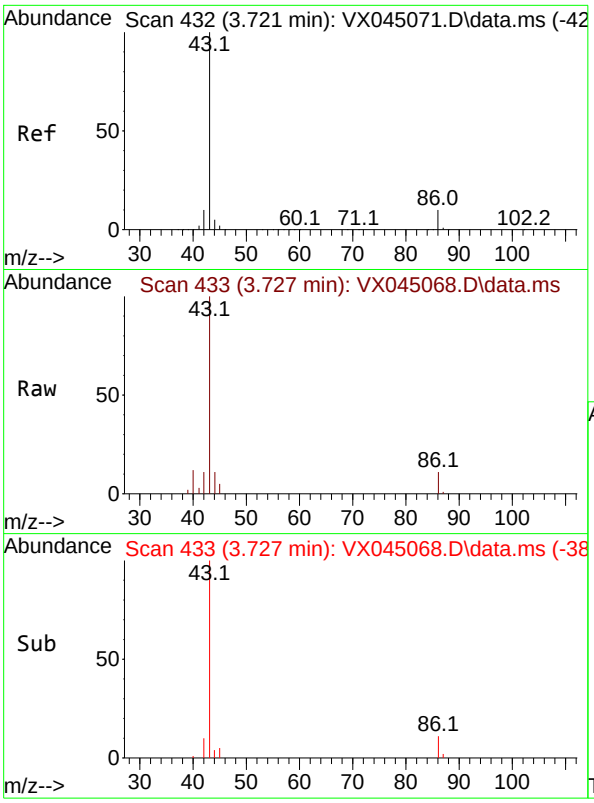


#22
Diisopropyl ether
Concen: 0.871 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 45 Resp: 4026

Ion	Ratio	Lower	Upper
45	100		
43	91.9	54.9	82.3#
87	25.6	21.0	31.4
59	8.7	8.7	13.1





#23
Vinyl Acetate
Concen: 3.971 ug/l
RT: 3.727 min Scan# 4
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 43 Resp: 1527

Ion	Ratio	Lower	Upper
43	100		
86	11.1	8.1	12.1

Instrument :
MSVOA_X
ClientSampleId :
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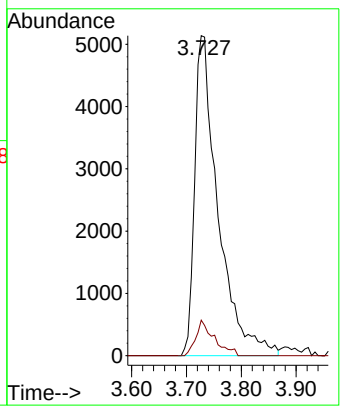
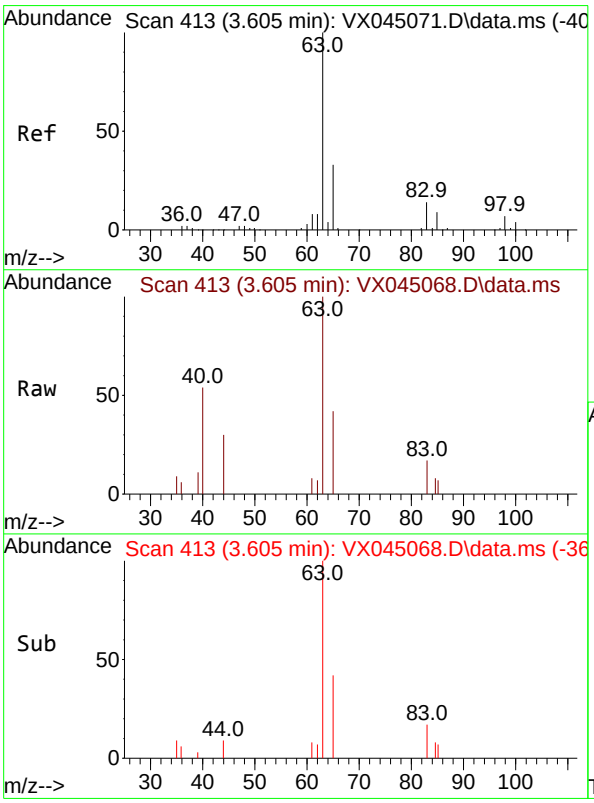
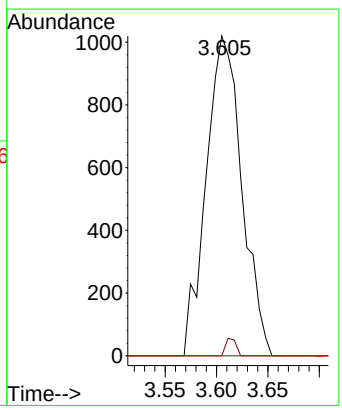


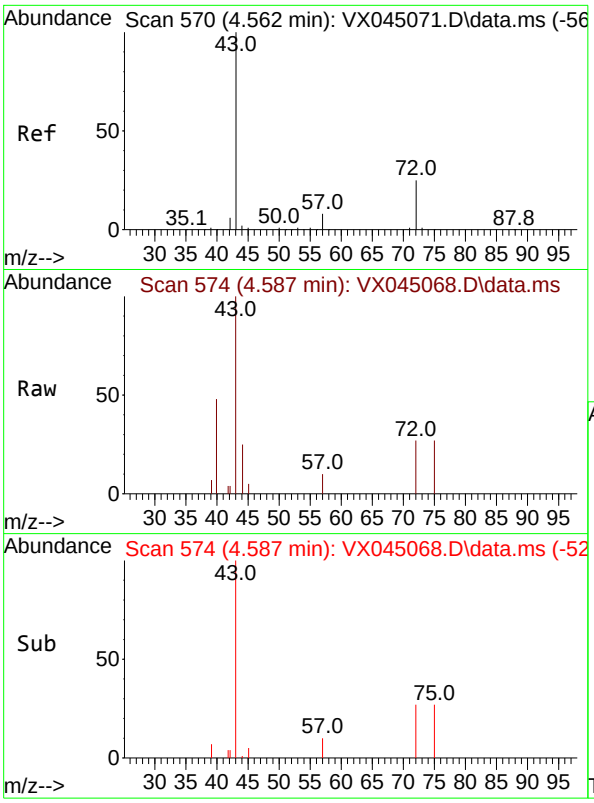


#24
1,1-Dichloroethane
Concen: 0.958 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 63 Resp: 2467

Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.4	10.2#
100	0.0	2.1	6.5#





#25
2-Butanone
Concen: 4.252 ug/l
RT: 4.587 min Scan# 5
Delta R.T. 0.024 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 43 Resp: 489

Ion	Ratio	Lower	Upper
43	100		
72	27.2	20.0	30.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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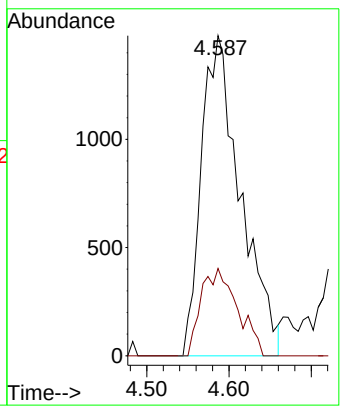
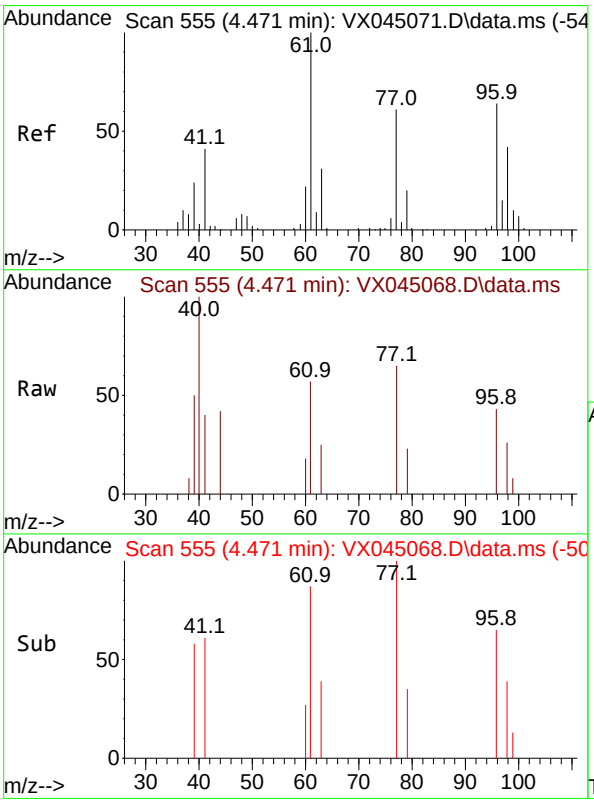
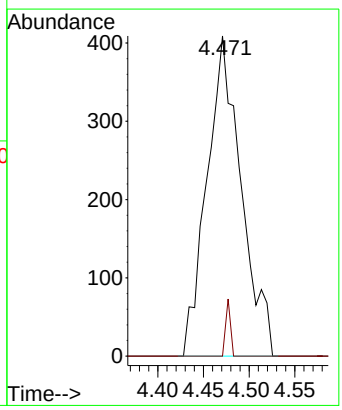


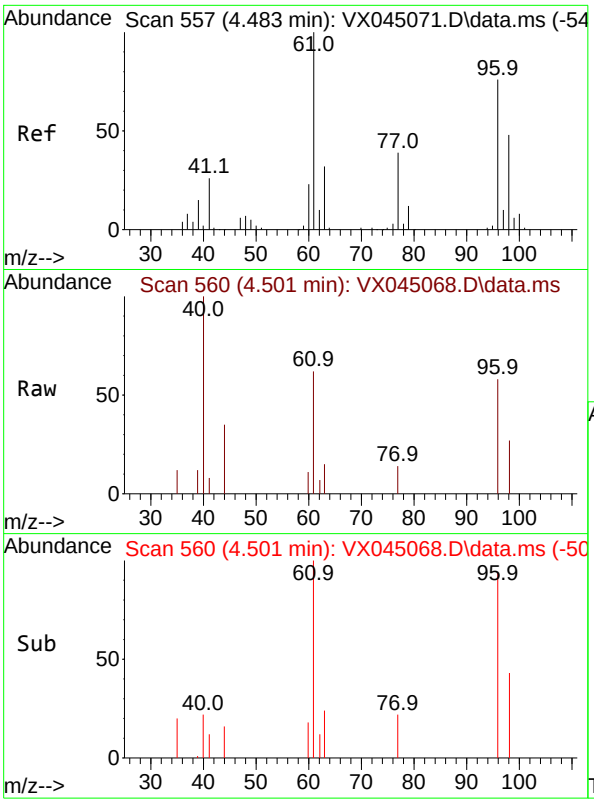


#26
2,2-Dichloropropane
Concen: 0.872 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 77 Resp: 1066

Ion	Ratio	Lower	Upper
77	100		
97	2.5	12.4	37.0#

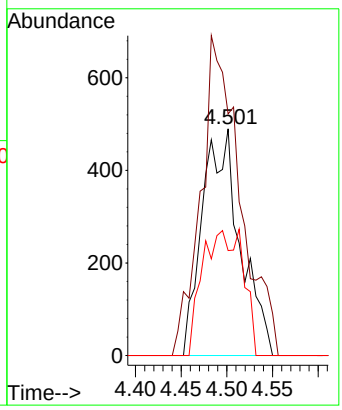




#27
cis-1,2-Dichloroethene
Concen: 0.902 ug/l
RT: 4.501 min Scan# 5
Delta R.T. 0.018 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 96 Resp: 141

Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	283.2
98	59.1	0.0	128.0



Instrument :
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ClientSampleId :
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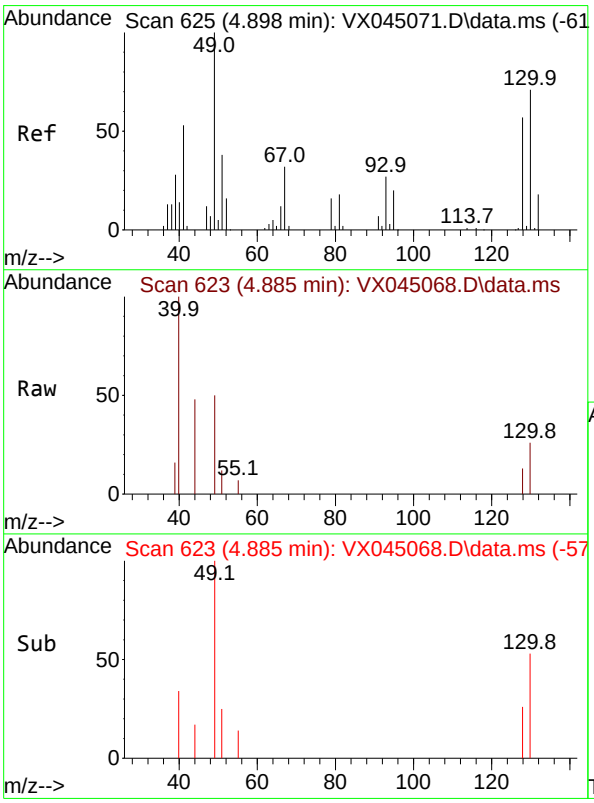
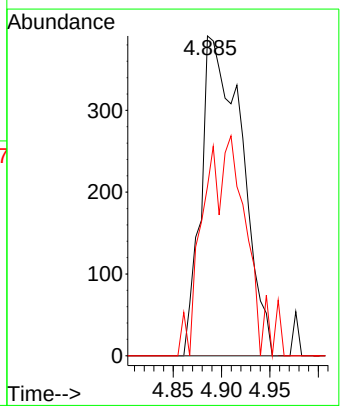
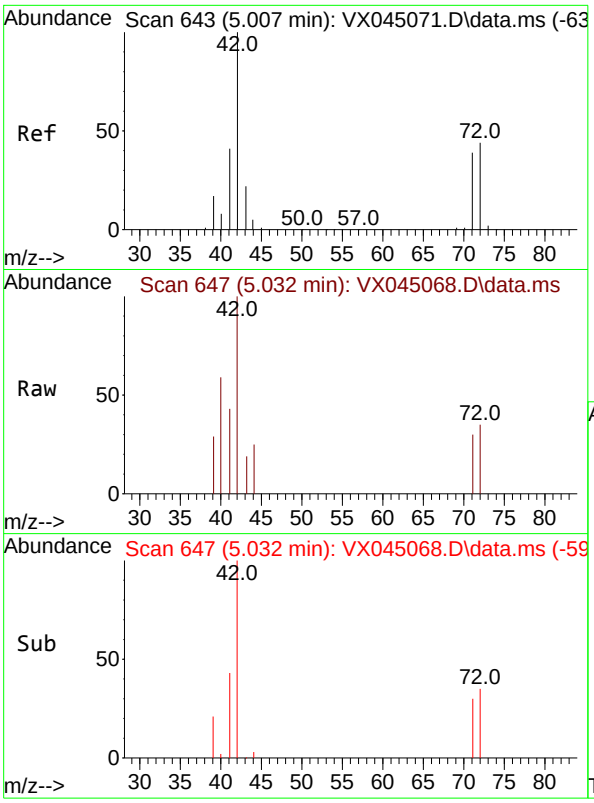


#28
Bromochloromethane
Concen: 0.958 ug/l
RT: 4.885 min Scan# 623
Delta R.T. -0.012 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 49 Resp: 1144

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.4
130	31.5	56.1	84.1#

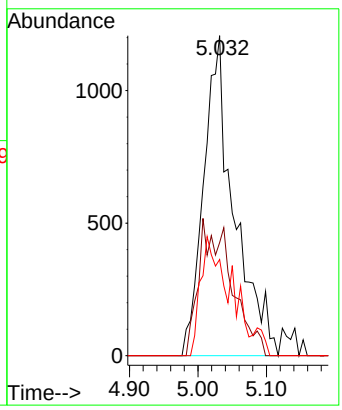




#29
Tetrahydrofuran
Concen: 4.809 ug/l
RT: 5.032 min Scan# 64
Delta R.T. 0.024 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 42 Resp: 3719

Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.1	51.1#
71	0.0	31.4	47.0#



Instrument :
MSVOA_X
ClientSampleId :
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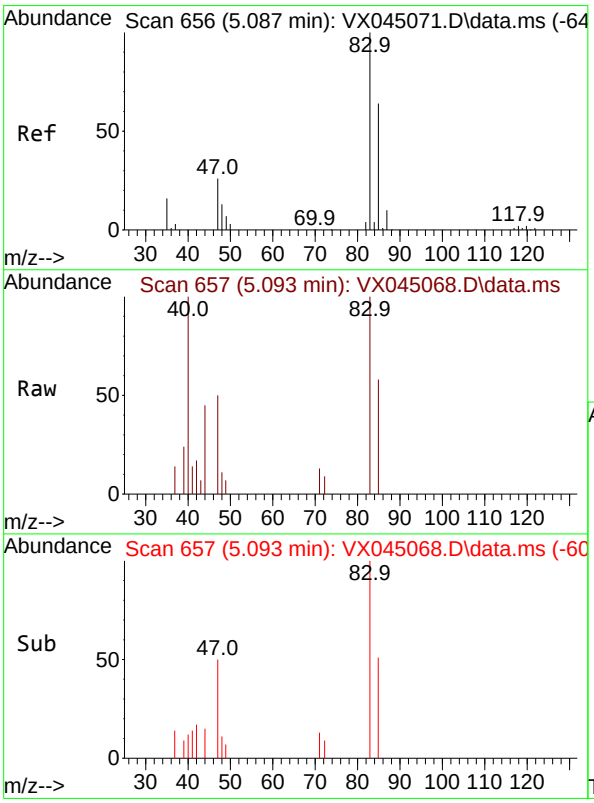
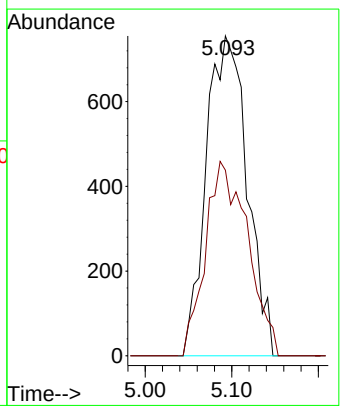
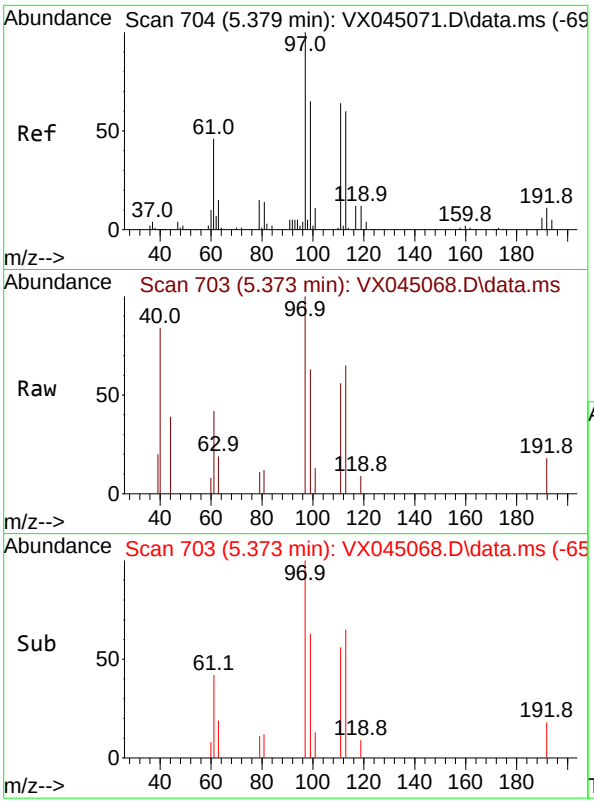


#30
Chloroform
Concen: 0.978 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 83 Resp: 2478

Ion	Ratio	Lower	Upper
83	100		
85	58.0	51.4	77.2

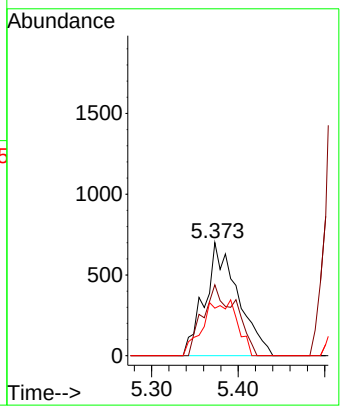




#32
1,1,1-Trichloroethane
Concen: 0.893 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 97 Resp: 186

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.6	77.4#
61	50.0	38.4	57.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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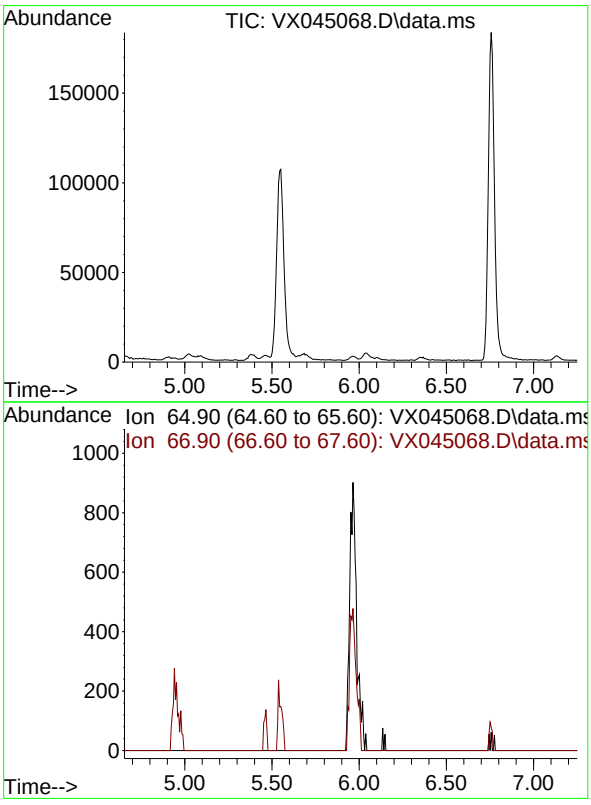
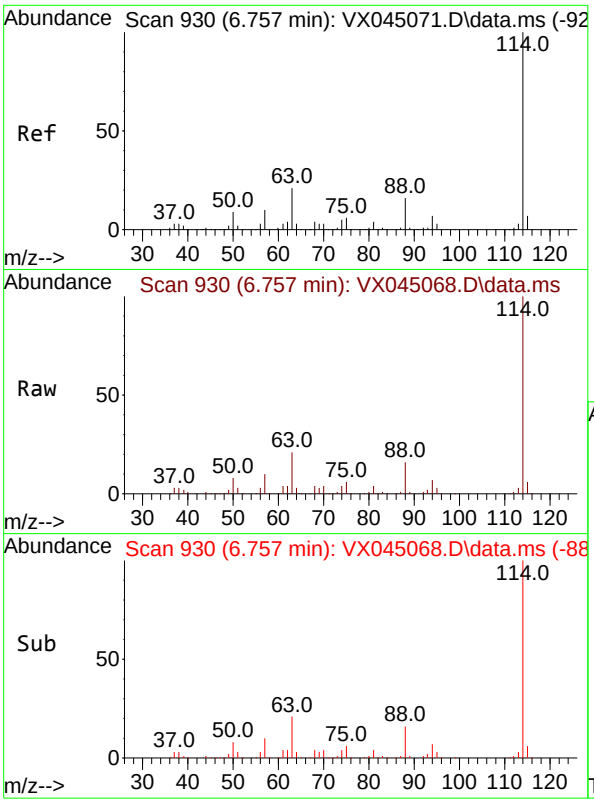


#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 5.95 min

Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 65

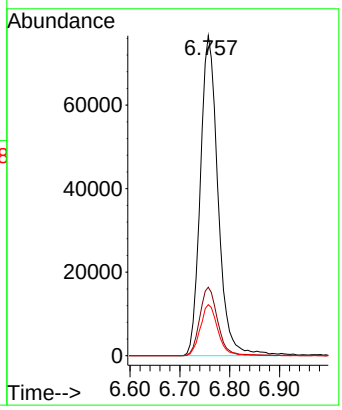
Sig	Exp Ratio
65	100
67	53.1



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion:114 Resp: 18864

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	41.8
88	16.0	0.0	32.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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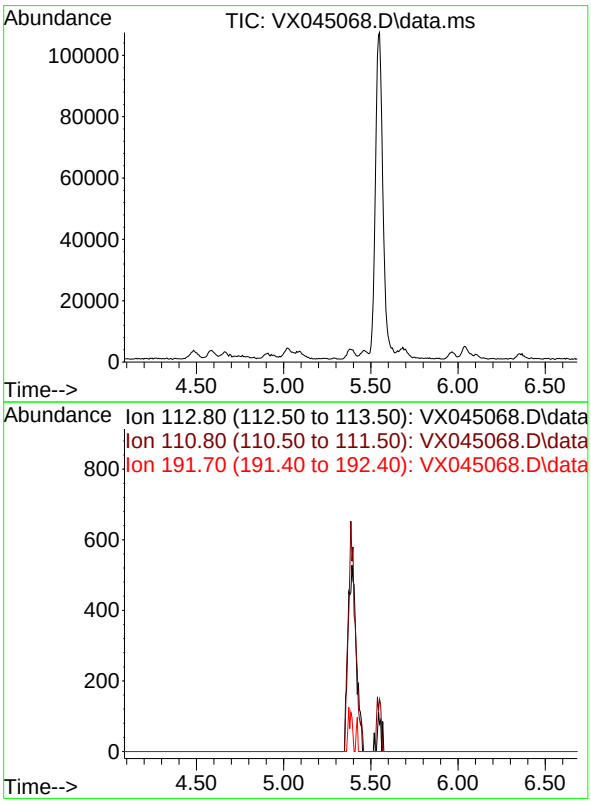
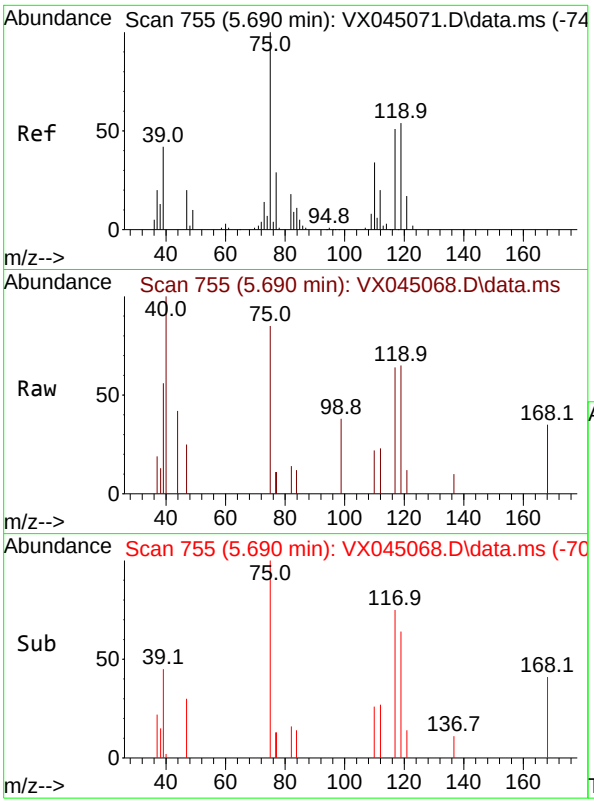


#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 5.39 min

Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 113

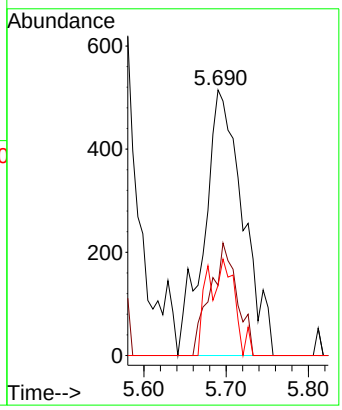
Sig	Exp Ratio
113	100
111	102.2
192	17.9



#36
1,1-Dichloropropene
Concen: 0.967 ug/l
RT: 5.690 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 75 Resp: 168

Ion	Ratio	Lower	Upper
75	100		
110	29.6	16.9	50.6
77	16.4	24.5	36.7#



Instrument :
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ClientSampleId :
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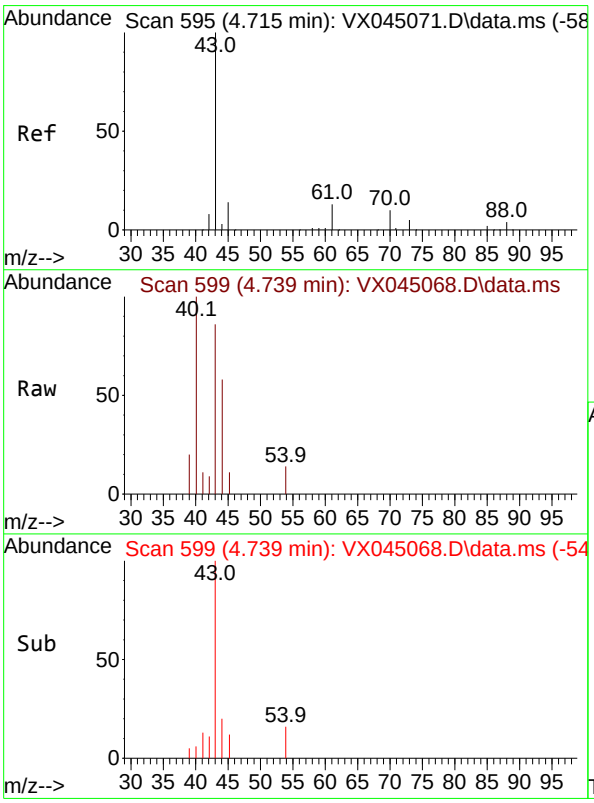
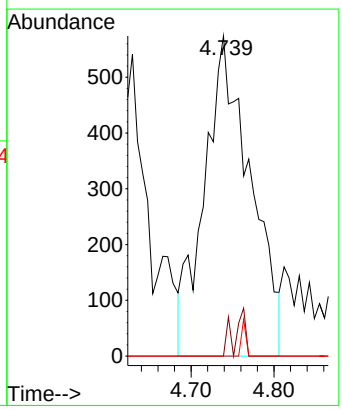
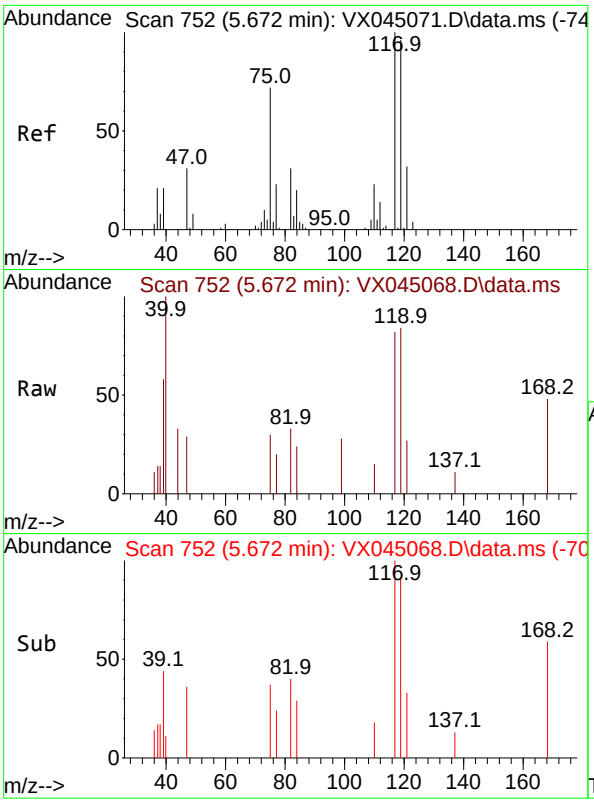


#37
Ethyl Acetate
Concen: 0.988 ug/l m
RT: 4.739 min Scan# 599
Delta R.T. 0.024 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 43 Resp: 2223

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.8	16.2#
70	0.0	7.7	11.5#

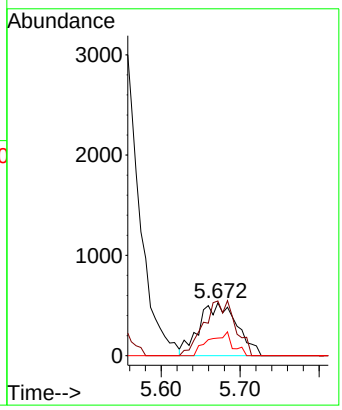




#38
Carbon Tetrachloride
Concen: 0.987 ug/l m
RT: 5.672 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion:117 Resp: 174

Ion	Ratio	Lower	Upper
117	100		
119	103.4	76.7	115.1
121	33.2	25.5	38.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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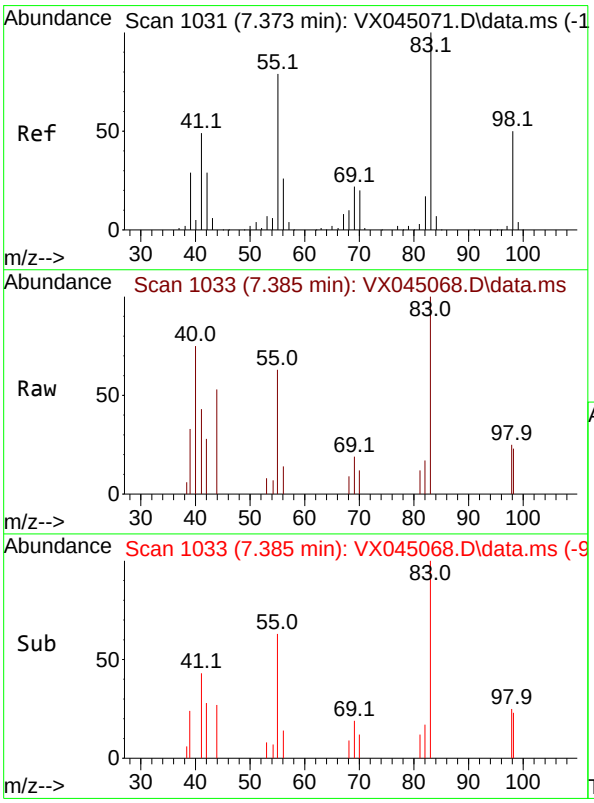
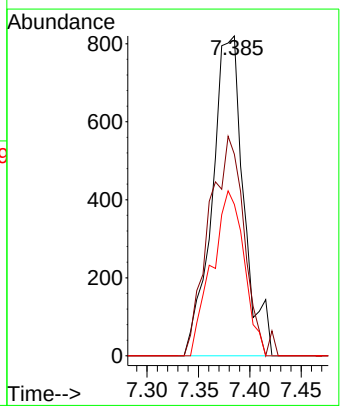
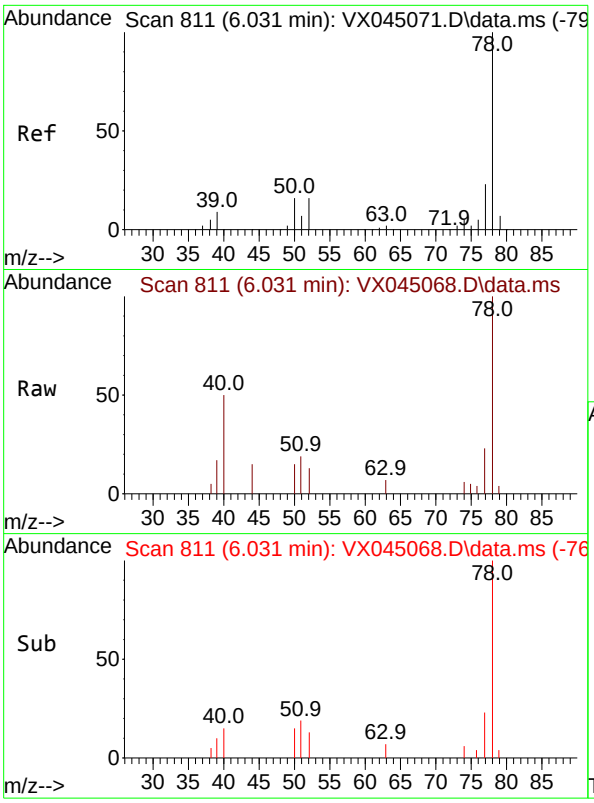


#39
Methylcyclohexane
Concen: 0.831 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.012 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 83 Resp: 1750

Ion	Ratio	Lower	Upper
83	100		
55	63.0	63.0	94.4
98	47.3	39.7	59.5

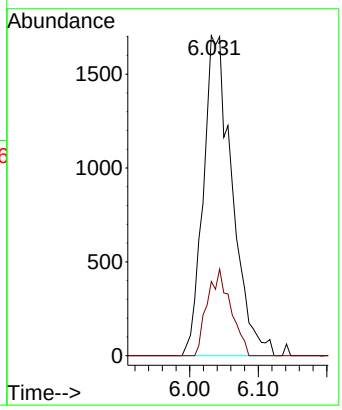




#40
Benzene
Concen: 0.907 ug/l
RT: 6.031 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 78 Resp: 498

Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.8	28.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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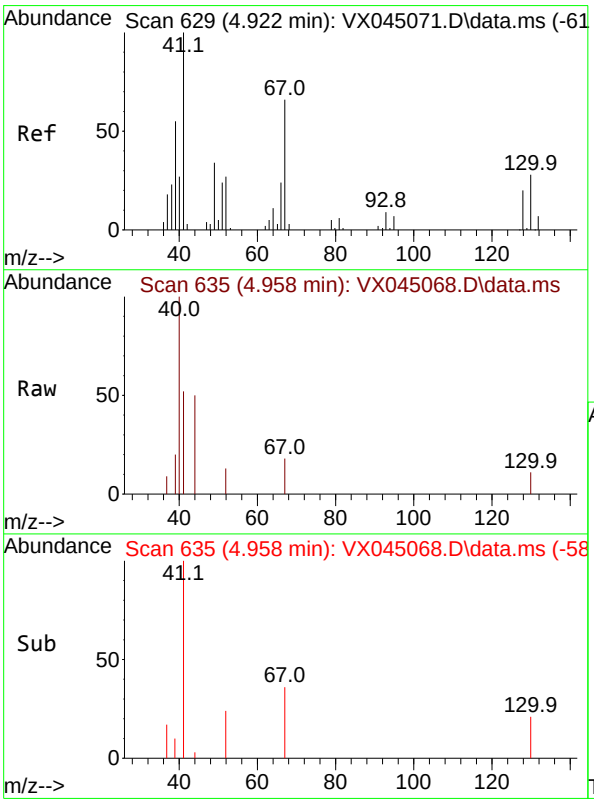
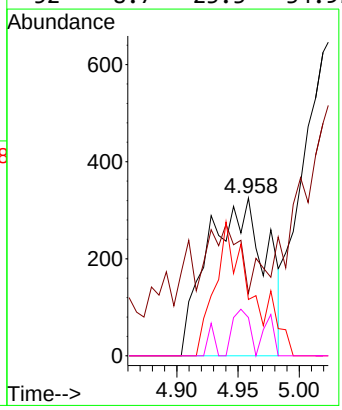
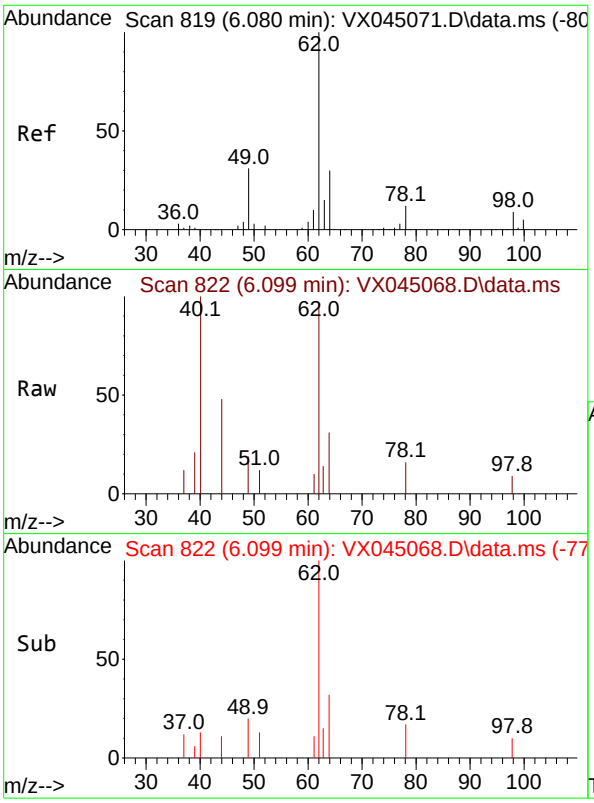


#41
Methacrylonitrile
Concen: 0.879 ug/l m
RT: 4.958 min Scan# 635
Delta R.T. 0.037 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 41 Resp: 1072

Ion	Ratio	Lower	Upper
41	100		
39	29.2	44.6	67.0#
67	53.9	53.9	80.9#
52	8.7	23.3	34.9#

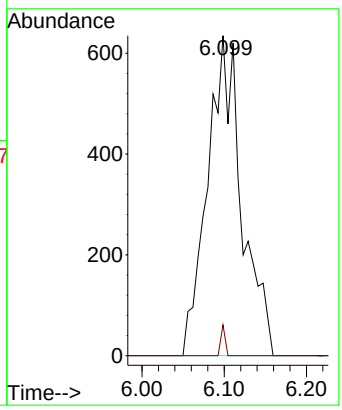




#42
1,2-Dichloroethane
Concen: 0.924 ug/l
RT: 6.099 min Scan# 8
Delta R.T. 0.018 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 62 Resp: 183

Ion	Ratio	Lower	Upper
62	100		
98	1.2	0.0	18.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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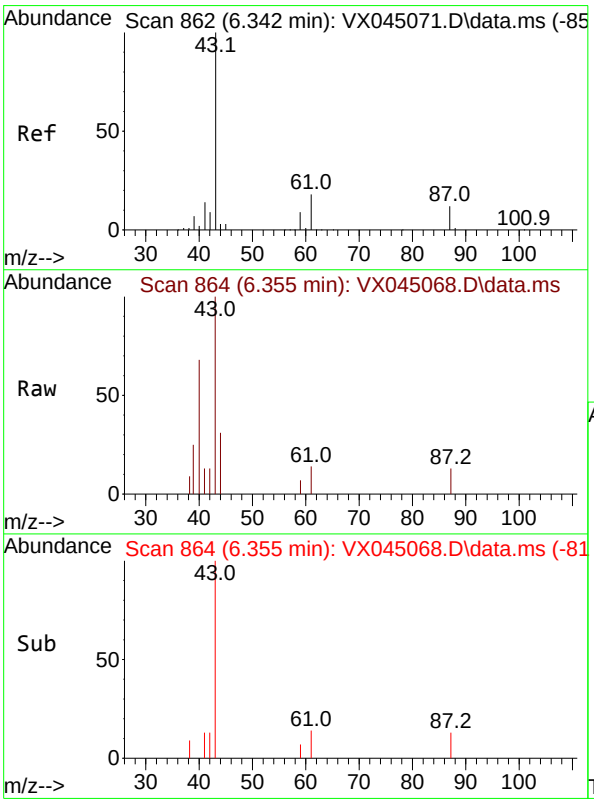
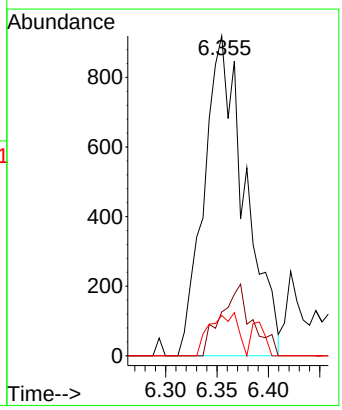
Supervised By :Mahesh Dadoda 02/28/2025

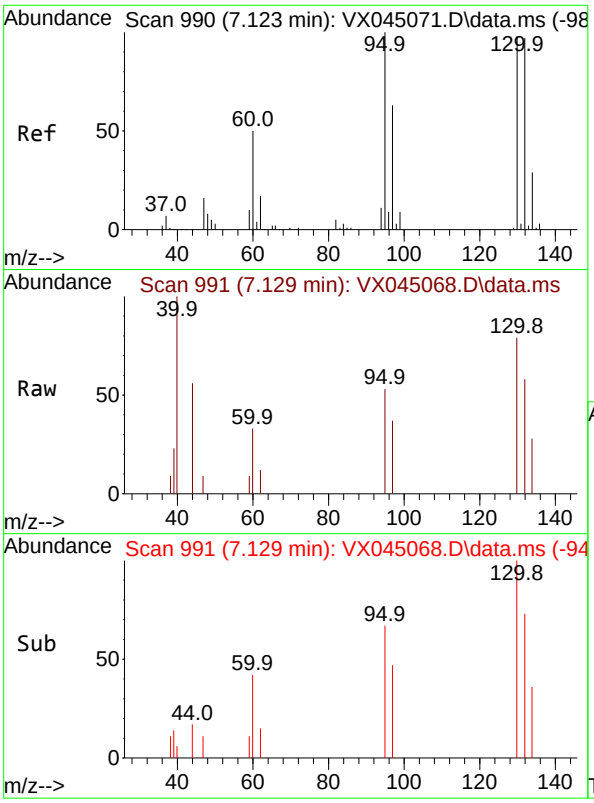


#43
Isopropyl Acetate
Concen: 0.767 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.012 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 43 Resp: 2545

Ion	Ratio	Lower	Upper
43	100		
61	17.0	14.9	22.3
87	9.2	9.4	14.2#

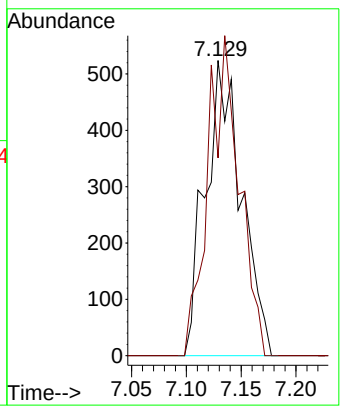




#44
Trichloroethene
Concen: 0.933 ug/l
RT: 7.129 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion:130 Resp: 120

Ion	Ratio	Lower	Upper
130	100		
95	67.0	0.0	205.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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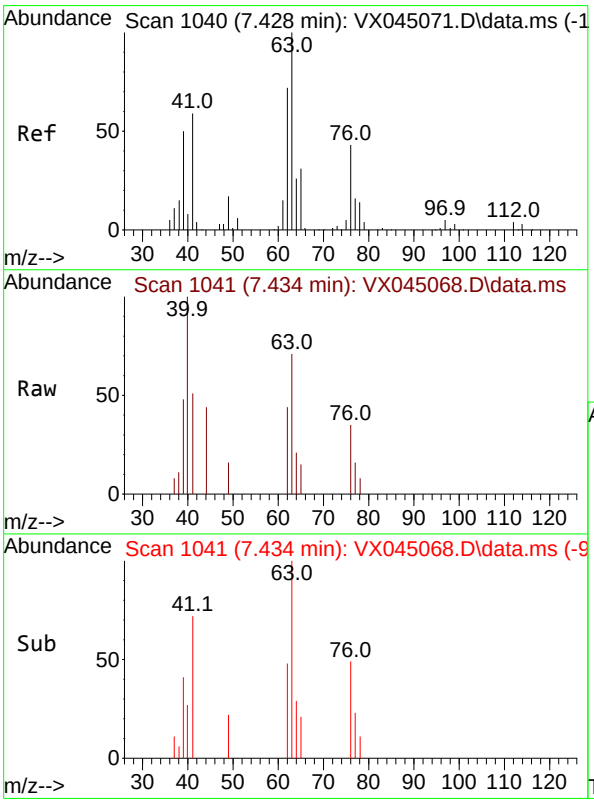
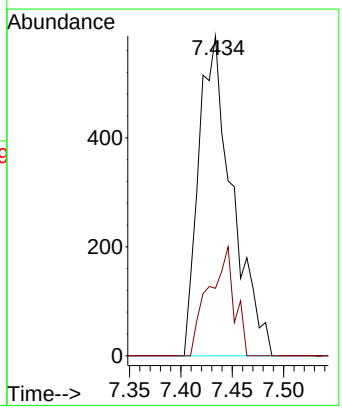
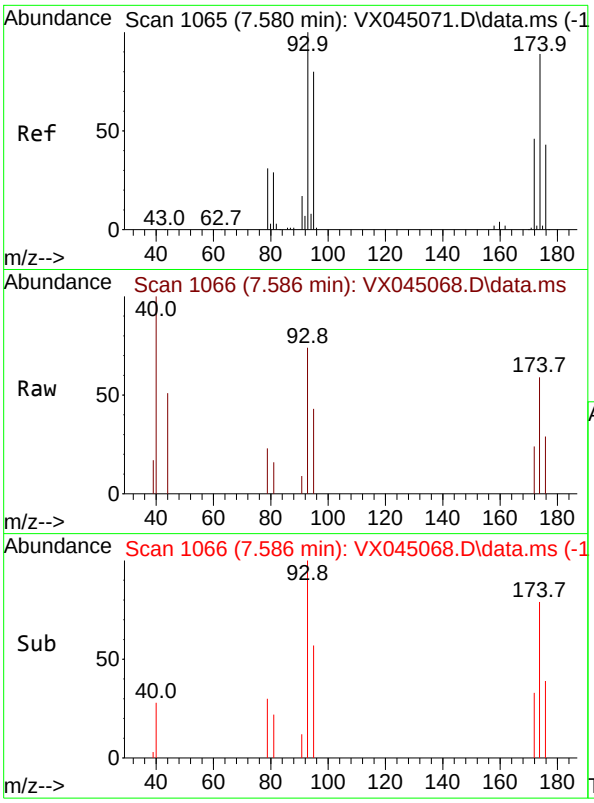


#45
1,2-Dichloropropane
Concen: 0.971 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 63 Resp: 1334

Ion	Ratio	Lower	Upper
63	100		
65	21.1	24.7	37.1#

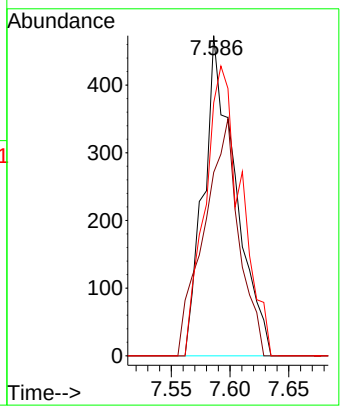




#46
Dibromomethane
Concen: 0.897 ug/l
RT: 7.586 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 93 Resp: 89

Ion	Ratio	Lower	Upper
93	100		
95	80.9	65.8	98.8
174	102.8	72.2	108.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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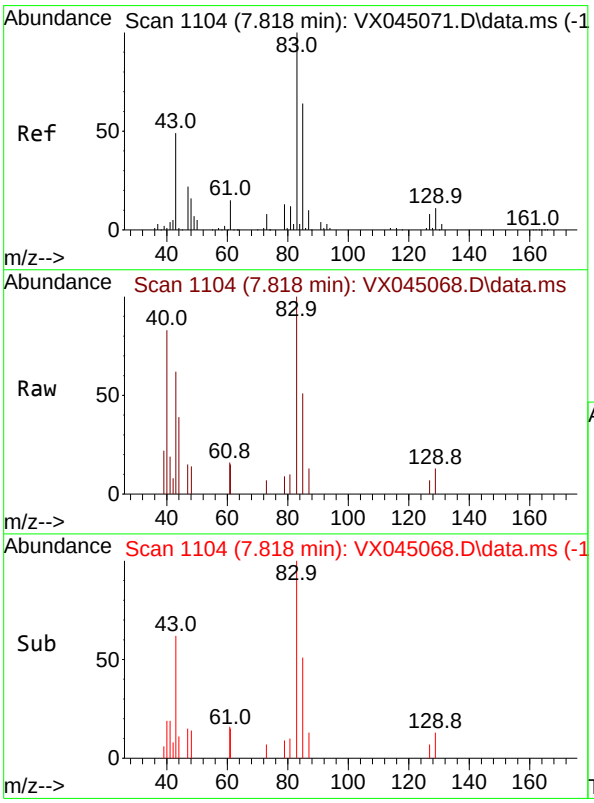
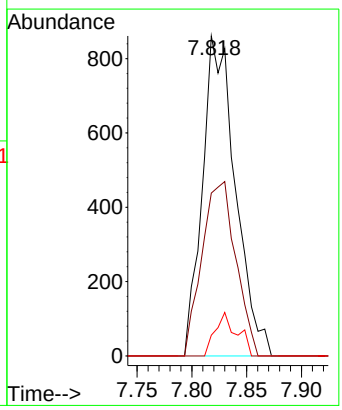
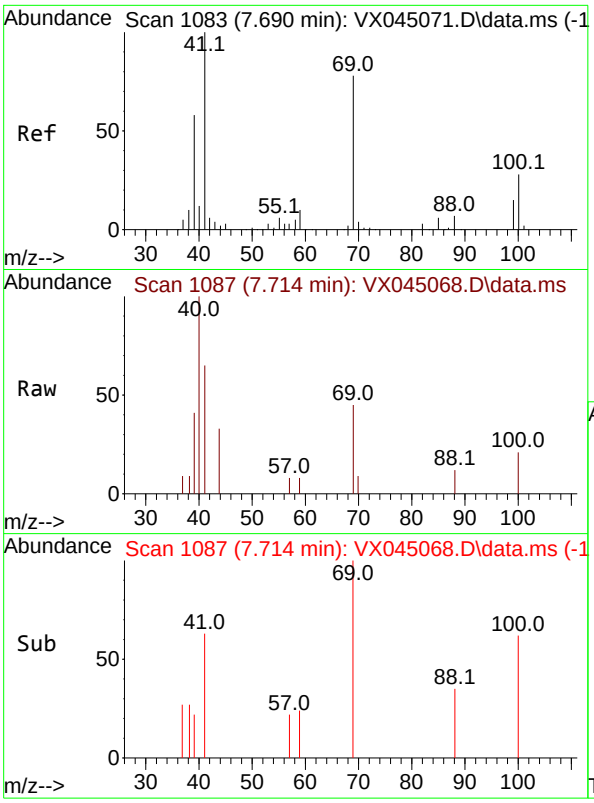


#47
Bromodichloromethane
Concen: 0.927 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 83 Resp: 1802

Ion	Ratio	Lower	Upper
83	100		
85	50.9	51.1	76.7#
127	6.5	6.4	9.6

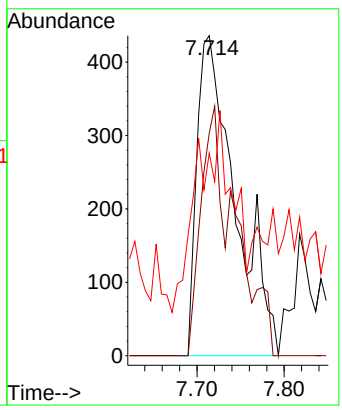




#48
Methyl methacrylate
Concen: 0.825 ug/l m
RT: 7.714 min Scan# 1
Delta R.T. 0.024 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 41 Resp: 132

Ion	Ratio	Lower	Upper
41	100		
69	41.4	63.0	94.6#
39	20.7	47.5	71.3#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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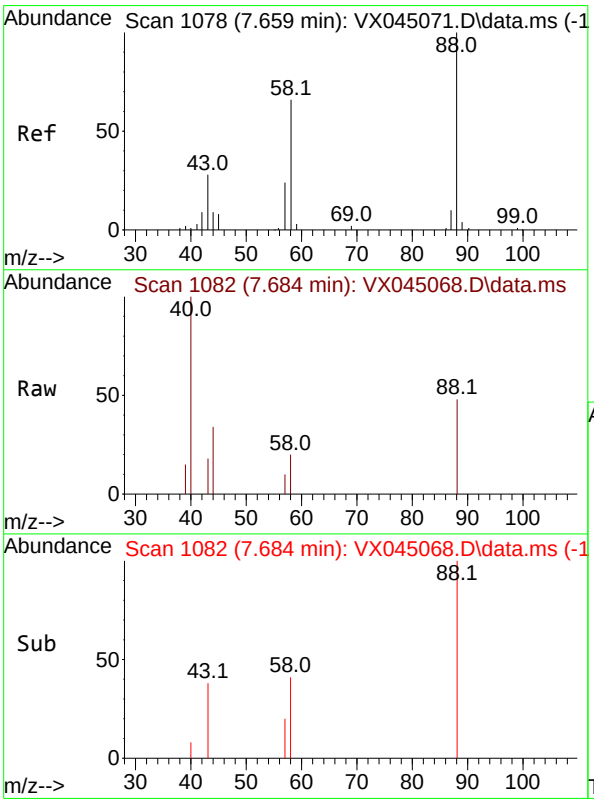
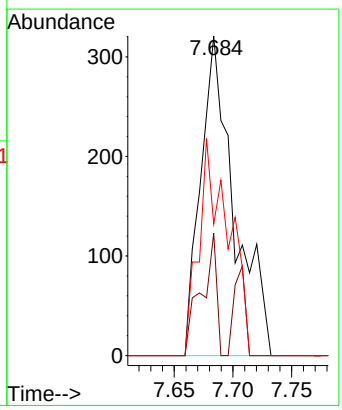
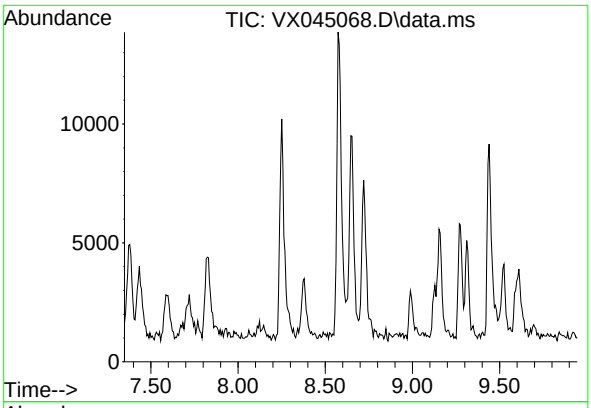


#49
1,4-Dioxane
Concen: 18.144 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. 0.024 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 88 Resp: 639

Ion	Ratio	Lower	Upper
88	100		
43	17.2	28.7	43.1#
58	59.9	55.8	83.8





#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 8.65 min

Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 98

Sig	Exp Ratio
98	100
100	65.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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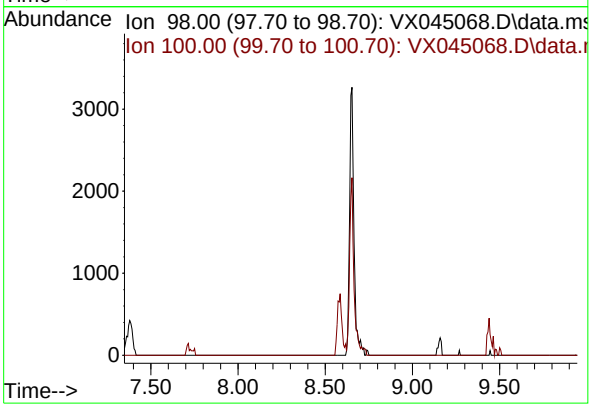
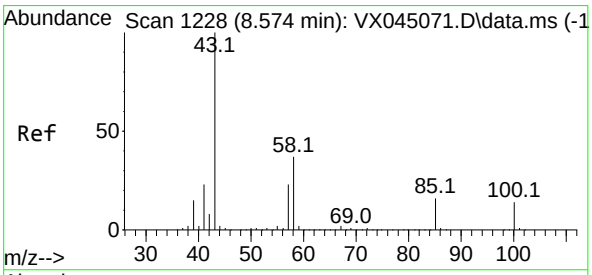
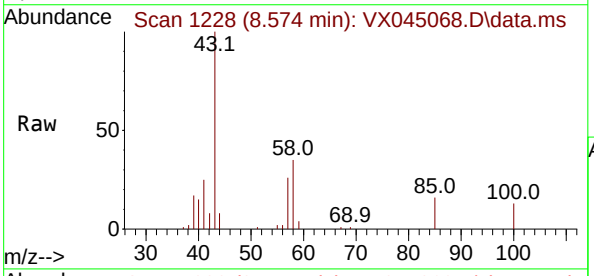


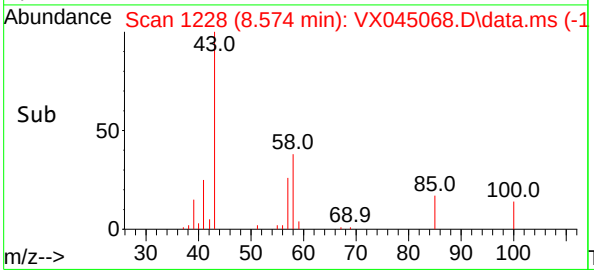


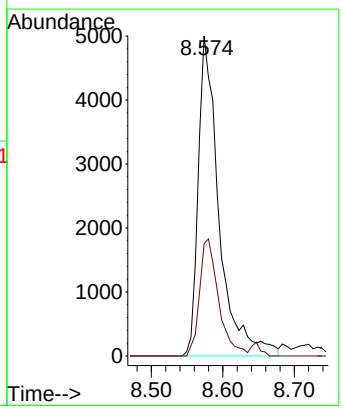
#51
4-Methyl-2-Pentanone
Concen: 4.567 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

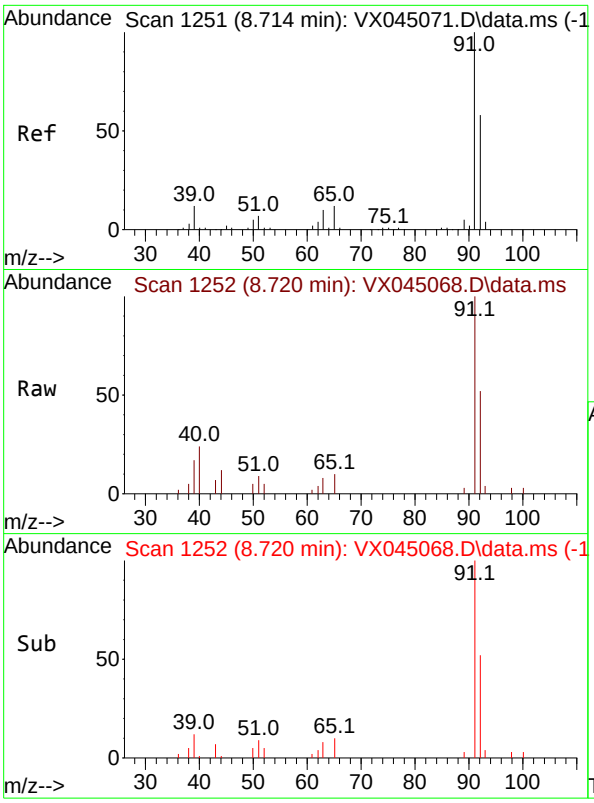
Tgt Ion: 43 Resp: 10091

Ion	Ratio	Lower	Upper
43	100		
58	33.5	29.2	43.8





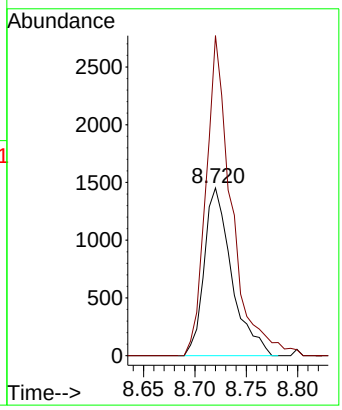




#52
Toluene
Concen: 0.841 ug/l
RT: 8.720 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 92 Resp: 270

Ion	Ratio	Lower	Upper
92	100		
91	177.7	138.9	208.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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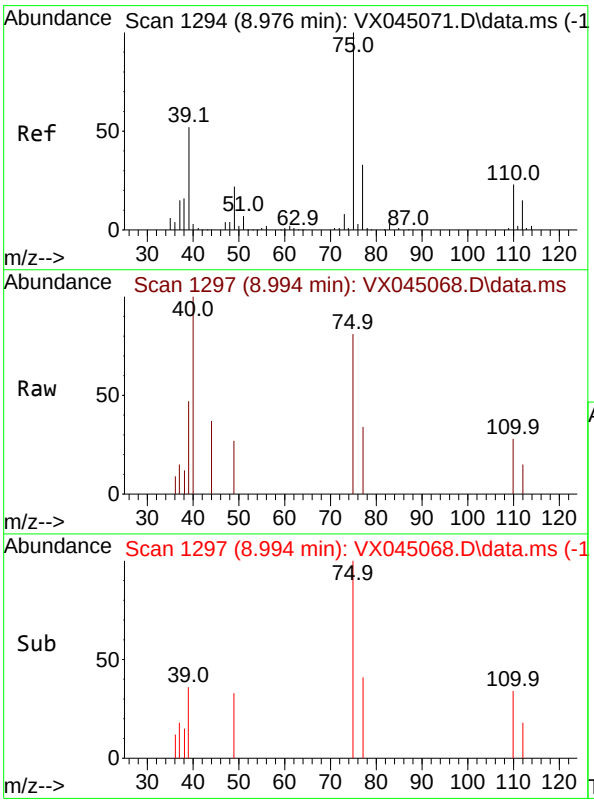
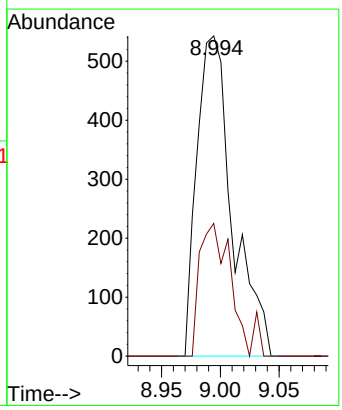
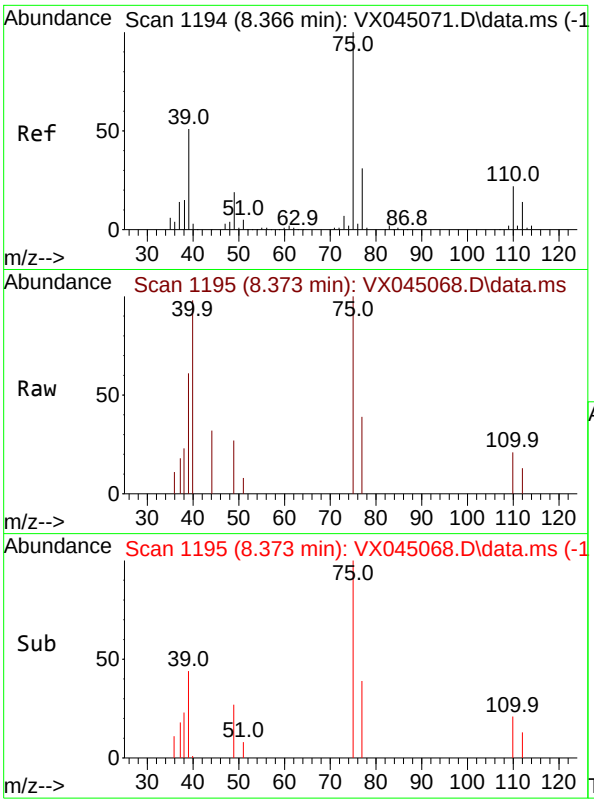


#53
t-1,3-Dichloropropene
Concen: 0.700 ug/l
RT: 8.994 min Scan# 1297
Delta R.T. 0.018 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 75 Resp: 1147

Ion	Ratio	Lower	Upper
75	100		
77	41.4	26.5	39.7#

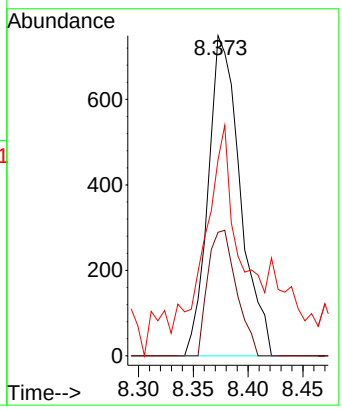




#54
cis-1,3-Dichloropropene
Concen: 0.804 ug/l
RT: 8.373 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 75 Resp: 152

Ion	Ratio	Lower	Upper
75	100		
77	38.6	24.7	37.1#
39	45.1	40.7	61.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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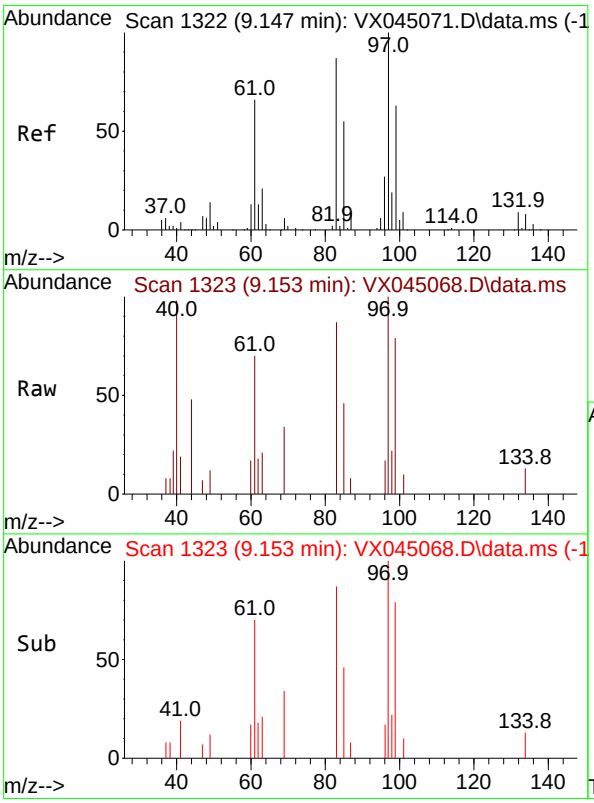
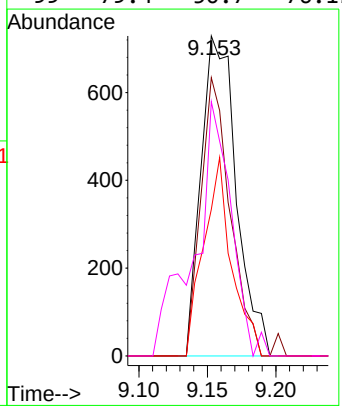
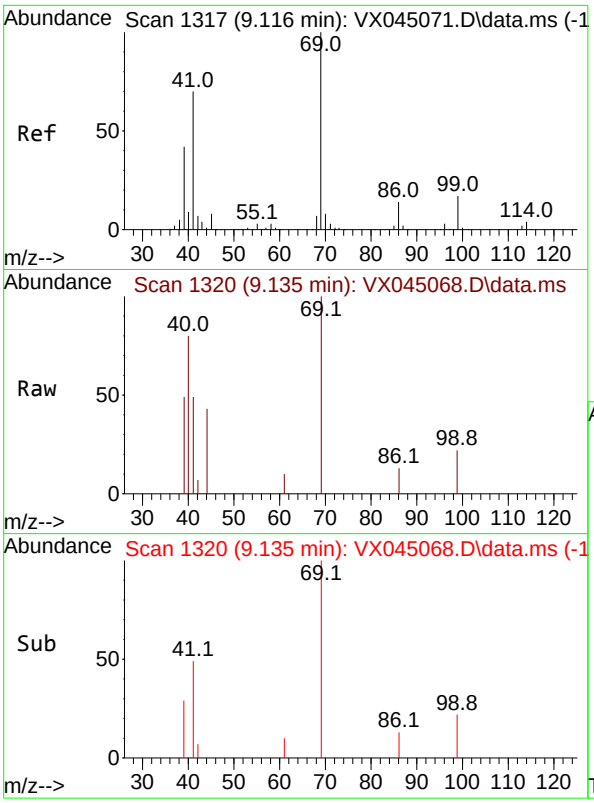


#55
1,1,2-Trichloroethane
Concen: 1.004 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 97 Resp: 1306

Ion	Ratio	Lower	Upper
97	100		
83	87.0	69.4	104.2
85	45.8	44.1	66.1
99	79.4	50.7	76.1#

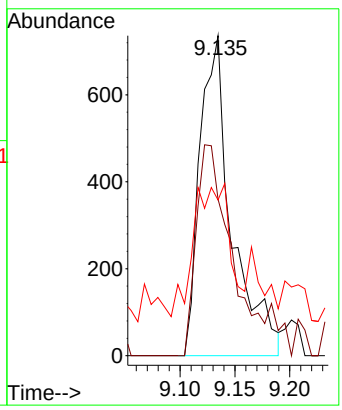




#56
Ethyl methacrylate
Concen: 0.748 ug/l
RT: 9.135 min Scan# 1
Delta R.T. 0.018 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 69 Resp: 149

Ion	Ratio	Lower	Upper
69	100		
41	71.5	57.0	85.4
39	54.6	34.2	51.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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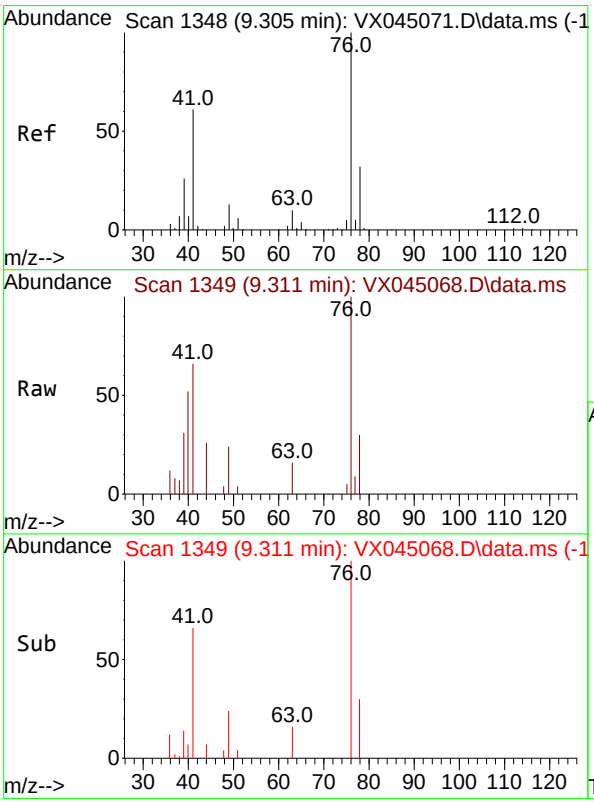
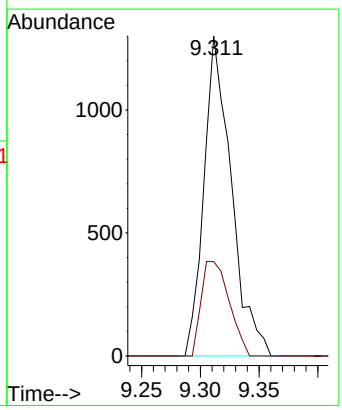
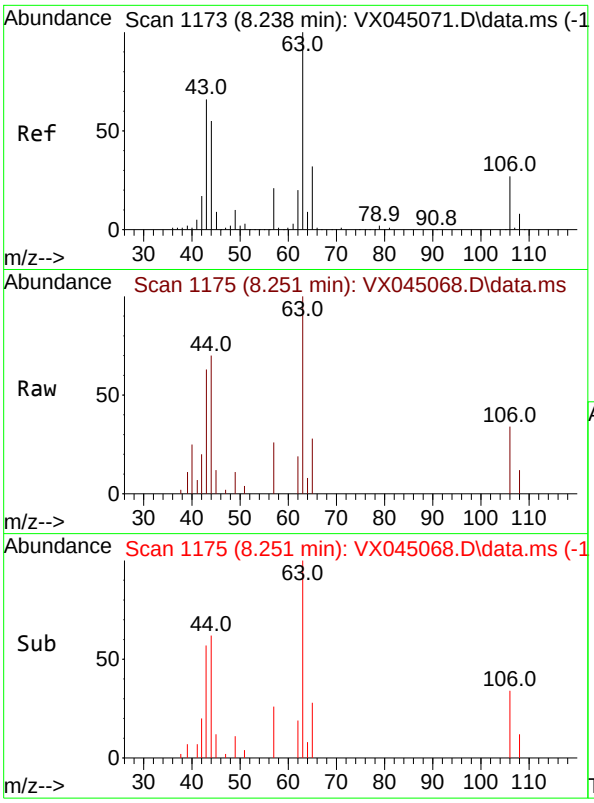


#57
1,3-Dichloropropane
Concen: 0.920 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 76 Resp: 2112

Ion	Ratio	Lower	Upper
76	100		
78	30.1	25.5	38.3

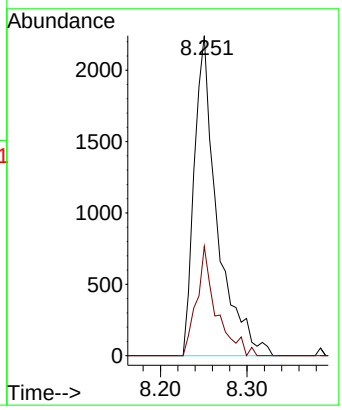




#58
2-Chloroethyl Vinyl ether
Concen: 4.320 ug/l
RT: 8.251 min Scan# 1
Delta R.T. 0.012 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 63 Resp: 411

Ion	Ratio	Lower	Upper
63	100		
106	29.2	21.5	32.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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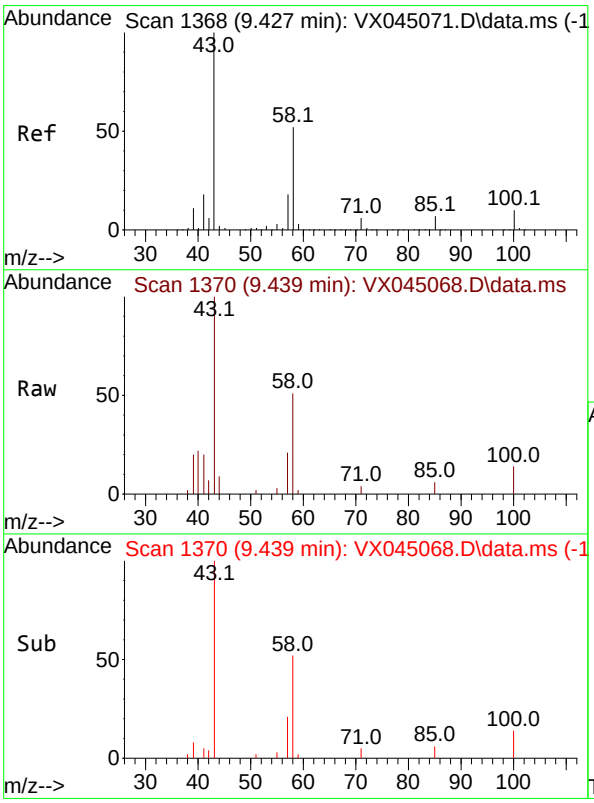
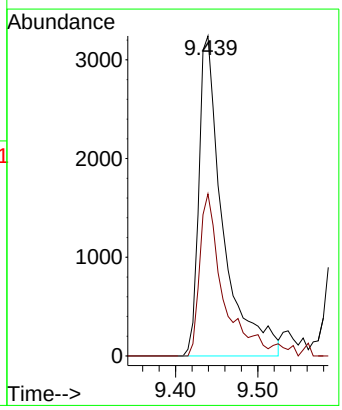
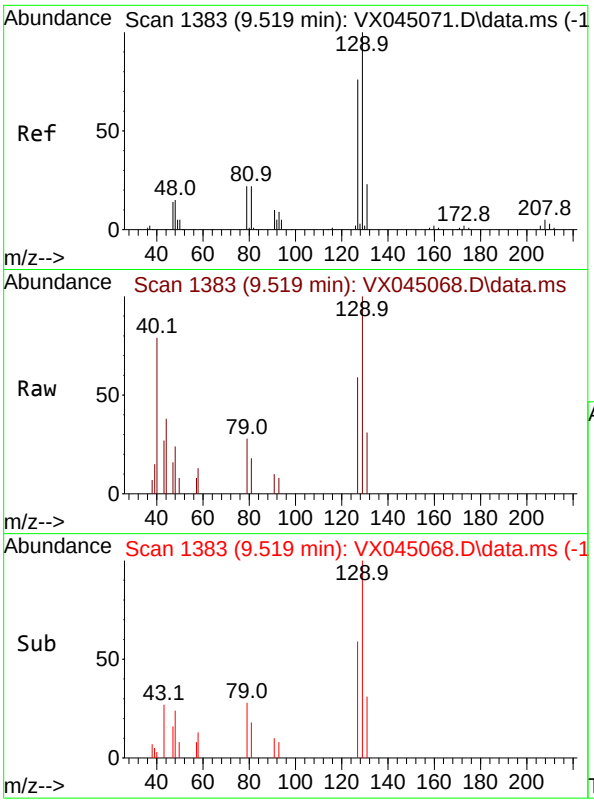


#59
2-Hexanone
Concen: 4.153 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.012 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 43 Resp: 6582

Ion	Ratio	Lower	Upper
43	100		
58	48.7	25.9	77.6

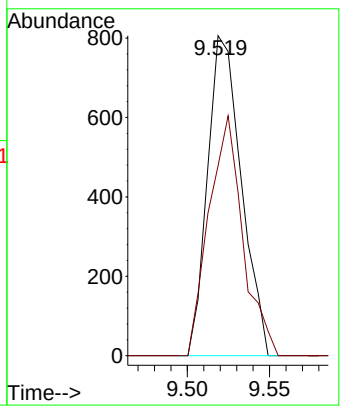




#60
Dibromochloromethane
Concen: 0.835 ug/l
RT: 9.519 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion:129 Resp: 115

Ion	Ratio	Lower	Upper
129	100		
127	75.2	38.5	115.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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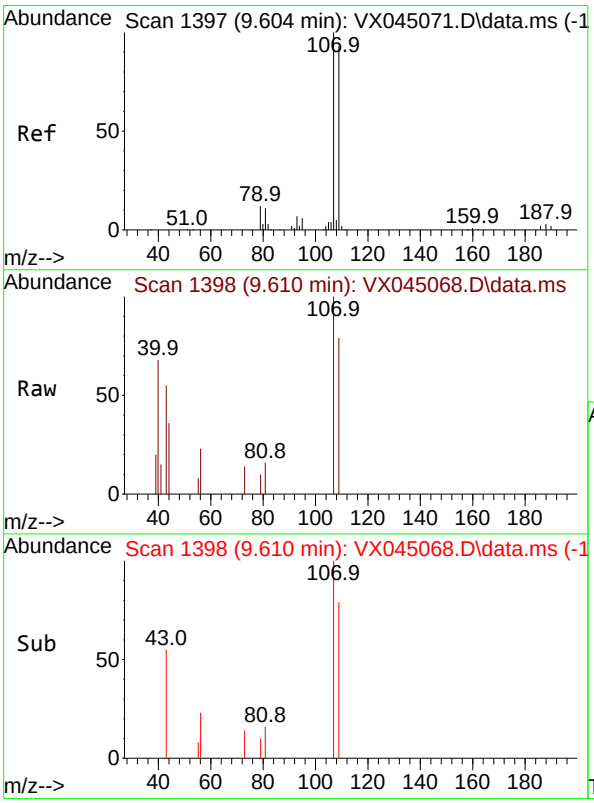
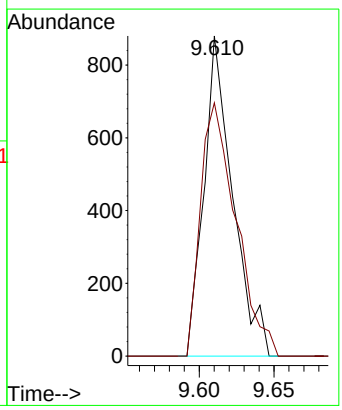
Supervised By :Mahesh Dadoda 02/28/2025

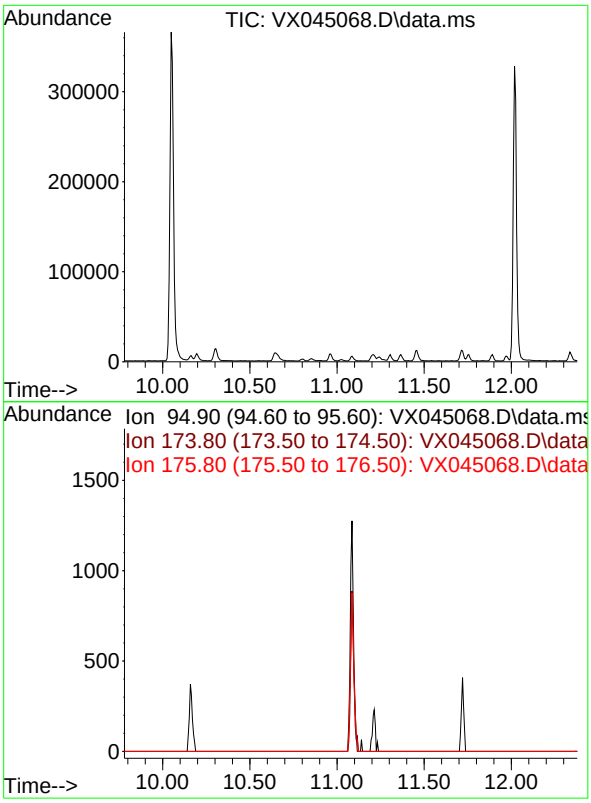


#61
1,2-Dibromoethane
Concen: 0.890 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion:107 Resp: 1174

Ion	Ratio	Lower	Upper
107	100		
109	97.6	76.1	114.1





#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 11.08 min

Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 95

Sig	Exp Ratio
95	100
174	74.1
176	70.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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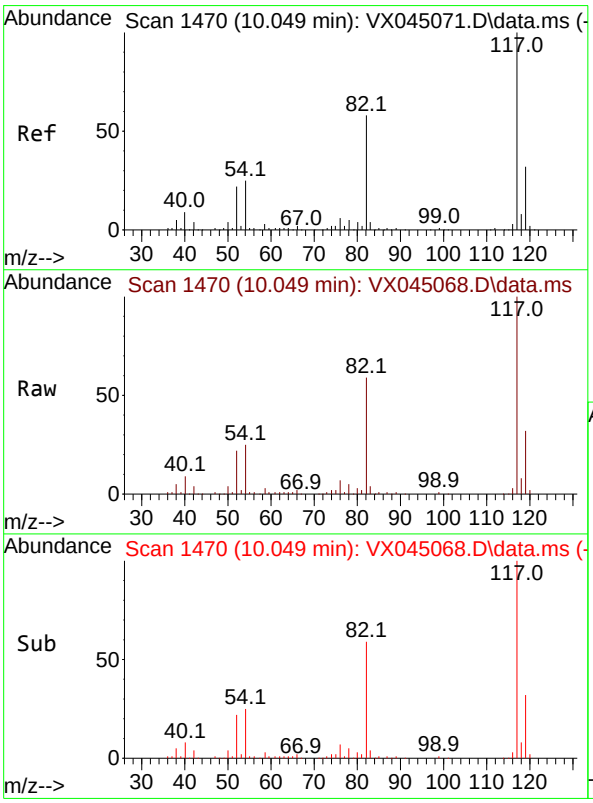
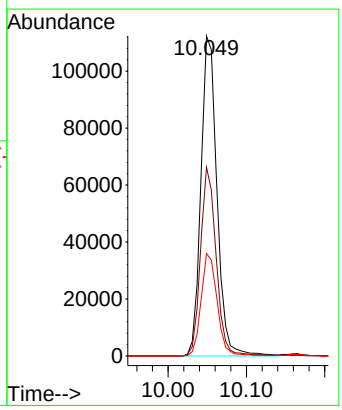
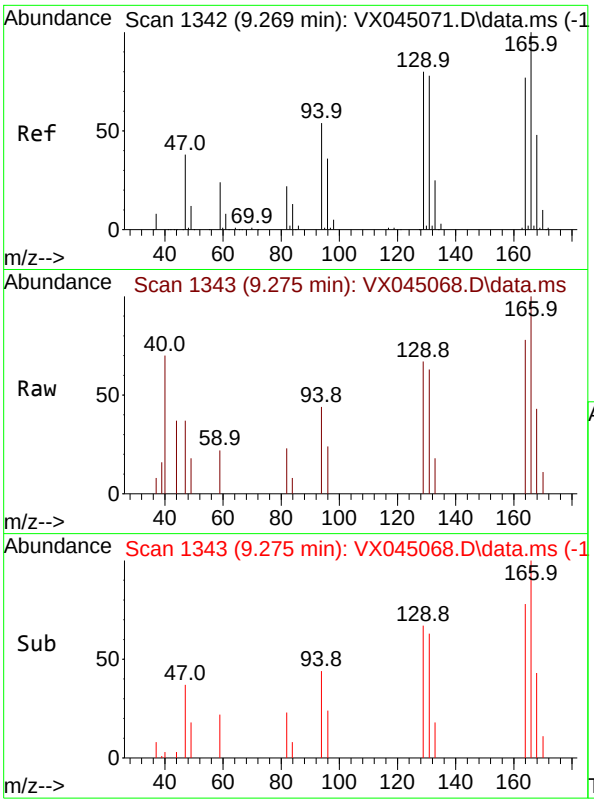


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion:117 Resp: 159886

Ion	Ratio	Lower	Upper
117	100		
82	59.0	46.3	69.5
119	32.0	25.7	38.5

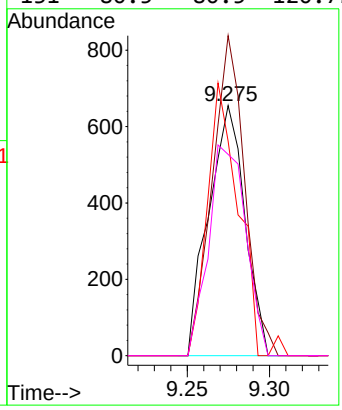




#64
Tetrachloroethene
Concen: 0.986 ug/l
RT: 9.275 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion:164 Resp: 100

Ion	Ratio	Lower	Upper
164	100		
166	127.9	103.6	155.4
129	85.8	82.7	124.1
131	80.5	80.5	120.7#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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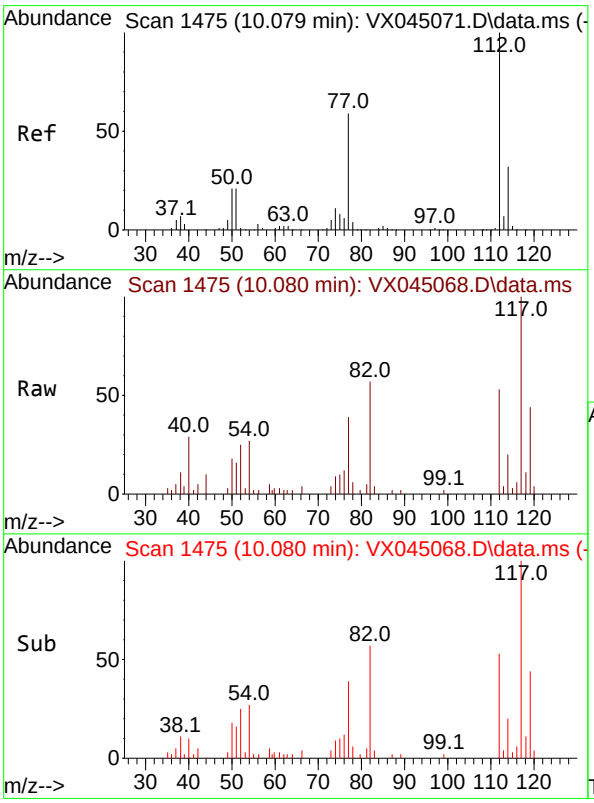
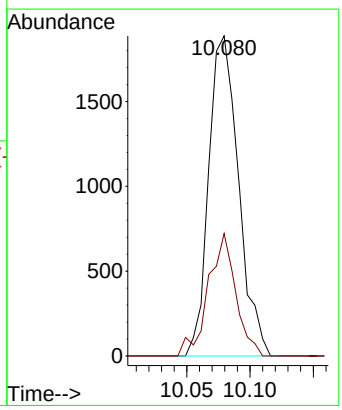
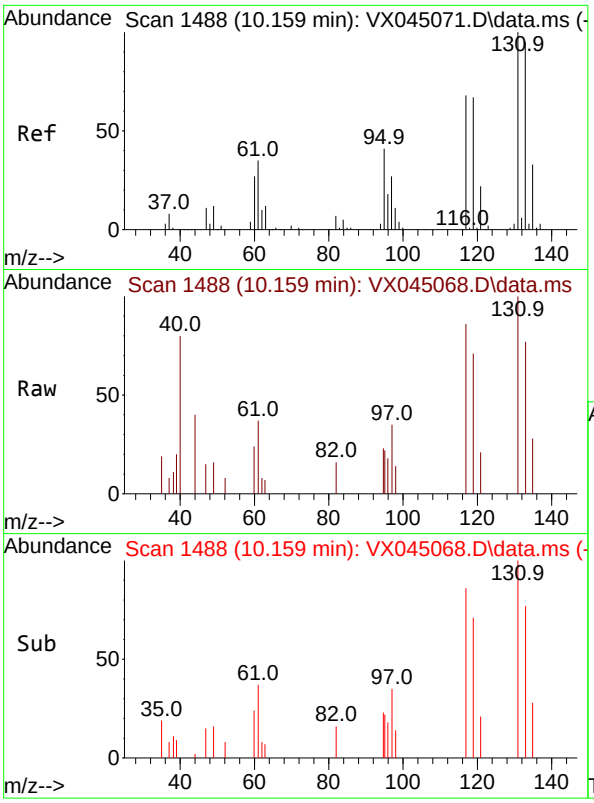


#65
Chlorobenzene
Concen: 0.908 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion:112 Resp: 3094

Ion	Ratio	Lower	Upper
112	100		
114	38.3	26.0	39.0





#66
1,1,1,2-Tetrachloroethane
Concen: 0.978 ug/l
RT: 10.159 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion:131 Resp: 107

Ion	Ratio	Lower	Upper
131	100		
133	98.6	48.6	145.9
119	0.0	33.9	101.7#

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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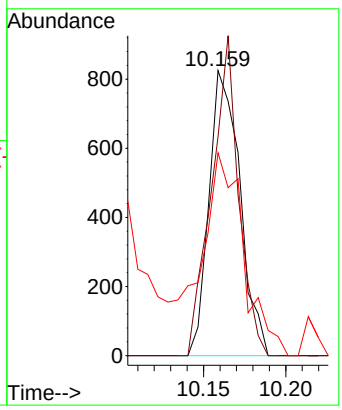
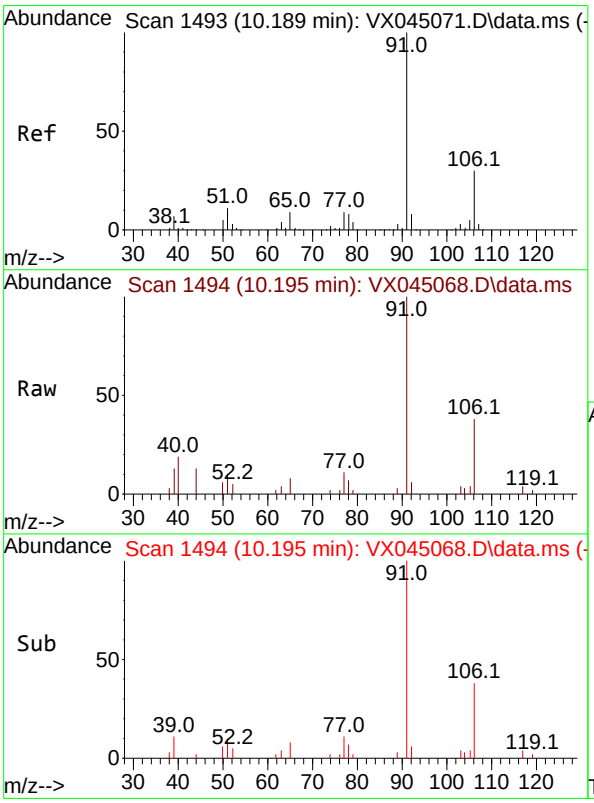
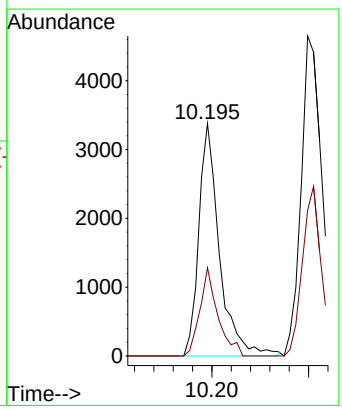


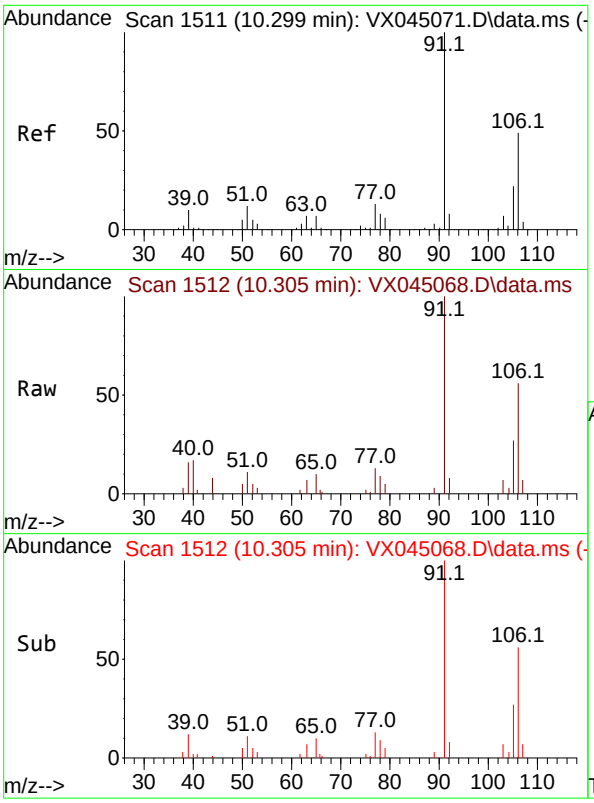


#67
Ethyl Benzene
Concen: 0.846 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 91 Resp: 5008

Ion	Ratio	Lower	Upper
91	100		
106	38.0	23.9	35.9#

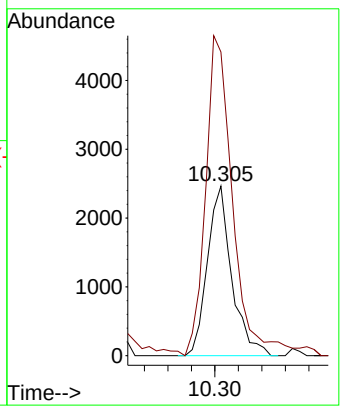




#68
m/p-Xylenes
Concen: 1.630 ug/l
RT: 10.305 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion:106 Resp: 355

Ion	Ratio	Lower	Upper
106	100		
91	211.2	165.4	248.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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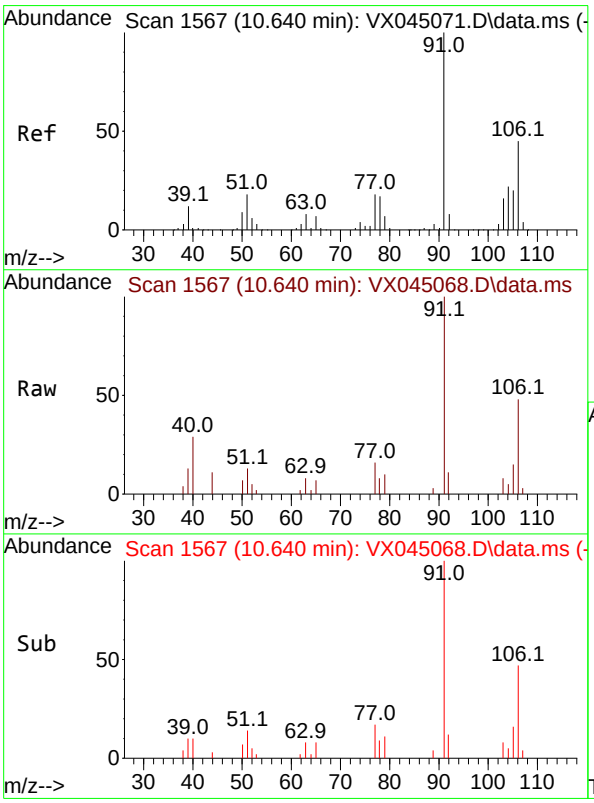
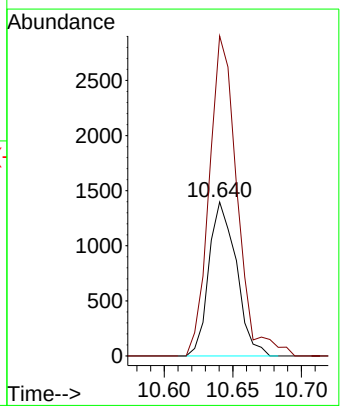
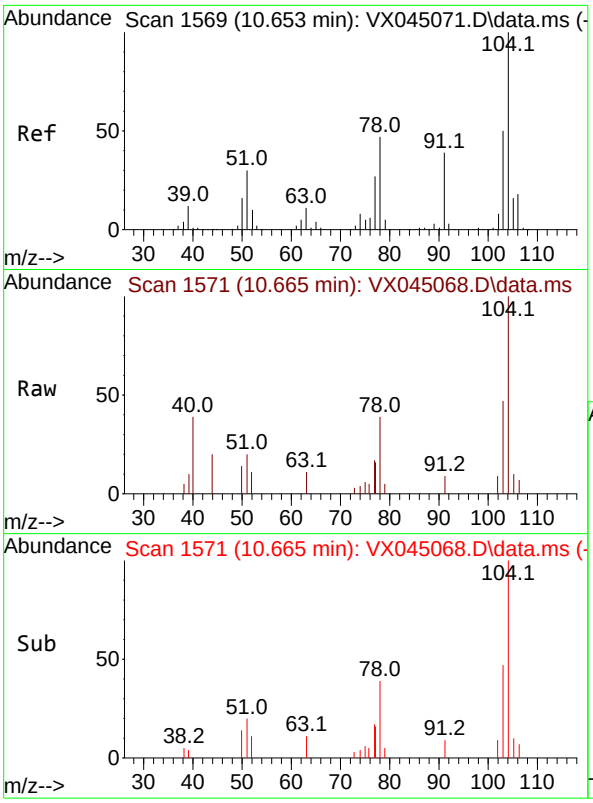


#69
o-Xylene
Concen: 0.891 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion:106 Resp: 1949

Ion	Ratio	Lower	Upper
106	100		
91	211.0	109.9	329.6

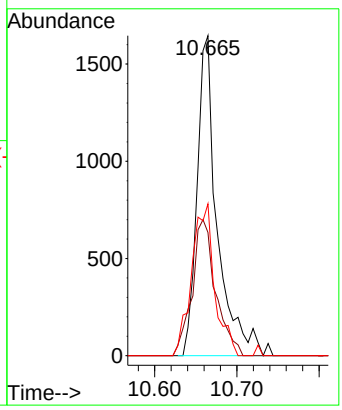




#70
Styrene
Concen: 0.802 ug/l
RT: 10.665 min Scan# 1
Delta R.T. 0.012 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion:104 Resp: 281

Ion	Ratio	Lower	Upper
104	100		
78	49.7	42.2	63.4
103	53.6	43.8	65.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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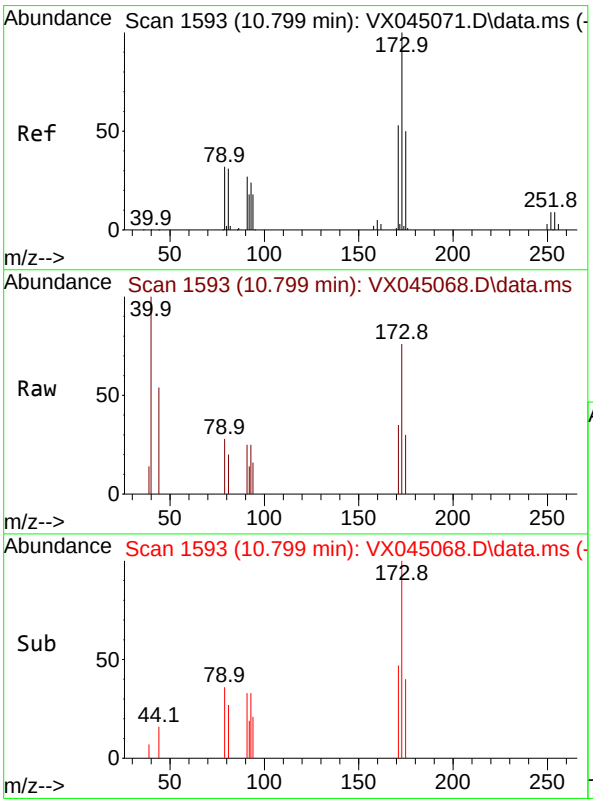
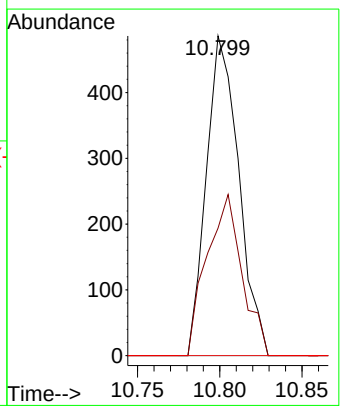
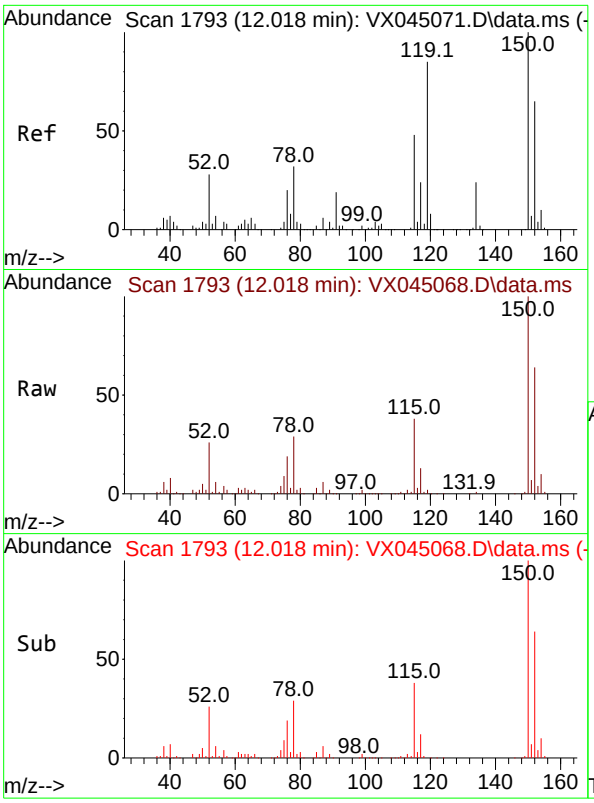


#71
Bromoform
Concen: 0.768 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion:173 Resp: 667

Ion	Ratio	Lower	Upper
173	100		
175	54.7	24.6	73.6
254	0.0	0.0	0.0

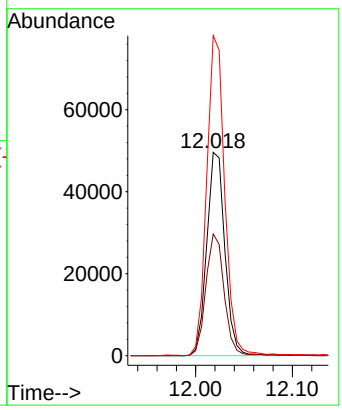




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion:152 Resp: 6484

Ion	Ratio	Lower	Upper
152	100		
115	60.3	44.2	132.6
150	157.1	0.0	349.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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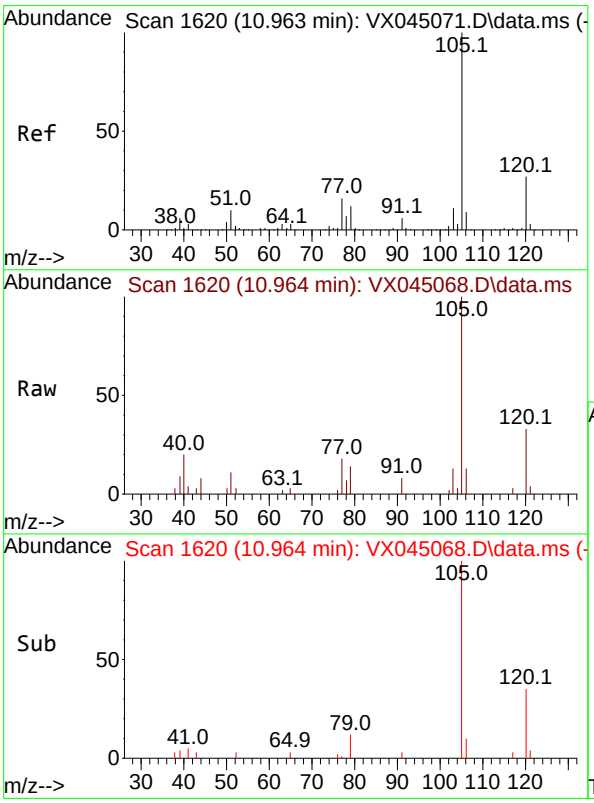
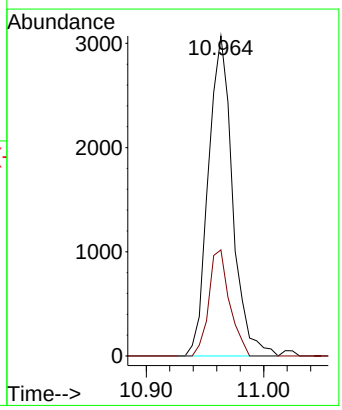
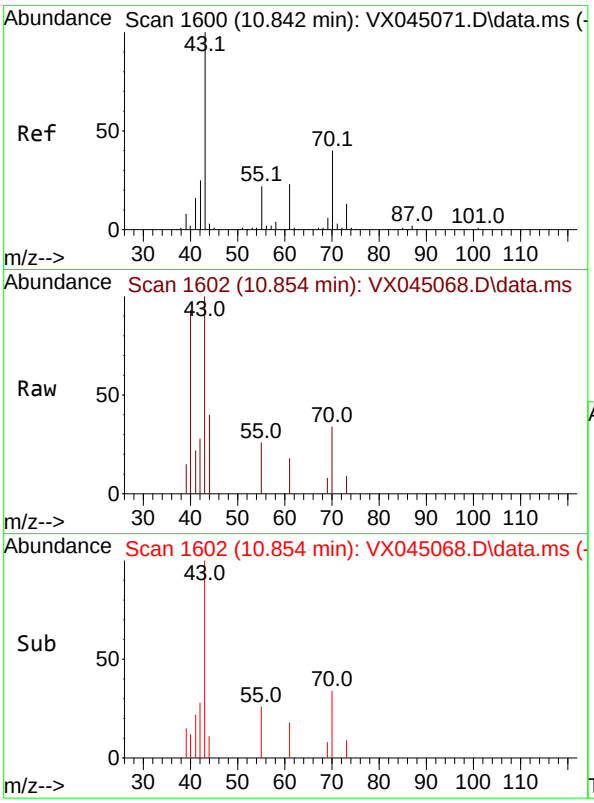


#73
Isopropylbenzene
Concen: 0.858 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion:105 Resp: 4405

Ion	Ratio	Lower	Upper
105	100		
120	28.5	13.2	39.5

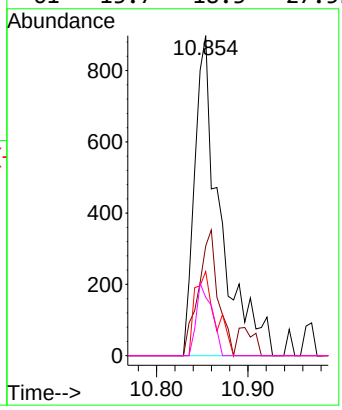




#74
N-amyl acetate
Concen: 0.732 ug/l
RT: 10.854 min Scan# 1
Delta R.T. 0.012 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 43 Resp: 175

Ion	Ratio	Lower	Upper
43	100		
70	30.1	31.8	47.6#
55	20.9	18.3	27.5
61	13.7	18.3	27.5#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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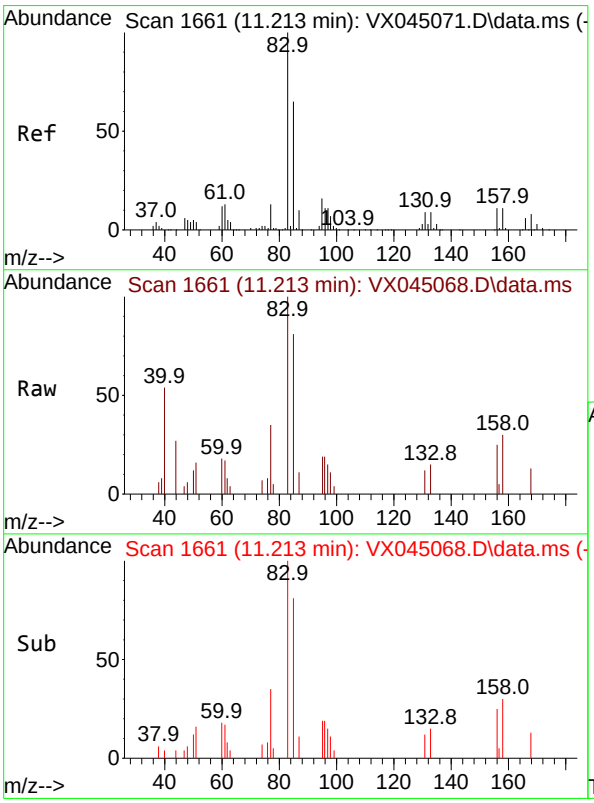
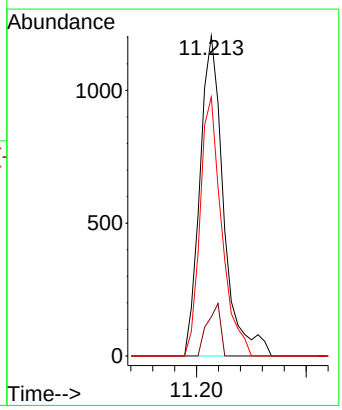
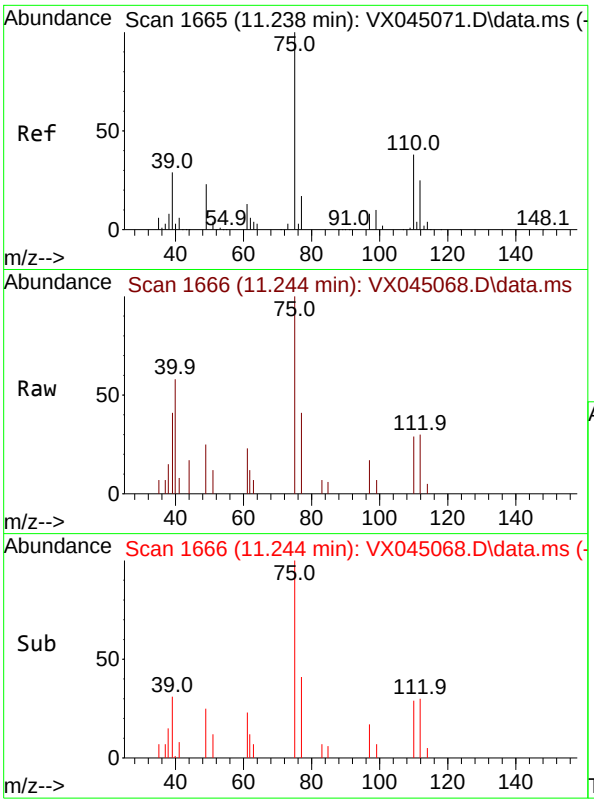


#75
1,1,2,2-Tetrachloroethane
Concen: 0.954 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 83 Resp: 1809

Ion	Ratio	Lower	Upper
83	100		
131	9.2	4.5	13.4
85	73.7	31.7	95.1

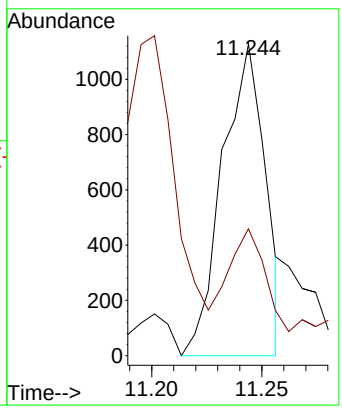




#76
1,2,3-Trichloropropane
Concen: 1.015 ug/l m
RT: 11.244 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 75 Resp: 153

Ion	Ratio	Lower	Upper
75	100		
77	40.0	20.7	62.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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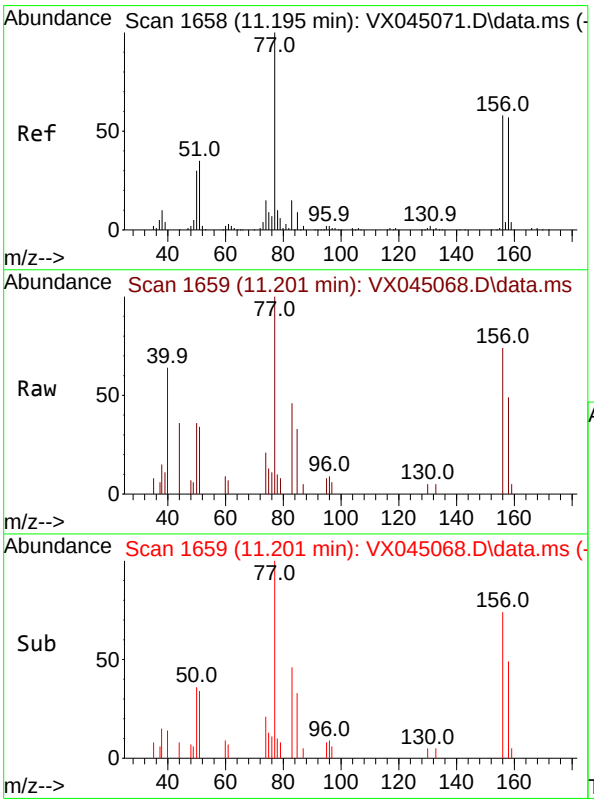
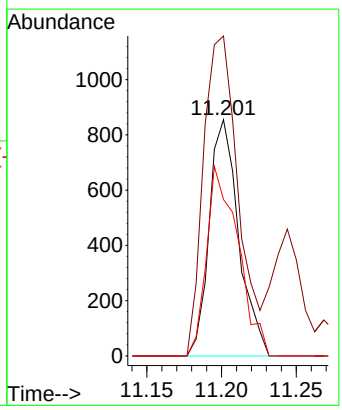
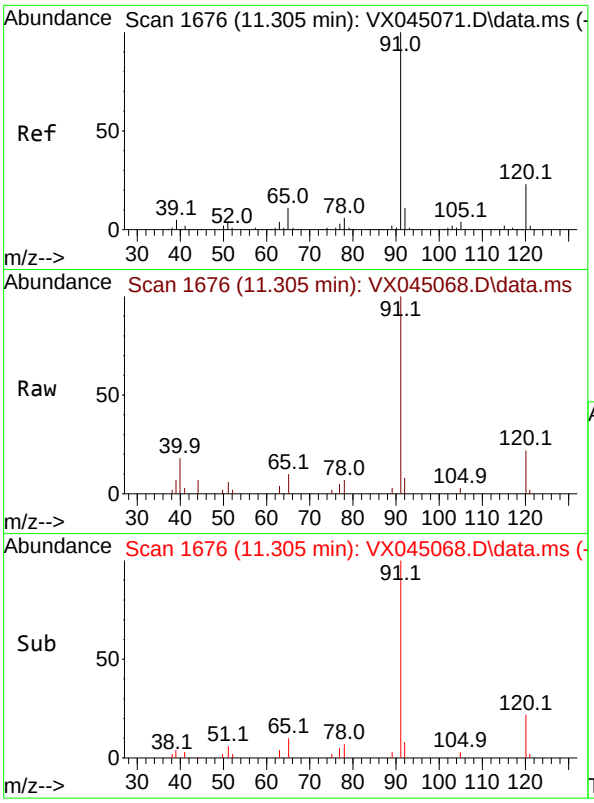


#77
Bromobenzene
Concen: 0.972 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion:156 Resp: 1166

Ion	Ratio	Lower	Upper
156	100		
77	159.8	85.8	257.4
158	86.2	48.4	145.2

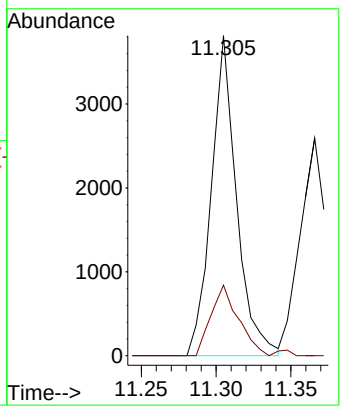




#78
n-propylbenzene
Concen: 0.773 ug/l
RT: 11.305 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 91 Resp: 447

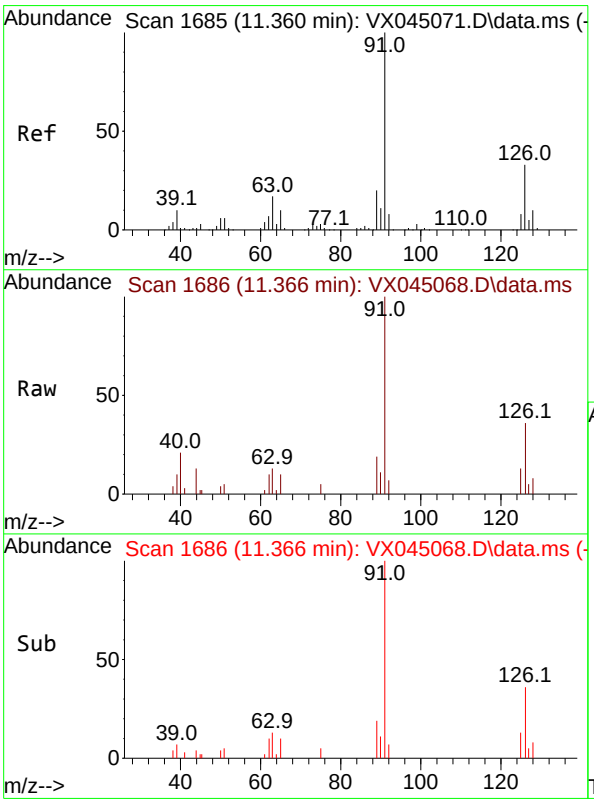
Ion	Ratio	Lower	Upper
91	100		
120	23.9	11.2	33.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

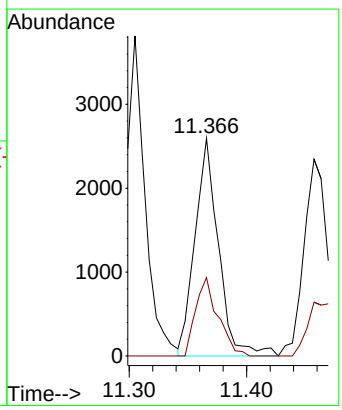
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

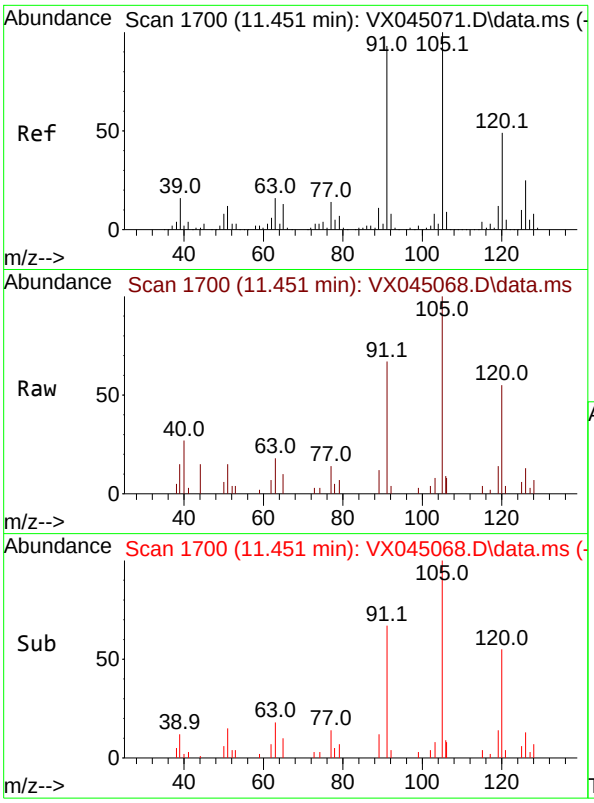


#79
2-Chlorotoluene
Concen: 0.986 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 91 Resp: 3616

Ion	Ratio	Lower	Upper
91	100		
126	34.2	16.4	49.4

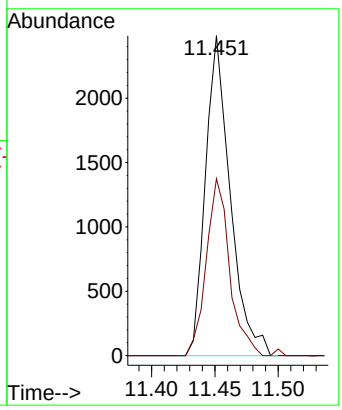




#80
1,3,5-Trimethylbenzene
Concen: 0.815 ug/l
RT: 11.451 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion:105 Resp: 338

Ion	Ratio	Lower	Upper
105	100		
120	52.2	24.1	72.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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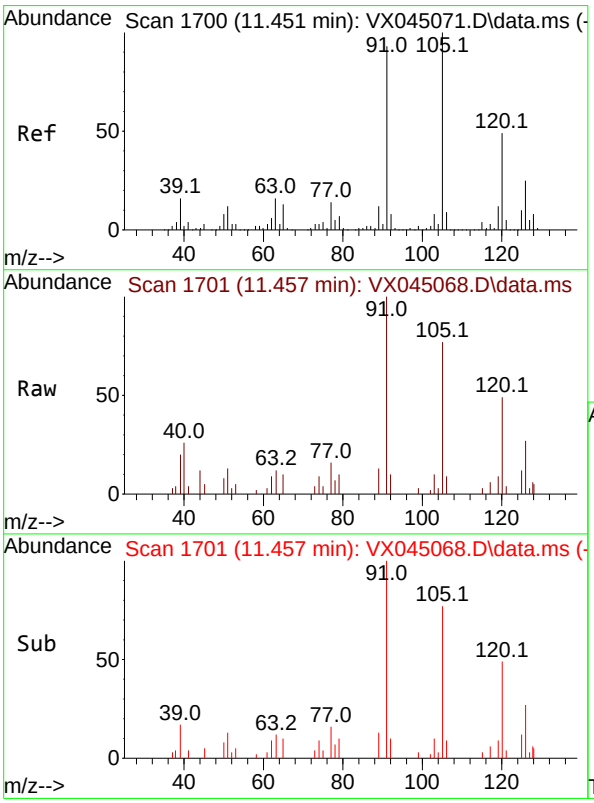
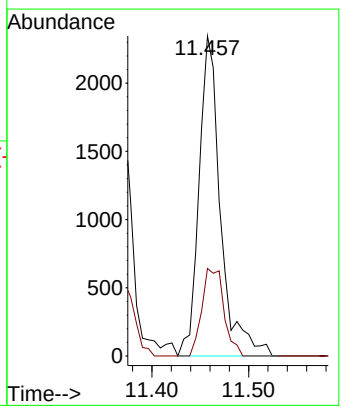
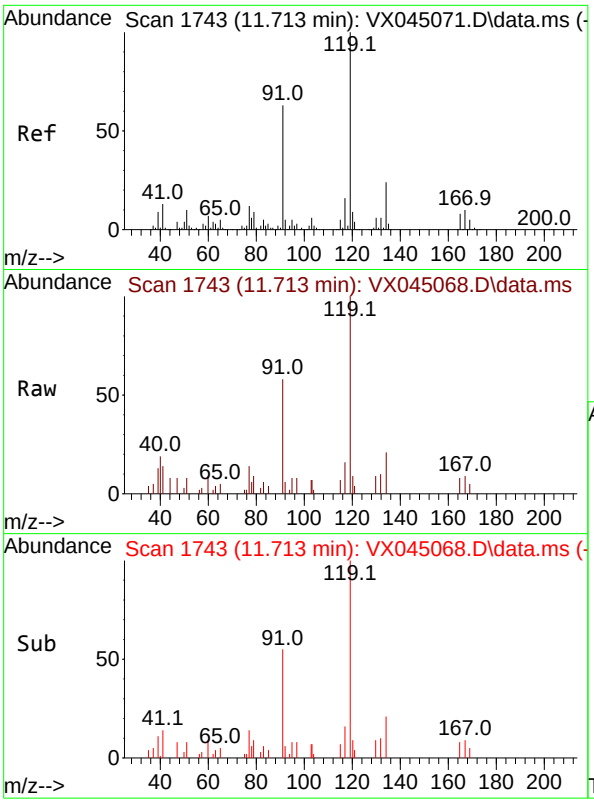


#82
4-Chlorotoluene
Concen: 0.904 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 91 Resp: 3631

Ion	Ratio	Lower	Upper
91	100		
126	28.0	14.1	42.4

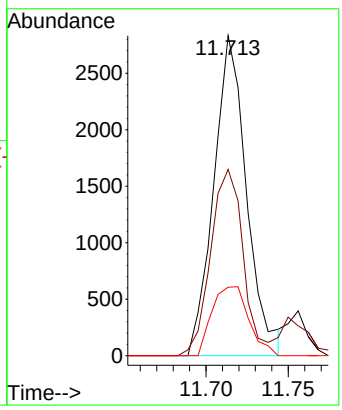




#83
tert-Butylbenzene
Concen: 0.929 ug/l
RT: 11.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion:119 Resp: 392

Ion	Ratio	Lower	Upper
119	100		
91	57.7	30.7	92.1
134	24.2	11.7	35.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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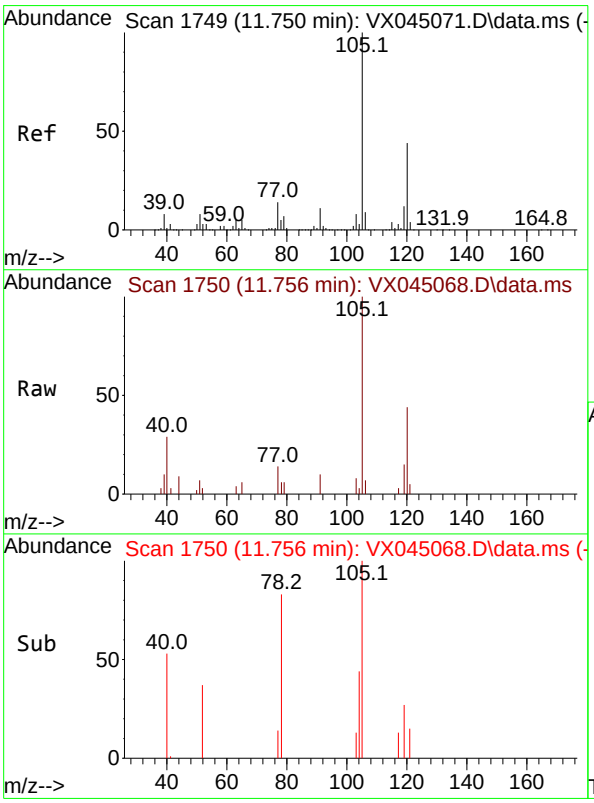
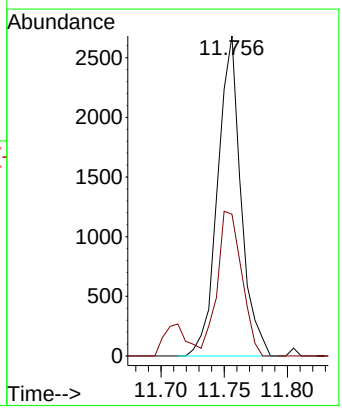
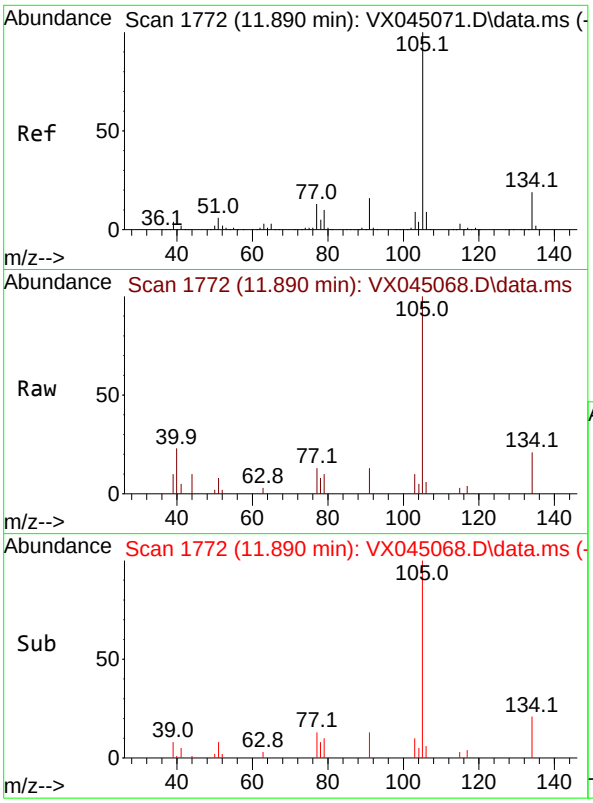


#84
1,2,4-Trimethylbenzene
Concen: 0.827 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion:105 Resp: 3432

Ion	Ratio	Lower	Upper
105	100		
120	47.5	22.1	66.1

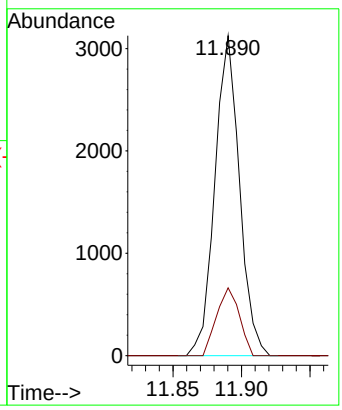




#85
sec-Butylbenzene
Concen: 0.752 ug/l
RT: 11.890 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion:105 Resp: 389

Ion	Ratio	Lower	Upper
105	100		
134	19.5	9.8	29.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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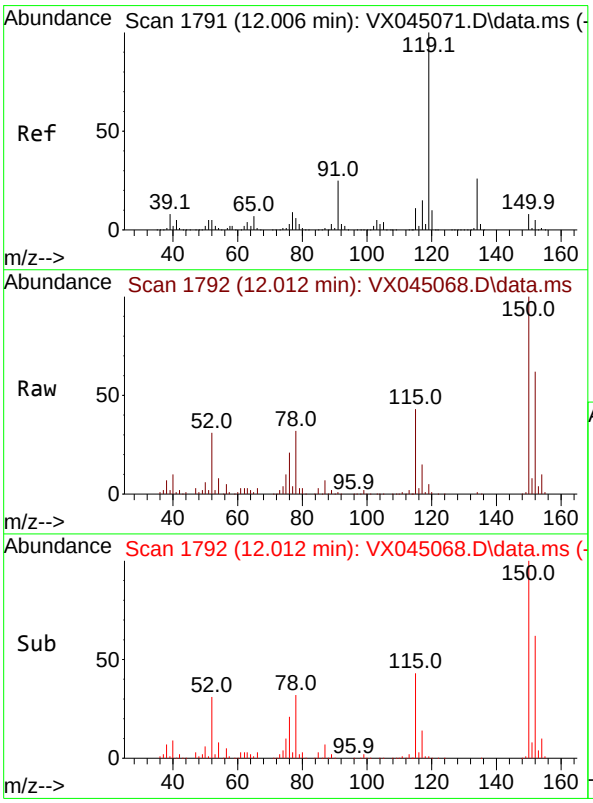
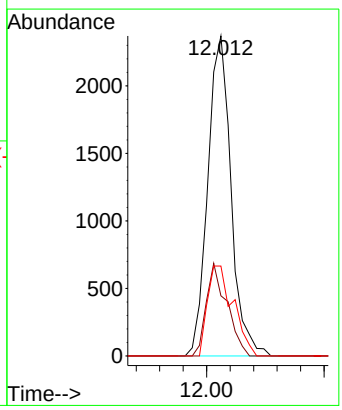
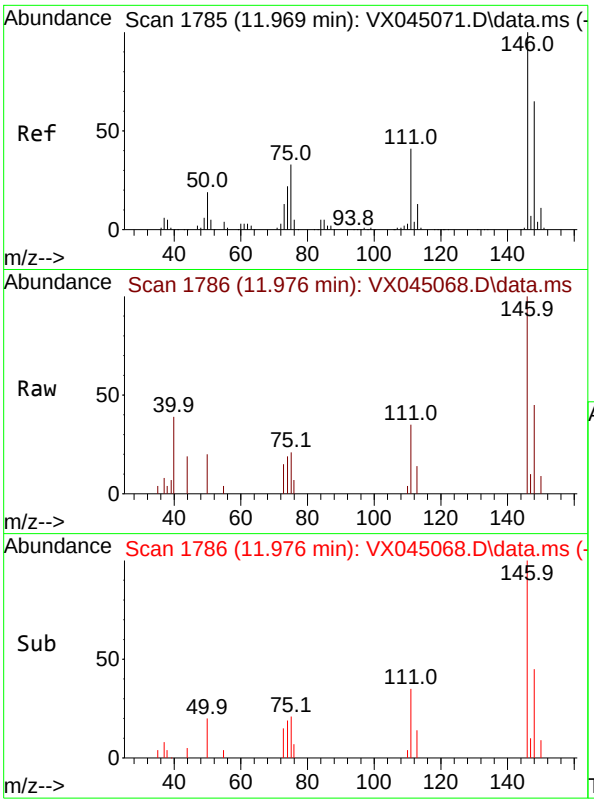


#86
p-Isopropyltoluene
Concen: 0.797 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion:119 Resp: 3257

Ion	Ratio	Lower	Upper
119	100		
134	25.6	12.9	38.6
91	30.9	12.7	38.0

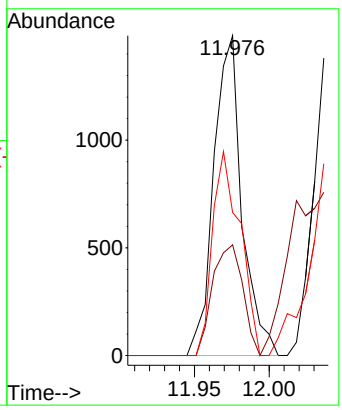




#87
1,3-Dichlorobenzene
Concen: 0.913 ug/l
RT: 11.976 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion:146 Resp: 194

Ion	Ratio	Lower	Upper
146	100		
111	37.1	21.1	63.4
148	62.4	31.9	95.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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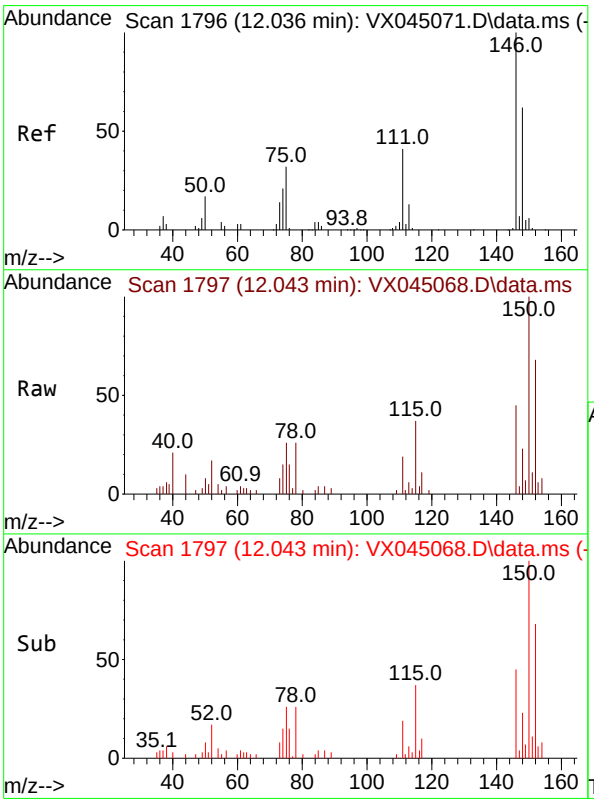
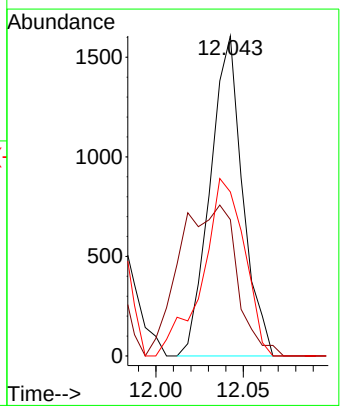
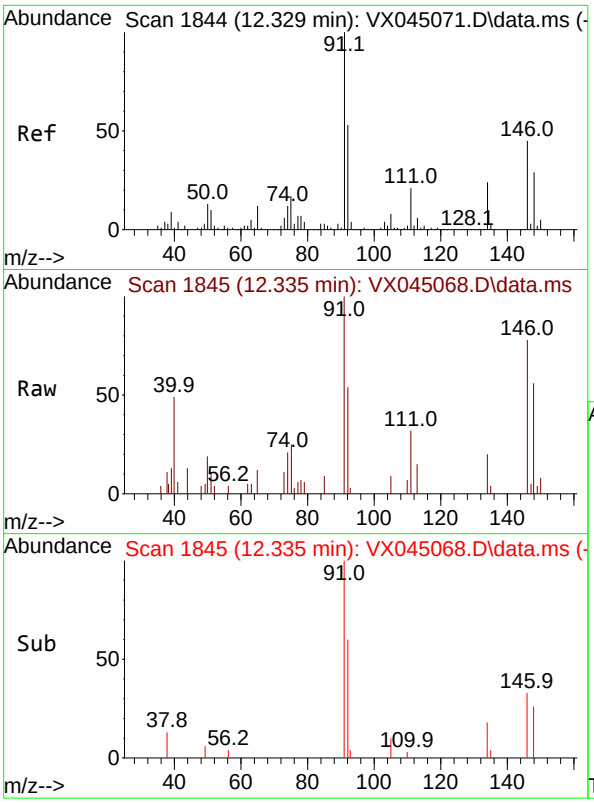


#88
1,4-Dichlorobenzene
Concen: 0.962 ug/l m
RT: 12.043 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion:146 Resp: 2082

Ion	Ratio	Lower	Upper
146	100		
111	34.7	20.2	60.5
148	58.4	31.9	95.9

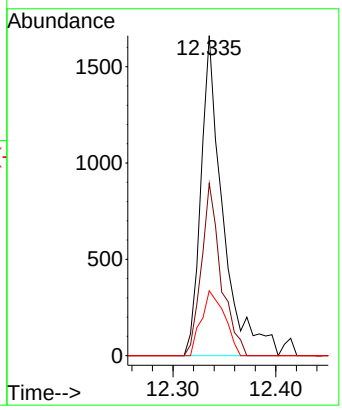




#89
n-Butylbenzene
Concen: 0.691 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 91 Resp: 247

Ion	Ratio	Lower	Upper
91	100		
92	48.0	26.7	80.0
134	21.4	12.2	36.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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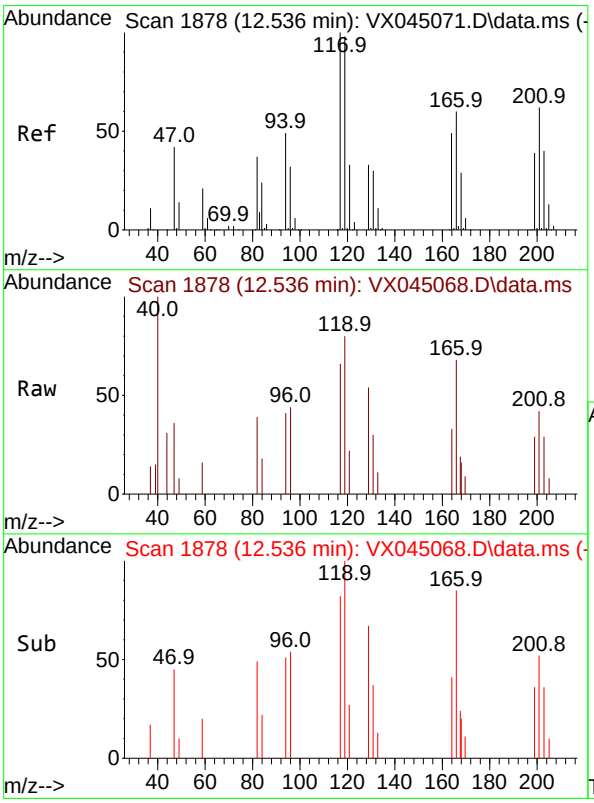
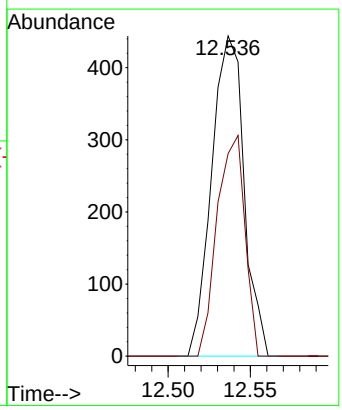
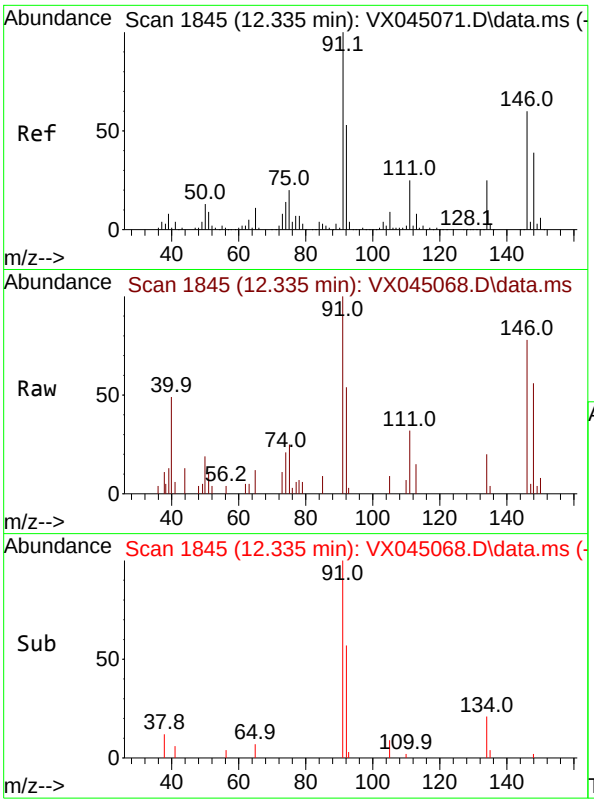


#90
Hexachloroethane
Concen: 0.805 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion:117 Resp: 609

Ion	Ratio	Lower	Upper
117	100		
201	58.9	31.9	95.9

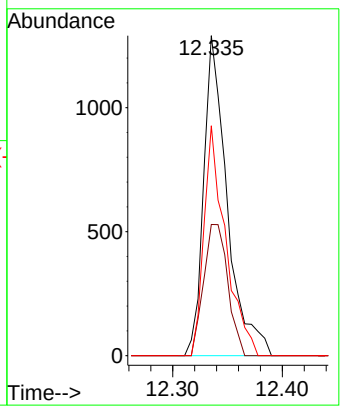




#91
1,2-Dichlorobenzene
Concen: 0.890 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion:146 Resp: 191

Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.6	65.0
148	66.1	31.9	95.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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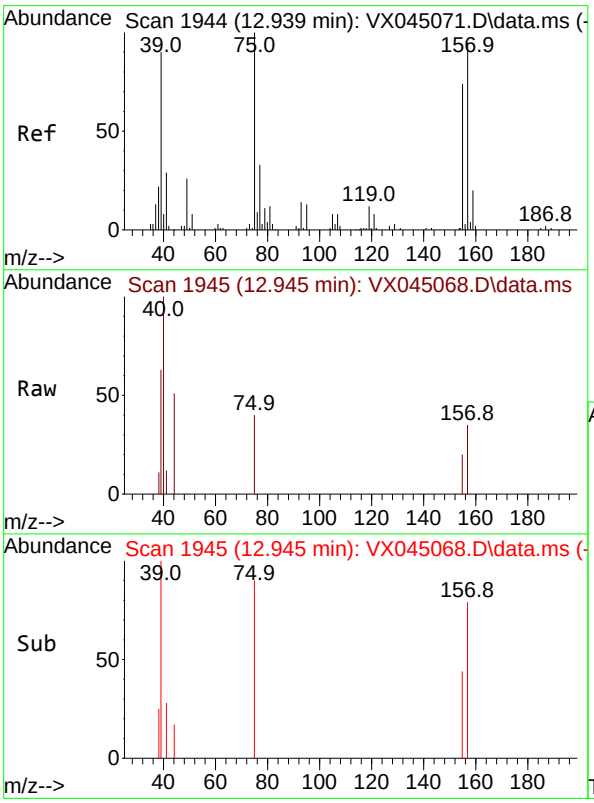
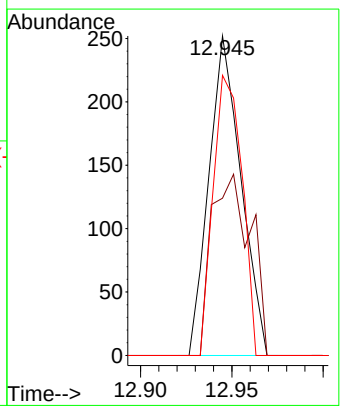
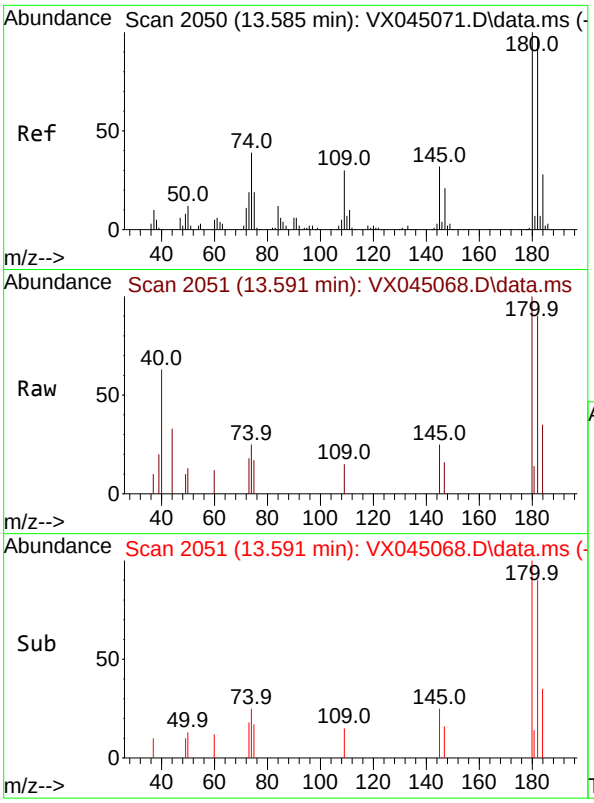


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.859 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 75 Resp: 308

Ion	Ratio	Lower	Upper
75	100		
155	69.2	39.6	118.7
157	78.6	51.1	153.4

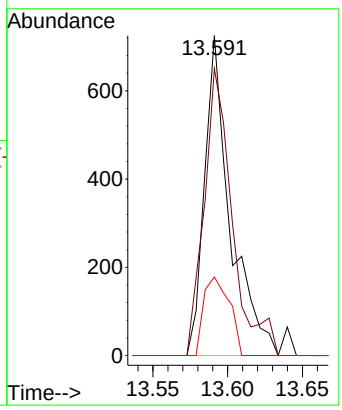




#93
1,2,4-Trichlorobenzene
Concen: 0.706 ug/l
RT: 13.591 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion:180 Resp: 86

Ion	Ratio	Lower	Upper
180	100		
182	98.7	47.3	141.9
145	24.5	16.3	48.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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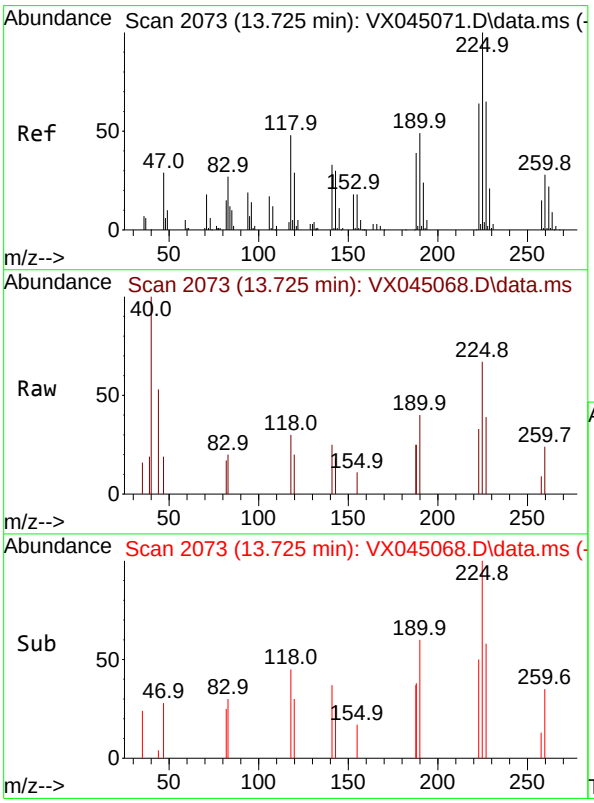
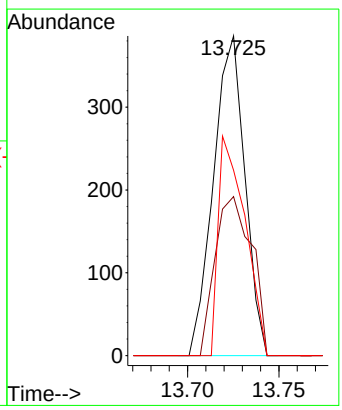
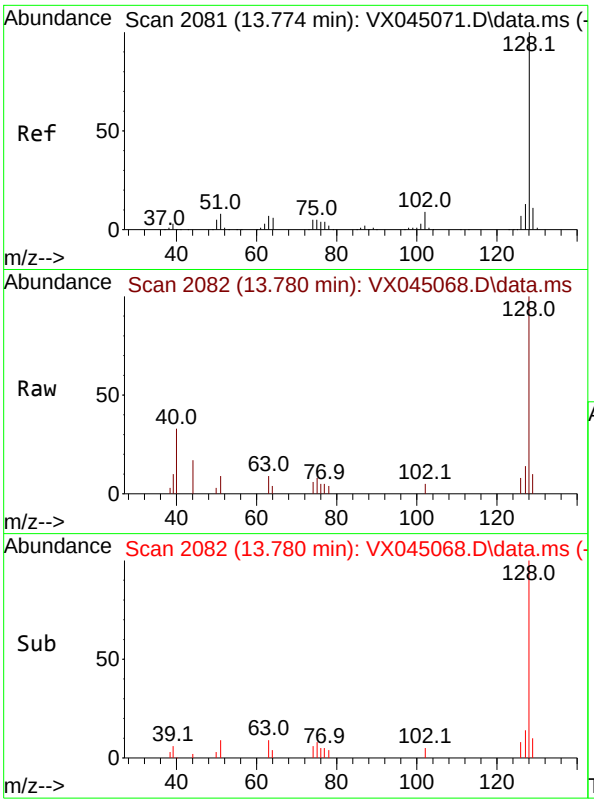


#94
Hexachlorobutadiene
Concen: 0.917 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion:225 Resp: 462

Ion	Ratio	Lower	Upper
225	100		
223	57.8	31.9	95.7
227	58.7	31.4	94.0

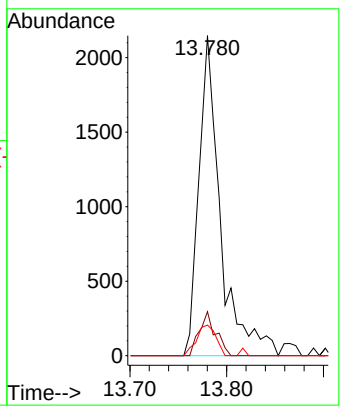




#95
Naphthalene
Concen: 0.707 ug/l
RT: 13.780 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion:128 Resp: 333

Ion	Ratio	Lower	Upper
128	100		
127	10.5	10.3	15.5
129	8.6	8.7	13.1#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

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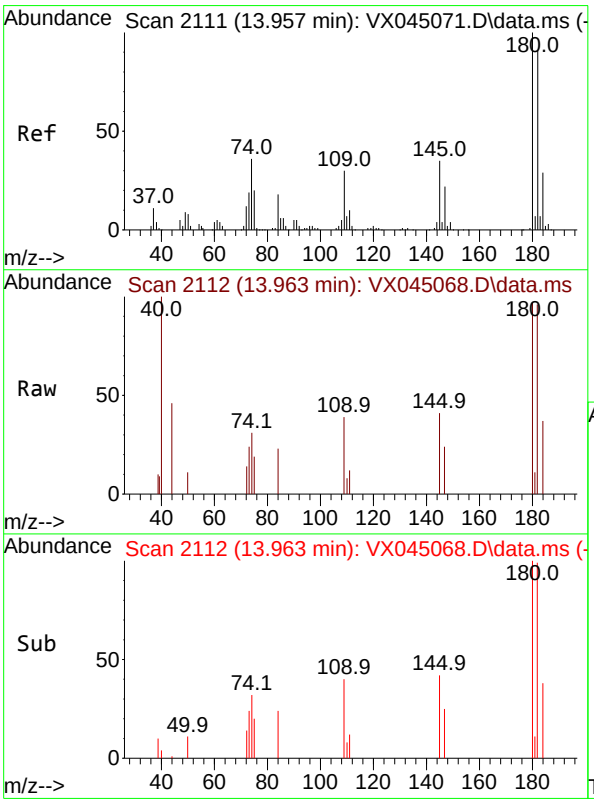
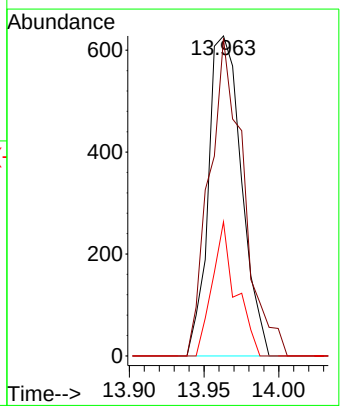


#96
1,2,3-Trichlorobenzene
Concen: 0.759 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion:180 Resp: 969

Ion	Ratio	Lower	Upper
180	100		
182	102.3	47.5	142.6
145	29.8	17.0	50.9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045069.D
Acq On : 28 Feb 2025 02:13
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

Quant Time: Feb 28 05:32:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	107391	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	194243	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	172367	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	73591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	8978	5.659	ug/l	0.01
Spiked Amount 50.000	Range 74 - 125		Recovery =	11.320%#		
35) Dibromofluoromethane	5.391	113	6398	5.039	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.080%#		
50) Toluene-d8	8.647	98	24037	5.057	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	10.120%#		
62) 4-Bromofluorobenzene	11.079	95	7436	4.685	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	9.360%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	6941	4.689	ug/l	96
3) Chloromethane	1.307	50	8819	4.896	ug/l	99
4) Vinyl Chloride	1.374	62	8106	4.608	ug/l	94
5) Bromomethane	1.593	94	3620	6.582	ug/l	96
6) Chloroethane	1.660	64	4517	6.746	ug/l	91
7) Trichlorofluoromethane	1.867	101	11392	5.056	ug/l	95
8) Diethyl Ether	2.136	74	4314	5.268	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	6586	4.894	ug/l	98
10) Methyl Iodide	2.441	142	6520	3.780	ug/l	95
11) Tert butyl alcohol	2.983	59	10164m	34.976	ug/l	
12) 1,1-Dichloroethene	2.313	96	6658	4.819	ug/l	94
13) Acrolein	2.233	56	8725	27.725	ug/l	97
14) Allyl chloride	2.654	41	11244	4.527	ug/l	96
15) Acrylonitrile	3.068	53	21381	27.072	ug/l	99
16) Acetone	2.386	43	19512	29.891	ug/l	97
17) Carbon Disulfide	2.502	76	16984	4.518	ug/l	99
18) Methyl Acetate	2.703	43	8964	4.559	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	20546	4.651	ug/l	95
20) Methylene Chloride	2.782	84	7835	5.068	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	6651	4.895	ug/l	94
22) Diisopropyl ether	3.763	45	23151	4.875	ug/l #	82
23) Vinyl Acetate	3.721	43	88852	22.788	ug/l	98
24) 1,1-Dichloroethane	3.605	63	13132	4.949	ug/l	99
25) 2-Butanone	4.574	43	29277	27.819	ug/l	99
26) 2,2-Dichloropropane	4.471	77	6034	3.059	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	8012	4.892	ug/l	97
28) Bromochloromethane	4.904	49	6797	5.311	ug/l #	96
29) Tetrahydrofuran	5.013	42	20186	28.950	ug/l	99
30) Chloroform	5.093	83	13390	5.159	ug/l	96
31) Cyclohexane	5.464	56	10968	4.504	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	10654	4.876	ug/l	100
36) 1,1-Dichloropropene	5.690	75	8977	4.917	ug/l #	83
37) Ethyl Acetate	4.727	43	10459	5.035	ug/l	98
38) Carbon Tetrachloride	5.666	117	8997	5.013	ug/l	95
39) Methylcyclohexane	7.379	83	10291	4.414	ug/l	97
40) Benzene	6.037	78	28339	4.966	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045069.D
Acq On : 28 Feb 2025 02:13
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 28 05:32:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	5700	5.136	ug/l		95
42) 1,2-Dichloroethane	6.092	62	10189	5.510	ug/l		98
43) Isopropyl Acetate	6.348	43	15543	4.700	ug/l		99
44) Trichloroethene	7.129	130	6827	5.234	ug/l		99
45) 1,2-Dichloropropane	7.427	63	7342	5.177	ug/l		95
46) Dibromomethane	7.586	93	5146	5.195	ug/l		97
47) Bromodichloromethane	7.824	83	9773	5.100	ug/l		99
48) Methyl methacrylate	7.696	41	8201	5.224	ug/l		95
49) 1,4-Dioxane	7.665	88	3531	105.826	ug/l		95
51) 4-Methyl-2-Pentanone	8.574	43	55320	27.303	ug/l		99
52) Toluene	8.720	92	16933	4.997	ug/l		99
53) t-1,3-Dichloropropene	8.982	75	7548	3.985	ug/l		94
54) cis-1,3-Dichloropropene	8.366	75	8988	4.244	ug/l		92
55) 1,1,2-Trichloroethane	9.153	97	6759	5.151	ug/l		97
56) Ethyl methacrylate	9.116	69	9712	4.628	ug/l		98
57) 1,3-Dichloropropane	9.305	76	12106	5.289	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	23212	22.527	ug/l		99
59) 2-Hexanone	9.433	43	39994	27.363	ug/l		99
60) Dibromochloromethane	9.519	129	6785	4.846	ug/l		98
61) 1,2-Dibromoethane	9.610	107	6832	5.161	ug/l		95
64) Tetrachloroethene	9.269	164	5615	5.128	ug/l		93
65) Chlorobenzene	10.079	112	18161	4.908	ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.159	131	5702	4.781	ug/l		96
67) Ethyl Benzene	10.195	91	30918	4.725	ug/l		98
68) m/p-Xylenes	10.299	106	23152	9.608	ug/l		97
69) o-Xylene	10.640	106	11881	4.914	ug/l		95
70) Styrene	10.659	104	18278	4.704	ug/l		99
71) Bromoform	10.799	173	4027	4.541	ug/l	#	98
73) Isopropylbenzene	10.963	105	29685	4.991	ug/l		98
74) N-amyl acetate	10.848	43	11609	4.300	ug/l		97
75) 1,1,2,2-Tetrachloroethane	11.213	83	10881	5.310	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	8839m	5.384	ug/l		
77) Bromobenzene	11.195	156	6970	5.163	ug/l		96
78) n-propylbenzene	11.305	91	32196	4.694	ug/l		99
79) 2-Chlorotoluene	11.366	91	21253	5.048	ug/l		98
80) 1,3,5-Trimethylbenzene	11.451	105	23627	4.897	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	1971	3.256	ug/l	#	83
82) 4-Chlorotoluene	11.457	91	22190	4.761	ug/l		98
83) tert-Butylbenzene	11.713	119	23960	4.910	ug/l		97
84) 1,2,4-Trimethylbenzene	11.750	105	23561	4.960	ug/l		99
85) sec-Butylbenzene	11.890	105	28314	4.687	ug/l		99
86) p-Isopropyltoluene	12.006	119	21977	4.532	ug/l		97
87) 1,3-Dichlorobenzene	11.969	146	12157	4.926	ug/l		98
88) 1,4-Dichlorobenzene	12.042	146	12526	5.014	ug/l		96
89) n-Butylbenzene	12.335	91	17358	4.072	ug/l		99
90) Hexachloroethane	12.536	117	3665	4.052	ug/l		96
91) 1,2-Dichlorobenzene	12.335	146	12477	5.138	ug/l		95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1787	4.712	ug/l		90
93) 1,2,4-Trichlorobenzene	13.591	180	6040	4.114	ug/l		97
94) Hexachlorobutadiene	13.725	225	2716	4.640	ug/l		97
95) Naphthalene	13.780	128	22927	4.287	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	6600	4.437	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045069.D
Acq On : 28 Feb 2025 02:13
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

Quant Time: Feb 28 05:32:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration

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

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

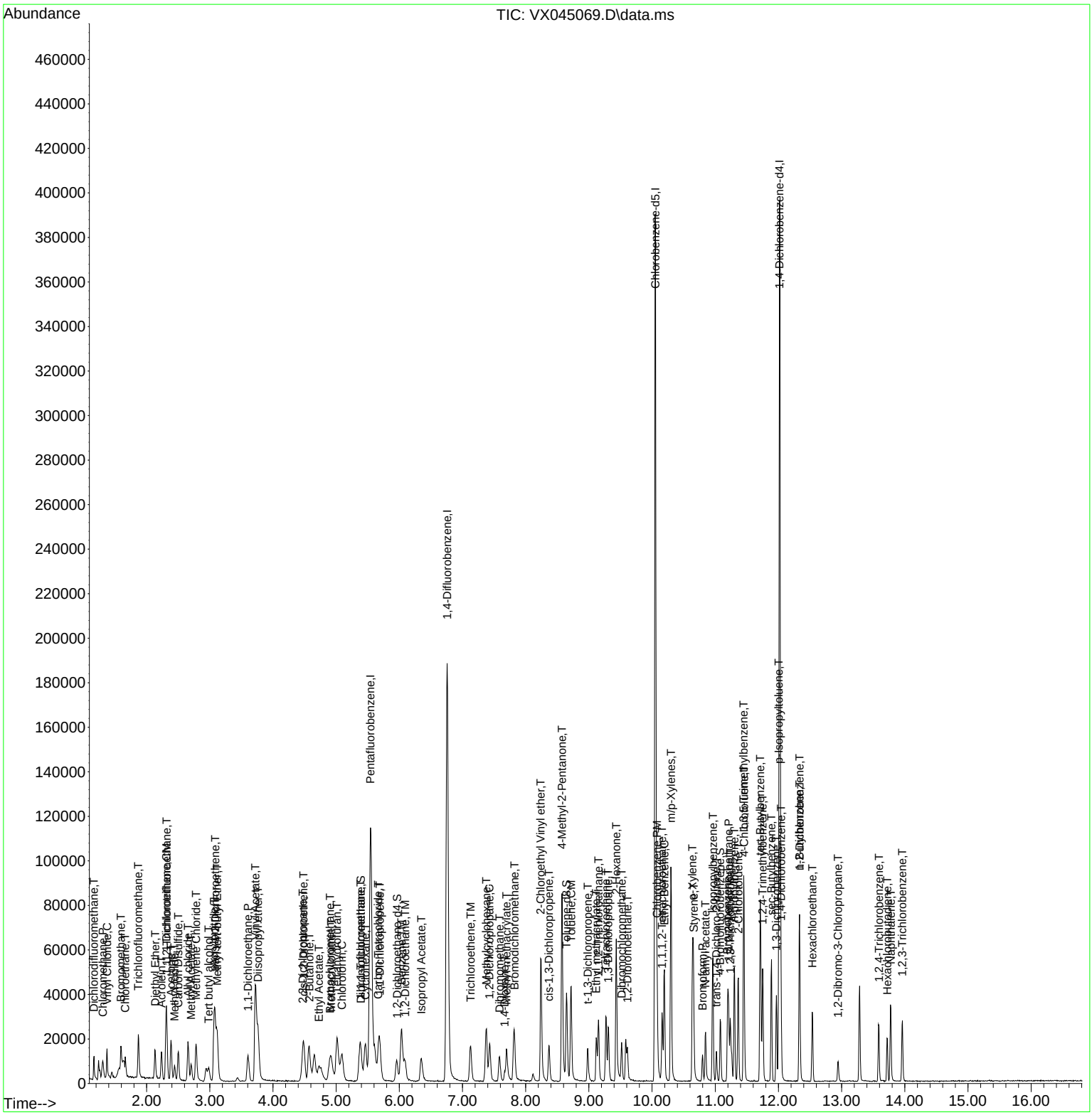
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045069.D
Acq On : 28 Feb 2025 02:13
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

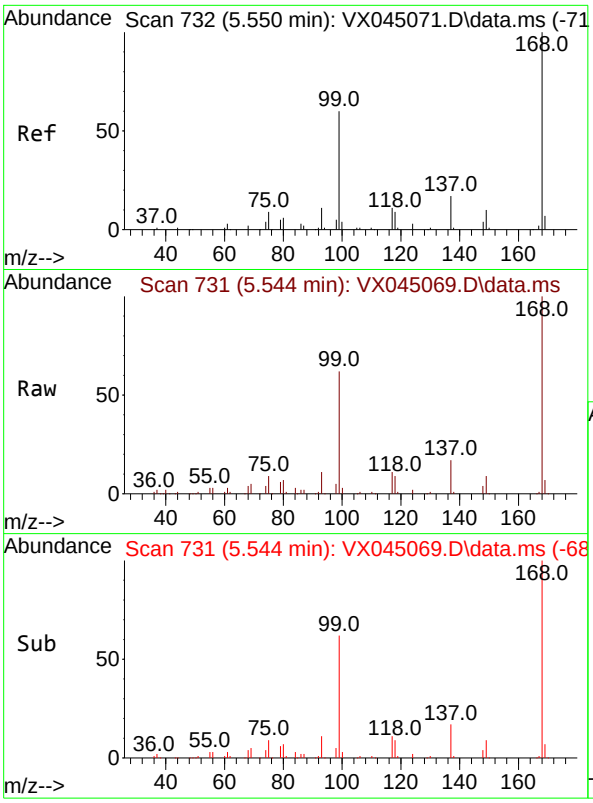
Quant Time: Feb 28 05:32:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

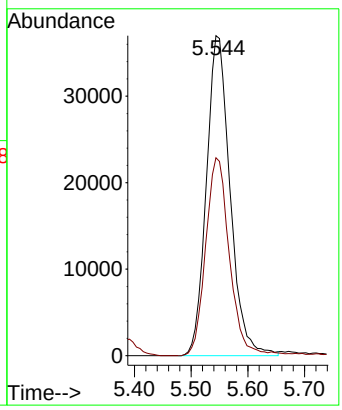




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion:168 Resp: 10739

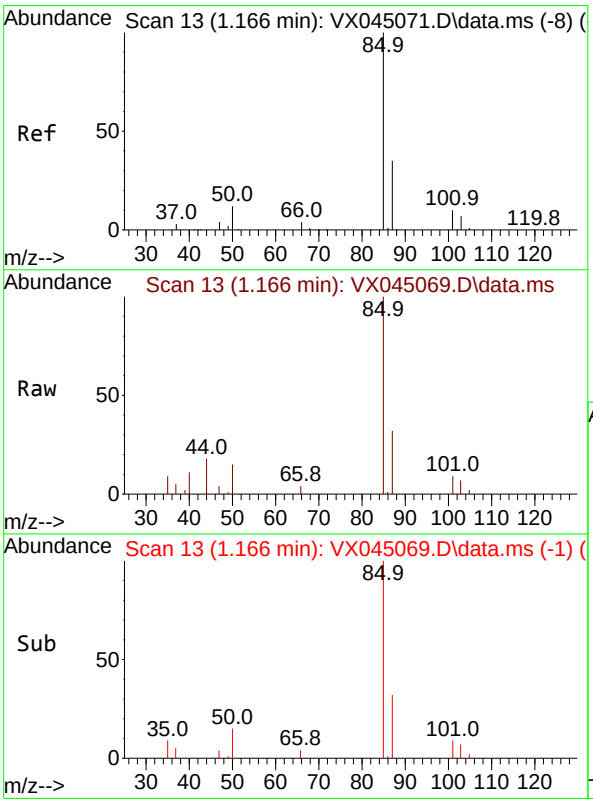
Ion	Ratio	Lower	Upper
168	100		
99	61.8	48.2	72.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

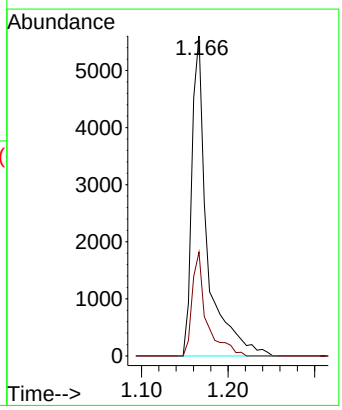
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

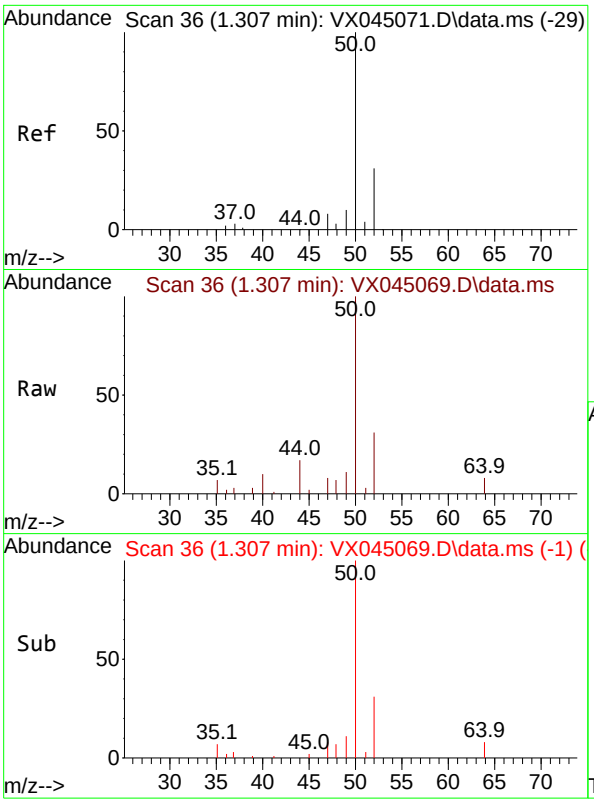


#2
Dichlorodifluoromethane
Concen: 4.689 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 85 Resp: 6941

Ion	Ratio	Lower	Upper
85	100		
87	32.4	17.4	52.3

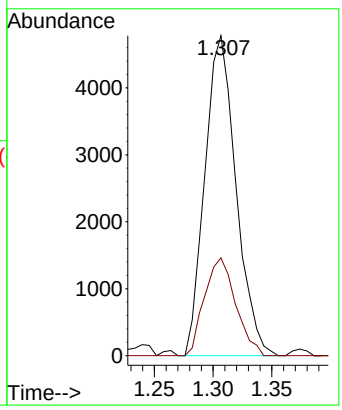




#3
Chloromethane
Concen: 4.896 ug/l
RT: 1.307 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 50 Resp: 881

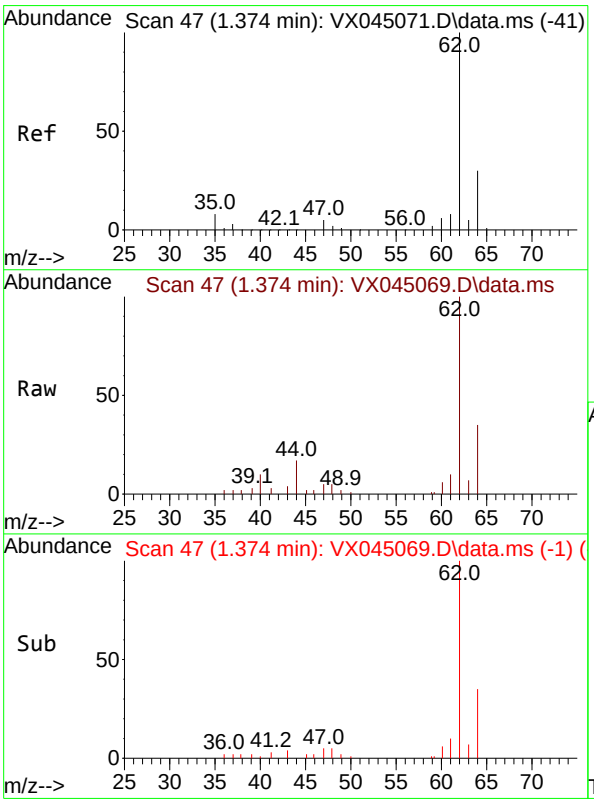
Ion	Ratio	Lower	Upper
50	100		
52	30.6	25.0	37.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

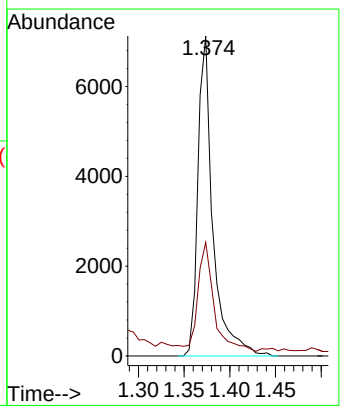
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

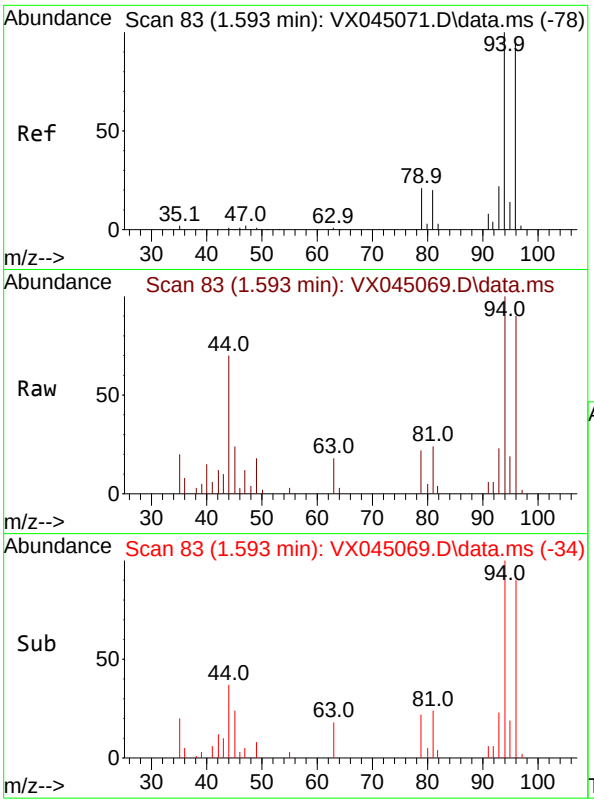


#4
Vinyl Chloride
Concen: 4.608 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 62 Resp: 8106

Ion	Ratio	Lower	Upper
62	100		
64	33.9	24.3	36.5





#5
Bromomethane
Concen: 6.582 ug/l
RT: 1.593 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

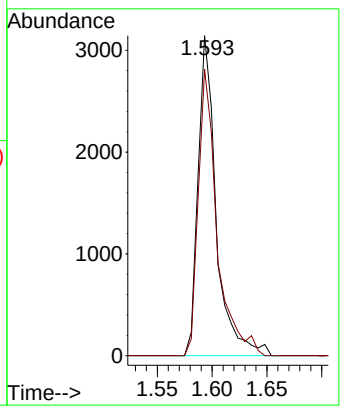
Tgt Ion: 94 Resp: 362

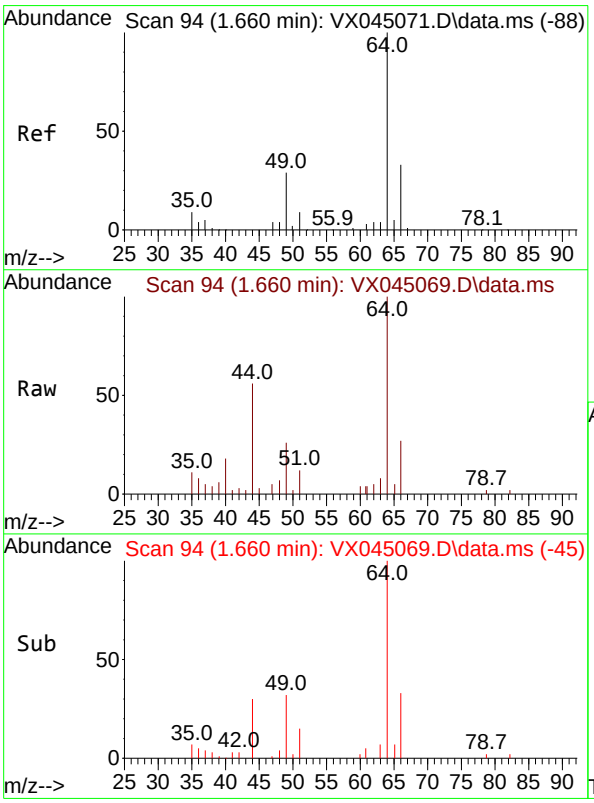
Ion	Ratio	Lower	Upper
94	100		
96	89.5	75.0	112.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

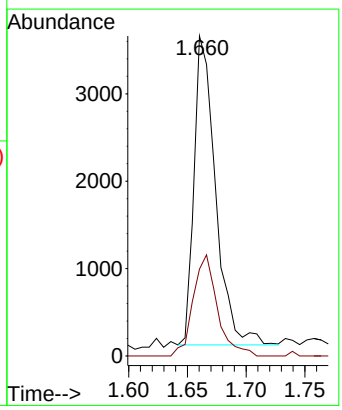


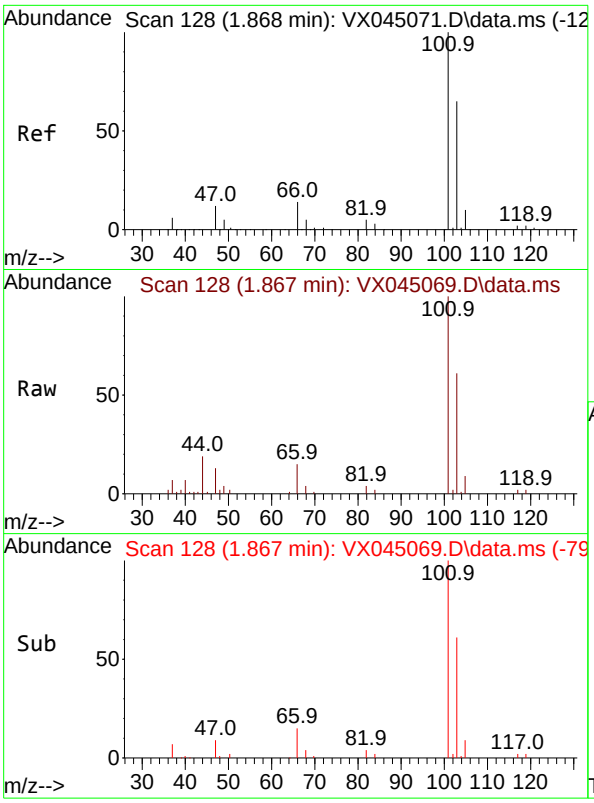


#6
Chloroethane
Concen: 6.746 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 64 Resp: 4517

Ion	Ratio	Lower	Upper
64	100		
66	28.1	26.7	40.1

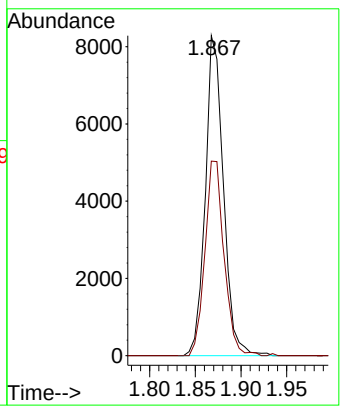




#7
Trichlorofluoromethane
Concen: 5.056 ug/l
RT: 1.867 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion:101 Resp: 1139

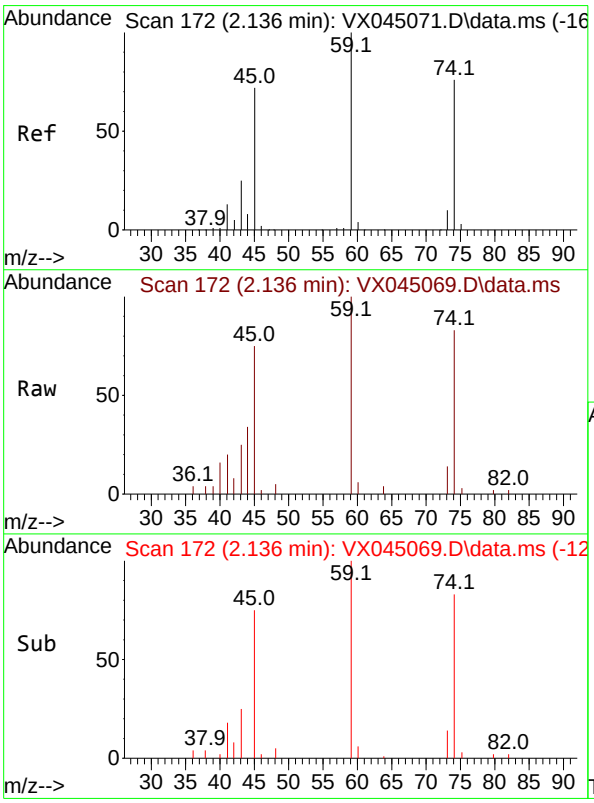
Ion	Ratio	Lower	Upper
101	100		
103	60.8	52.1	78.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

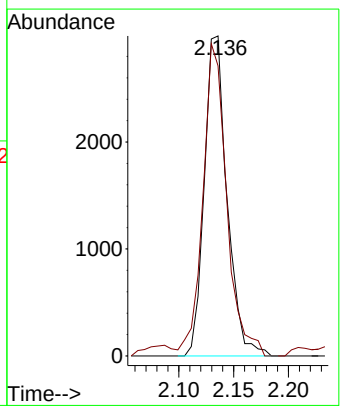
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

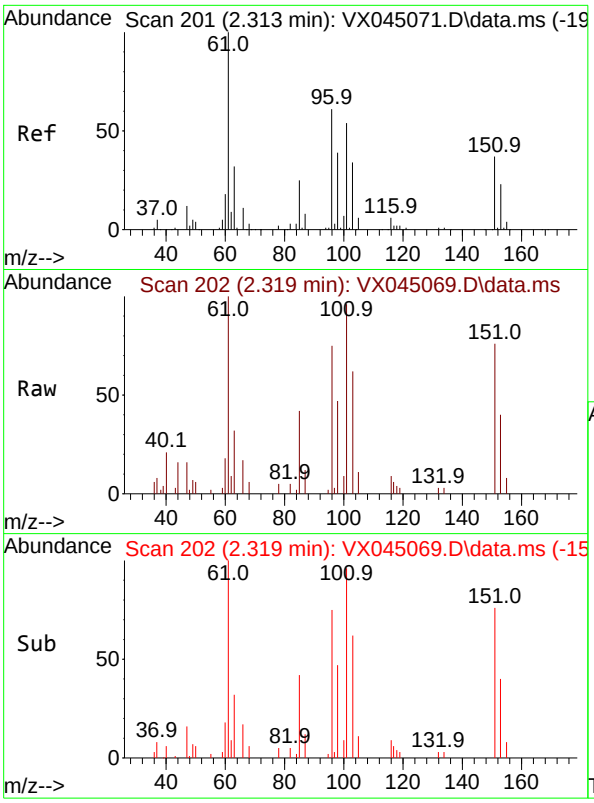


#8
Diethyl Ether
Concen: 5.268 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 74 Resp: 4314

Ion	Ratio	Lower	Upper
74	100		
45	101.9	51.5	154.5

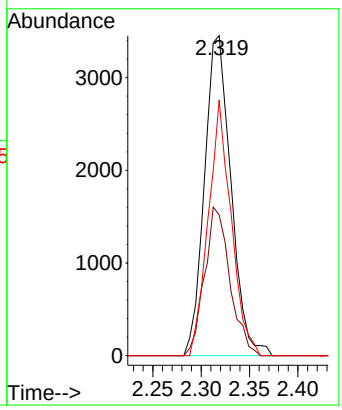




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.894 ug/l
RT: 2.319 min Scan# 2(
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion:101 Resp: 658(

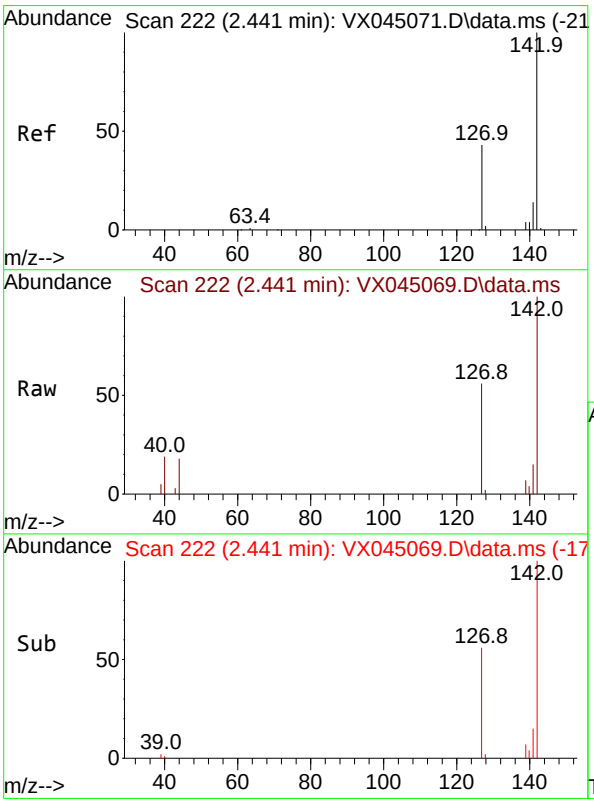
Ion	Ratio	Lower	Upper
101	100		
85	44.4	36.2	54.4
151	69.0	56.4	84.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

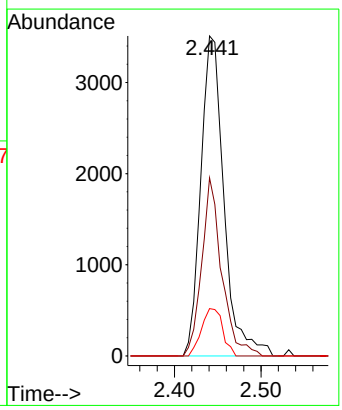
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

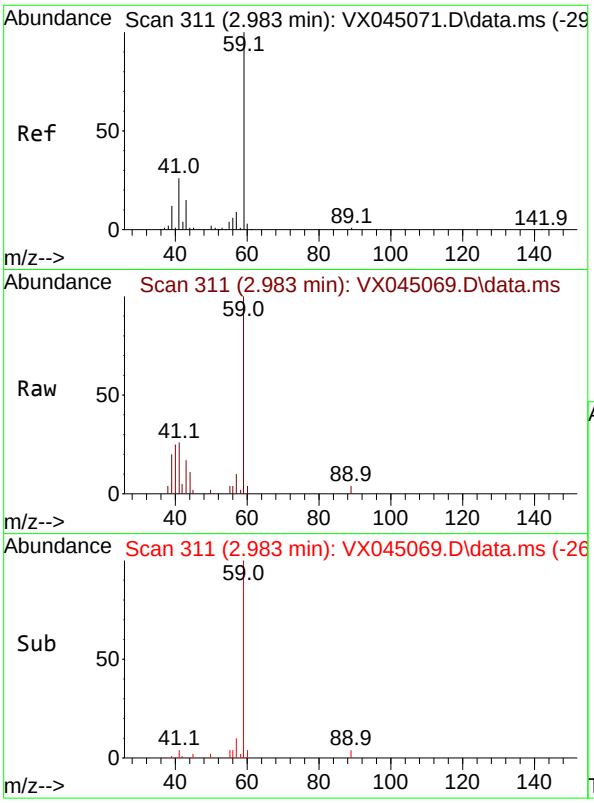


#10
Methyl Iodide
Concen: 3.780 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion:142 Resp: 6520

Ion	Ratio	Lower	Upper
142	100		
127	48.1	35.4	53.2
141	13.5	11.6	17.4

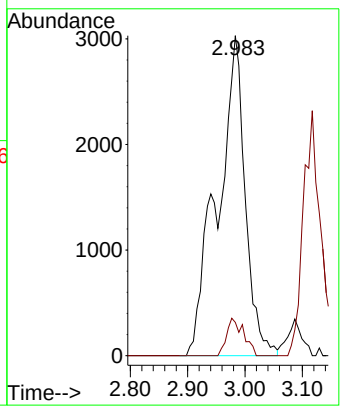




#11
Tert butyl alcohol
Concen: 34.976 ug/l m
RT: 2.983 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 59 Resp: 1016

Ion	Ratio	Lower	Upper
59	100		
57	7.2	7.8	11.8#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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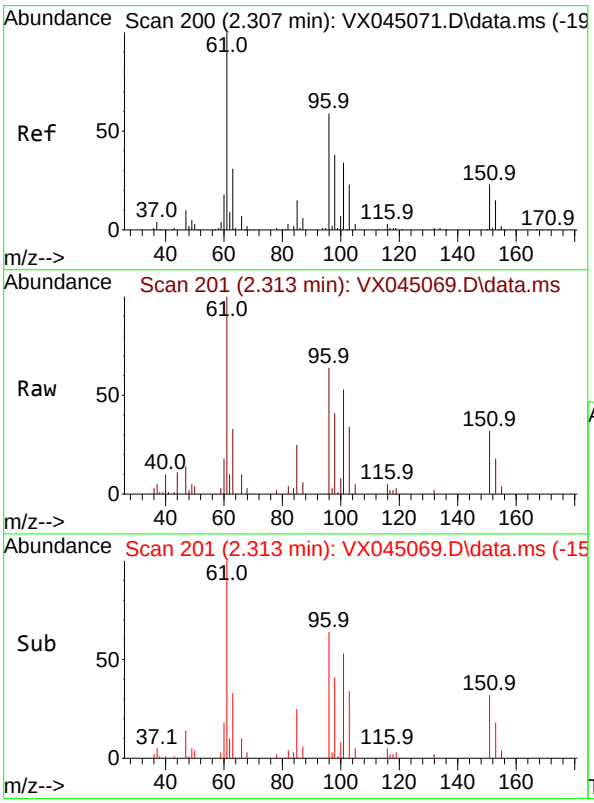
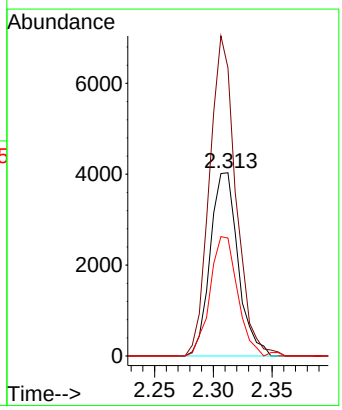
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

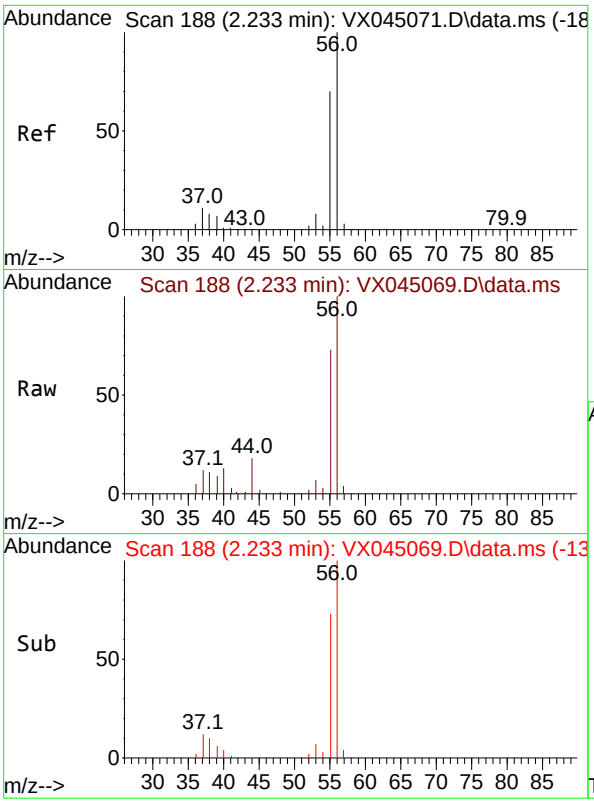


#12
1,1-Dichloroethene
Concen: 4.819 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 96 Resp: 6658

Ion	Ratio	Lower	Upper
96	100		
61	157.3	134.6	202.0
98	64.3	51.0	76.6

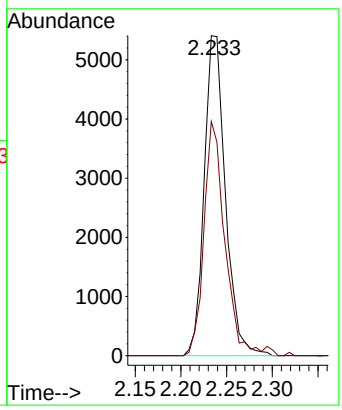




#13
Acrolein
Concen: 27.725 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 56 Resp: 872

Ion	Ratio	Lower	Upper
56	100		
55	72.4	56.2	84.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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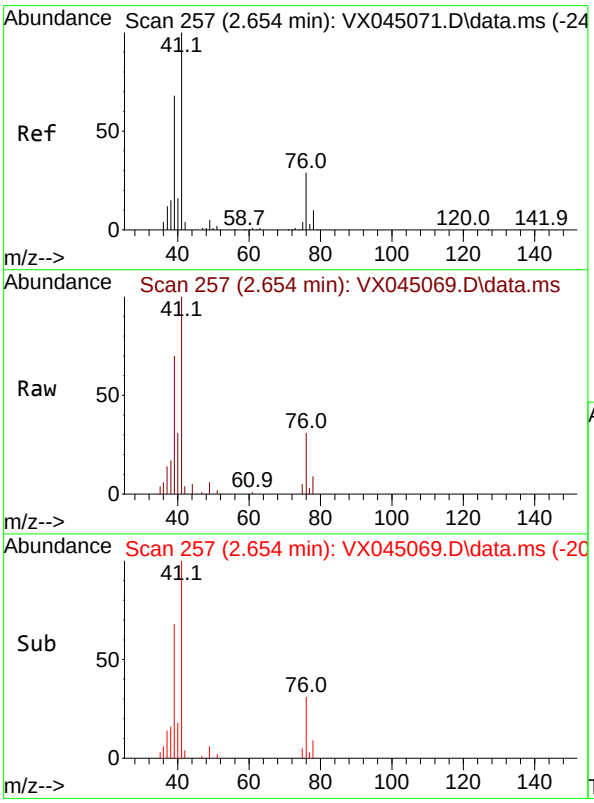
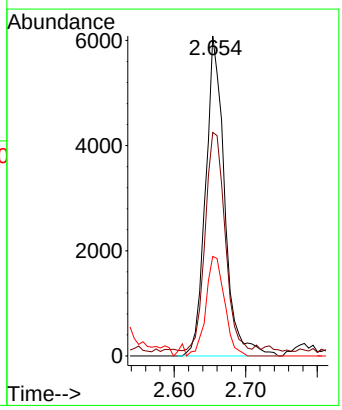
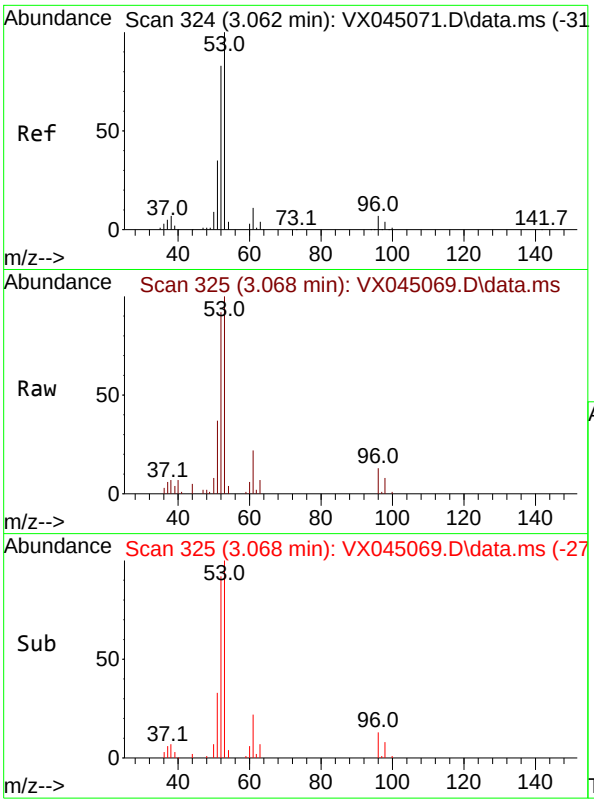


#14
Allyl chloride
Concen: 4.527 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 41 Resp: 11244

Ion	Ratio	Lower	Upper
41	100		
39	70.8	53.8	80.8
76	30.4	25.2	37.8

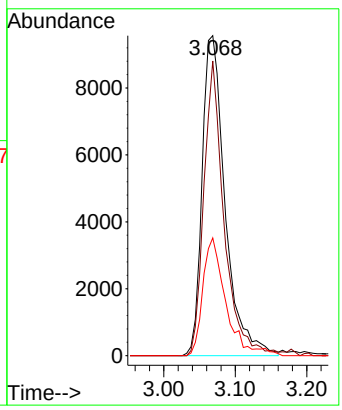




#15
Acrylonitrile
Concen: 27.072 ug/l
RT: 3.068 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 53 Resp: 2138

Ion	Ratio	Lower	Upper
53	100		
52	81.1	66.2	99.2
51	36.7	29.0	43.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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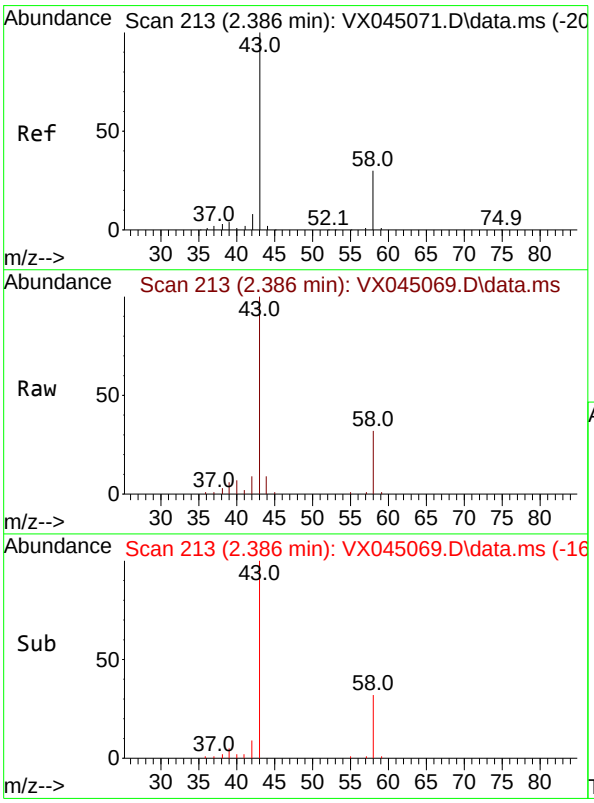
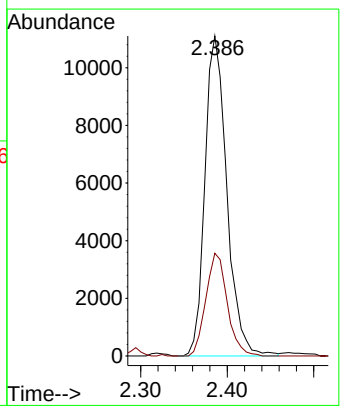
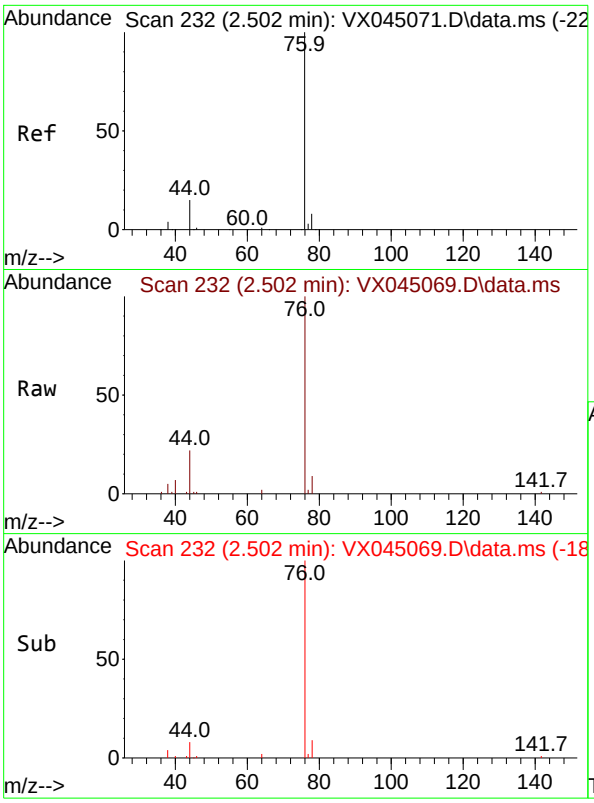


#16
Acetone
Concen: 29.891 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 43 Resp: 19512

Ion	Ratio	Lower	Upper
43	100		
58	32.1	24.2	36.4





#17
Carbon Disulfide
Concen: 4.518 ug/l
RT: 2.502 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 76 Resp: 1698

Ion	Ratio	Lower	Upper
76	100		
78	8.5	6.6	9.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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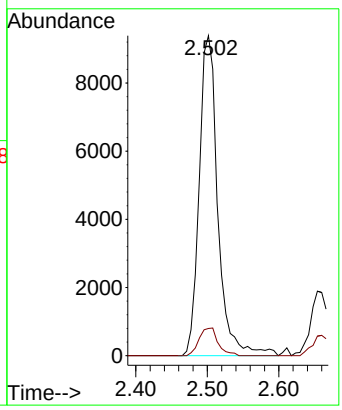
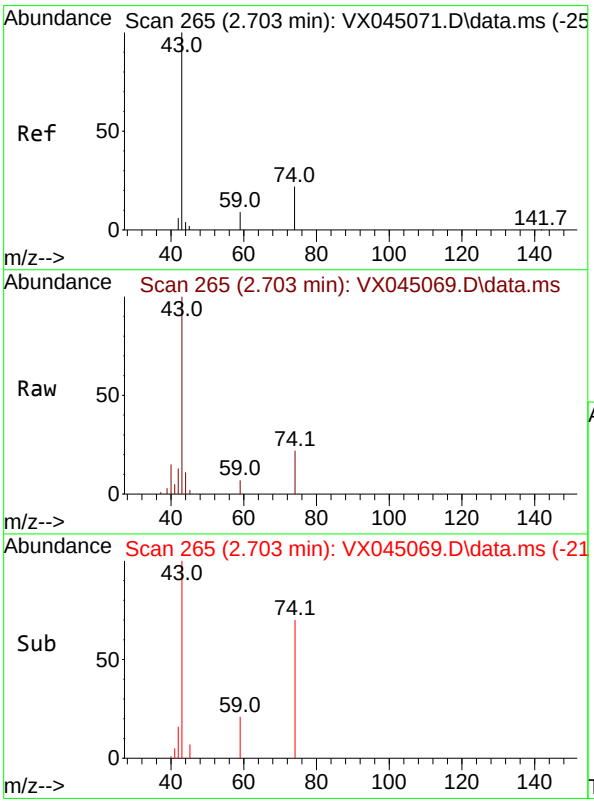
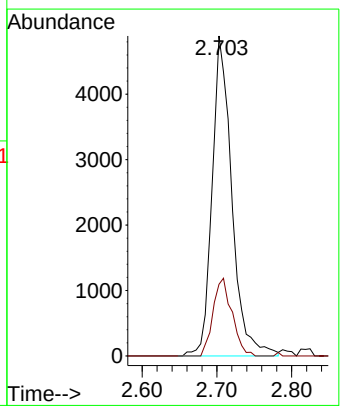


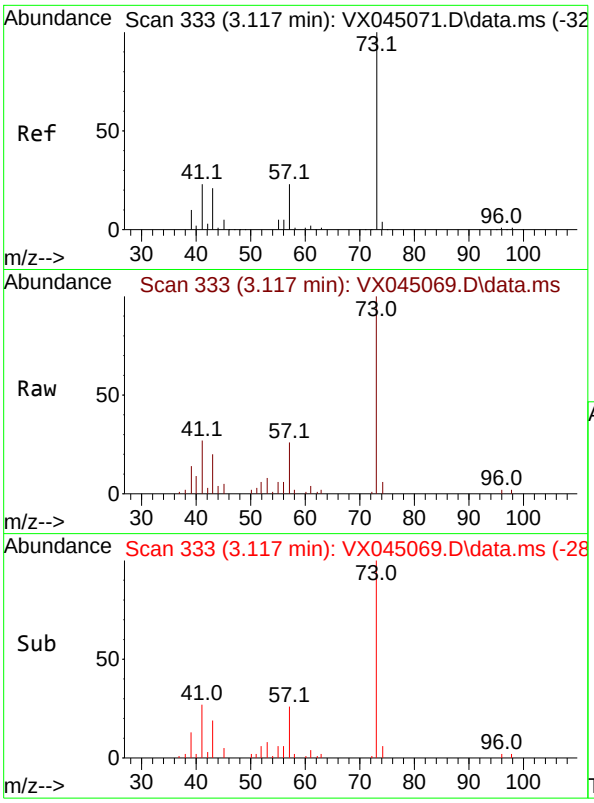


#18
Methyl Acetate
Concen: 4.559 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 43 Resp: 8964

Ion	Ratio	Lower	Upper
43	100		
74	23.3	17.4	26.2





#19
Methyl tert-butyl Ether
Concen: 4.651 ug/l
RT: 3.117 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 73 Resp: 2054

Ion	Ratio	Lower	Upper
73	100		
57	25.6	18.5	27.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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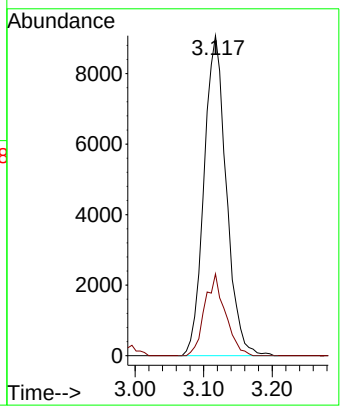
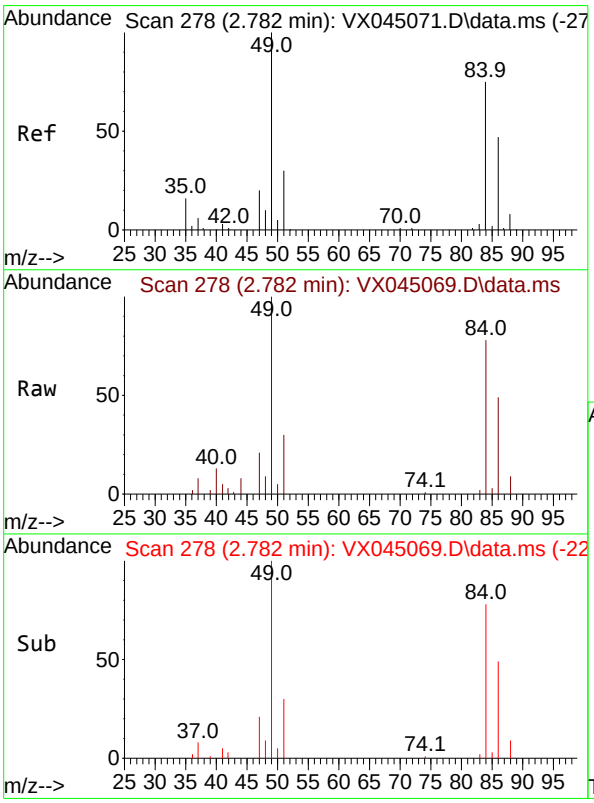
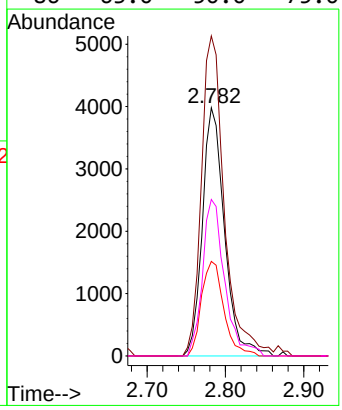


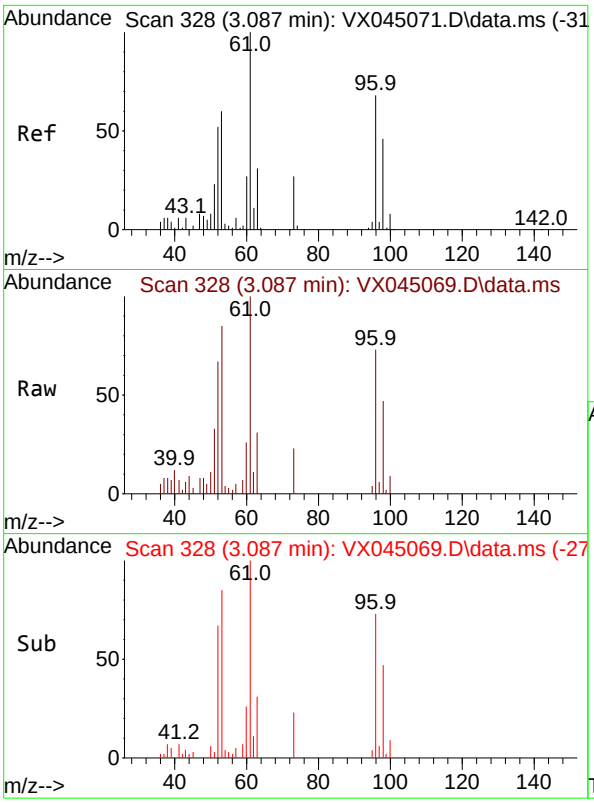


#20
Methylene Chloride
Concen: 5.068 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 84 Resp: 7835

Ion	Ratio	Lower	Upper
84	100		
49	128.9	106.5	159.7
51	38.1	32.1	48.1
86	63.0	50.0	75.0

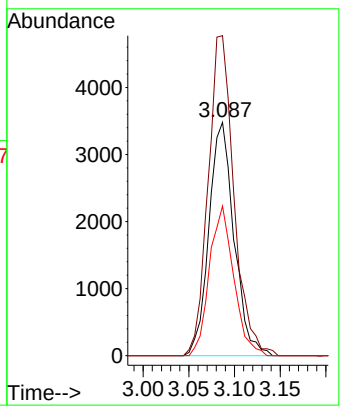




#21
trans-1,2-Dichloroethene
Concen: 4.895 ug/l
RT: 3.087 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 96 Resp: 665

Ion	Ratio	Lower	Upper
96	100		
61	137.2	117.0	175.4
98	64.1	53.4	80.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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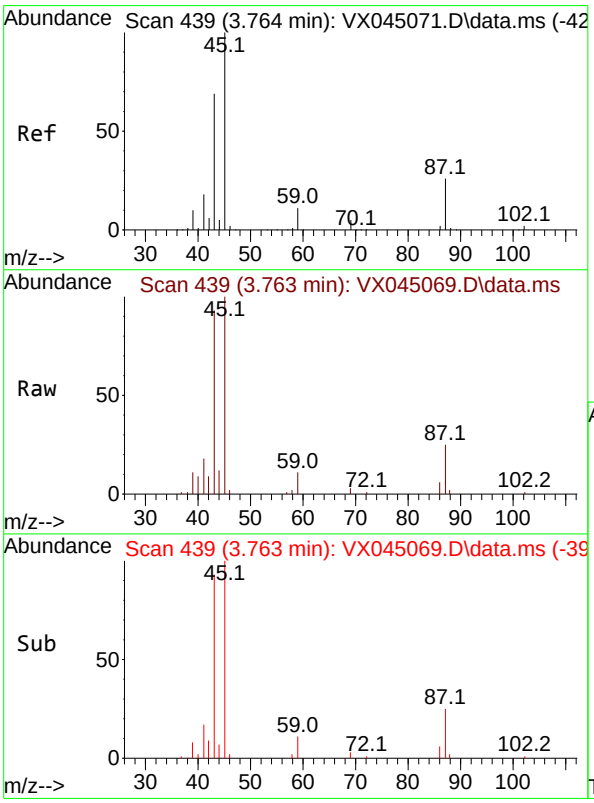
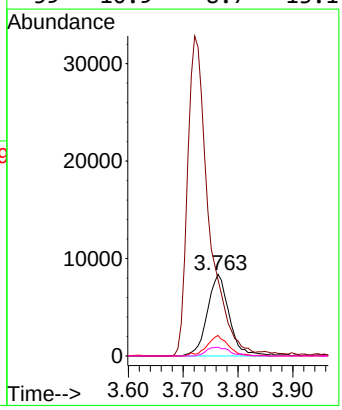
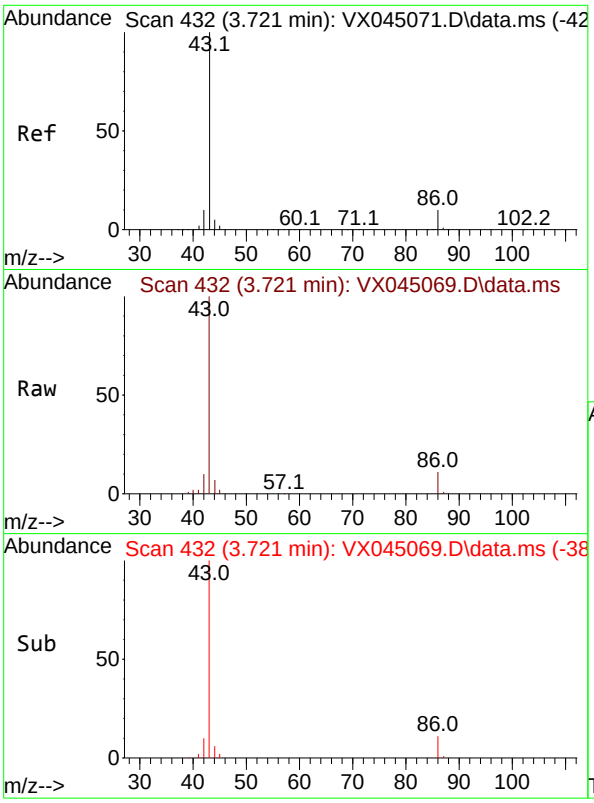


#22
Diisopropyl ether
Concen: 4.875 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 45 Resp: 23151

Ion	Ratio	Lower	Upper
45	100		
43	90.2	54.9	82.3#
87	25.1	21.0	31.4
59	10.9	8.7	13.1





#23
Vinyl Acetate
Concen: 22.788 ug/l
RT: 3.721 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 43 Resp: 8885

Ion	Ratio	Lower	Upper
43	100		
86	10.7	8.1	12.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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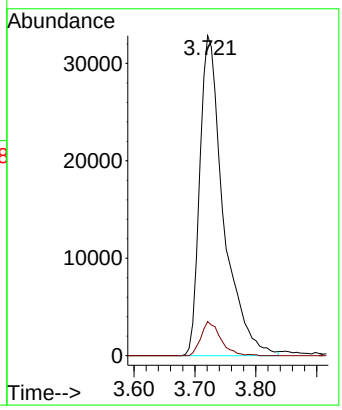
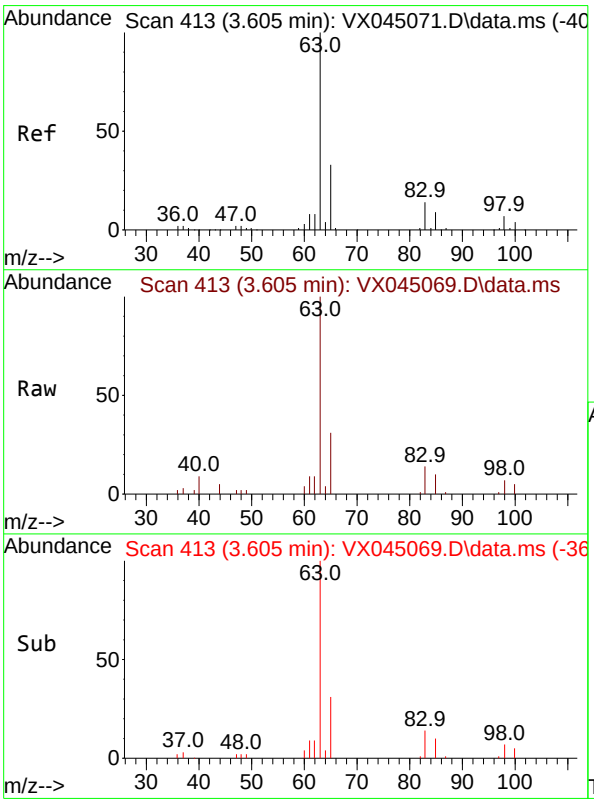
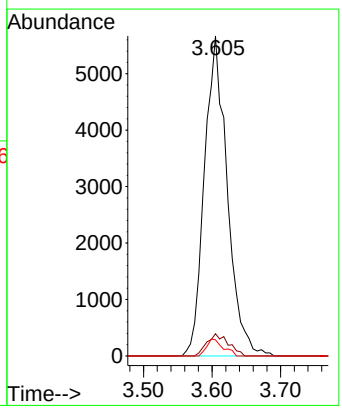


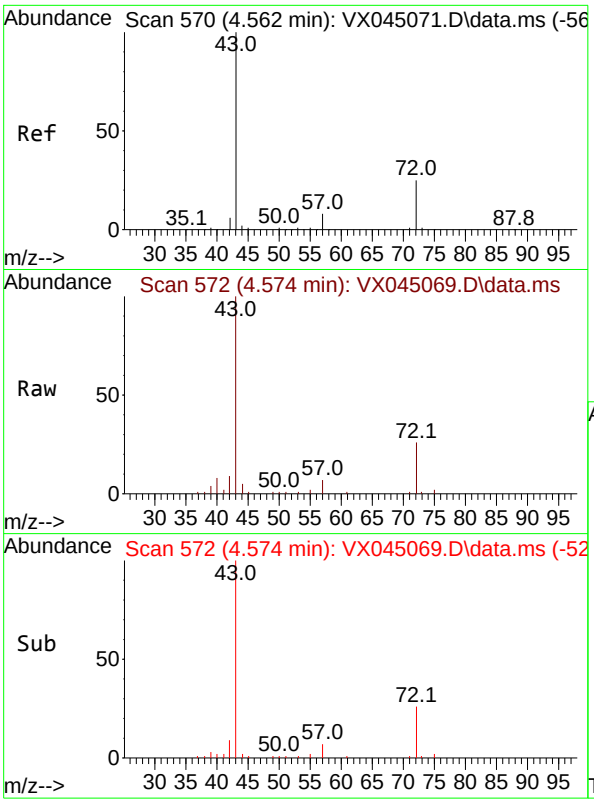


#24
1,1-Dichloroethane
Concen: 4.949 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 63 Resp: 13132

Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.4	10.2
100	5.1	2.1	6.5

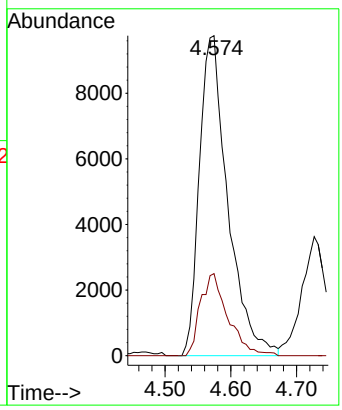




#25
2-Butanone
Concen: 27.819 ug/l
RT: 4.574 min Scan# 5
Delta R.T. 0.012 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 43 Resp: 2927

Ion	Ratio	Lower	Upper
43	100		
72	25.7	20.0	30.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

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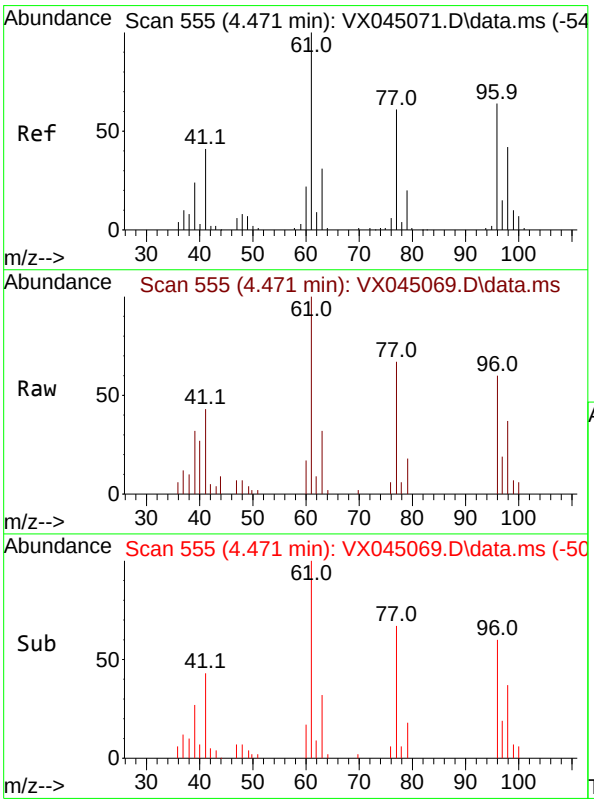
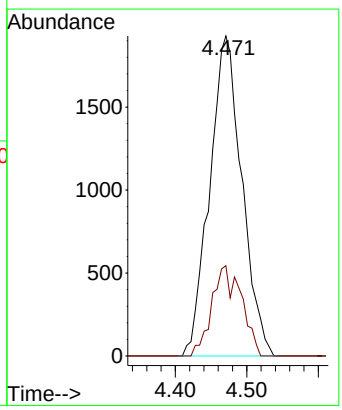
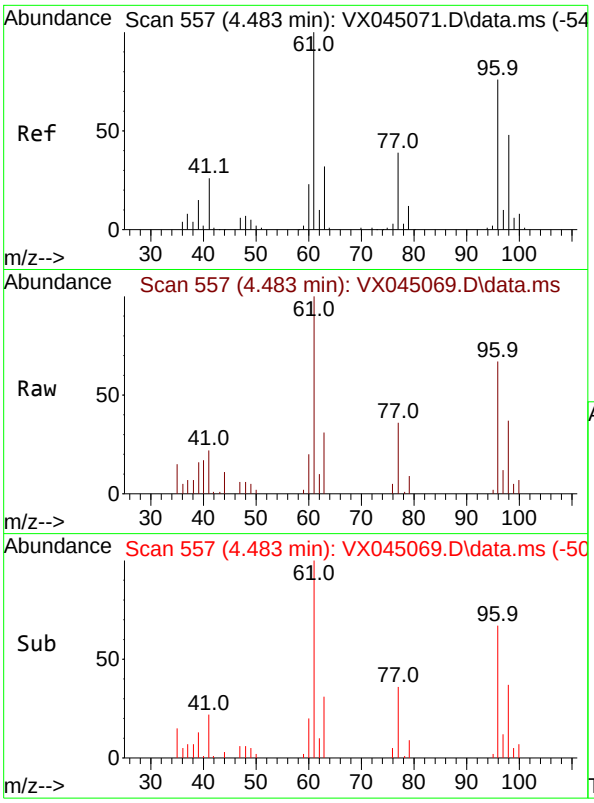


#26
2,2-Dichloropropane
Concen: 3.059 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 77 Resp: 6034

Ion	Ratio	Lower	Upper
77	100		
97	26.0	12.4	37.0

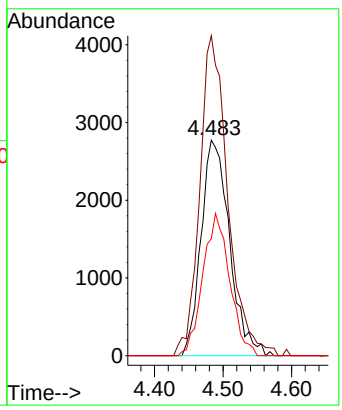




#27
cis-1,2-Dichloroethene
Concen: 4.892 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 96 Resp: 801

Ion	Ratio	Lower	Upper
96	100		
61	146.1	0.0	283.2
98	62.0	0.0	128.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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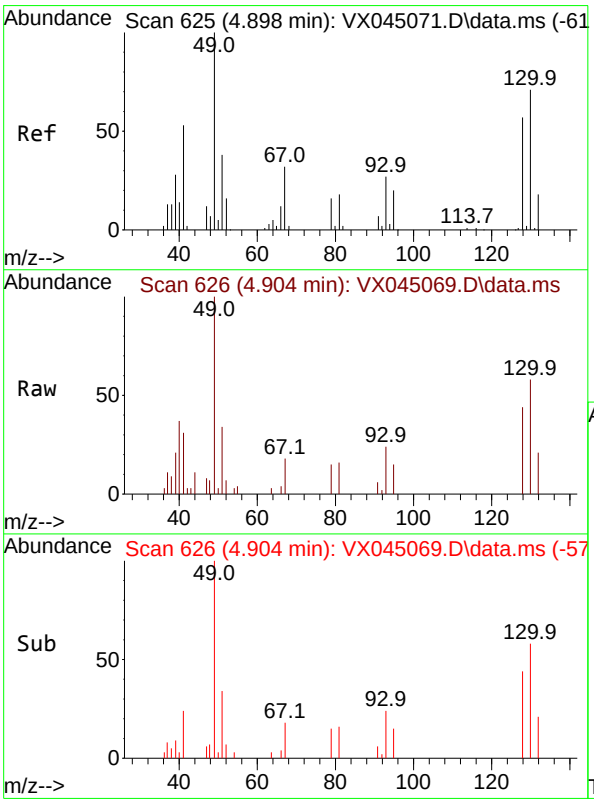
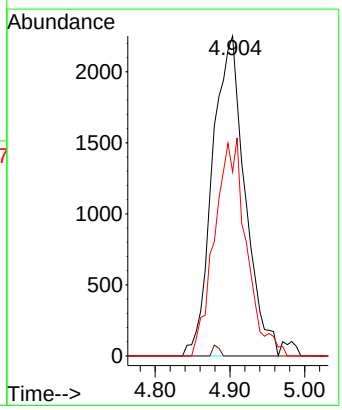
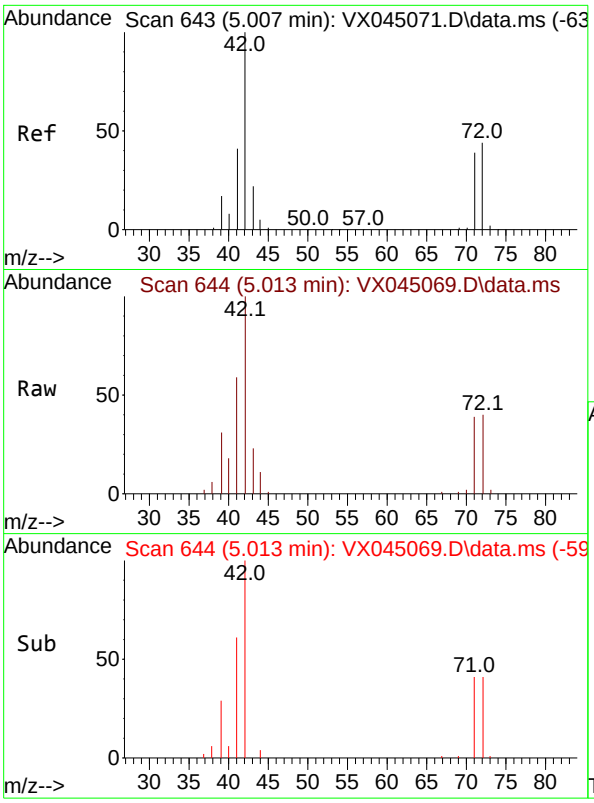


#28
Bromochloromethane
Concen: 5.311 ug/l
RT: 4.904 min Scan# 626
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 49 Resp: 6797

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.4
130	66.5	56.1	84.1

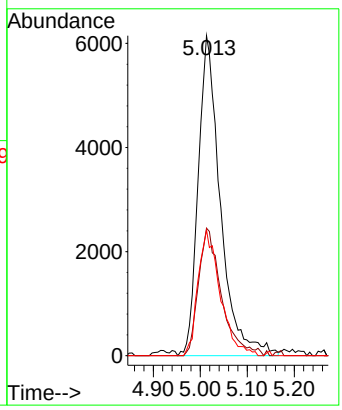




#29
Tetrahydrofuran
Concen: 28.950 ug/l
RT: 5.013 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 42 Resp: 2018

Ion	Ratio	Lower	Upper
42	100		
72	41.2	34.1	51.1
71	39.3	31.4	47.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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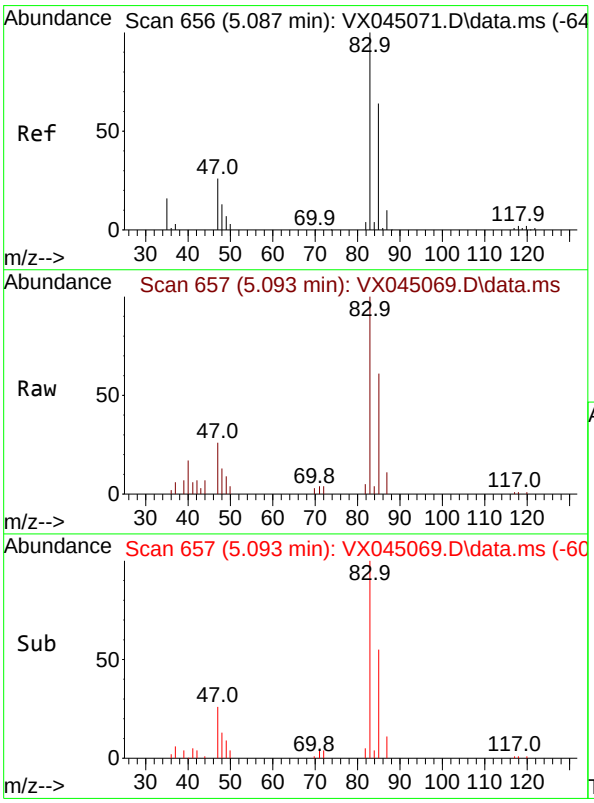
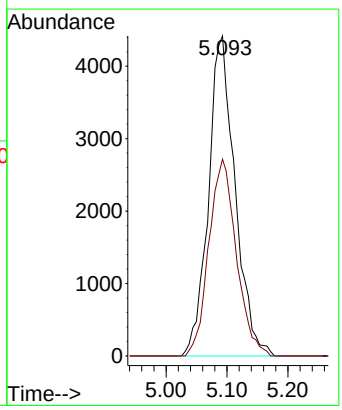
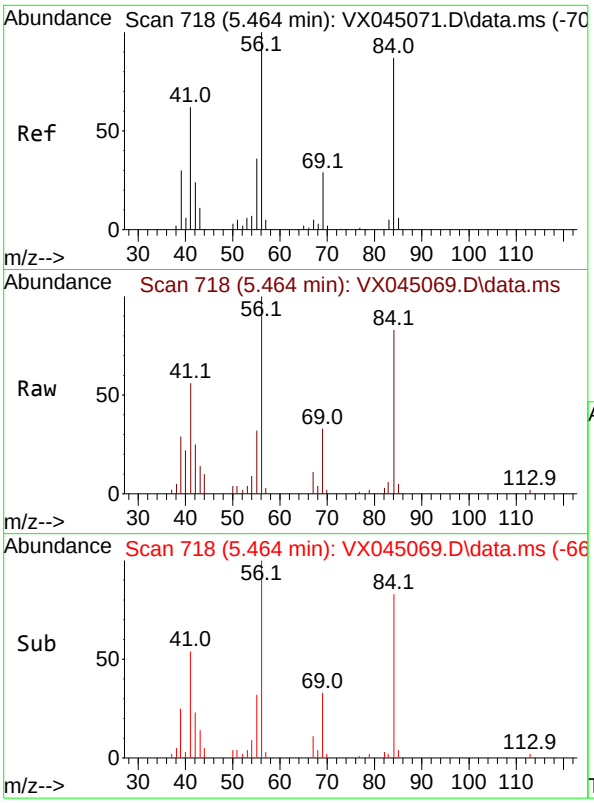


#30
Chloroform
Concen: 5.159 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 83 Resp: 13390

Ion	Ratio	Lower	Upper
83	100		
85	61.5	51.4	77.2

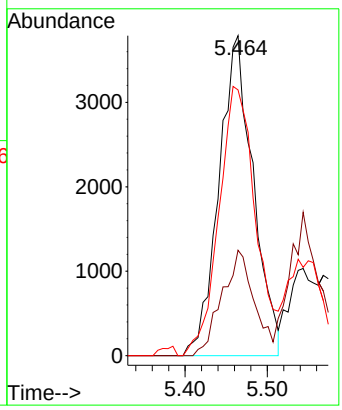




#31
Cyclohexane
Concen: 4.504 ug/l
RT: 5.464 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 56 Resp: 1096

Ion	Ratio	Lower	Upper
56	100		
69	33.0	23.4	35.2
84	83.1	69.4	104.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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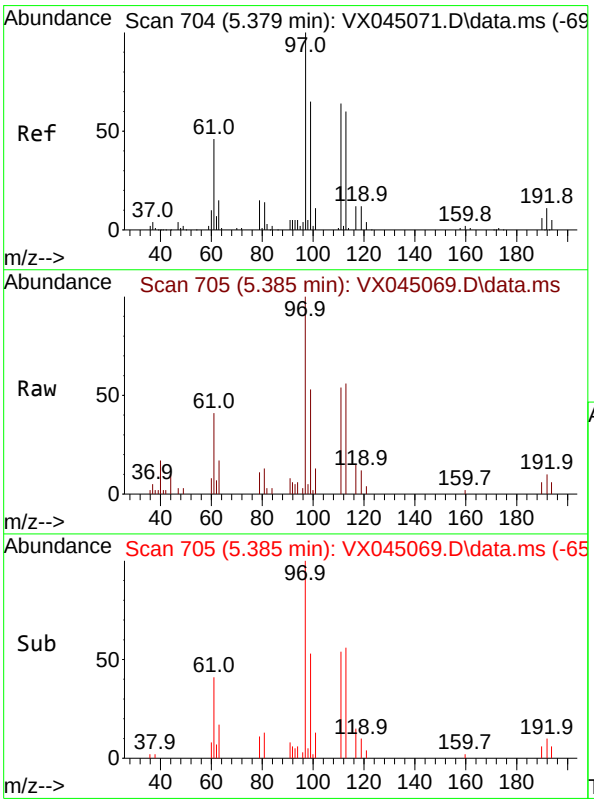
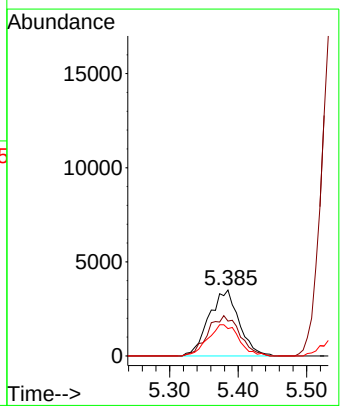
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

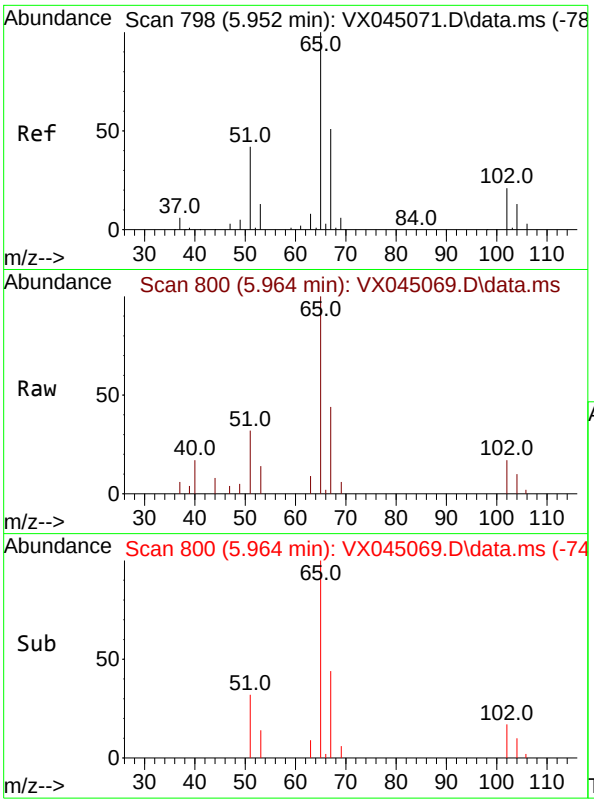


#32
1,1,1-Trichloroethane
Concen: 4.876 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 97 Resp: 10654

Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.6	77.4
61	48.7	38.4	57.6

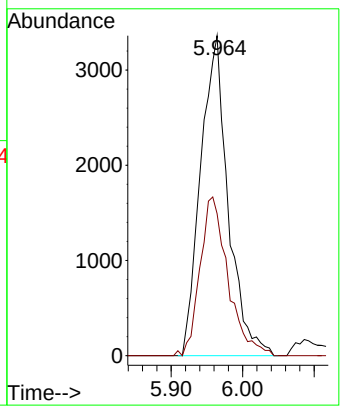




#33
1,2-Dichloroethane-d4
Concen: 5.659 ug/l
RT: 5.964 min Scan# 8
Delta R.T. 0.012 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 65 Resp: 897

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	106.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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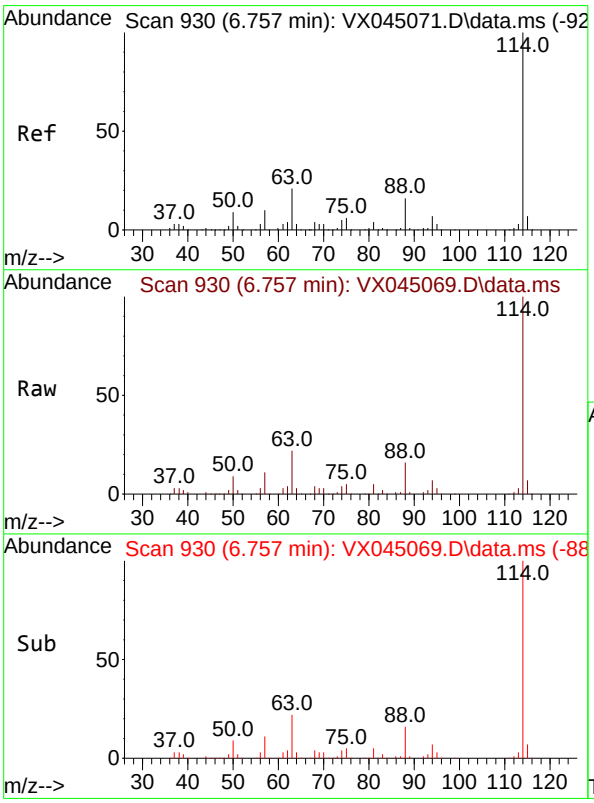
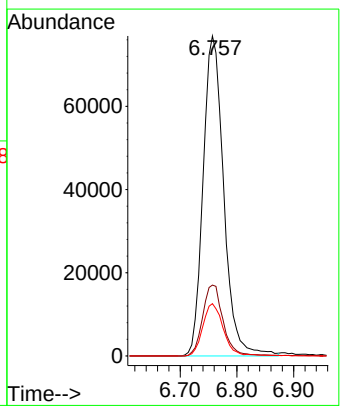
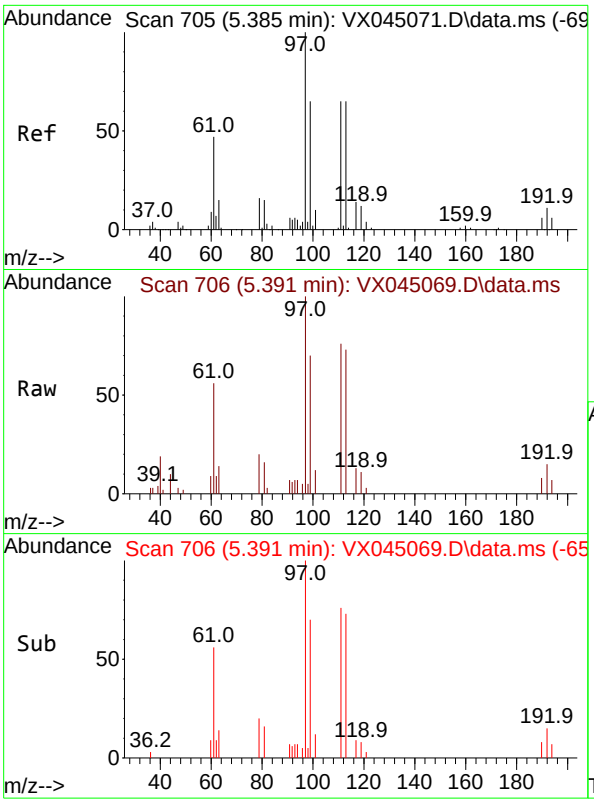


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion:114 Resp: 194243

Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	41.8
88	16.4	0.0	32.8

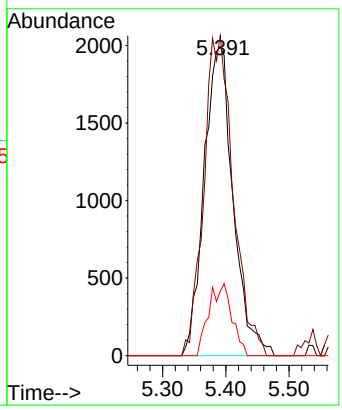




#35
Dibromofluoromethane
Concen: 5.039 ug/l
RT: 5.391 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion:113 Resp: 639

Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.8	122.6
192	18.3	14.3	21.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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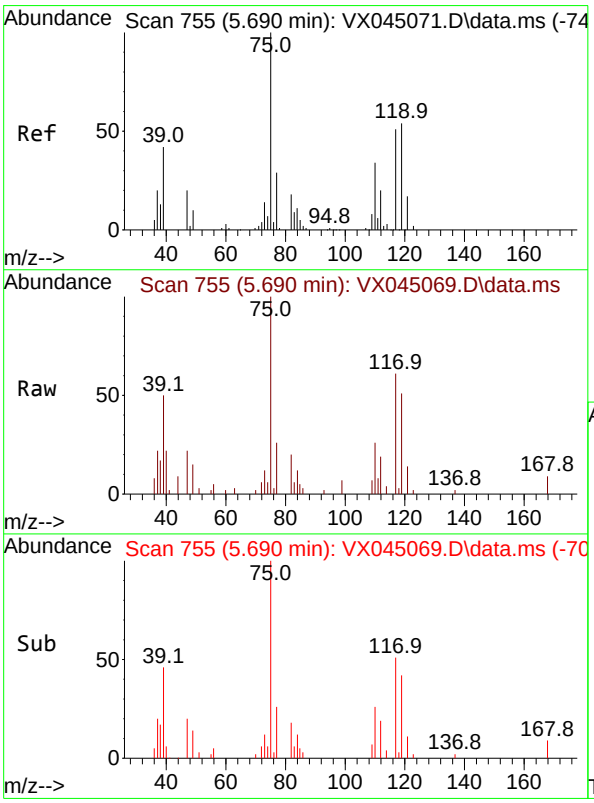
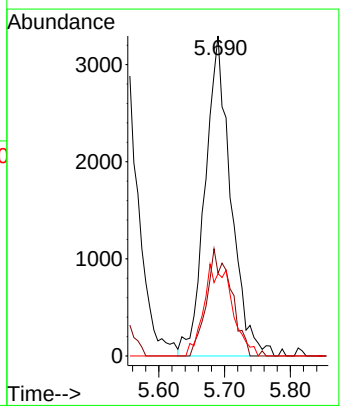
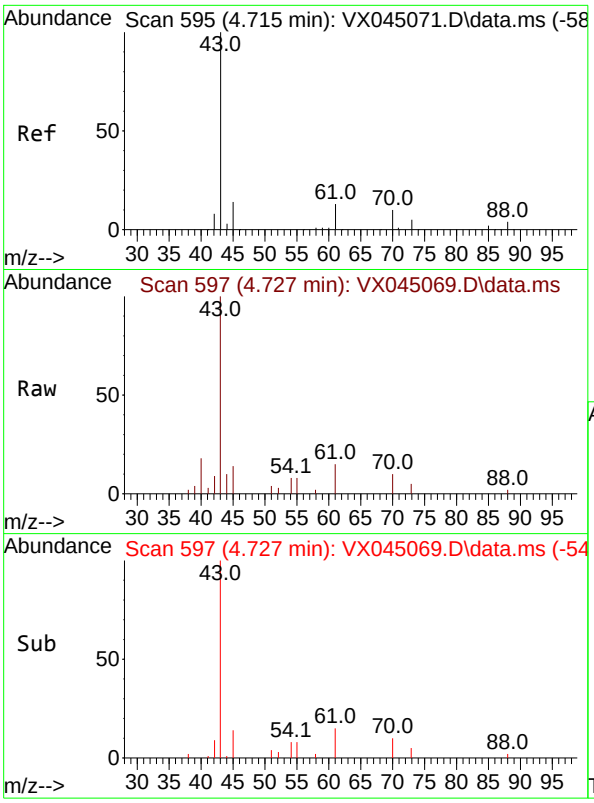


#36
1,1-Dichloropropene
Concen: 4.917 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 75 Resp: 8977

Ion	Ratio	Lower	Upper
75	100		
110	31.8	16.9	50.6
77	13.2	24.5	36.7#

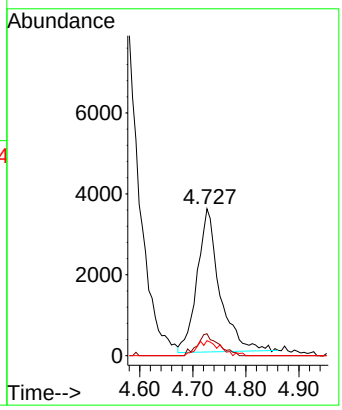




#37
Ethyl Acetate
Concen: 5.035 ug/l
RT: 4.727 min Scan# 5
Delta R.T. 0.012 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 43 Resp: 1045

Ion	Ratio	Lower	Upper
43	100		
61	14.4	10.8	16.2
70	10.2	7.7	11.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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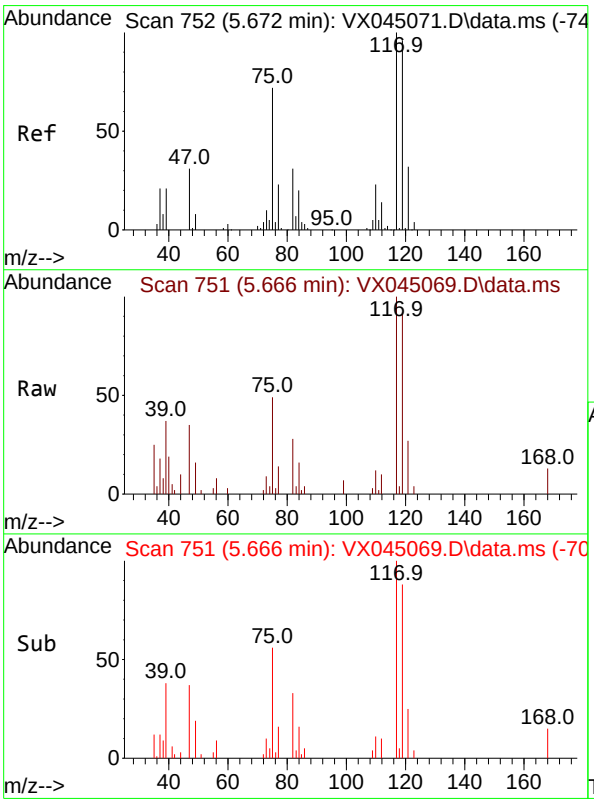
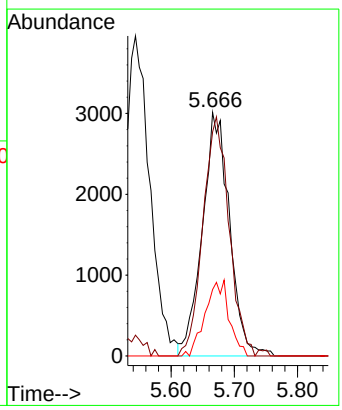
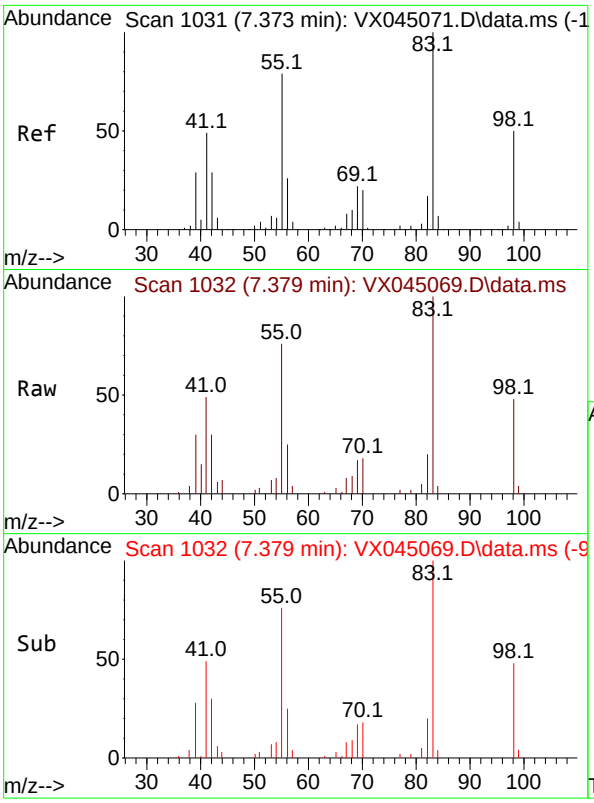


#38
Carbon Tetrachloride
Concen: 5.013 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion:117 Resp: 8997

Ion	Ratio	Lower	Upper
117	100		
119	92.0	76.7	115.1
121	27.2	25.5	38.3

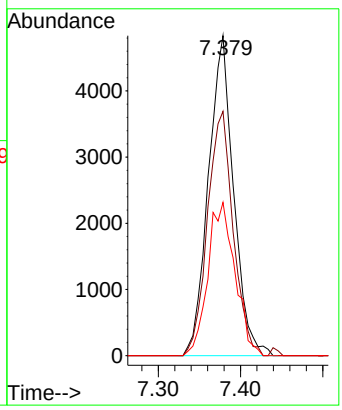




#39
Methylcyclohexane
Concen: 4.414 ug/l
RT: 7.379 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 83 Resp: 1029

Ion	Ratio	Lower	Upper
83	100		
55	76.4	63.0	94.4
98	47.9	39.7	59.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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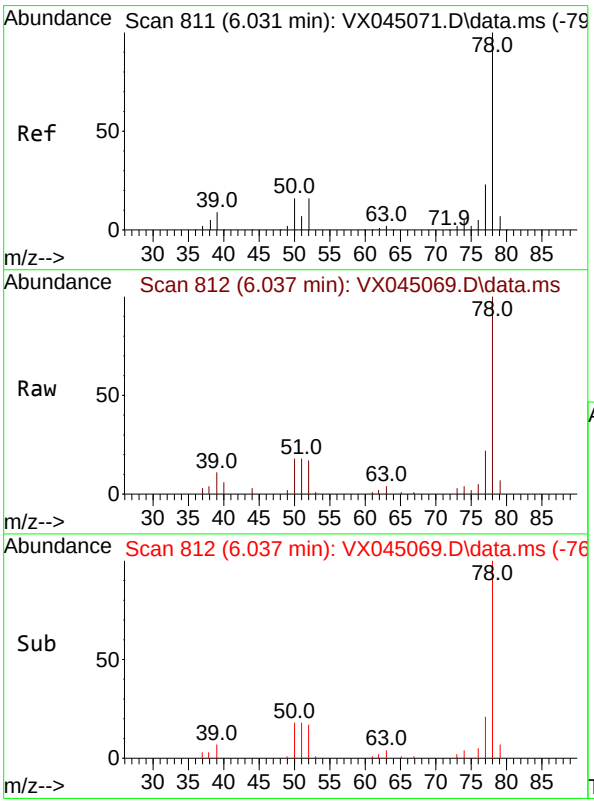
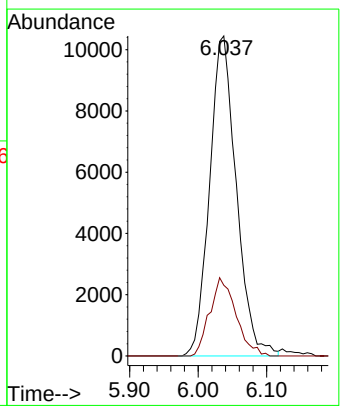
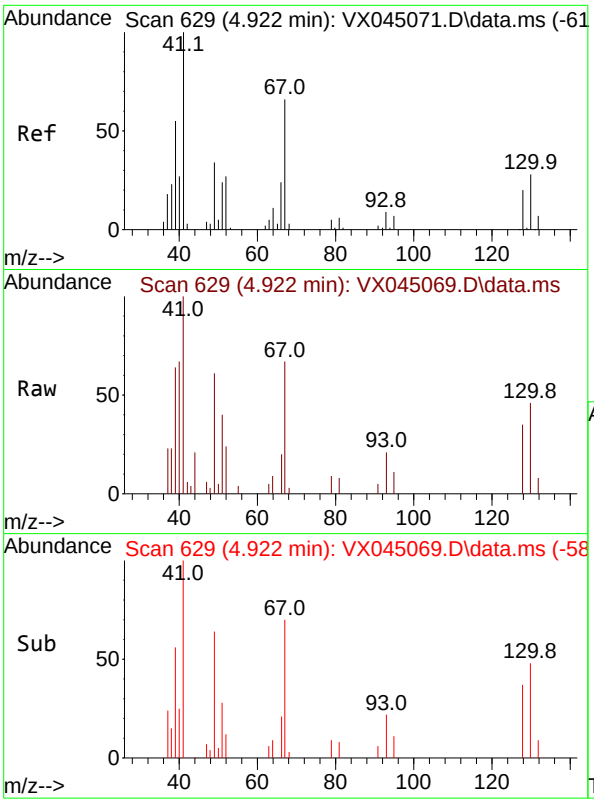


#40
Benzene
Concen: 4.966 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 78 Resp: 28339

Ion	Ratio	Lower	Upper
78	100		
77	22.1	18.8	28.2

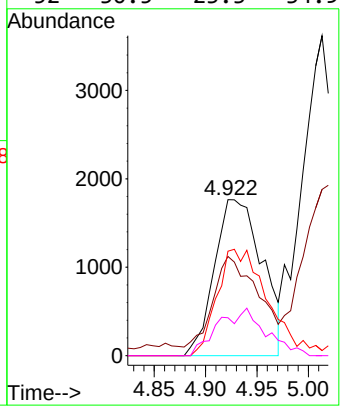




#41
Methacrylonitrile
Concen: 5.136 ug/l
RT: 4.922 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 41 Resp: 570

Ion	Ratio	Lower	Upper
41	100		
39	53.3	44.6	67.0
67	73.4	53.9	80.9
52	30.5	23.3	34.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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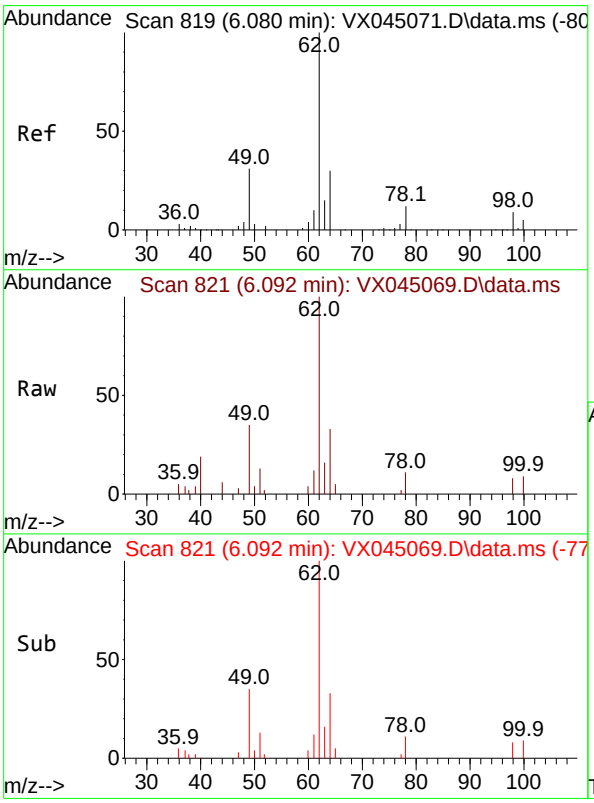
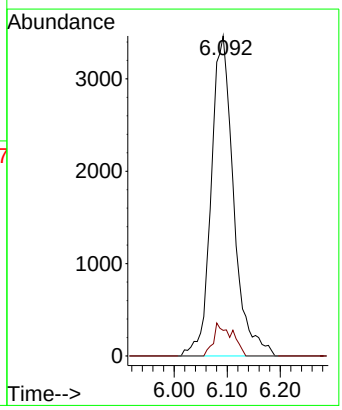
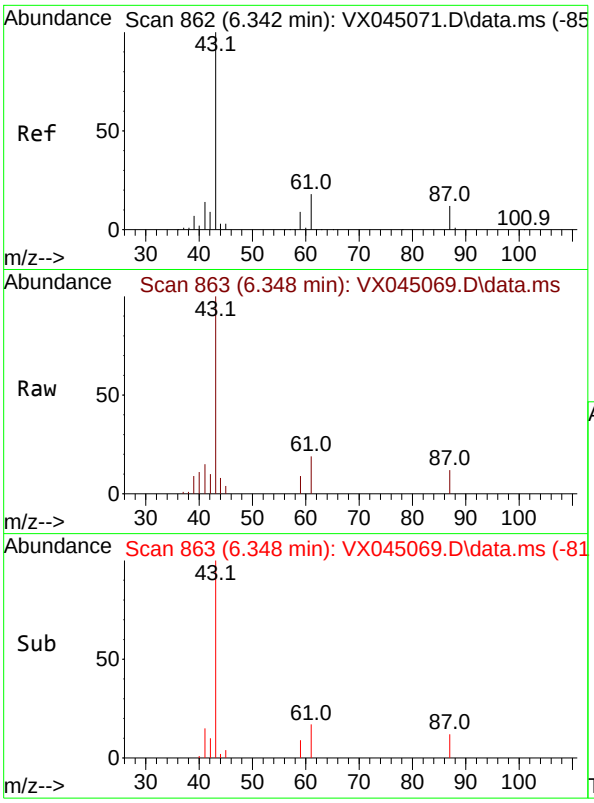


#42
1,2-Dichloroethane
Concen: 5.510 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.012 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 62 Resp: 10189

Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	18.2

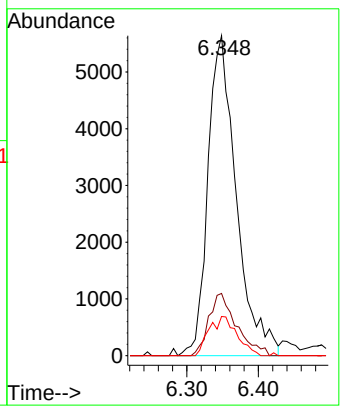




#43
Isopropyl Acetate
Concen: 4.700 ug/l
RT: 6.348 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 43 Resp: 1554

Ion	Ratio	Lower	Upper
43	100		
61	19.0	14.9	22.3
87	12.1	9.4	14.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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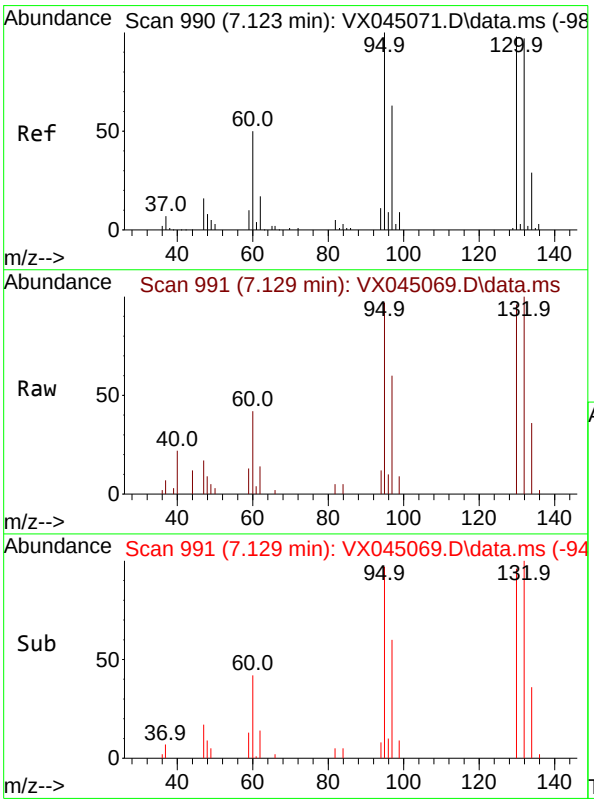
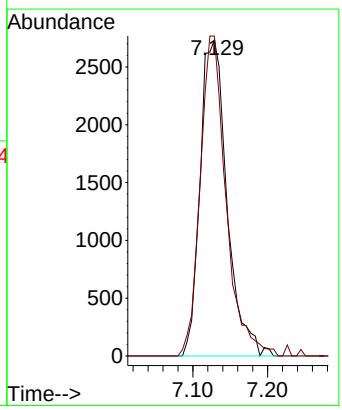
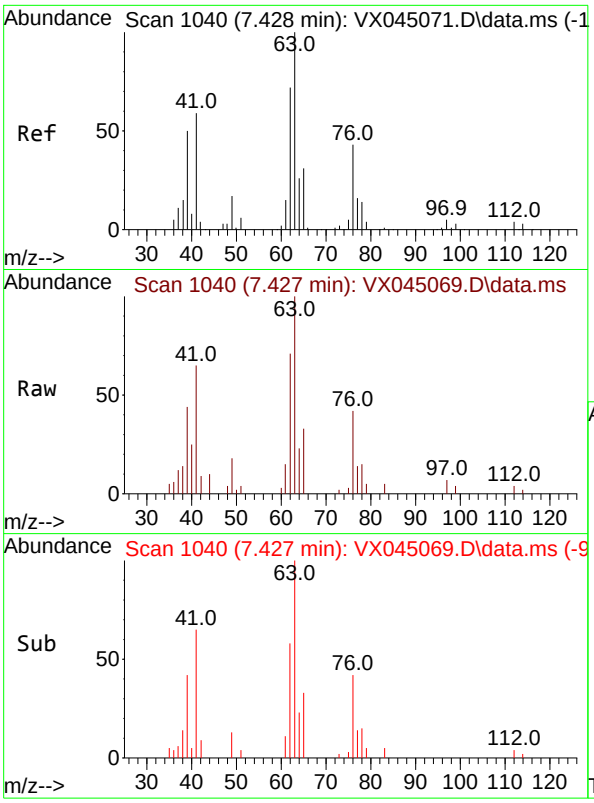


#44
Trichloroethene
Concen: 5.234 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion:130 Resp: 6827

Ion	Ratio	Lower	Upper
130	100		
95	101.2	0.0	205.0





#45
1,2-Dichloropropane
Concen: 5.177 ug/l
RT: 7.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 63 Resp: 734

Ion	Ratio	Lower	Upper
63	100		
65	33.4	24.7	37.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
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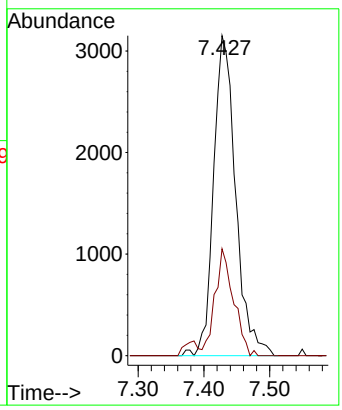
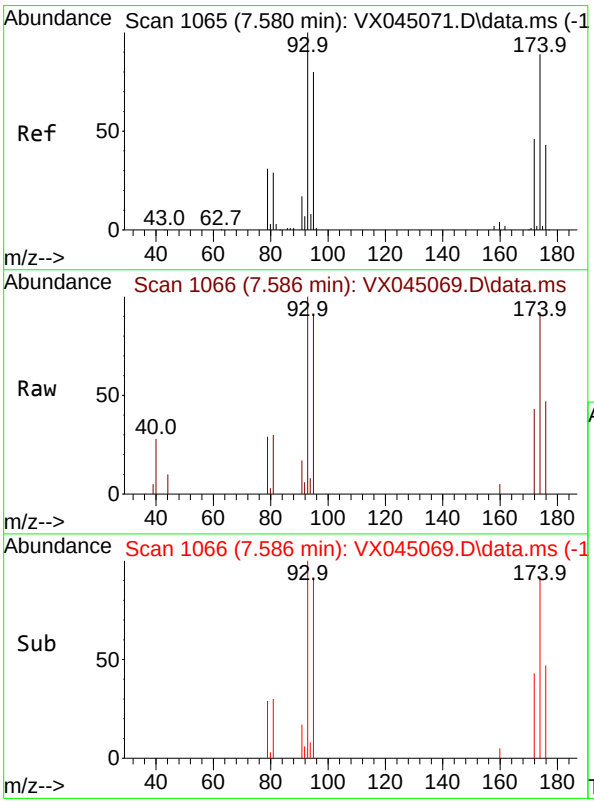
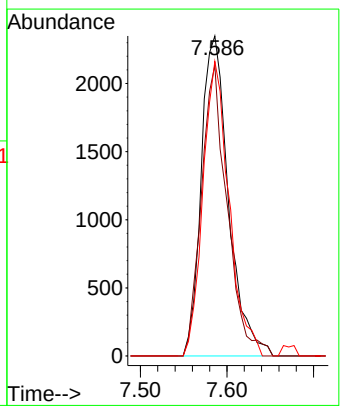


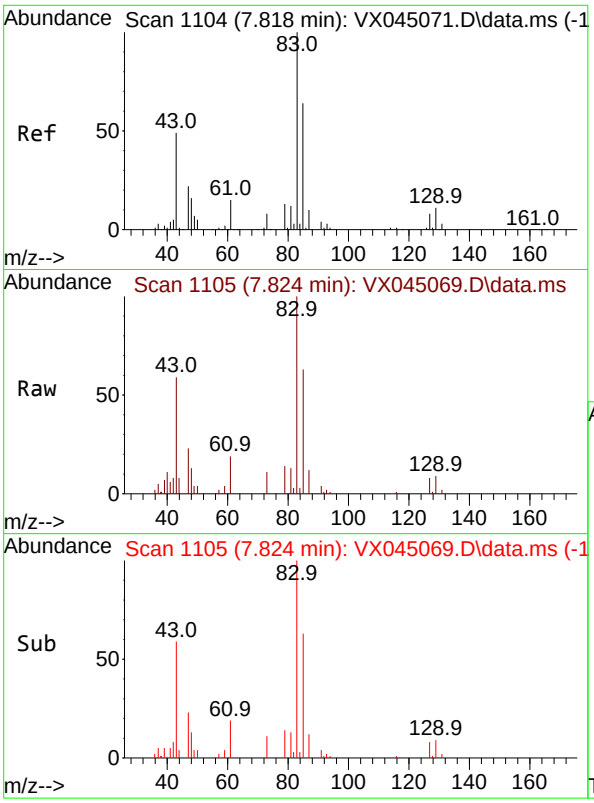


#46
Dibromomethane
Concen: 5.195 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 93 Resp: 5146

Ion	Ratio	Lower	Upper
93	100		
95	86.2	65.8	98.8
174	88.2	72.2	108.2

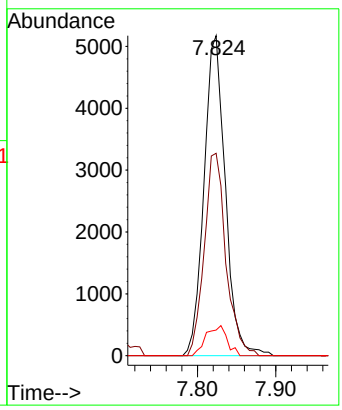




#47
Bromodichloromethane
Concen: 5.100 ug/l
RT: 7.824 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 83 Resp: 977

Ion	Ratio	Lower	Upper
83	100		
85	63.3	51.1	76.7
127	8.0	6.4	9.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

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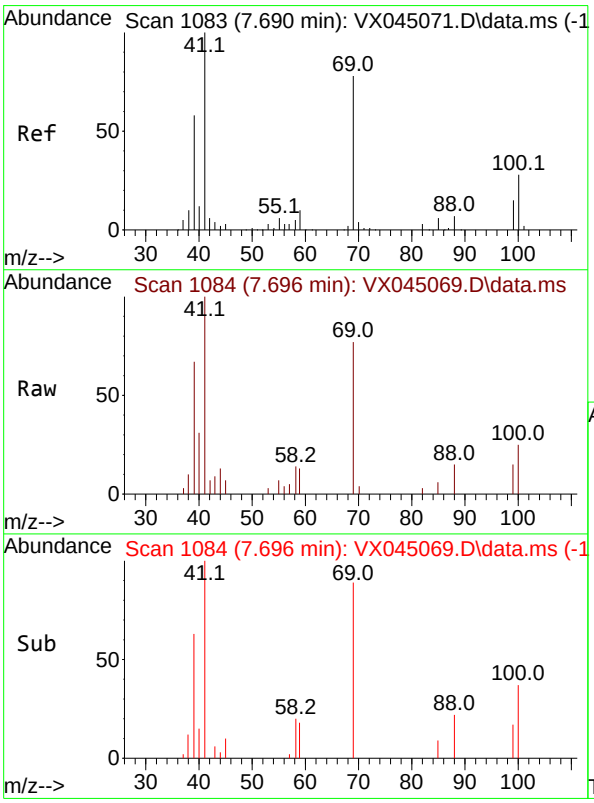
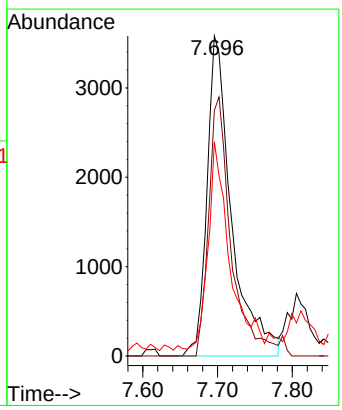
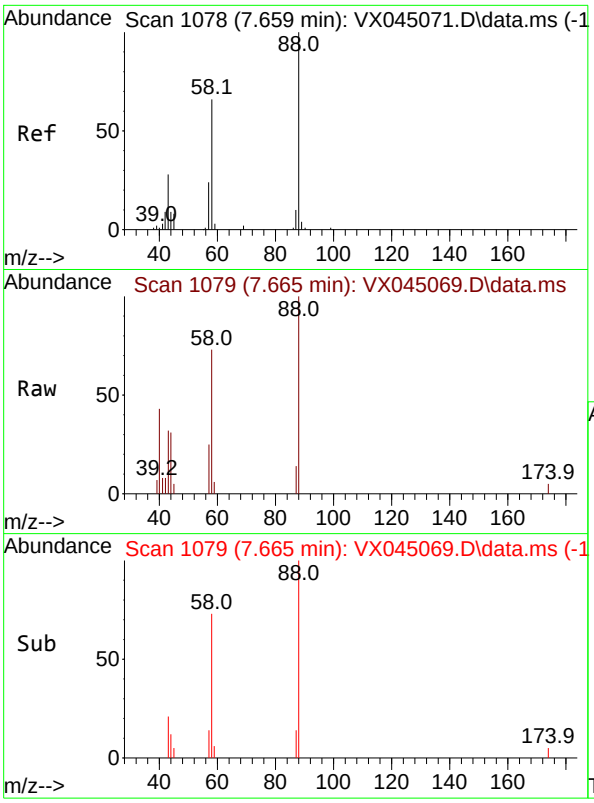


#48
Methyl methacrylate
Concen: 5.224 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 41 Resp: 8201

Ion	Ratio	Lower	Upper
41	100		
69	74.0	63.0	94.6
39	55.4	47.5	71.3

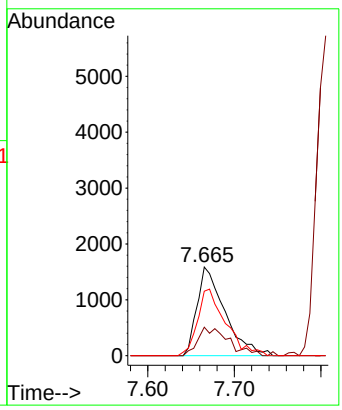




#49
1,4-Dioxane
Concen: 105.826 ug/l
RT: 7.665 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 88 Resp: 353

Ion	Ratio	Lower	Upper
88	100		
43	35.2	28.7	43.1
58	75.9	55.8	83.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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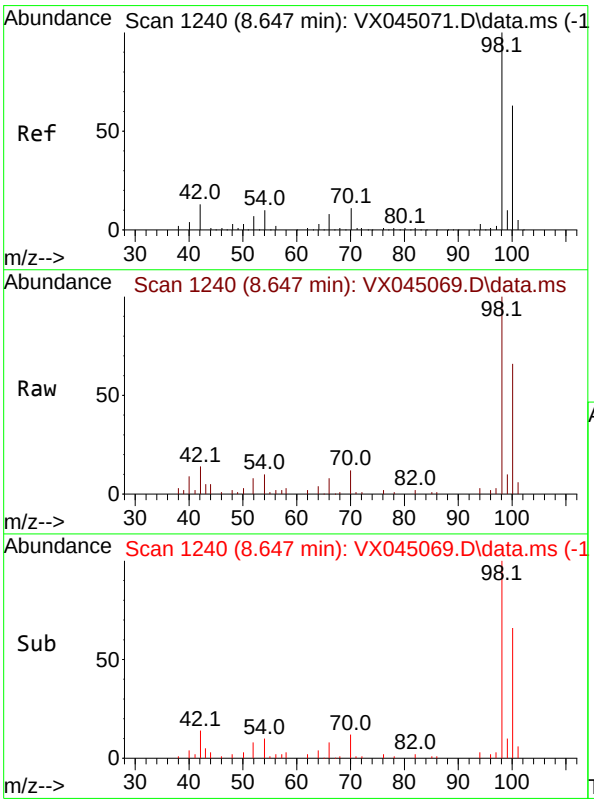
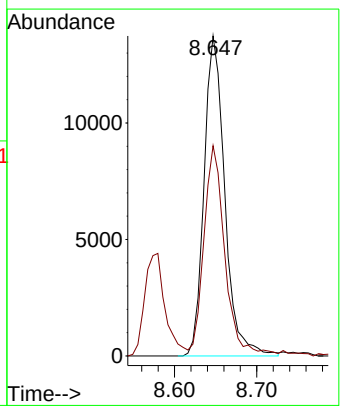
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

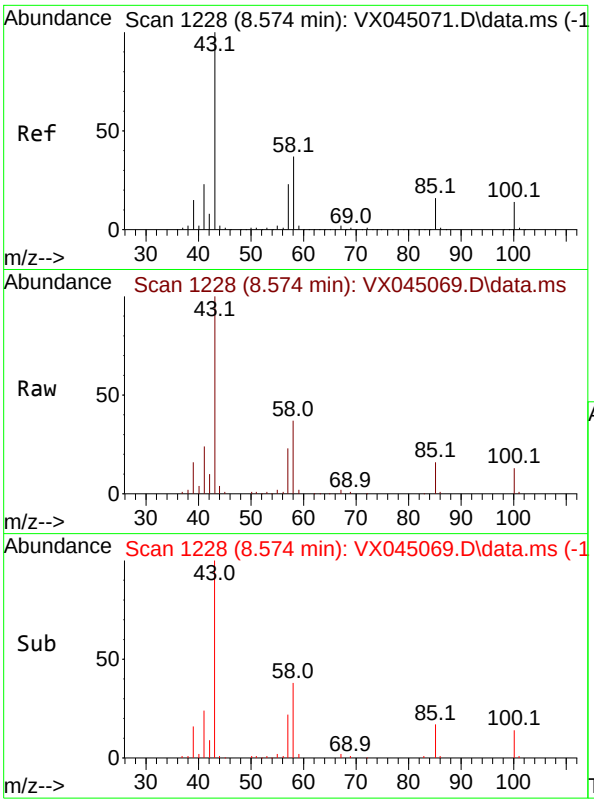


#50
Toluene-d8
Concen: 5.057 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 98 Resp: 24037

Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.0	78.0

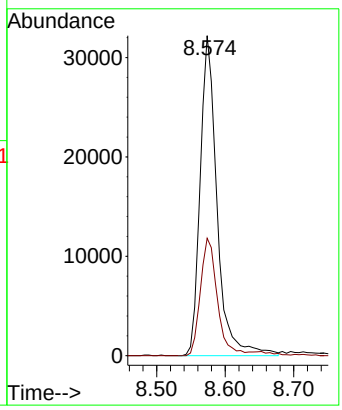




#51
4-Methyl-2-Pentanone
Concen: 27.303 ug/l
RT: 8.574 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 43 Resp: 5532

Ion	Ratio	Lower	Upper
43	100		
58	36.8	29.2	43.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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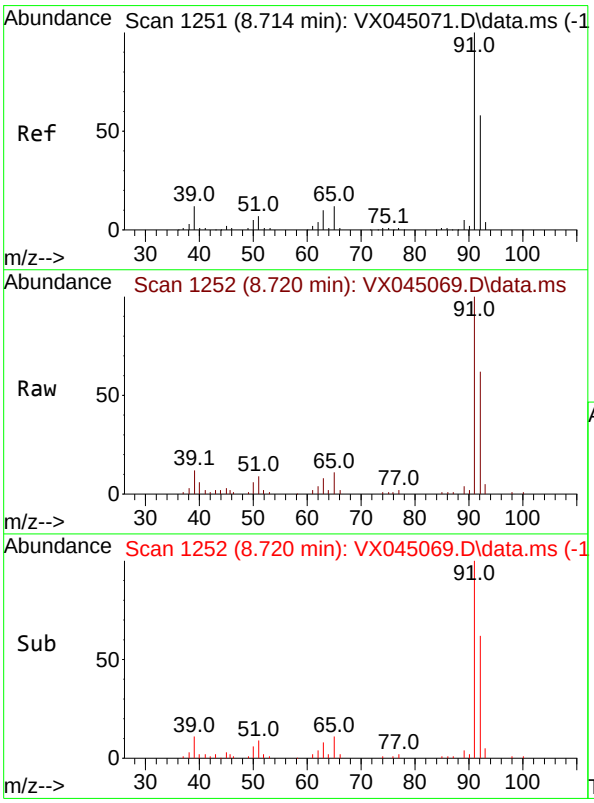
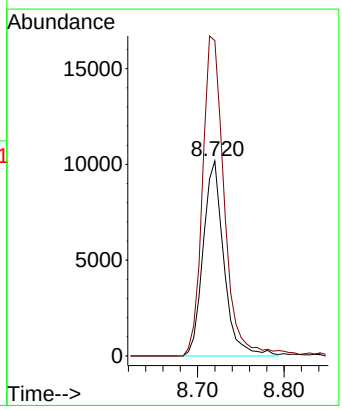
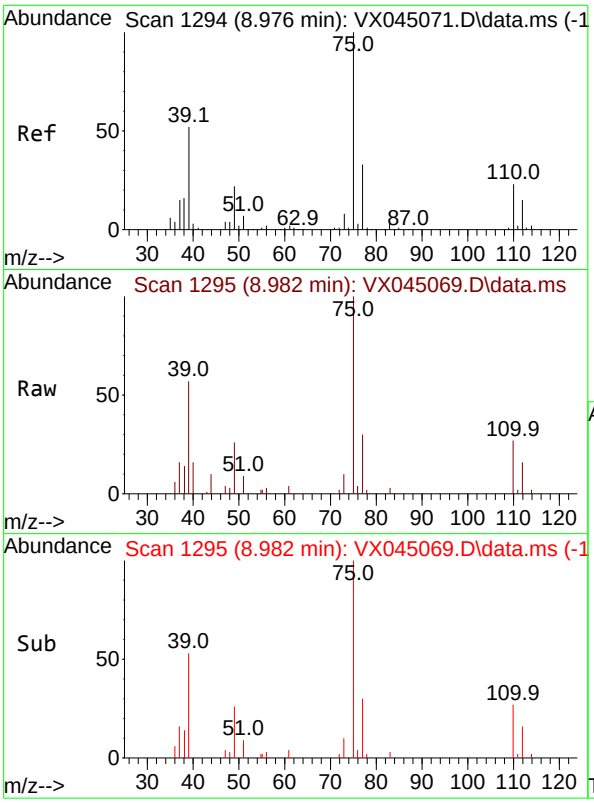


#52
Toluene
Concen: 4.997 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 92 Resp: 16933

Ion	Ratio	Lower	Upper
92	100		
91	172.6	138.9	208.3

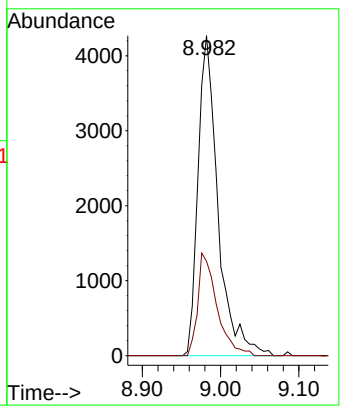




#53
t-1,3-Dichloropropene
Concen: 3.985 ug/l
RT: 8.982 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 75 Resp: 754

Ion	Ratio	Lower	Upper
75	100		
77	29.6	26.5	39.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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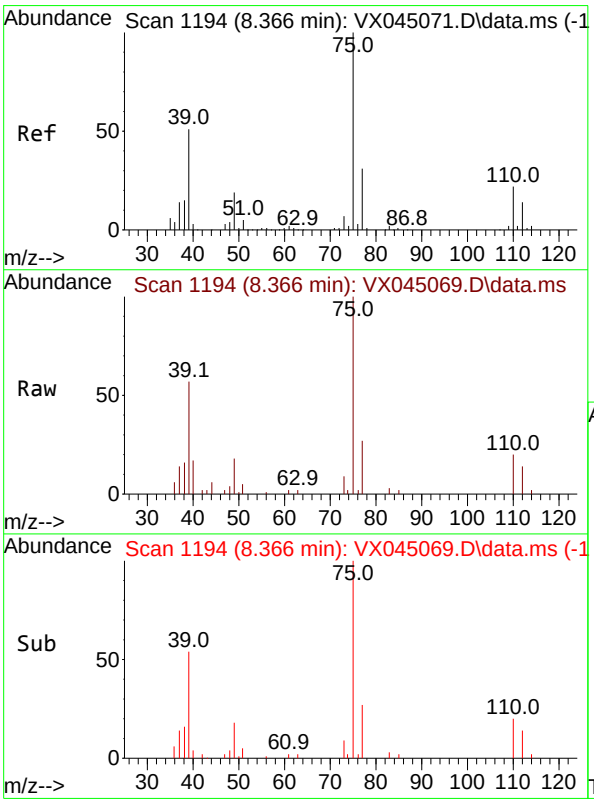
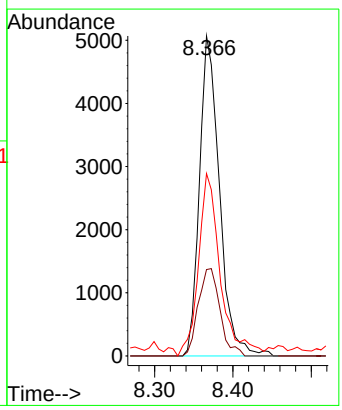
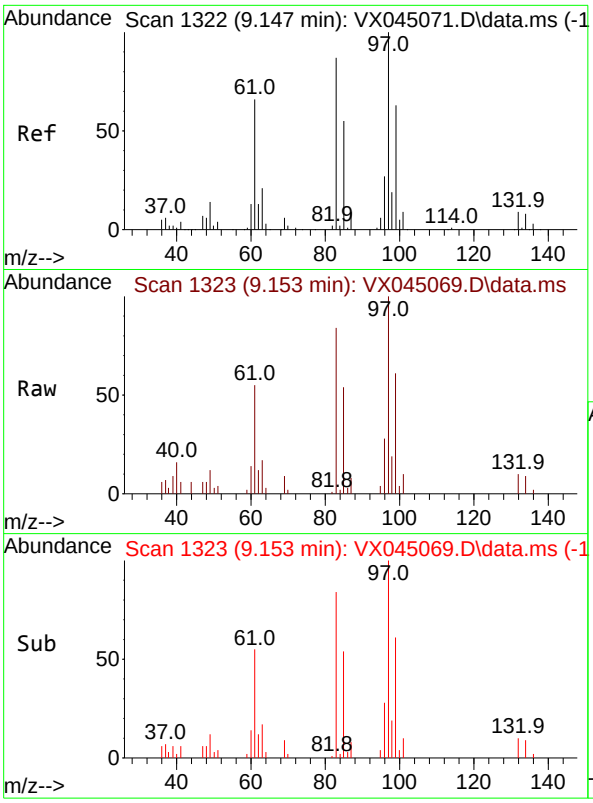


#54
cis-1,3-Dichloropropene
Concen: 4.244 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 75 Resp: 8988

Ion	Ratio	Lower	Upper
75	100		
77	27.0	24.7	37.1
39	57.0	40.7	61.1

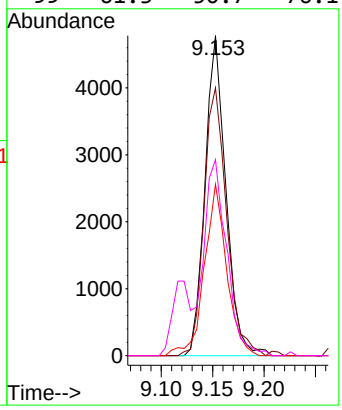




#55
1,1,2-Trichloroethane
Concen: 5.151 ug/l
RT: 9.153 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 97 Resp: 675

Ion	Ratio	Lower	Upper
97	100		
83	83.7	69.4	104.2
85	53.6	44.1	66.1
99	61.3	50.7	76.1



Instrument :
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ClientSampleId :
VSTDICC005

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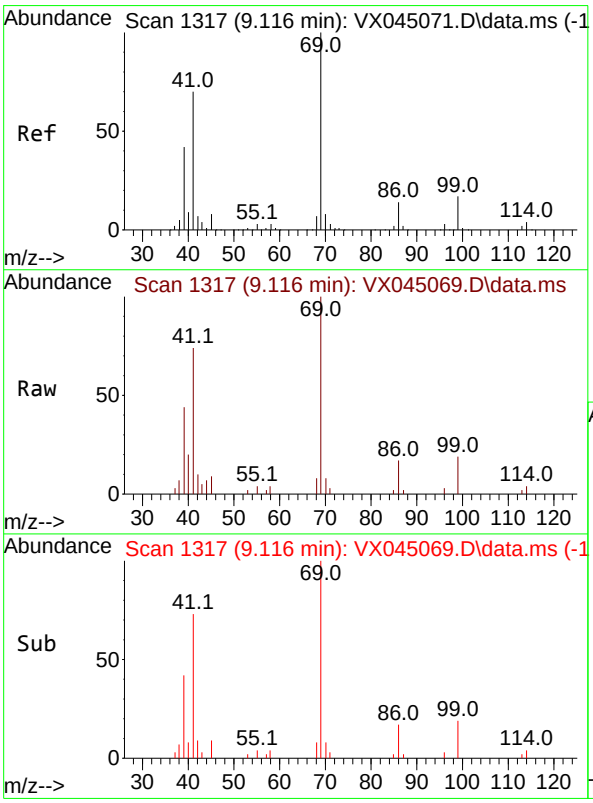
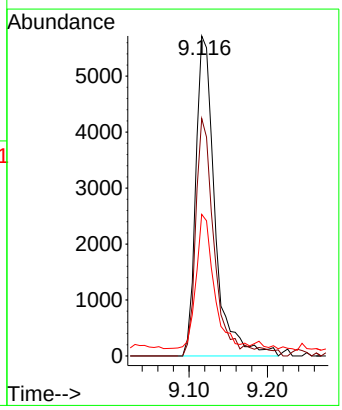
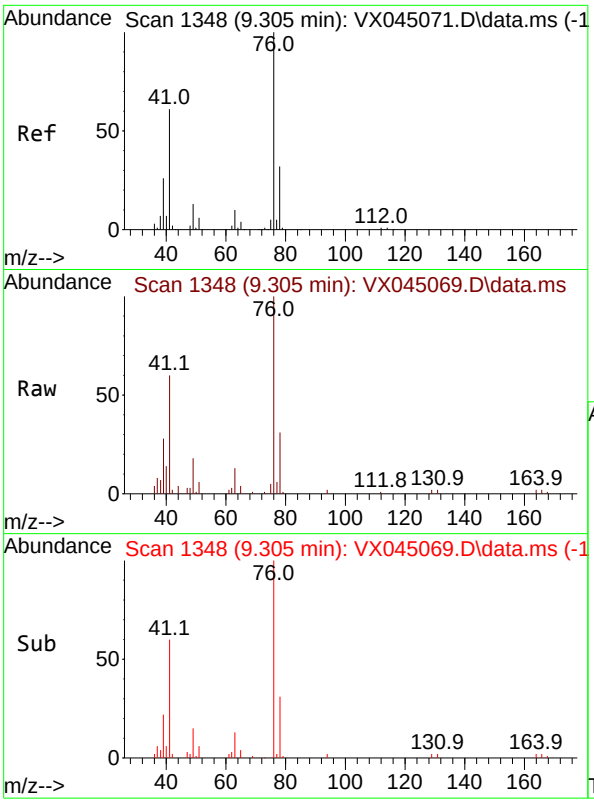


#56
Ethyl methacrylate
Concen: 4.628 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 69 Resp: 9712

Ion	Ratio	Lower	Upper
69	100		
41	71.0	57.0	85.4
39	39.2	34.2	51.4

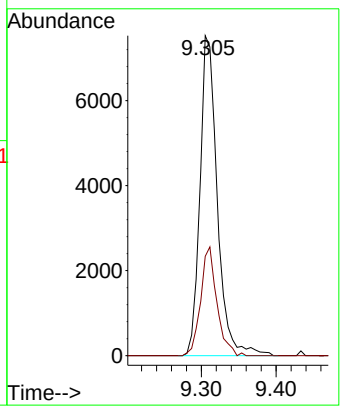




#57
1,3-Dichloropropane
Concen: 5.289 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 76 Resp: 1210

Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.5	38.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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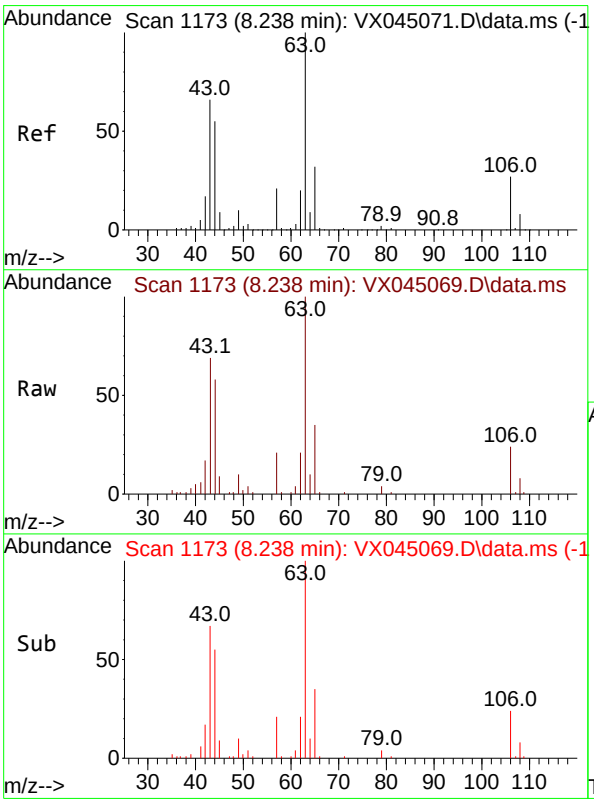
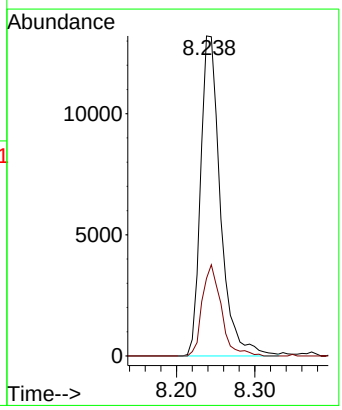
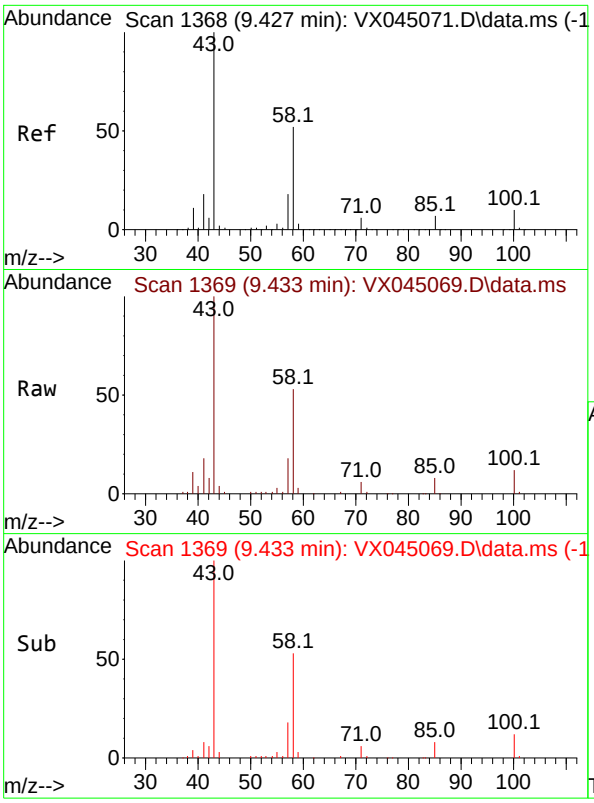


#58
2-Chloroethyl Vinyl ether
Concen: 22.527 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 63 Resp: 23212

Ion	Ratio	Lower	Upper
63	100		
106	27.4	21.5	32.3

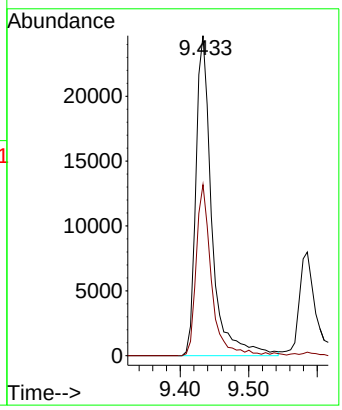




#59
2-Hexanone
Concen: 27.363 ug/l
RT: 9.433 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 43 Resp: 3999

Ion	Ratio	Lower	Upper
43	100		
58	50.7	25.9	77.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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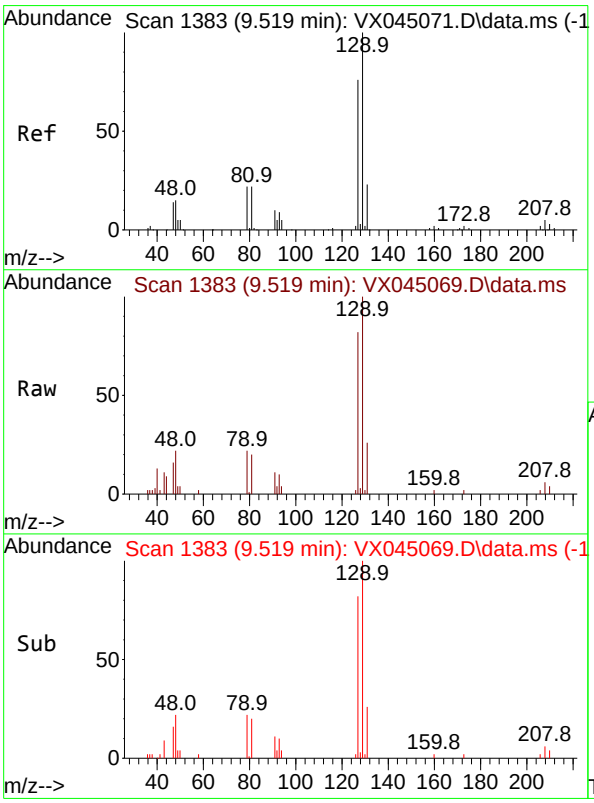
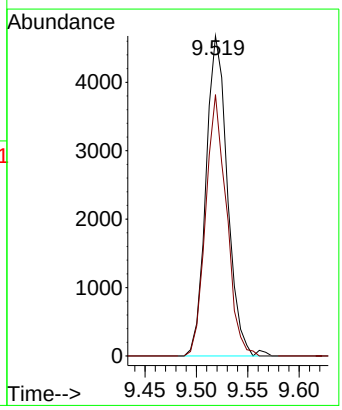
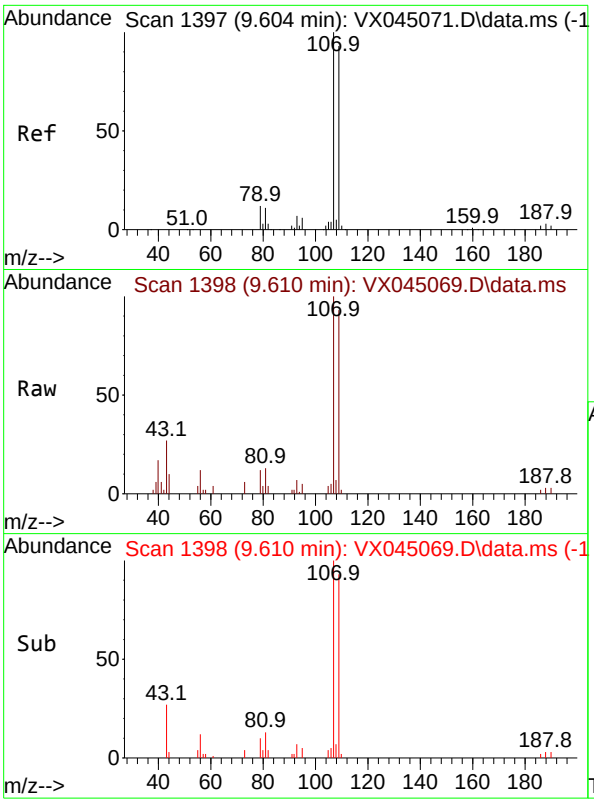


#60
Dibromochloromethane
Concen: 4.846 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion:129 Resp: 6785

Ion	Ratio	Lower	Upper
129	100		
127	79.0	38.5	115.5

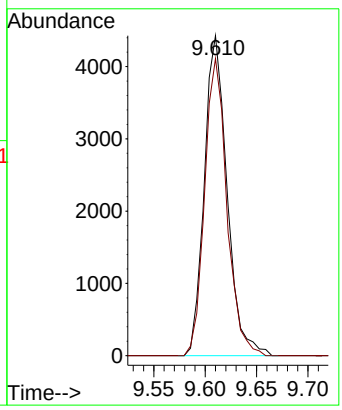




#61
1,2-Dibromoethane
Concen: 5.161 ug/l
RT: 9.610 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion:107 Resp: 683

Ion	Ratio	Lower	Upper
107	100		
109	90.7	76.1	114.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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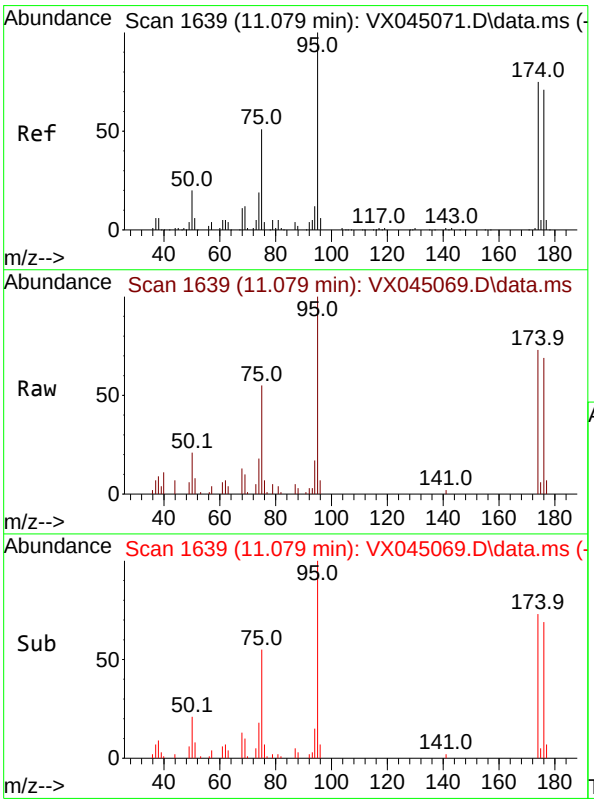
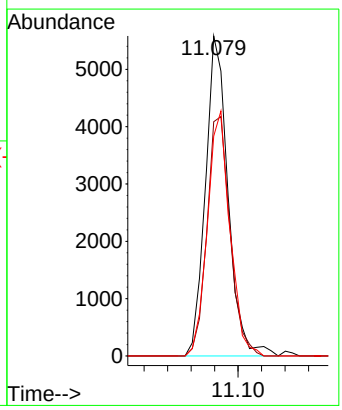
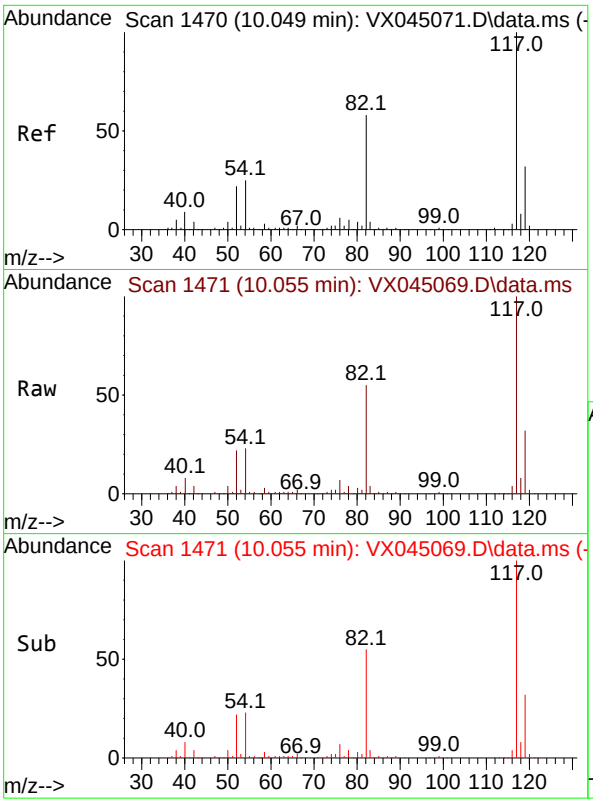


#62
4-Bromofluorobenzene
Concen: 4.685 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 95 Resp: 7436

Ion	Ratio	Lower	Upper
95	100		
174	76.5	0.0	148.2
176	76.3	0.0	141.4

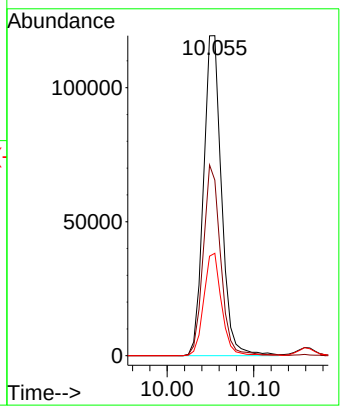




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion:117 Resp: 17236

Ion	Ratio	Lower	Upper
117	100		
82	54.8	46.3	69.5
119	32.0	25.7	38.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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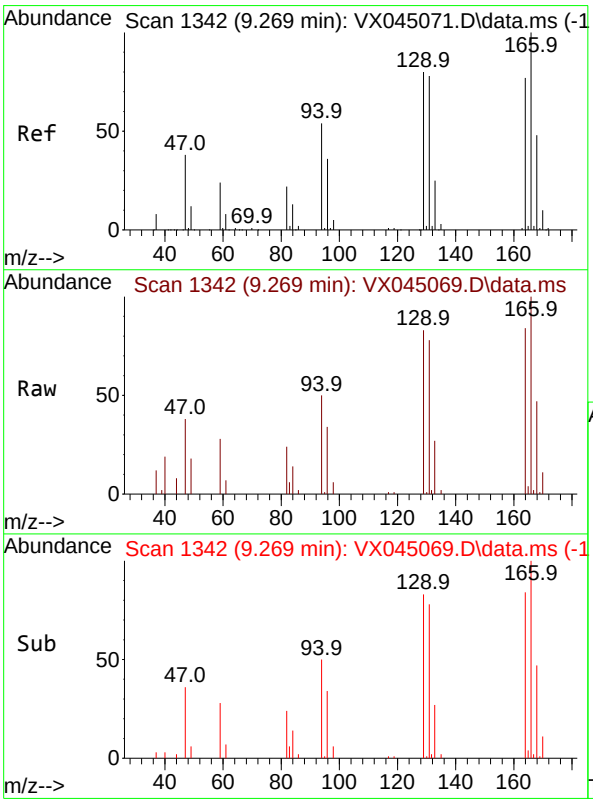
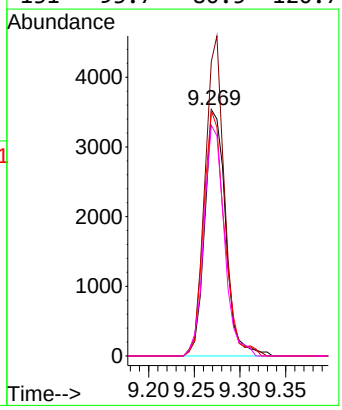
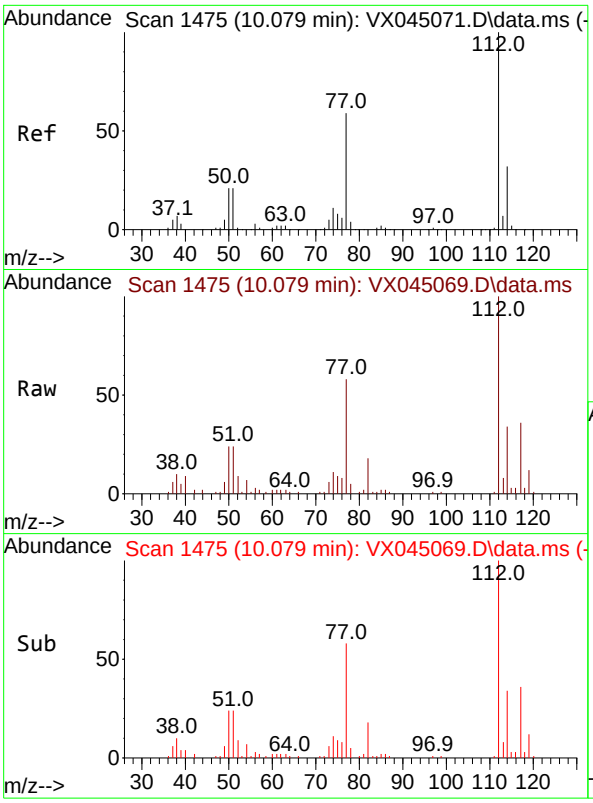


#64
Tetrachloroethene
Concen: 5.128 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion:164 Resp: 5615

Ion	Ratio	Lower	Upper
164	100		
166	119.5	103.6	155.4
129	99.7	82.7	124.1
131	93.7	80.5	120.7

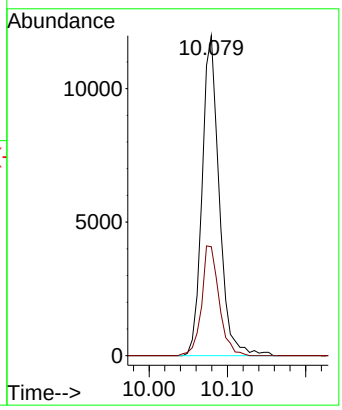




#65
Chlorobenzene
Concen: 4.908 ug/l
RT: 10.079 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion:112 Resp: 1816

Ion	Ratio	Lower	Upper
112	100		
114	34.0	26.0	39.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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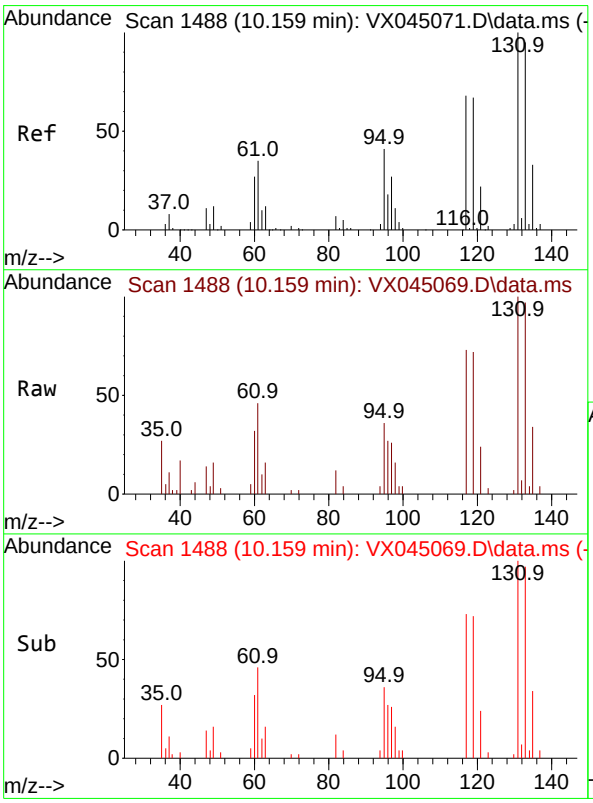
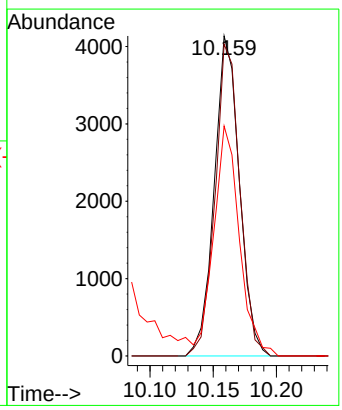
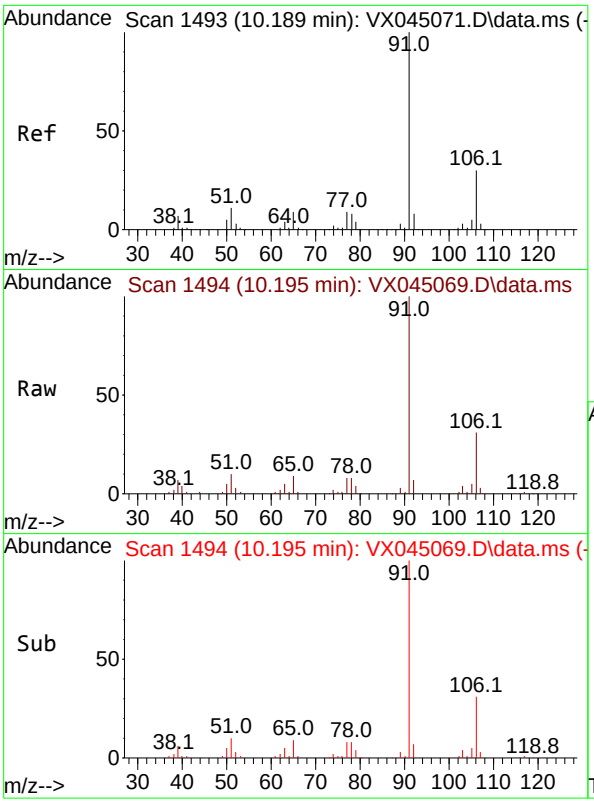


#66
1,1,1,2-Tetrachloroethane
Concen: 4.781 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion:131 Resp: 5702

Ion	Ratio	Lower	Upper
131	100		
133	96.1	48.6	145.9
119	73.4	33.9	101.7

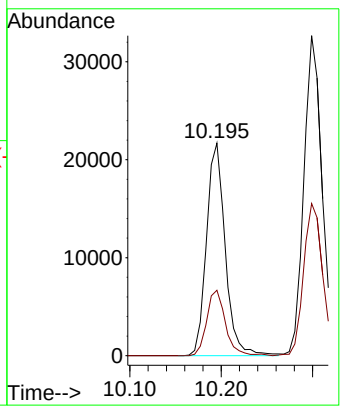




#67
Ethyl Benzene
Concen: 4.725 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 91 Resp: 3091

Ion	Ratio	Lower	Upper
91	100		
106	30.8	23.9	35.9



Instrument :
MSVOA_X
ClientSampleId :
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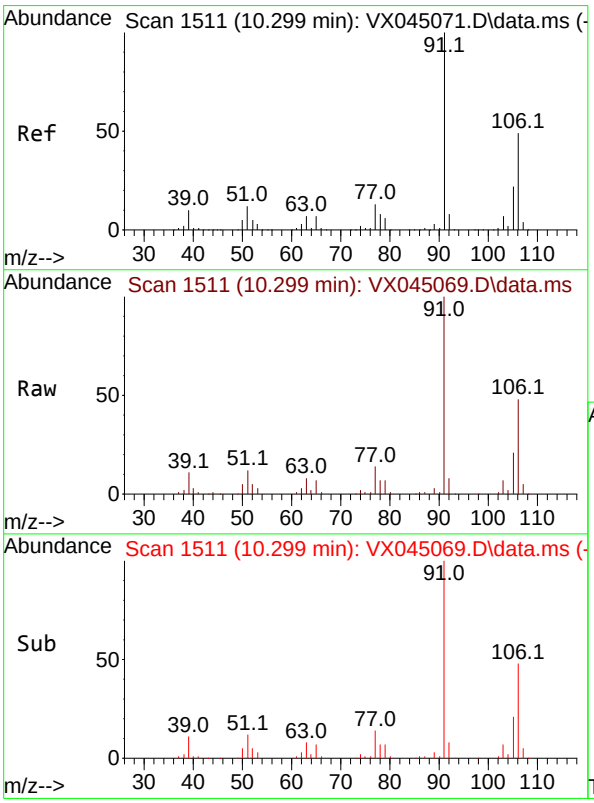
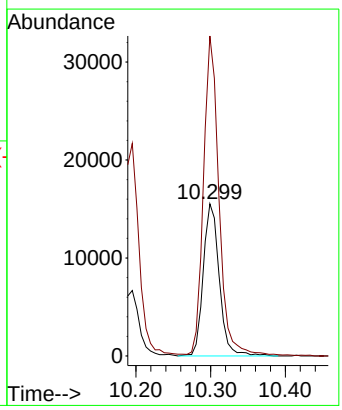
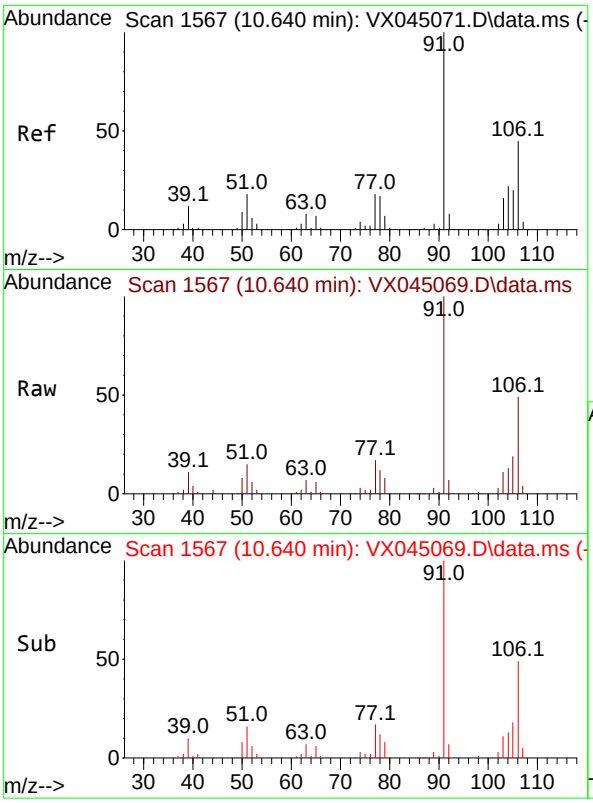


#68
m/p-Xylenes
Concen: 9.608 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion:106 Resp: 23152

Ion	Ratio	Lower	Upper
106	100		
91	202.7	165.4	248.0

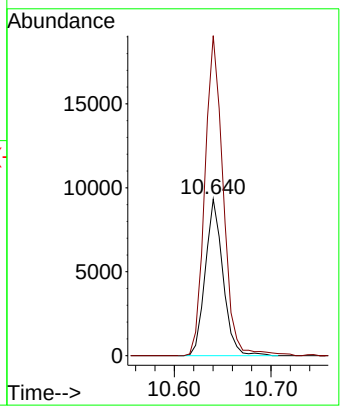




#69
o-Xylene
Concen: 4.914 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion:106 Resp: 1188

Ion	Ratio	Lower	Upper
106	100		
91	211.7	109.9	329.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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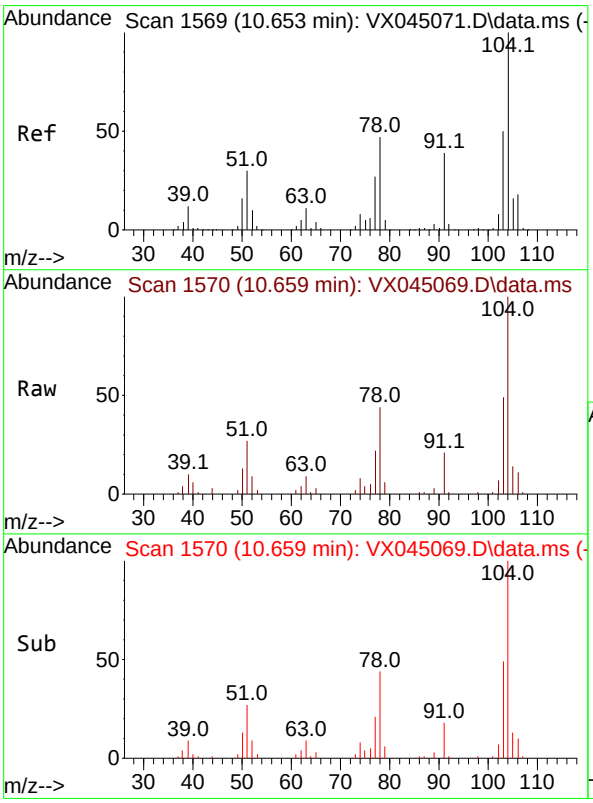
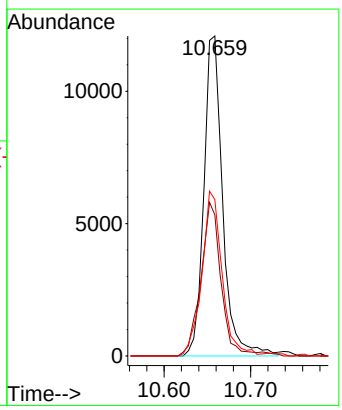
Supervised By :Mahesh Dadoda 02/28/2025

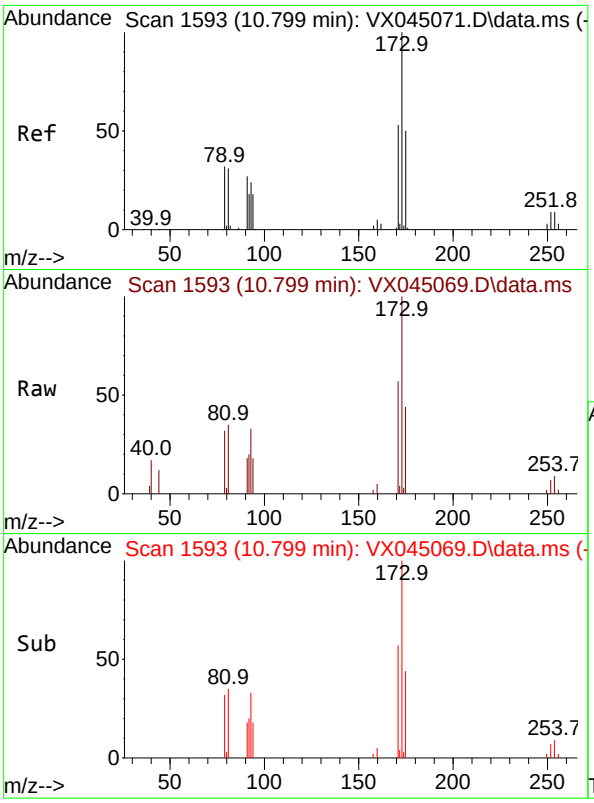


#70
Styrene
Concen: 4.704 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion:104 Resp: 18278

Ion	Ratio	Lower	Upper
104	100		
78	51.7	42.2	63.4
103	55.3	43.8	65.8

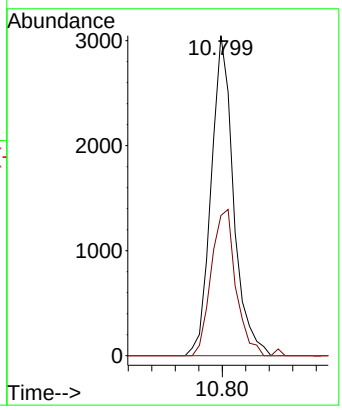




#71
Bromoform
Concen: 4.541 ug/l
RT: 10.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion:173 Resp: 402

Ion	Ratio	Lower	Upper
173	100		
175	50.1	24.6	73.6
254	0.0	0.0	0.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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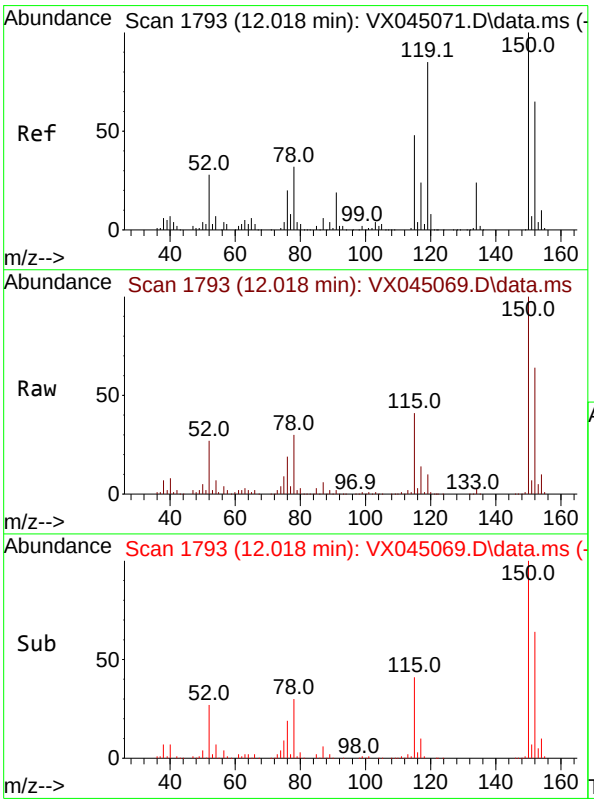
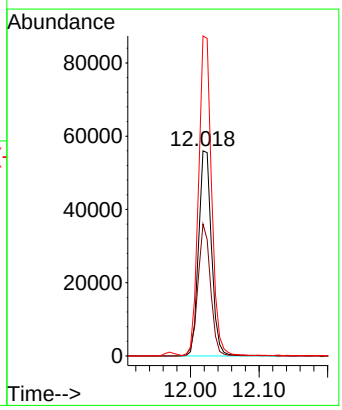
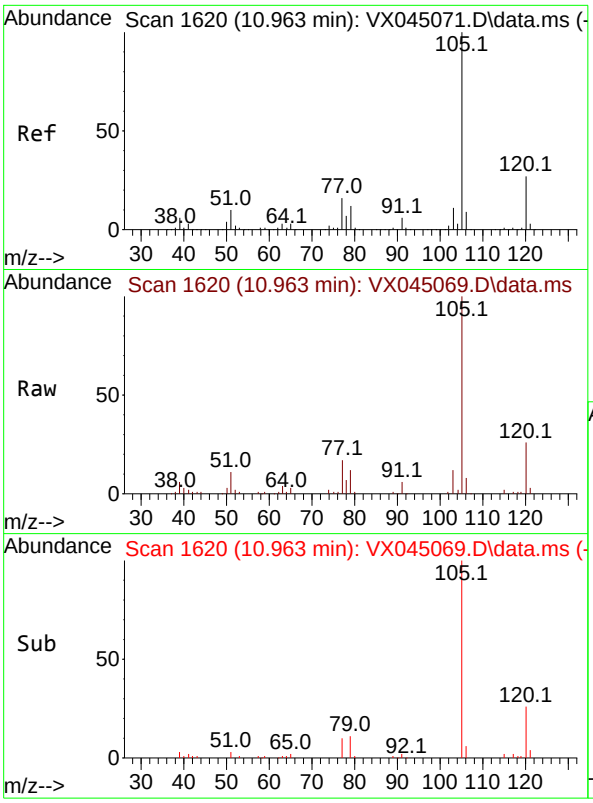


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion:152 Resp: 73591

Ion	Ratio	Lower	Upper
152	100		
115	62.6	44.2	132.6
150	156.2	0.0	349.0

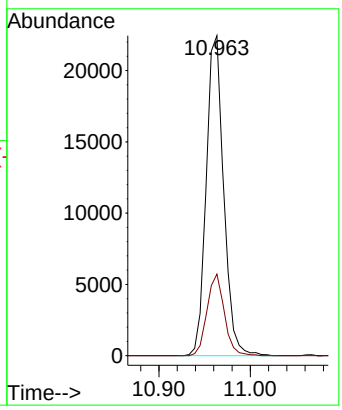




#73
Isopropylbenzene
Concen: 4.991 ug/l
RT: 10.963 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion:105 Resp: 2968

Ion	Ratio	Lower	Upper
105	100		
120	25.3	13.2	39.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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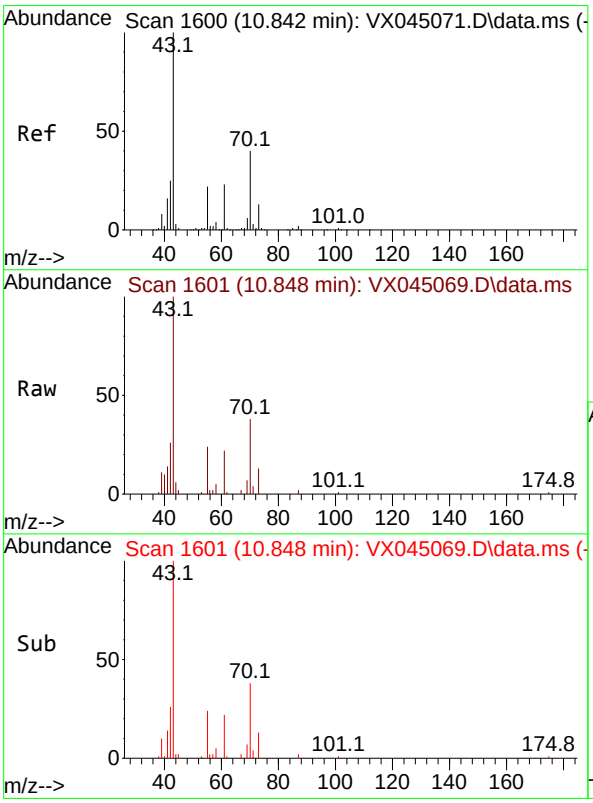
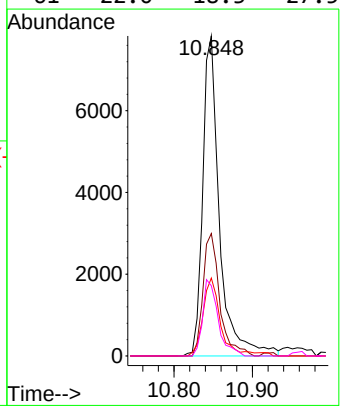
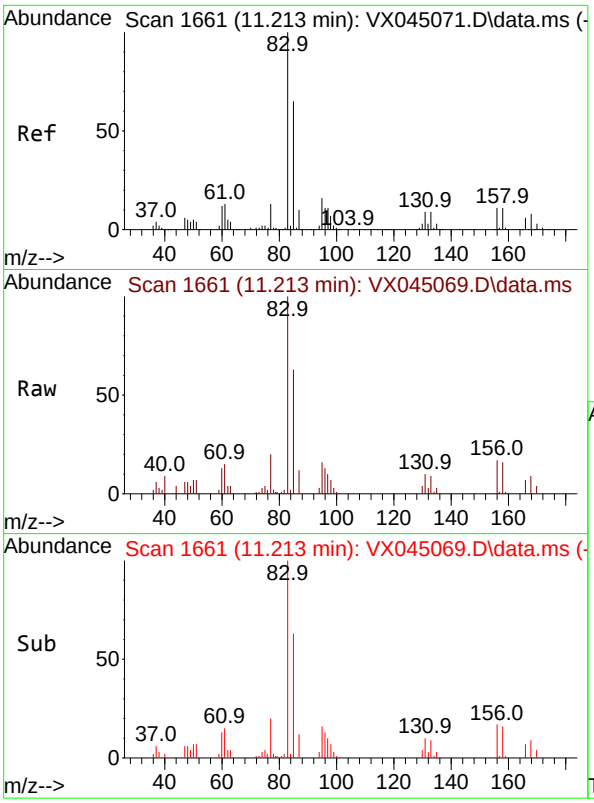


#74
N-amyl acetate
Concen: 4.300 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 43 Resp: 11609

Ion	Ratio	Lower	Upper
43	100		
70	38.1	31.8	47.6
55	25.9	18.3	27.5
61	22.0	18.3	27.5

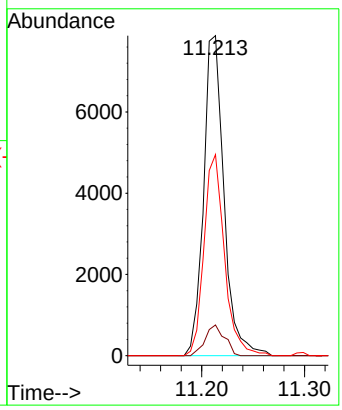




#75
1,1,2,2-Tetrachloroethane
Concen: 5.310 ug/l
RT: 11.213 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 83 Resp: 1088

Ion	Ratio	Lower	Upper
83	100		
131	9.2	4.5	13.4
85	63.1	31.7	95.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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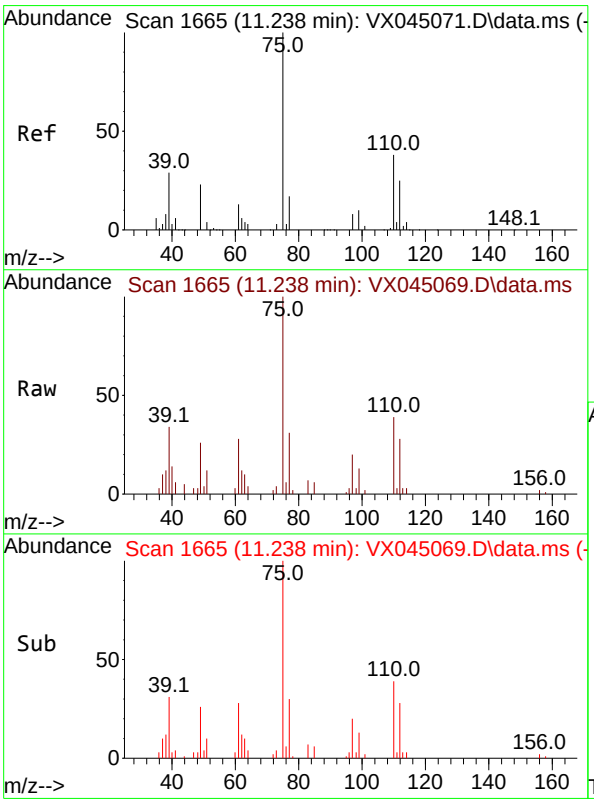
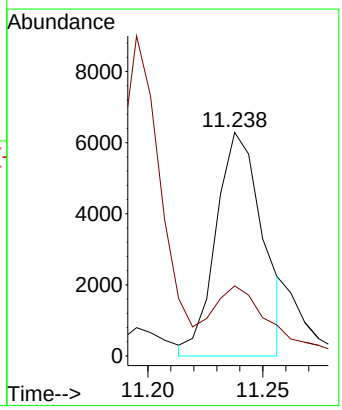
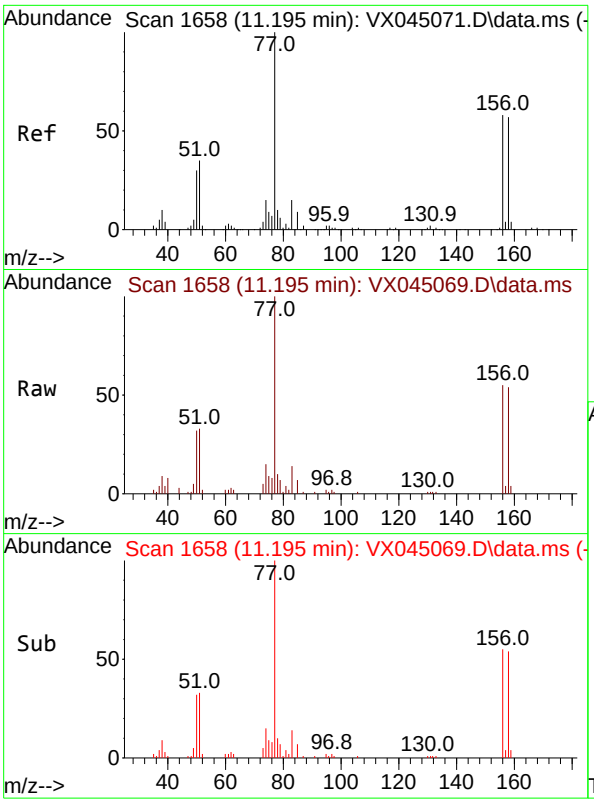


#76
1,2,3-Trichloropropane
Concen: 5.384 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 75 Resp: 8839

Ion	Ratio	Lower	Upper
75	100		
77	39.8	20.7	62.1

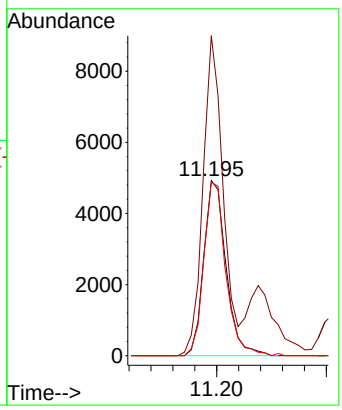




#77
Bromobenzene
Concen: 5.163 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion:156 Resp: 697

Ion	Ratio	Lower	Upper
156	100		
77	163.3	85.8	257.4
158	97.8	48.4	145.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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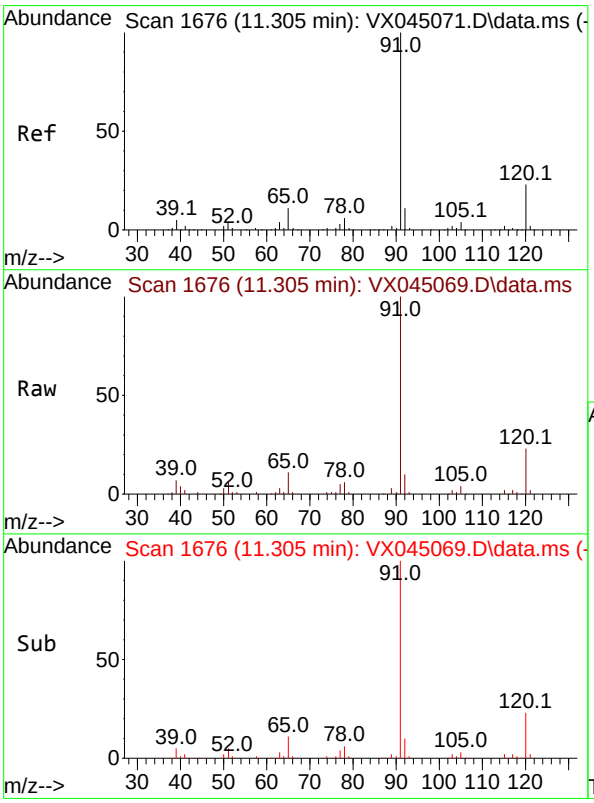
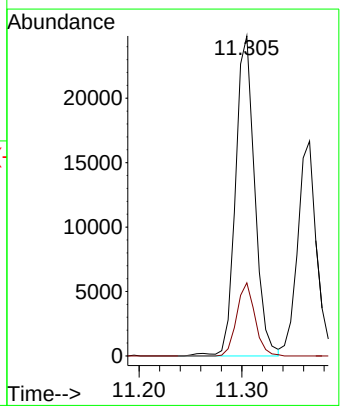
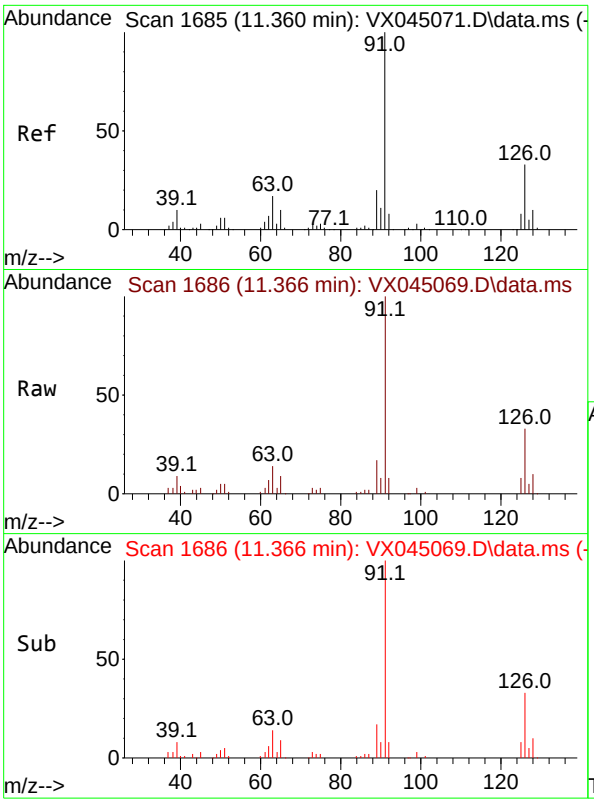


#78
n-propylbenzene
Concen: 4.694 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 91 Resp: 32196

Ion	Ratio	Lower	Upper
91	100		
120	21.7	11.2	33.6

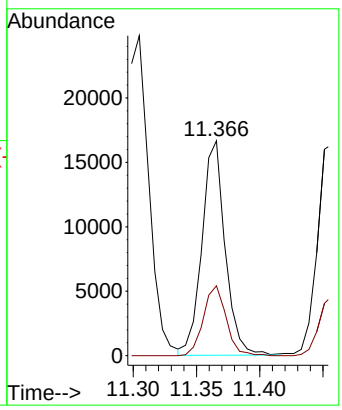




#79
2-Chlorotoluene
Concen: 5.048 ug/l
RT: 11.366 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 91 Resp: 2125

Ion	Ratio	Lower	Upper
91	100		
126	32.0	16.4	49.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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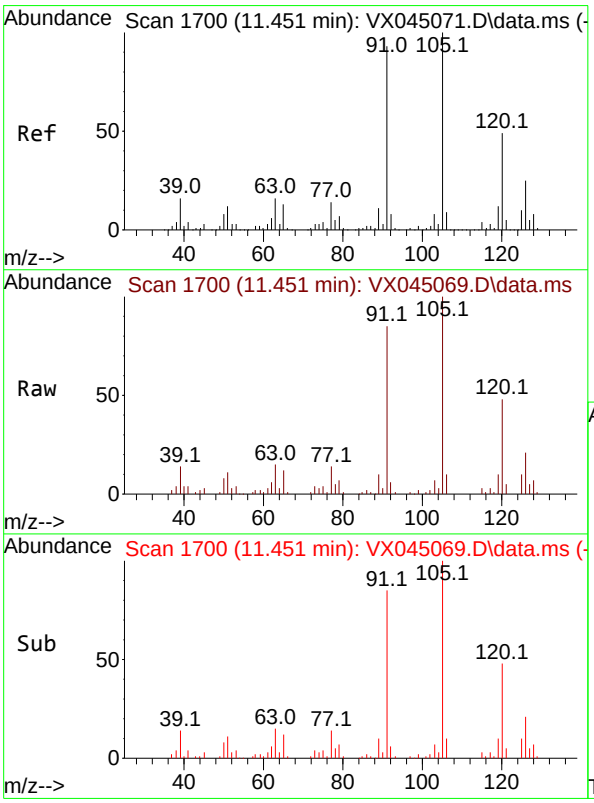
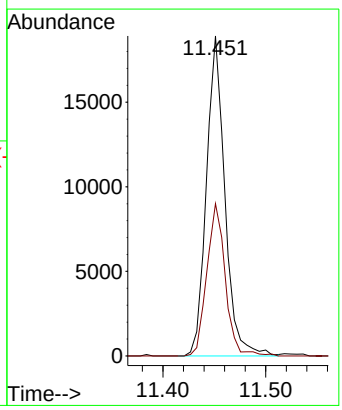
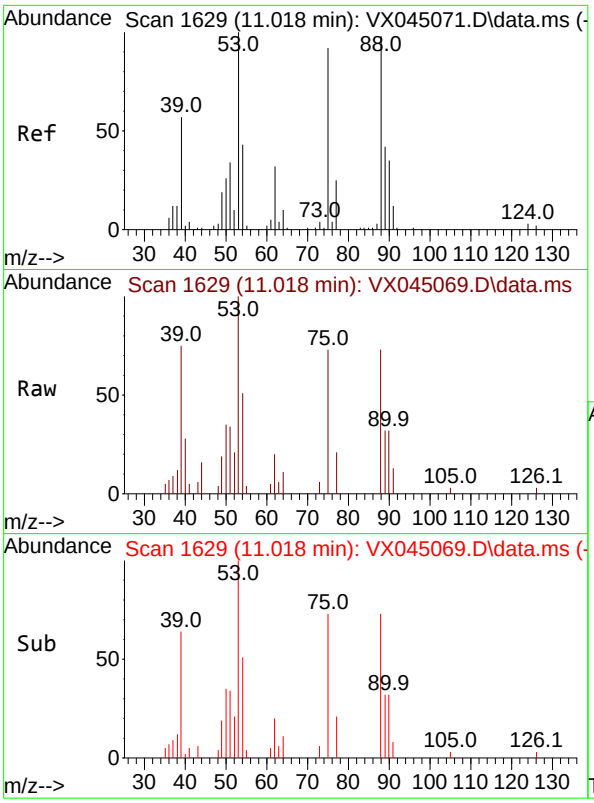


#80
1,3,5-Trimethylbenzene
Concen: 4.897 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion:105 Resp: 23627

Ion	Ratio	Lower	Upper
105	100		
120	47.6	24.1	72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 3.256 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 75 Resp: 197

Ion	Ratio	Lower	Upper
75	100		
53	134.1	88.5	132.7#
89	43.4	36.2	54.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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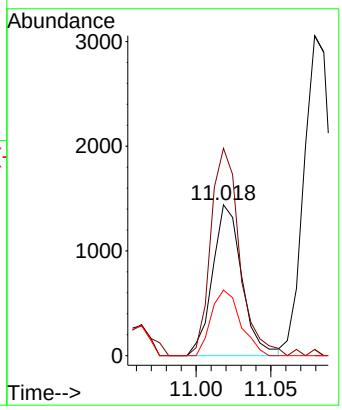
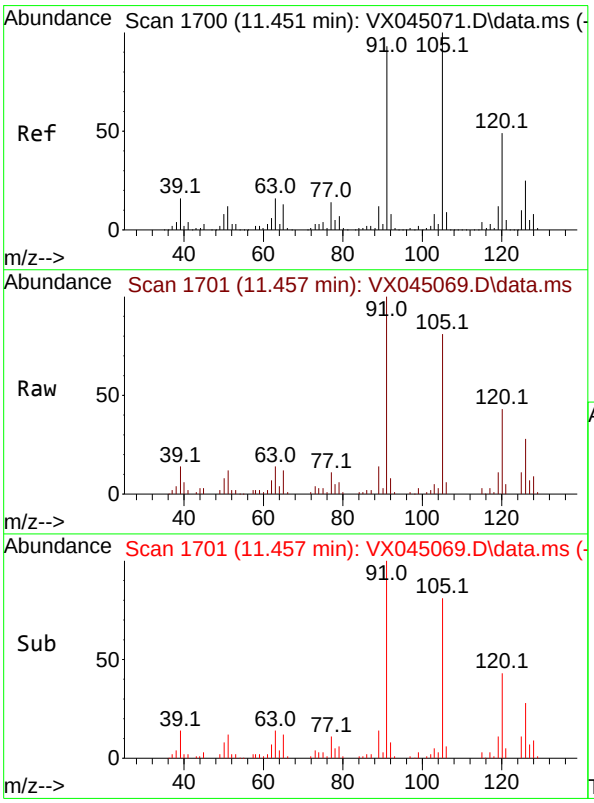
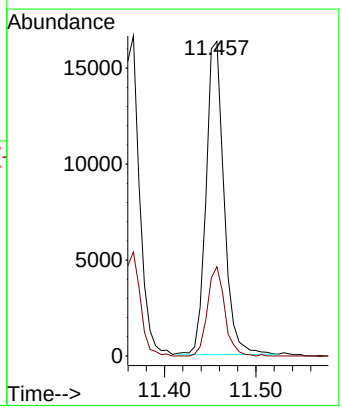


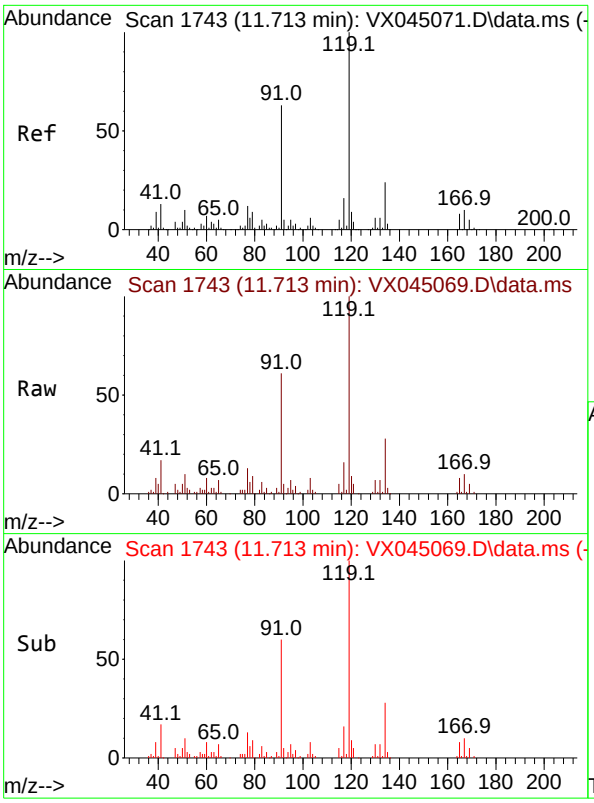


#82
4-Chlorotoluene
Concen: 4.761 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 91 Resp: 22190

Ion	Ratio	Lower	Upper
91	100		
126	27.3	14.1	42.4

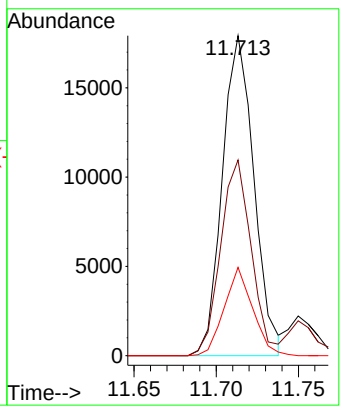




#83
tert-Butylbenzene
Concen: 4.910 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion:119 Resp: 2396

Ion	Ratio	Lower	Upper
119	100		
91	59.5	30.7	92.1
134	24.9	11.7	35.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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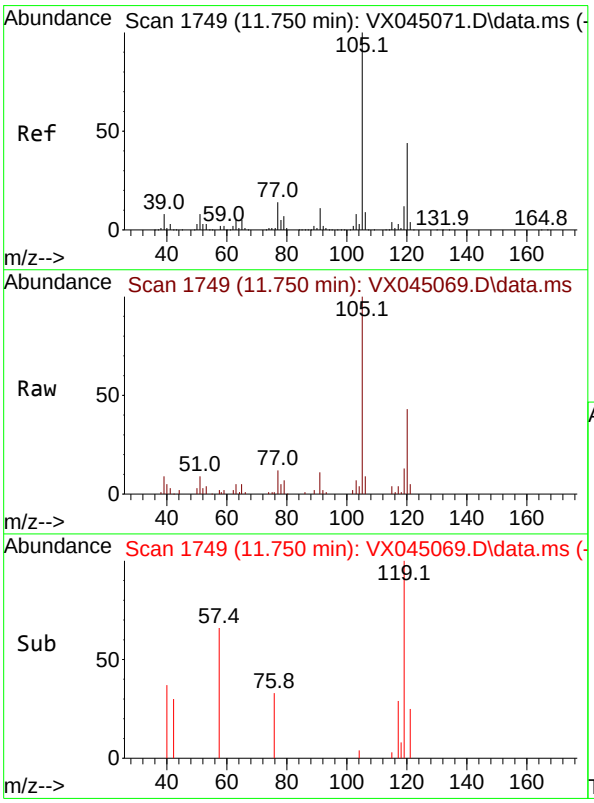
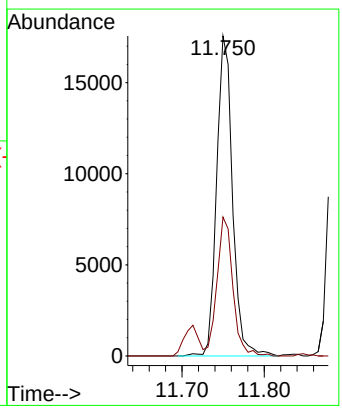
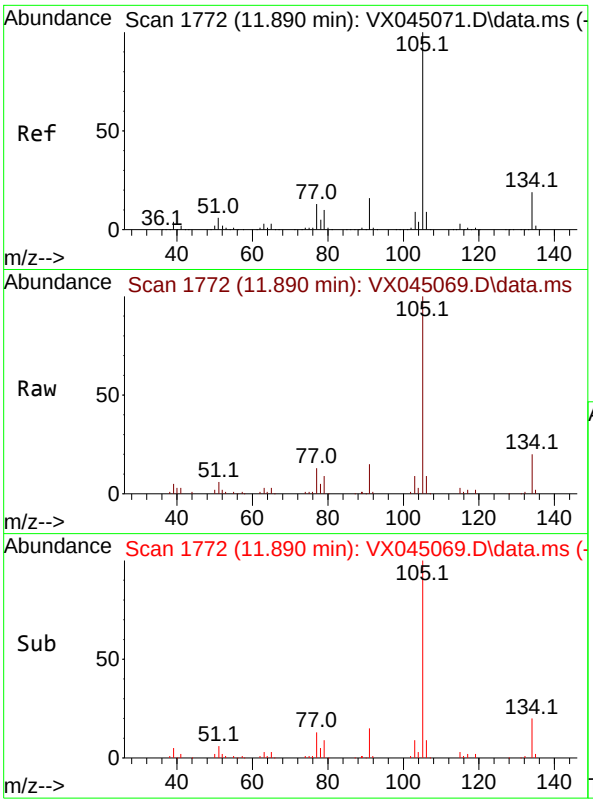


#84
1,2,4-Trimethylbenzene
Concen: 4.960 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion:105 Resp: 23561

Ion	Ratio	Lower	Upper
105	100		
120	43.4	22.1	66.1





#85
sec-Butylbenzene
Concen: 4.687 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion:105 Resp: 2831

Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.8	29.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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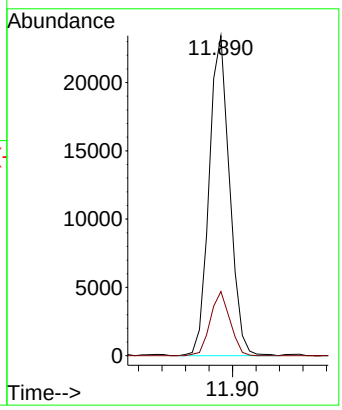
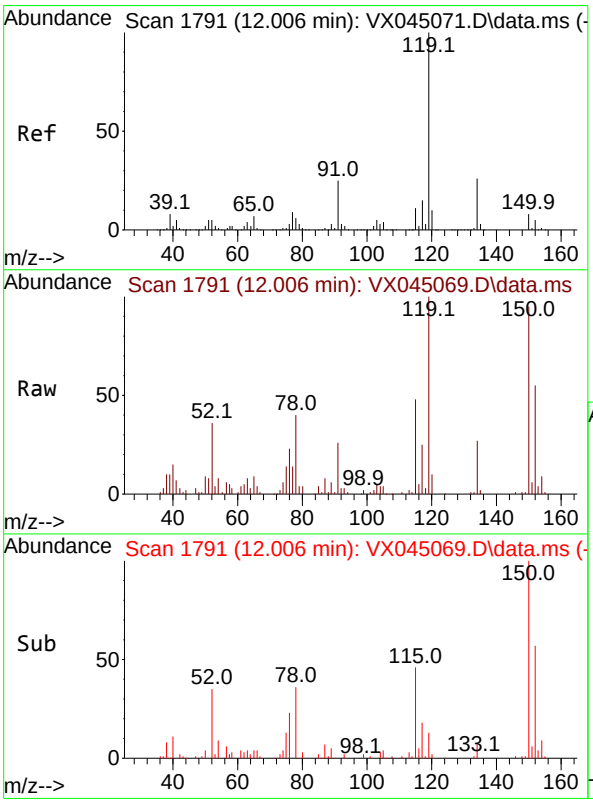
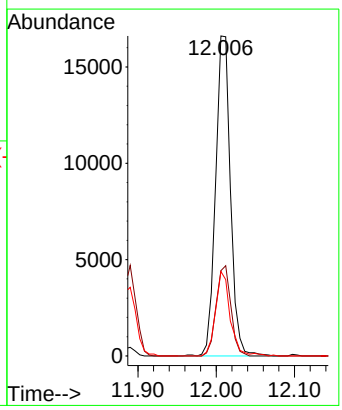


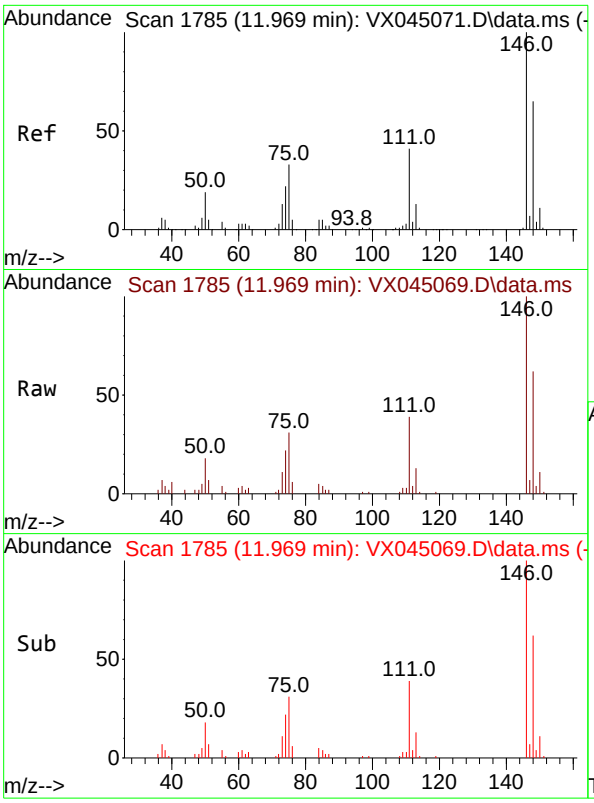


#86
p-Isopropyltoluene
Concen: 4.532 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion:119 Resp: 21977

Ion	Ratio	Lower	Upper
119	100		
134	27.9	12.9	38.6
91	26.1	12.7	38.0

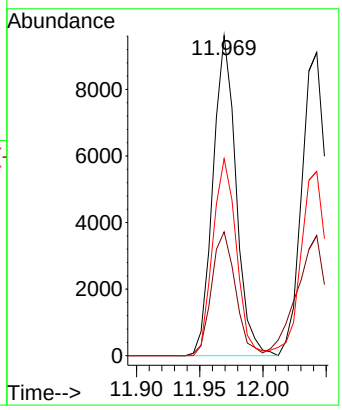




#87
1,3-Dichlorobenzene
Concen: 4.926 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion:146 Resp: 1215

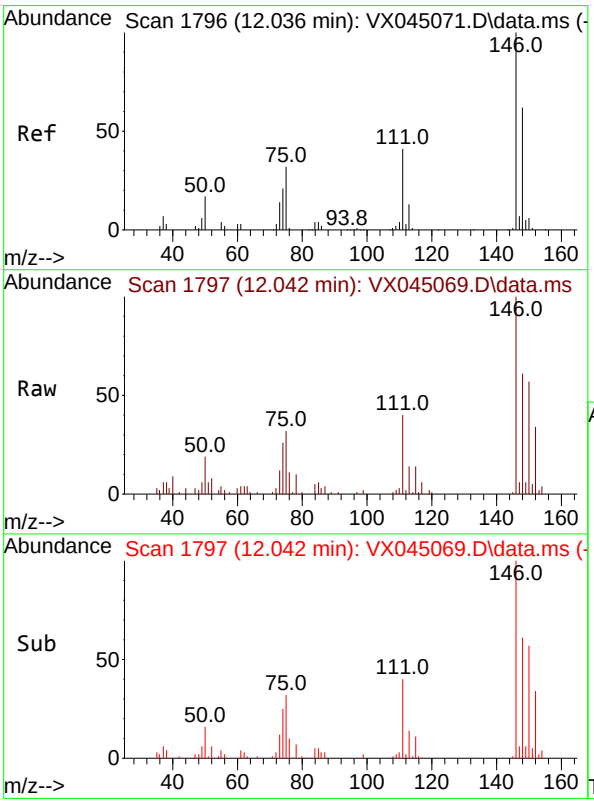
Ion	Ratio	Lower	Upper
146	100		
111	40.5	21.1	63.4
148	62.9	31.9	95.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

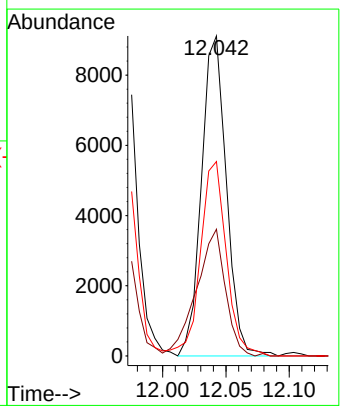
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

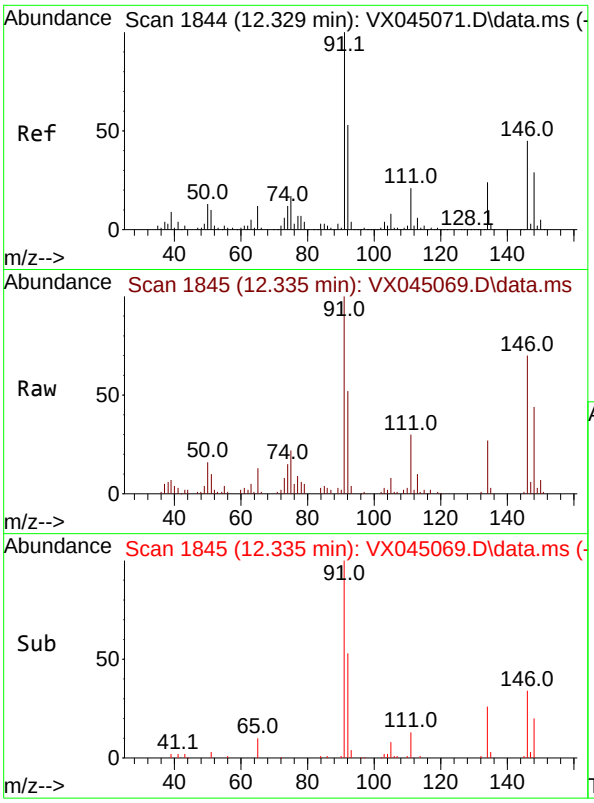


#88
1,4-Dichlorobenzene
Concen: 5.014 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion:146 Resp: 12526

Ion	Ratio	Lower	Upper
146	100		
111	46.2	20.2	60.5
148	63.5	31.9	95.9

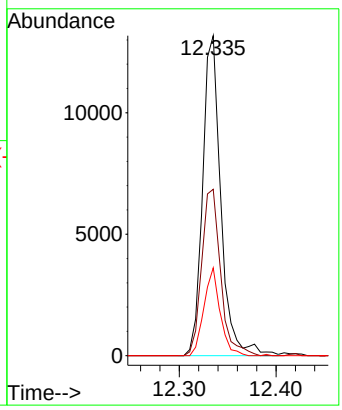




#89
n-Butylbenzene
Concen: 4.072 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 91 Resp: 1735

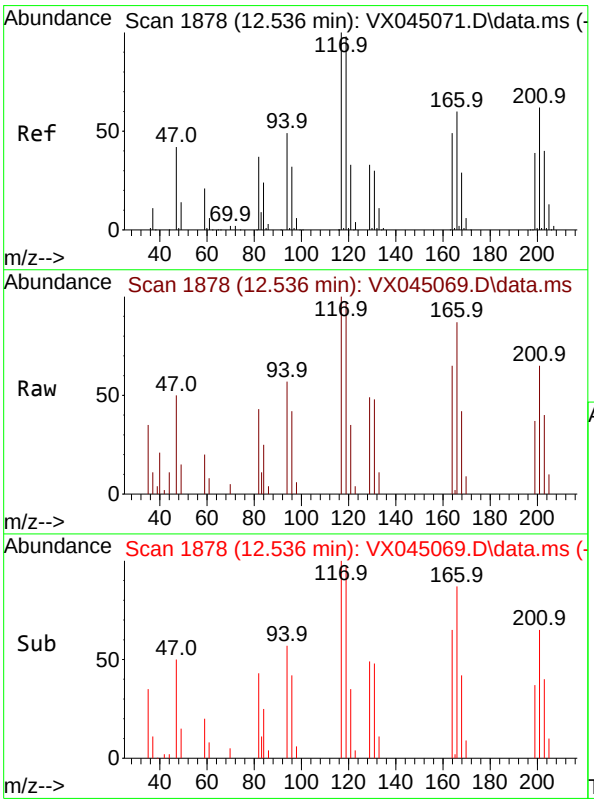
Ion	Ratio	Lower	Upper
91	100		
92	53.9	26.7	80.0
134	24.4	12.2	36.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

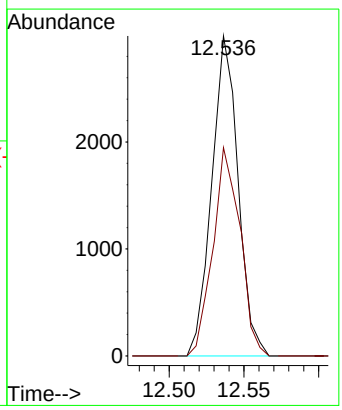
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

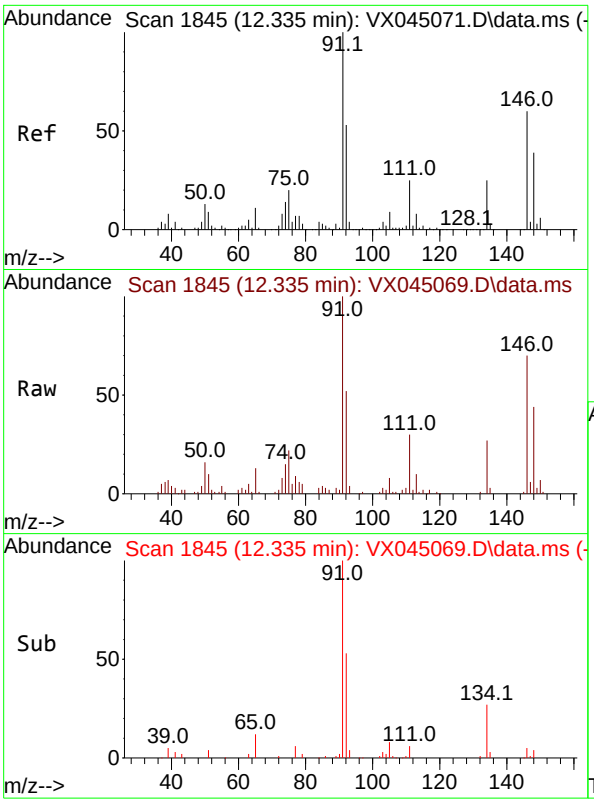


#90
Hexachloroethane
Concen: 4.052 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion:117 Resp: 3665

Ion	Ratio	Lower	Upper
117	100		
201	67.1	31.9	95.9

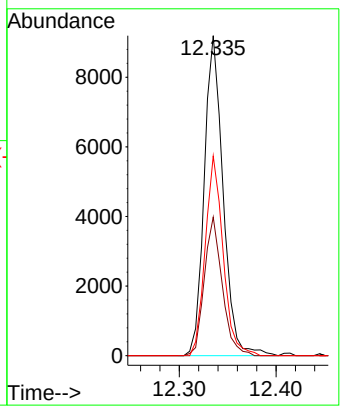




#91
1,2-Dichlorobenzene
Concen: 5.138 ug/l
RT: 12.335 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion:146 Resp: 1247

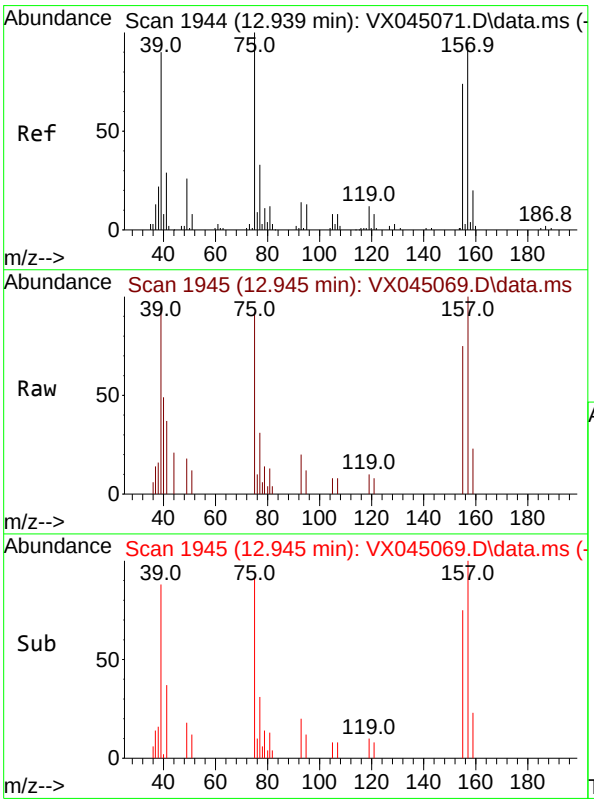
Ion	Ratio	Lower	Upper
146	100		
111	41.2	21.6	65.0
148	59.4	31.9	95.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

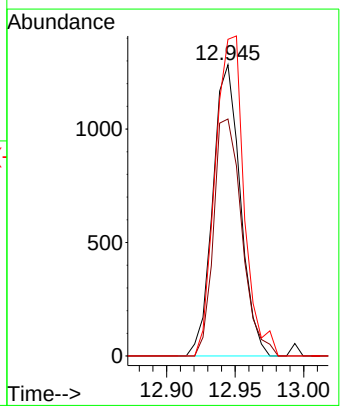
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

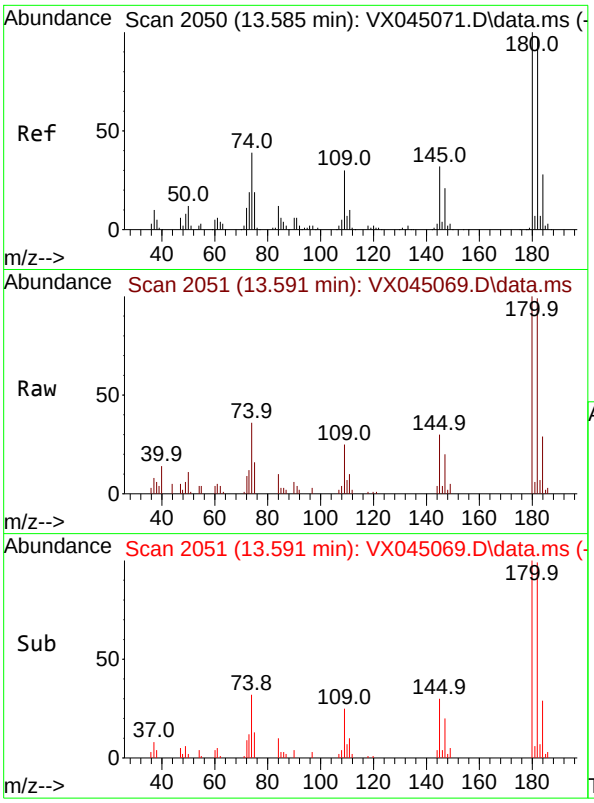


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.712 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 75 Resp: 1787

Ion	Ratio	Lower	Upper
75	100		
155	83.8	39.6	118.7
157	115.4	51.1	153.4

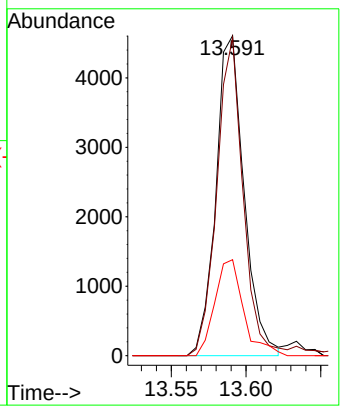




#93
1,2,4-Trichlorobenzene
Concen: 4.114 ug/l
RT: 13.591 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion:180 Resp: 604

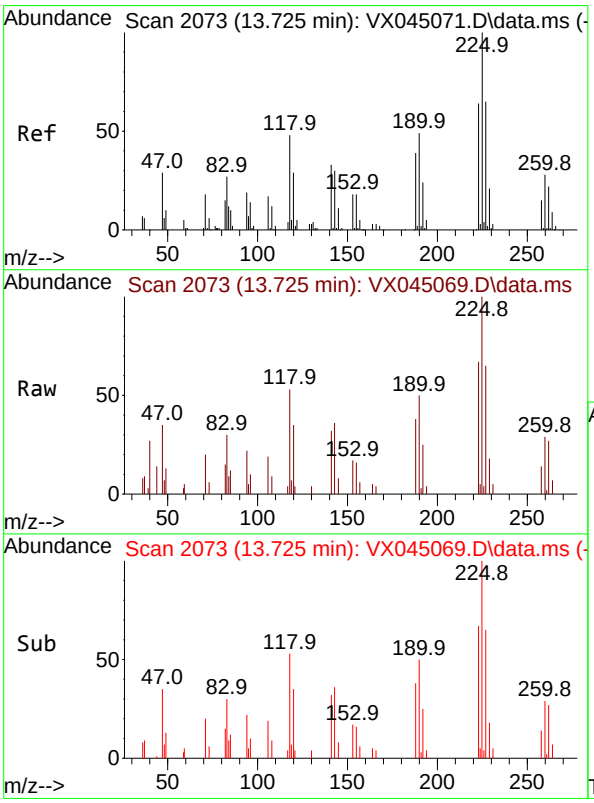
Ion	Ratio	Lower	Upper
180	100		
182	92.4	47.3	141.9
145	30.6	16.3	48.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

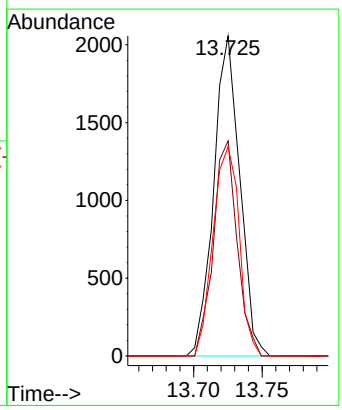
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

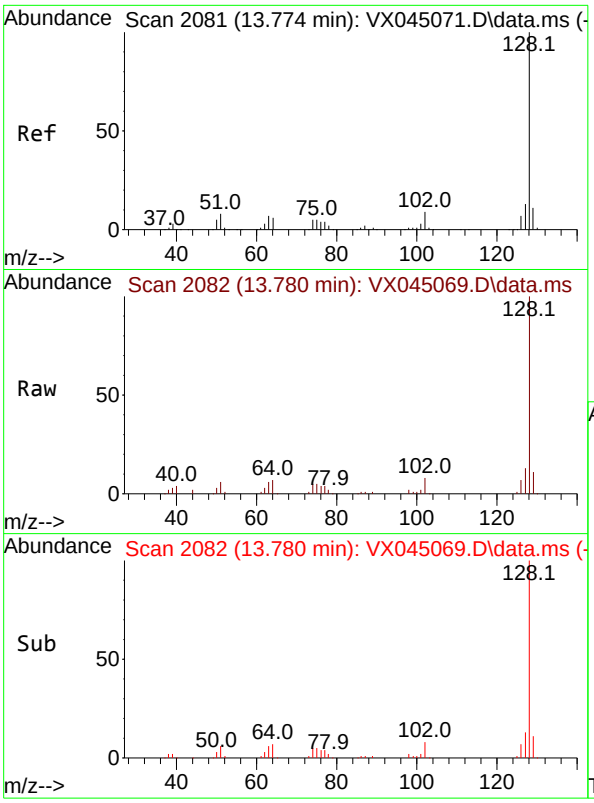


#94
Hexachlorobutadiene
Concen: 4.640 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion:225 Resp: 2716

Ion	Ratio	Lower	Upper
225	100		
223	61.8	31.9	95.7
227	65.5	31.4	94.0

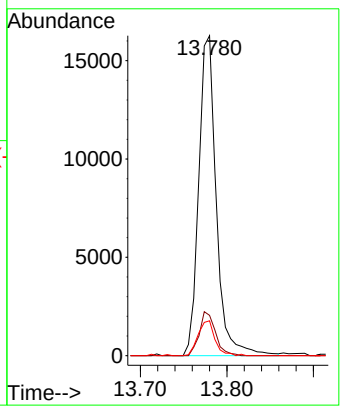




#95
Naphthalene
Concen: 4.287 ug/l
RT: 13.780 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion:128 Resp: 2292

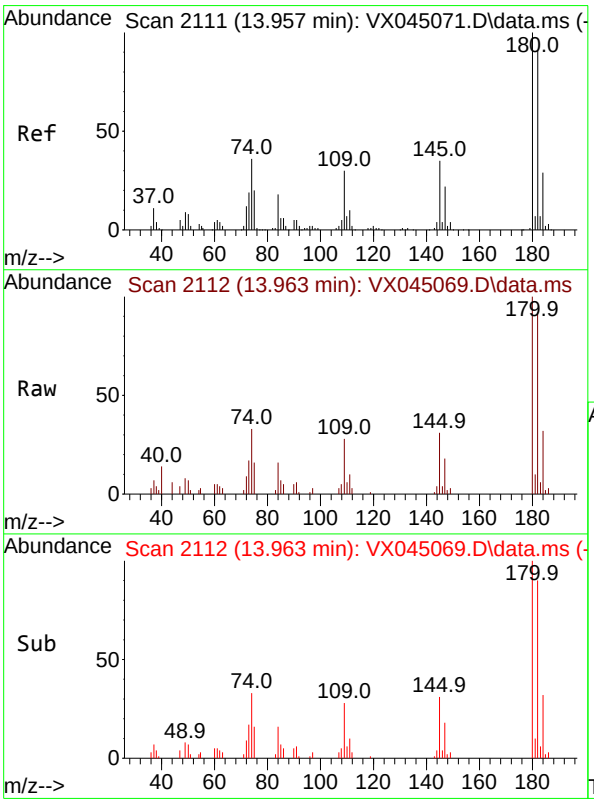
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	10.6	8.7	13.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

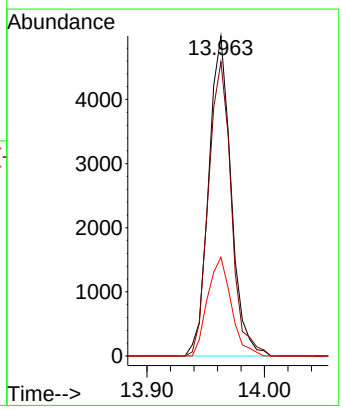
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#96
1,2,3-Trichlorobenzene
Concen: 4.437 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion:180 Resp: 6600

Ion	Ratio	Lower	Upper
180	100		
182	93.3	47.5	142.6
145	32.6	17.0	50.9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045070.D
Acq On : 28 Feb 2025 02:37
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 28 05:33:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.543	168	97338	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	177403	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	157714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	70072	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	30514	21.221	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 42.440%#			
35) Dibromofluoromethane	5.385	113	23739	20.473	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 40.940%#			
50) Toluene-d8	8.646	98	84516	19.469	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 38.940%#			
62) 4-Bromofluorobenzene	11.079	95	27856	19.215	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 38.420%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	25155	18.750	ug/l	95
3) Chloromethane	1.306	50	32219	19.736	ug/l	99
4) Vinyl Chloride	1.373	62	30134	18.899	ug/l	97
5) Bromomethane	1.593	94	11584	23.239	ug/l	99
6) Chloroethane	1.660	64	14237	23.457	ug/l	99
7) Trichlorofluoromethane	1.867	101	40880	20.015	ug/l	99
8) Diethyl Ether	2.135	74	15911	21.437	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.312	101	23154	18.984	ug/l	98
10) Methyl Iodide	2.440	142	29500	18.867	ug/l	100
11) Tert butyl alcohol	2.983	59	31246	118.627	ug/l	98
12) 1,1-Dichloroethene	2.306	96	23810	19.014	ug/l	97
13) Acrolein	2.239	56	33586	117.747	ug/l	99
14) Allyl chloride	2.654	41	42993	19.096	ug/l	100
15) Acrylonitrile	3.068	53	84182	117.598	ug/l	100
16) Acetone	2.385	43	74701	126.257	ug/l	99
17) Carbon Disulfide	2.501	76	61802	18.139	ug/l	99
18) Methyl Acetate	2.709	43	35157	19.729	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	82833	20.689	ug/l	96
20) Methylene Chloride	2.782	84	29281	20.895	ug/l	94
21) trans-1,2-Dichloroethene	3.080	96	23471	19.057	ug/l	97
22) Diisopropyl ether	3.763	45	90378	20.995	ug/l	93
23) Vinyl Acetate	3.721	43	381808	108.038	ug/l	99
24) 1,1-Dichloroethane	3.605	63	49826	20.716	ug/l	99
25) 2-Butanone	4.562	43	118713	124.449	ug/l	97
26) 2,2-Dichloropropane	4.470	77	22886	12.799	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	29788	20.065	ug/l	99
28) Bromochloromethane	4.891	49	23869	20.579	ug/l	99
29) Tetrahydrofuran	5.007	42	77433	122.519	ug/l	99
30) Chloroform	5.086	83	49751	21.147	ug/l	97
31) Cyclohexane	5.464	56	42340	19.181	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	39276	19.831	ug/l	99
36) 1,1-Dichloropropene	5.684	75	31519	18.903	ug/l	99
37) Ethyl Acetate	4.714	43	43097	22.714	ug/l	99
38) Carbon Tetrachloride	5.671	117	31694	19.334	ug/l	97
39) Methylcyclohexane	7.372	83	39769	18.676	ug/l	97
40) Benzene	6.031	78	105787	20.298	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045070.D
Acq On : 28 Feb 2025 02:37
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 28 05:33:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	23924	23.605	ug/l		97
42) 1,2-Dichloroethane	6.086	62	38653	22.886	ug/l		99
43) Isopropyl Acetate	6.348	43	66727	22.094	ug/l		99
44) Trichloroethene	7.122	130	24052	20.191	ug/l		98
45) 1,2-Dichloropropane	7.427	63	27128	20.945	ug/l		99
46) Dibromomethane	7.580	93	19323	21.357	ug/l		97
47) Bromodichloromethane	7.817	83	38038	21.732	ug/l		97
48) Methyl methacrylate	7.695	41	32627	22.757	ug/l		98
49) 1,4-Dioxane	7.665	88	14602	479.170	ug/l		97
51) 4-Methyl-2-Pentanone	8.573	43	229615	124.081	ug/l		98
52) Toluene	8.714	92	63326	20.463	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	30917	17.871	ug/l		97
54) cis-1,3-Dichloropropene	8.366	75	36118	18.675	ug/l		97
55) 1,1,2-Trichloroethane	9.152	97	26358	21.992	ug/l		99
56) Ethyl methacrylate	9.116	69	39850	20.791	ug/l		97
57) 1,3-Dichloropropane	9.305	76	45644	21.836	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	96311	102.342	ug/l		99
59) 2-Hexanone	9.433	43	168768	126.428	ug/l		100
60) Dibromochloromethane	9.518	129	27705	21.668	ug/l		99
61) 1,2-Dibromoethane	9.610	107	26311	21.764	ug/l		98
64) Tetrachloroethene	9.268	164	20140	20.102	ug/l		97
65) Chlorobenzene	10.079	112	68777	20.316	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.158	131	22508	20.627	ug/l		97
67) Ethyl Benzene	10.189	91	119165	19.905	ug/l		100
68) m/p-Xylenes	10.299	106	89735	40.699	ug/l		98
69) o-Xylene	10.640	106	44281	20.018	ug/l		98
70) Styrene	10.652	104	73832	20.767	ug/l		98
71) Bromoform	10.799	173	17403	21.449	ug/l	#	99
73) Isopropylbenzene	10.963	105	112099	19.794	ug/l		99
74) N-amyl acetate	10.841	43	52972	20.606	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	42413	21.738	ug/l		100
76) 1,2,3-Trichloropropane	11.237	75	33440m	21.394	ug/l		
77) Bromobenzene	11.195	156	26310	20.466	ug/l		99
78) n-propylbenzene	11.305	91	128284	19.641	ug/l		100
79) 2-Chlorotoluene	11.359	91	79275	19.775	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	94545	20.581	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.018	75	8759	15.196	ug/l		96
82) 4-Chlorotoluene	11.451	91	86281	19.443	ug/l		98
83) tert-Butylbenzene	11.713	119	93670	20.159	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	94734	20.943	ug/l		100
85) sec-Butylbenzene	11.890	105	115953	20.160	ug/l		100
86) p-Isopropyltoluene	12.006	119	91554	19.827	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	47934	20.400	ug/l		97
88) 1,4-Dichlorobenzene	12.042	146	46657	19.615	ug/l		99
89) n-Butylbenzene	12.329	91	78135	19.249	ug/l		100
90) Hexachloroethane	12.536	117	15919	18.483	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	48632	21.031	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	7987	22.119	ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	27424	19.617	ug/l		99
94) Hexachlorobutadiene	13.725	225	10934	19.616	ug/l		99
95) Naphthalene	13.774	128	108350	21.279	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	28937	20.432	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045070.D
Acq On : 28 Feb 2025 02:37
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

Quant Time: Feb 28 05:33:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration

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

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

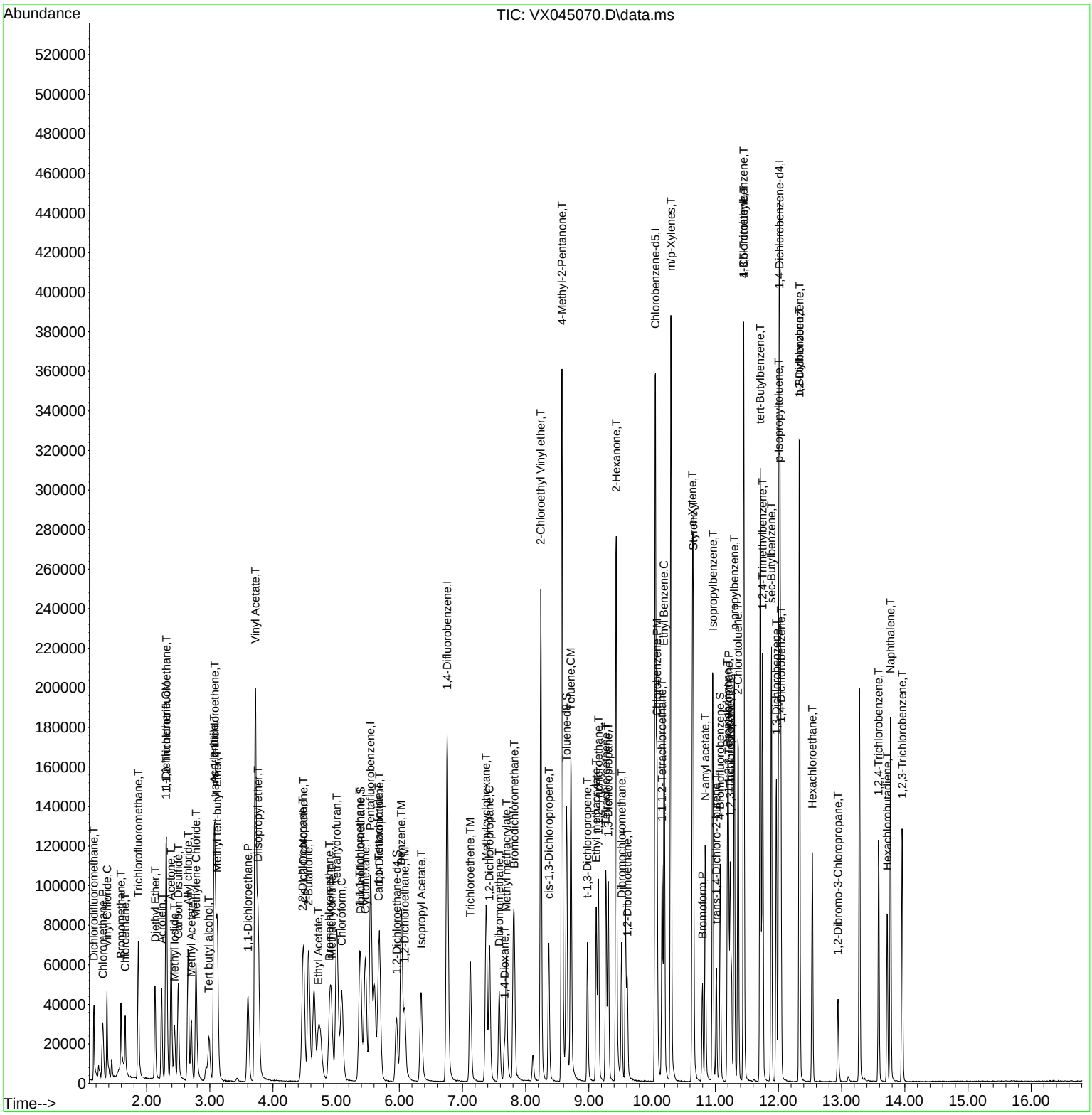
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045070.D
Acq On : 28 Feb 2025 02:37
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

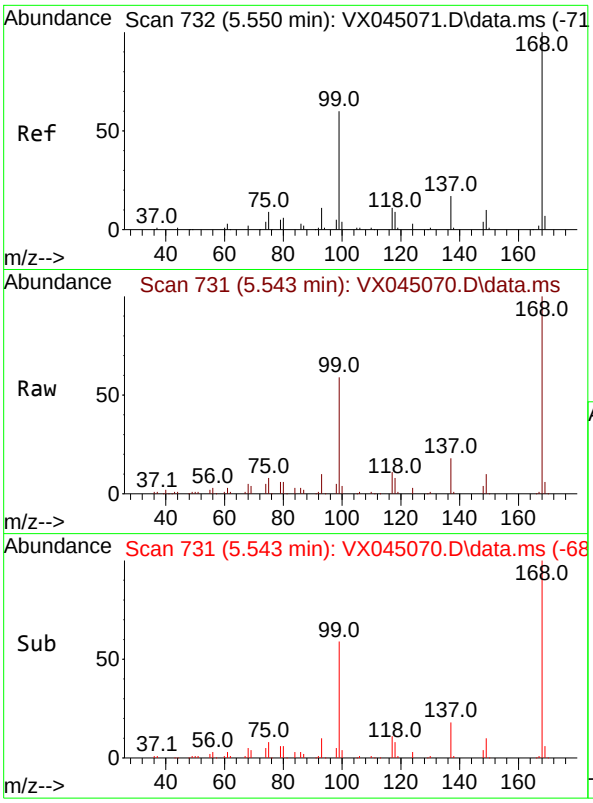
Quant Time: Feb 28 05:33:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

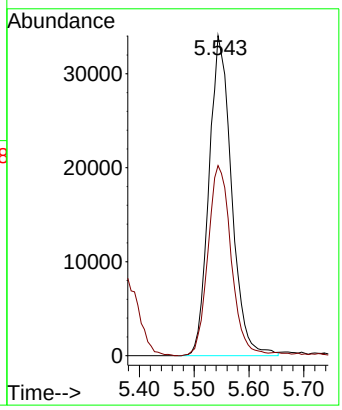




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 7
Delta R.T. -0.007 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion:168 Resp: 9733

Ion	Ratio	Lower	Upper
168	100		
99	59.4	48.2	72.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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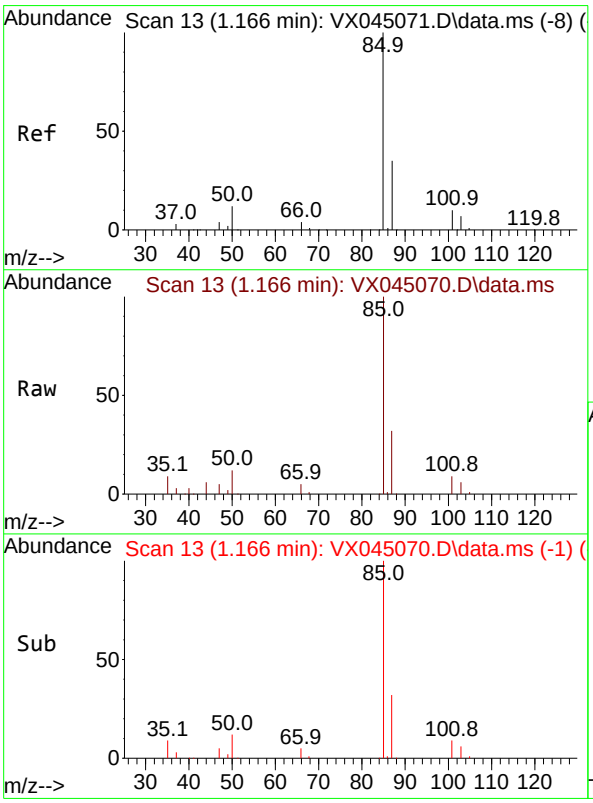
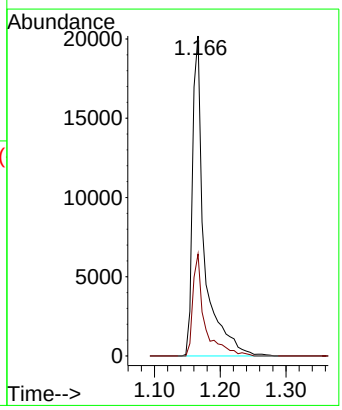
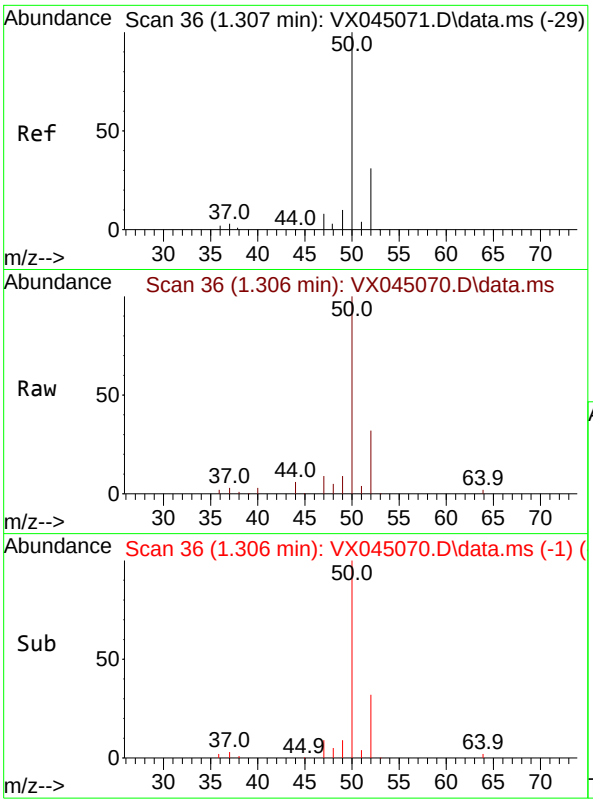


#2
Dichlorodifluoromethane
Concen: 18.750 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 85 Resp: 25155

Ion	Ratio	Lower	Upper
85	100		
87	31.9	17.4	52.3

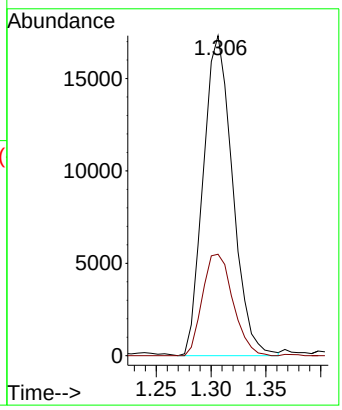




#3
Chloromethane
Concen: 19.736 ug/l
RT: 1.306 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 50 Resp: 3221

Ion	Ratio	Lower	Upper
50	100		
52	31.7	25.0	37.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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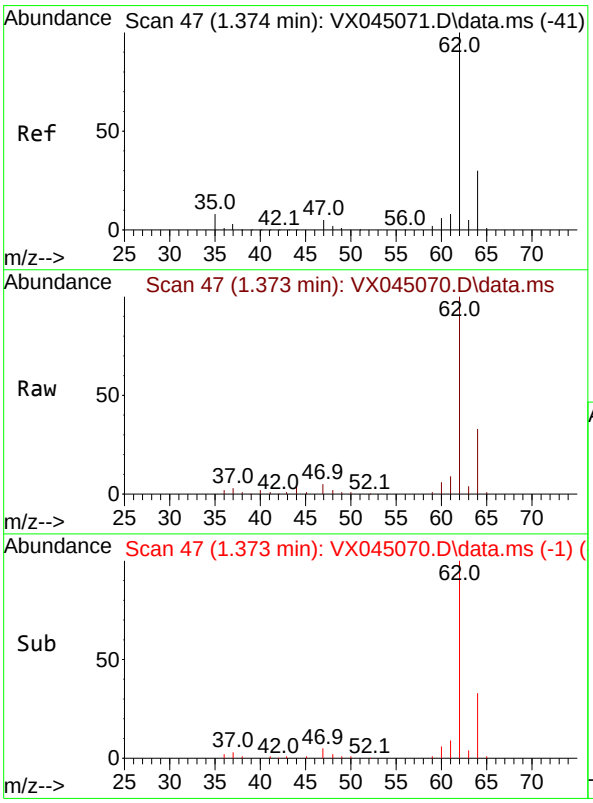
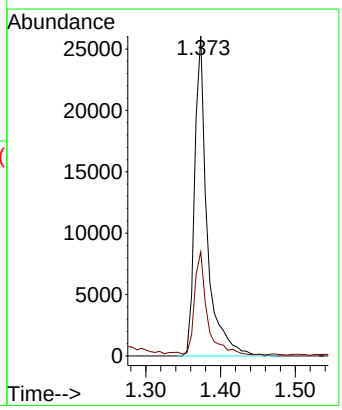
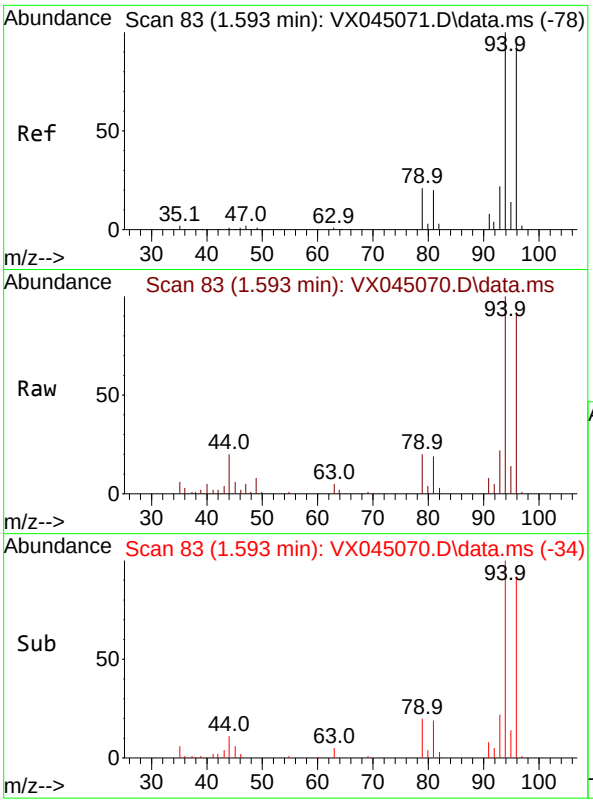


#4
Vinyl Chloride
Concen: 18.899 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 62 Resp: 30134

Ion	Ratio	Lower	Upper
62	100		
64	32.0	24.3	36.5

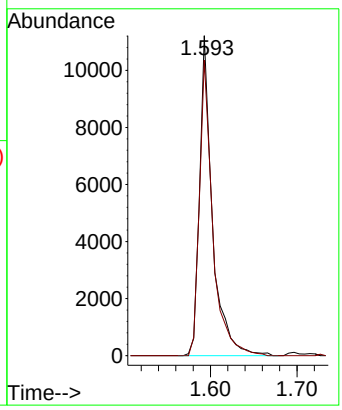




#5
Bromomethane
Concen: 23.239 ug/l
RT: 1.593 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 94 Resp: 1158

Ion	Ratio	Lower	Upper
94	100		
96	92.4	75.0	112.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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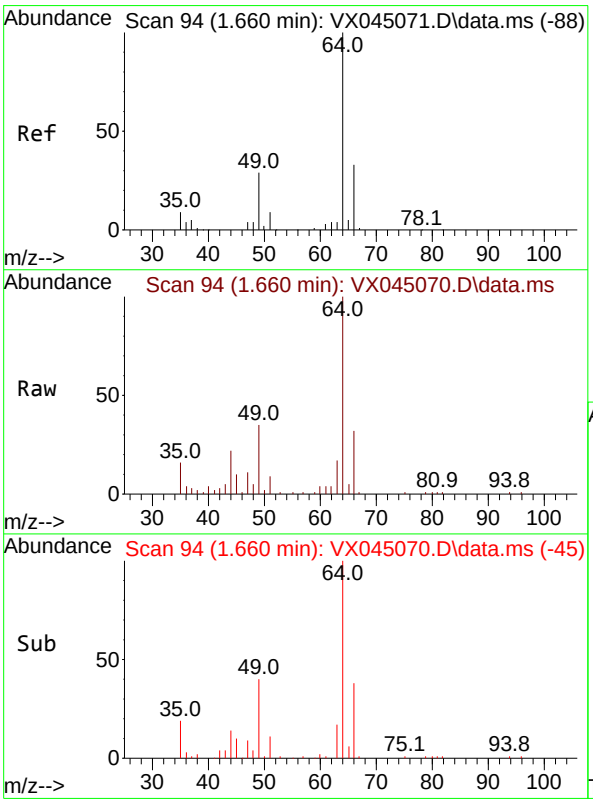
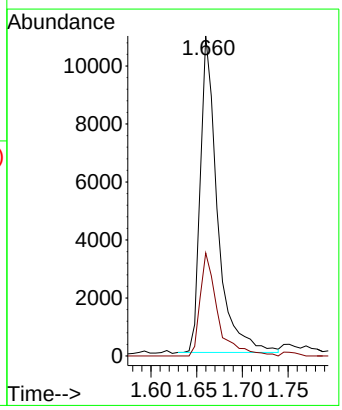
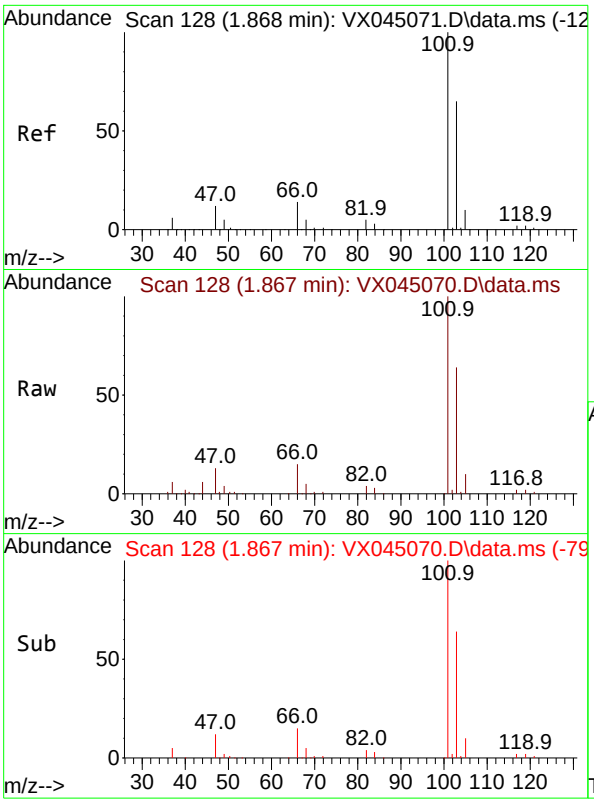


#6
Chloroethane
Concen: 23.457 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 64 Resp: 14237

Ion	Ratio	Lower	Upper
64	100		
66	32.6	26.7	40.1

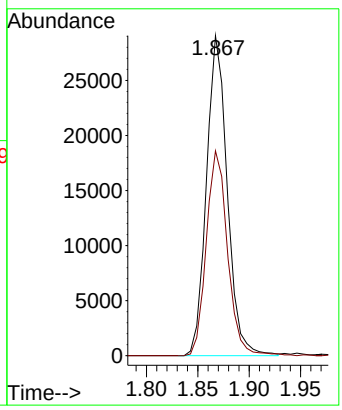




#7
Trichlorofluoromethane
Concen: 20.015 ug/l
RT: 1.867 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion:101 Resp: 4088

Ion	Ratio	Lower	Upper
101	100		
103	64.0	52.1	78.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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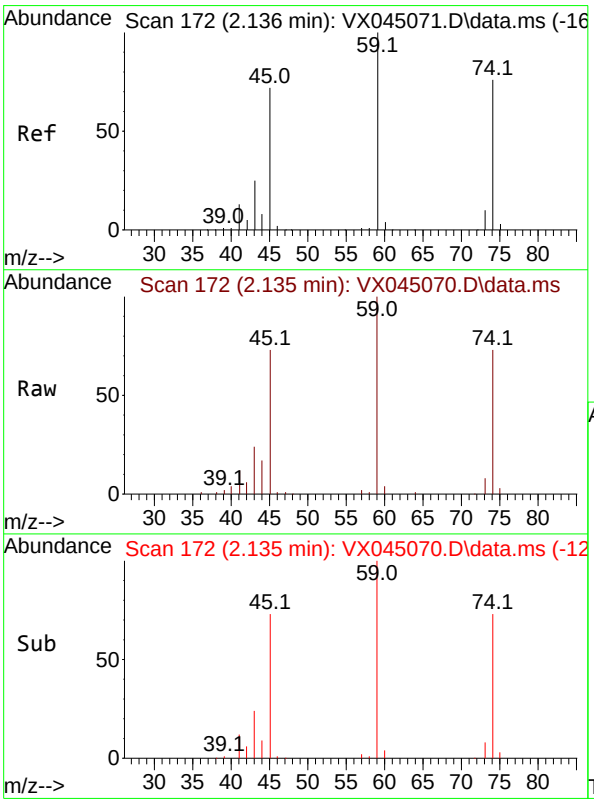
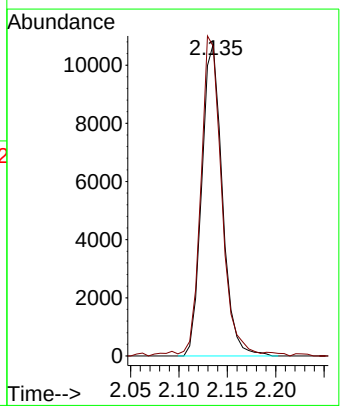
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

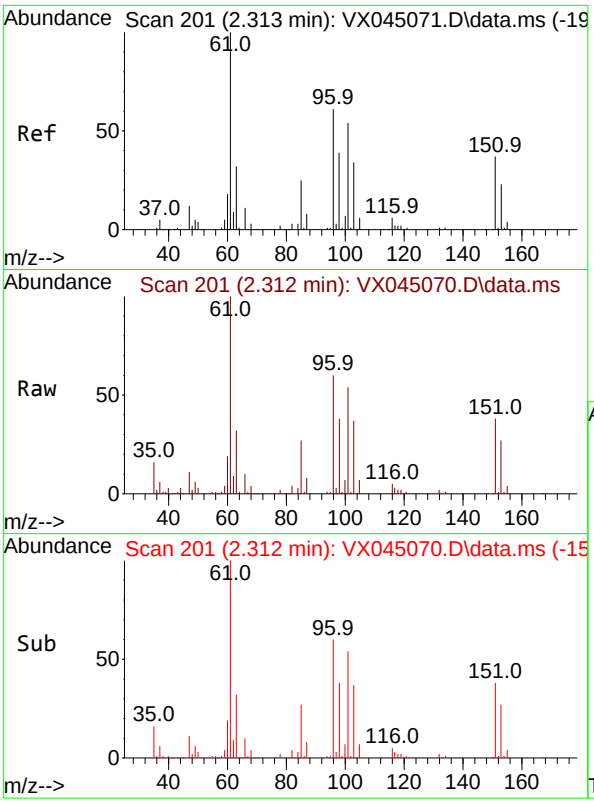


#8
Diethyl Ether
Concen: 21.437 ug/l
RT: 2.135 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 74 Resp: 15911

Ion	Ratio	Lower	Upper
74	100		
45	105.3	51.5	154.5

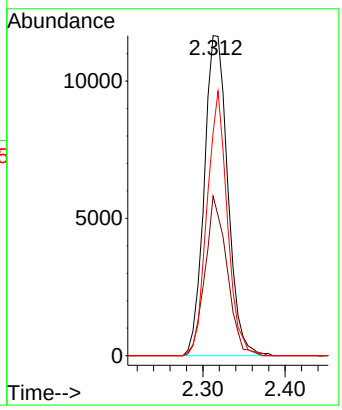




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.984 ug/l
RT: 2.312 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion:101 Resp: 2315

Ion	Ratio	Lower	Upper
101	100		
85	46.5	36.2	54.4
151	71.8	56.4	84.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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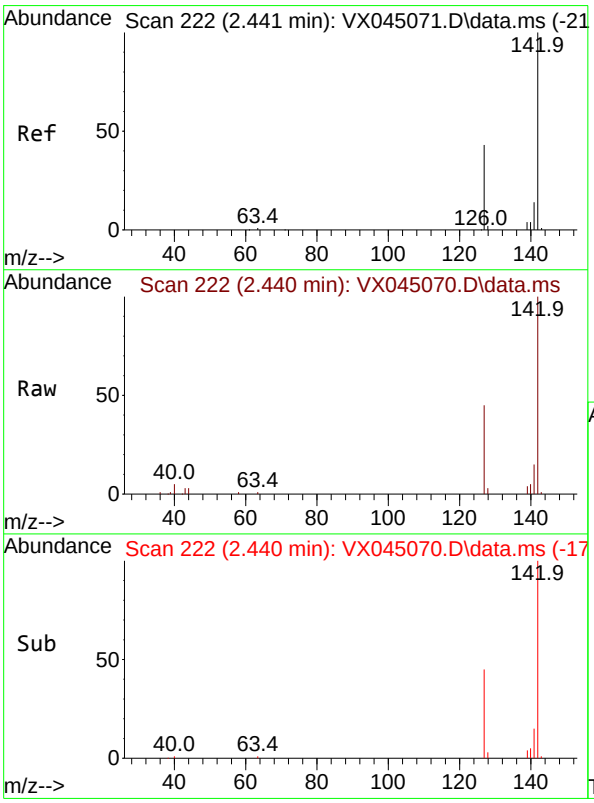
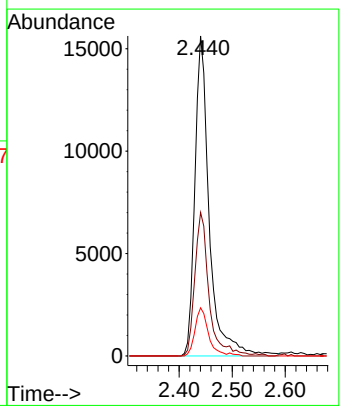
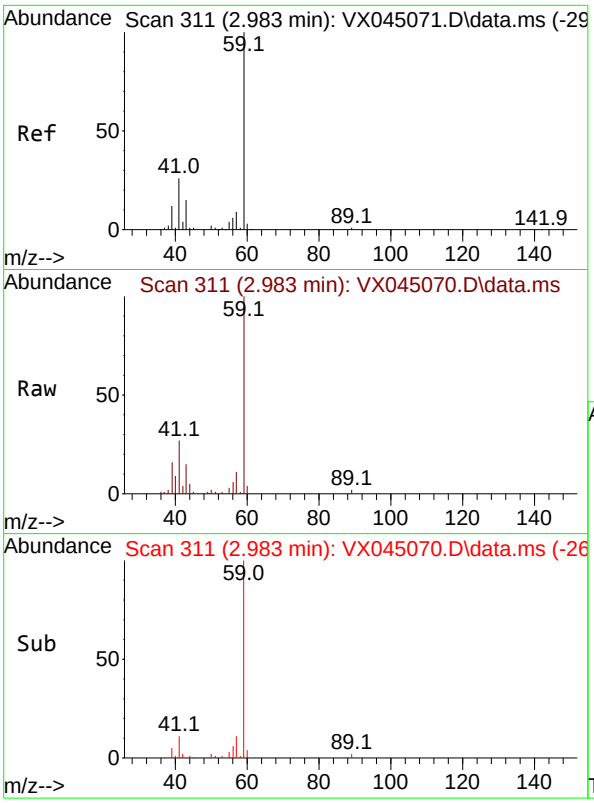


#10
Methyl Iodide
Concen: 18.867 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion:142 Resp: 29500

Ion	Ratio	Lower	Upper
142	100		
127	44.2	35.4	53.2
141	14.3	11.6	17.4

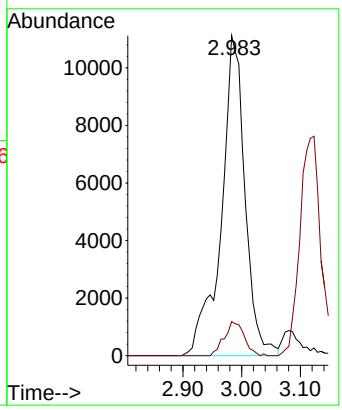




#11
Tert butyl alcohol
Concen: 118.627 ug/l
RT: 2.983 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 59 Resp: 3124

Ion	Ratio	Lower	Upper
59	100		
57	8.9	7.8	11.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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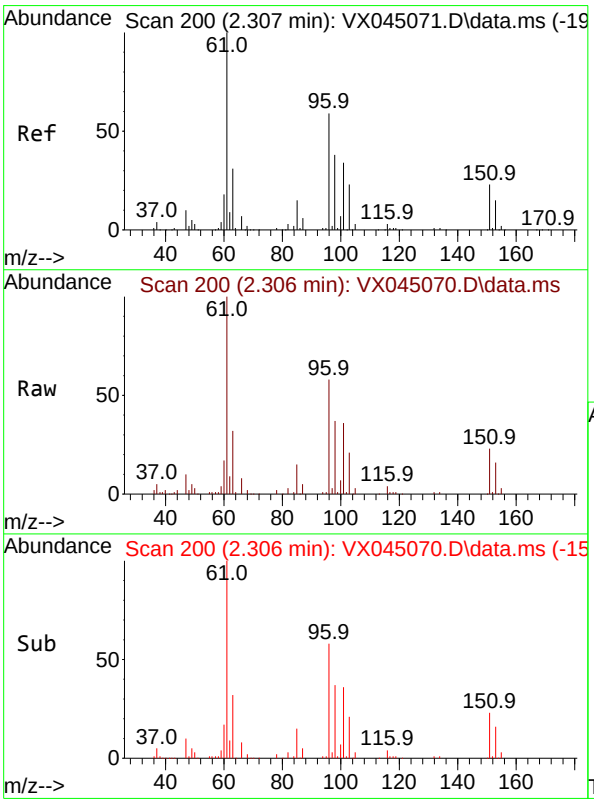
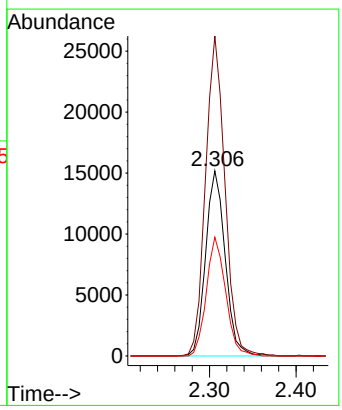
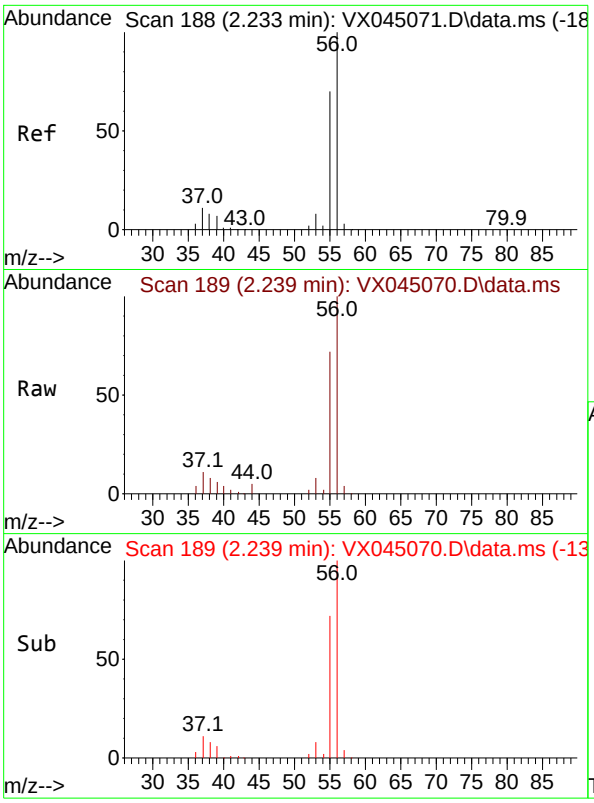


#12
1,1-Dichloroethene
Concen: 19.014 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 96 Resp: 23810

Ion	Ratio	Lower	Upper
96	100		
61	172.8	134.6	202.0
98	64.1	51.0	76.6

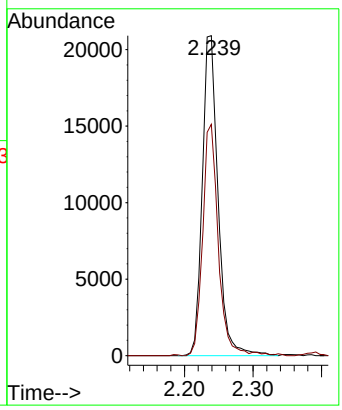




#13
Acrolein
Concen: 117.747 ug/l
RT: 2.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 56 Resp: 3358

Ion	Ratio	Lower	Upper
56	100		
55	71.4	56.2	84.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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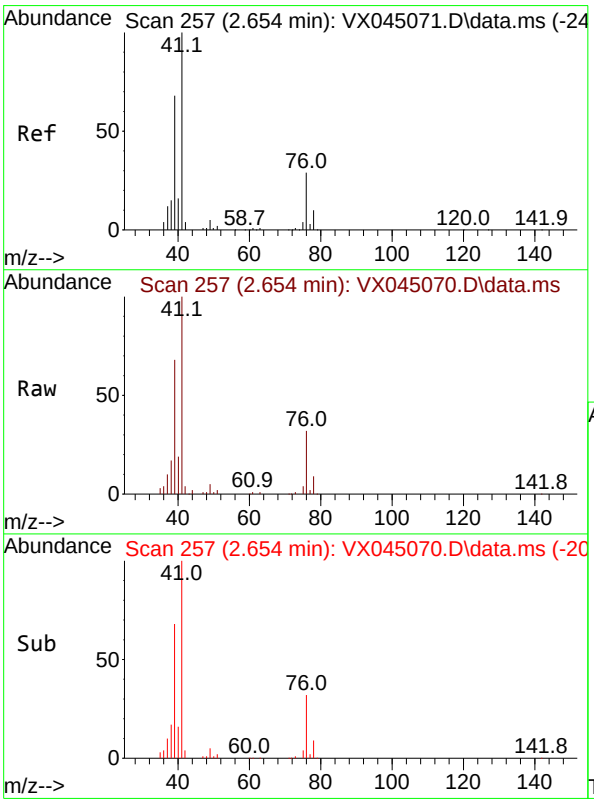
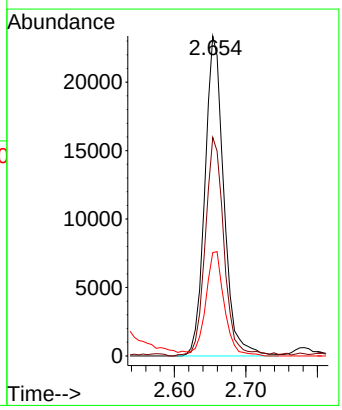
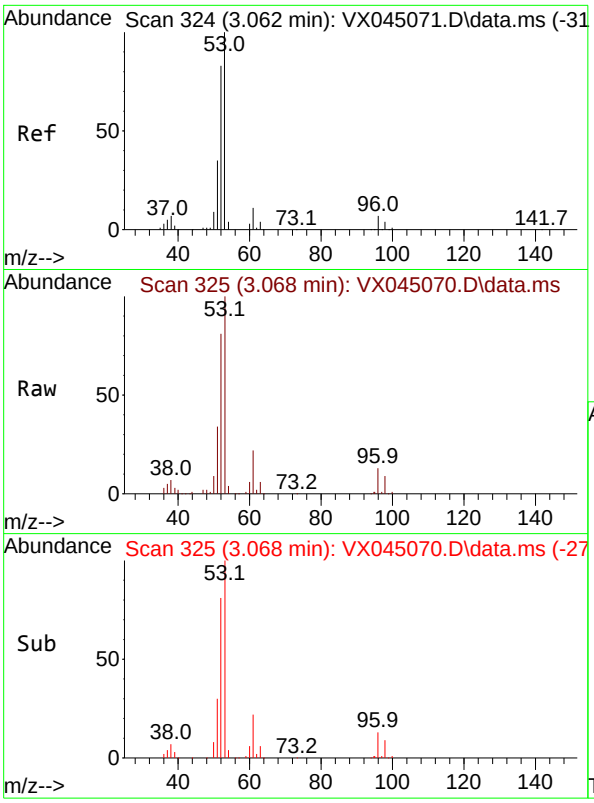


#14
Allyl chloride
Concen: 19.096 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 41 Resp: 42993

Ion	Ratio	Lower	Upper
41	100		
39	67.4	53.8	80.8
76	32.1	25.2	37.8

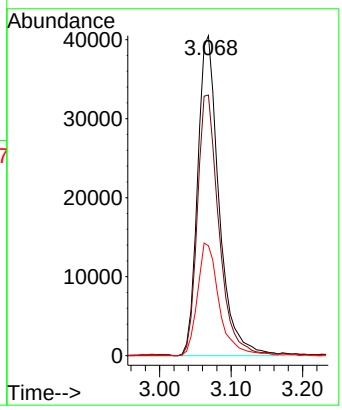




#15
Acrylonitrile
Concen: 117.598 ug/l
RT: 3.068 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 53 Resp: 8418

Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.2	99.2
51	36.0	29.0	43.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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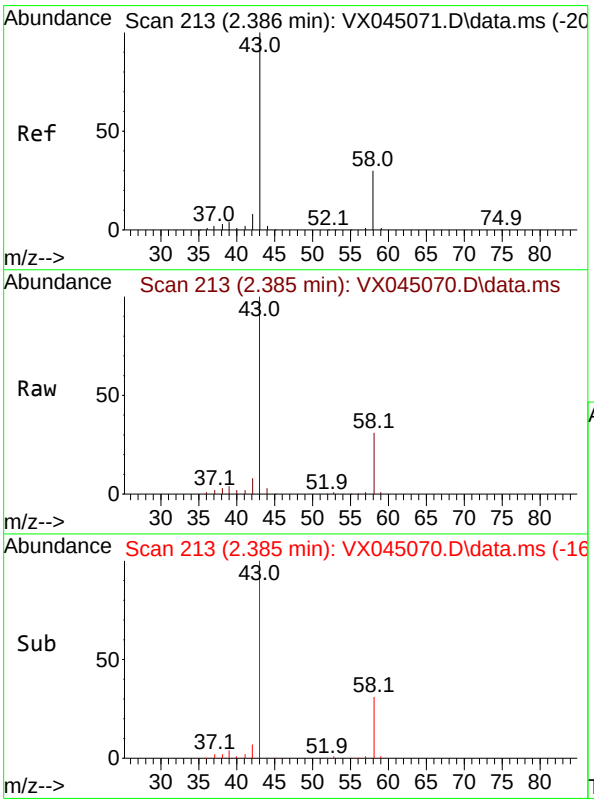
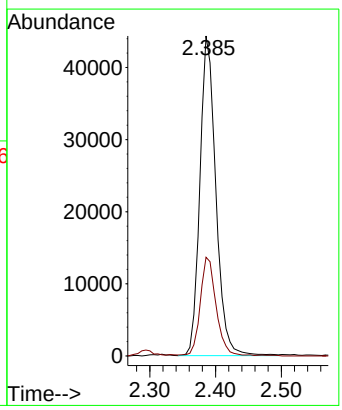
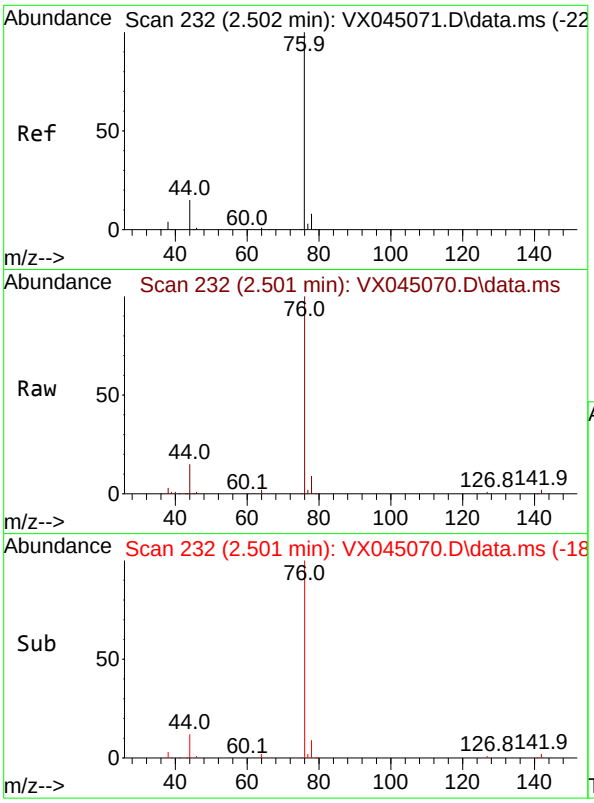


#16
Acetone
Concen: 126.257 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 43 Resp: 74701

Ion	Ratio	Lower	Upper
43	100		
58	30.7	24.2	36.4

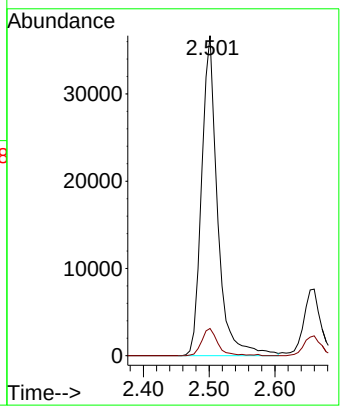




#17
Carbon Disulfide
Concen: 18.139 ug/l
RT: 2.501 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 76 Resp: 6180

Ion	Ratio	Lower	Upper
76	100		
78	8.5	6.6	9.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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Reviewed By :John Carlone 02/28/2025
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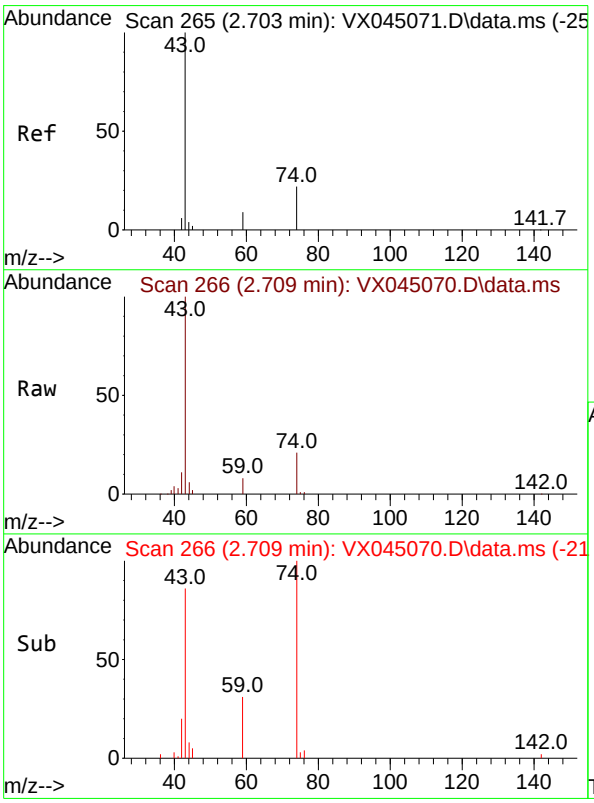
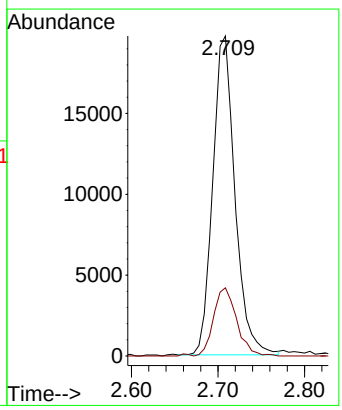
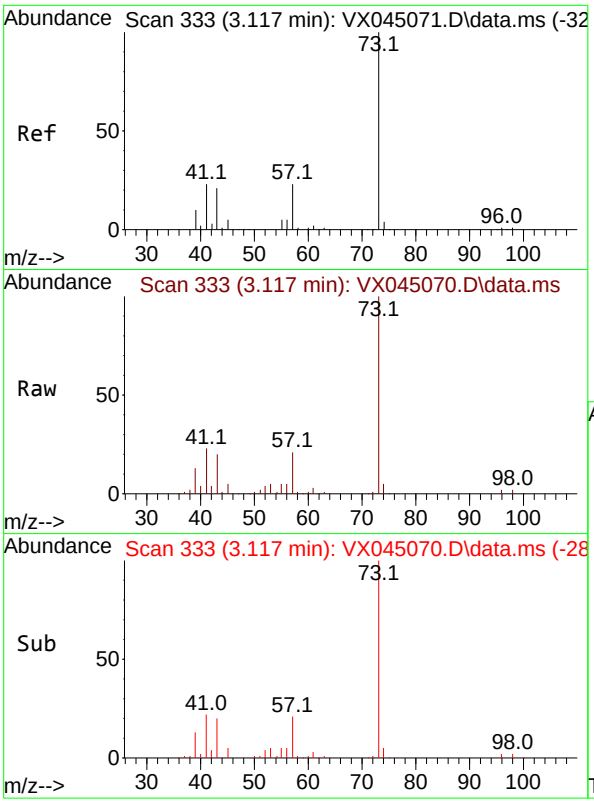


#18
Methyl Acetate
Concen: 19.729 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 43 Resp: 35157

Ion	Ratio	Lower	Upper
43	100		
74	22.2	17.4	26.2

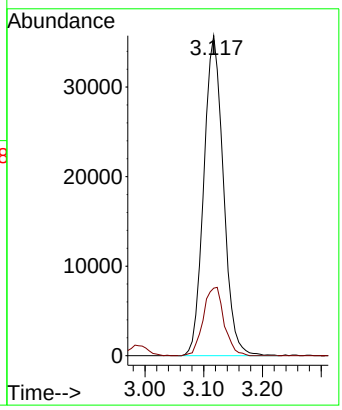




#19
Methyl tert-butyl Ether
Concen: 20.689 ug/l
RT: 3.117 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 73 Resp: 8283

Ion	Ratio	Lower	Upper
73	100		
57	21.1	18.5	27.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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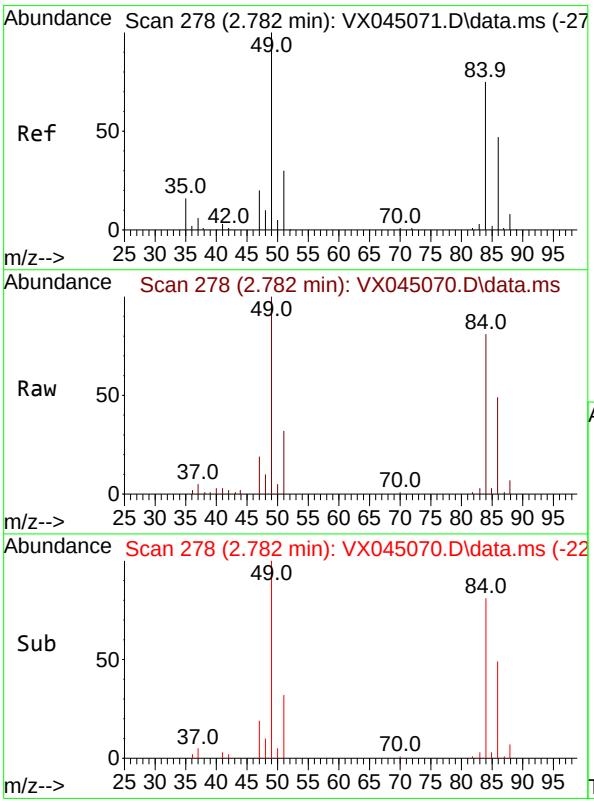
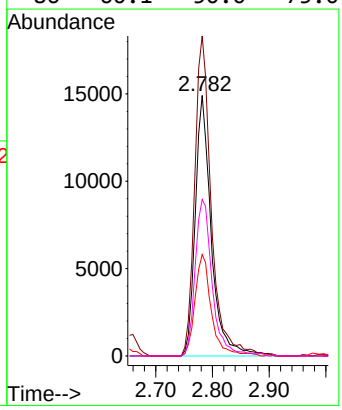
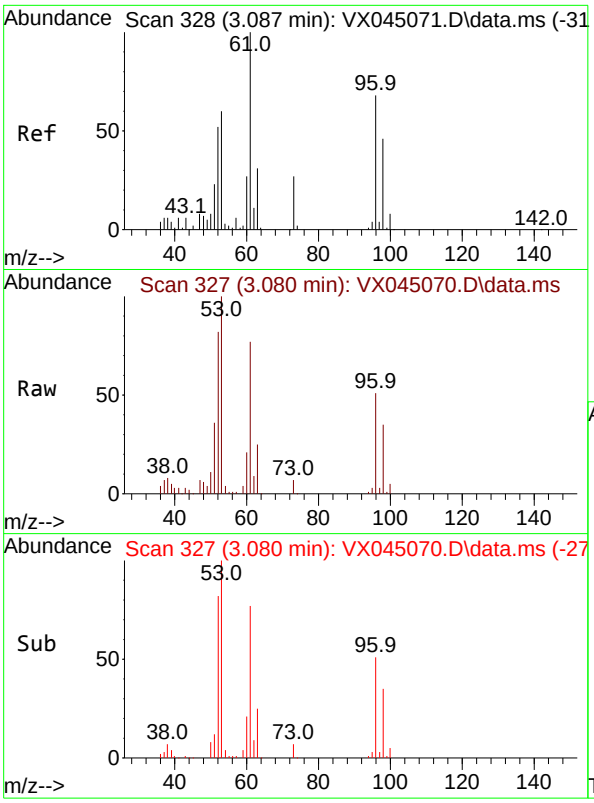


#20
Methylene Chloride
Concen: 20.895 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 84 Resp: 29281

Ion	Ratio	Lower	Upper
84	100		
49	122.9	106.5	159.7
51	38.9	32.1	48.1
86	60.1	50.0	75.0

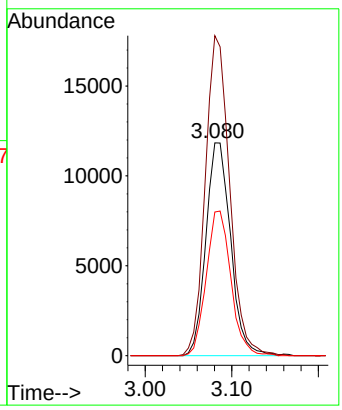




#21
trans-1,2-Dichloroethene
Concen: 19.057 ug/l
RT: 3.080 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 96 Resp: 2347

Ion	Ratio	Lower	Upper
96	100		
61	150.3	117.0	175.4
98	67.5	53.4	80.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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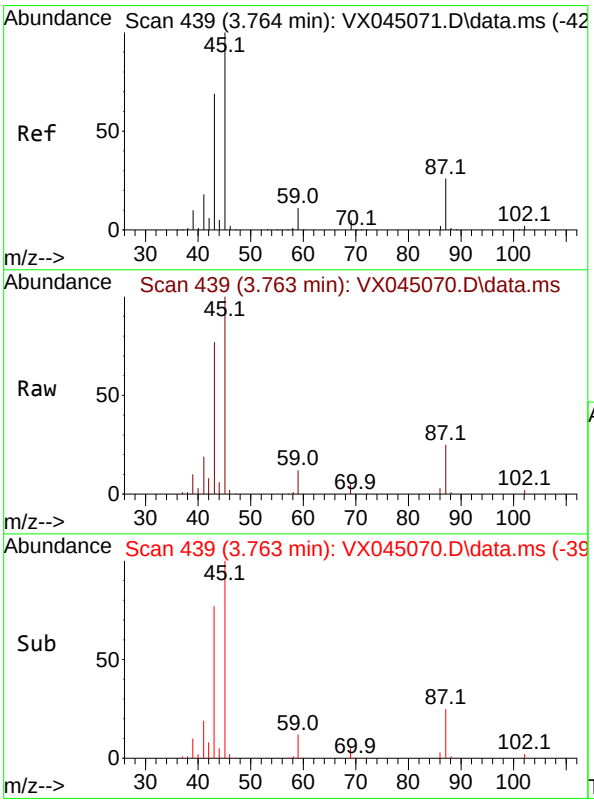
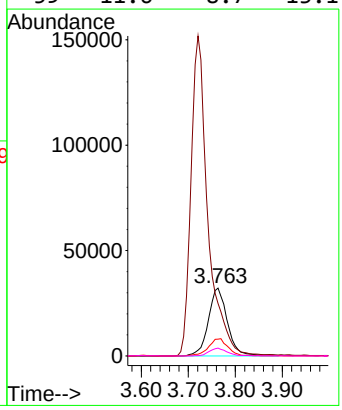
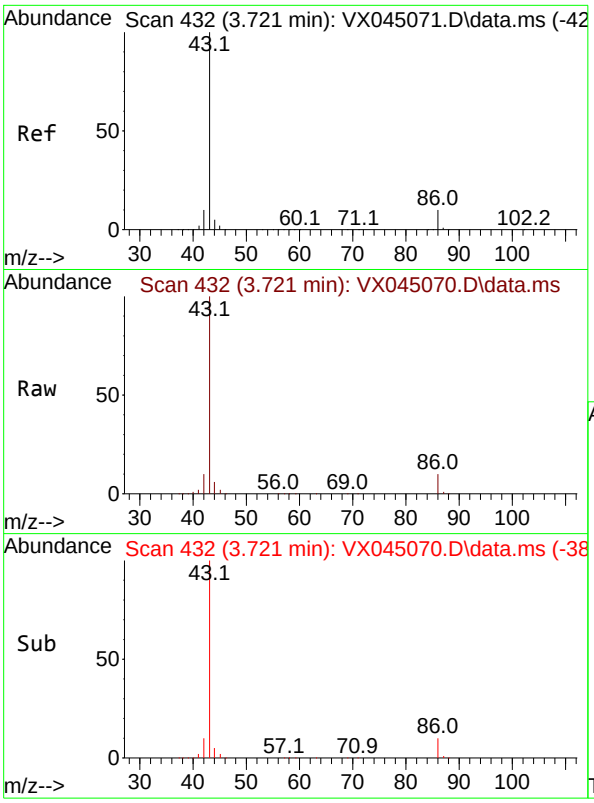


#22
Diisopropyl ether
Concen: 20.995 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 45 Resp: 90378

Ion	Ratio	Lower	Upper
45	100		
43	76.4	54.9	82.3
87	24.7	21.0	31.4
59	11.6	8.7	13.1





#23
Vinyl Acetate
Concen: 108.038 ug/l
RT: 3.721 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 43 Resp: 38180

Ion	Ratio	Lower	Upper
43	100		
86	9.9	8.1	12.1

Instrument :
MSVOA_X
ClientSampleId :
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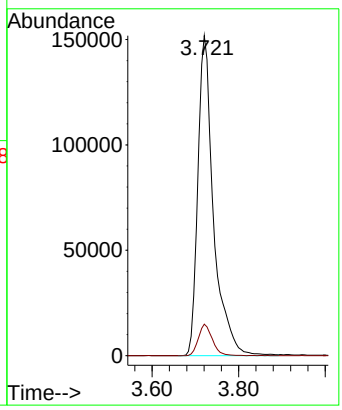
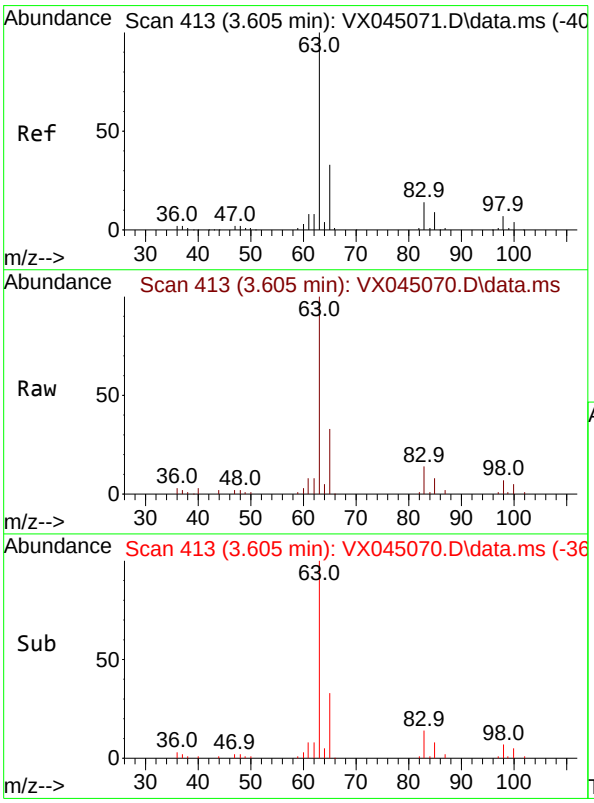
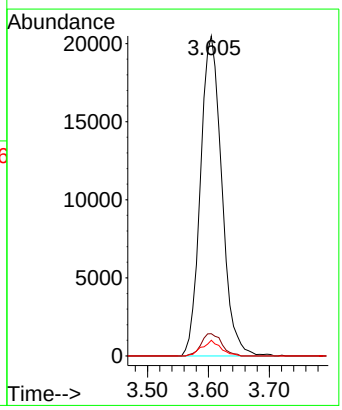


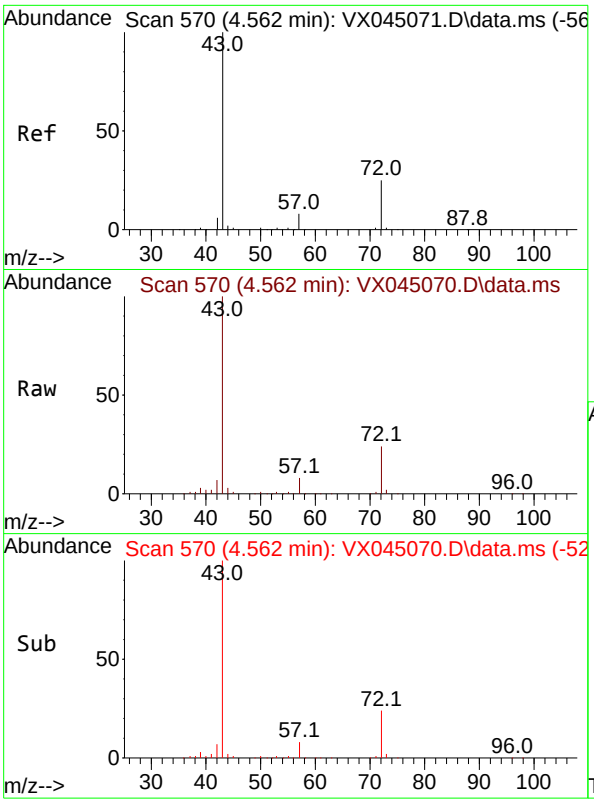


#24
1,1-Dichloroethane
Concen: 20.716 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 63 Resp: 49826

Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.4	10.2
100	4.9	2.1	6.5





#25
2-Butanone
Concen: 124.449 ug/l
RT: 4.562 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 43 Resp: 11871

Ion	Ratio	Lower	Upper
43	100		
72	23.5	20.0	30.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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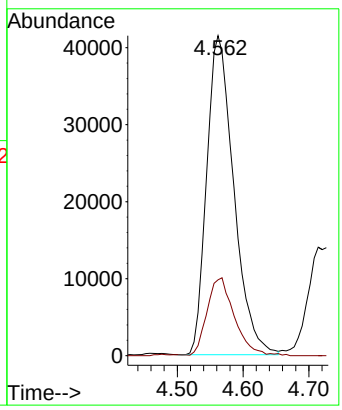
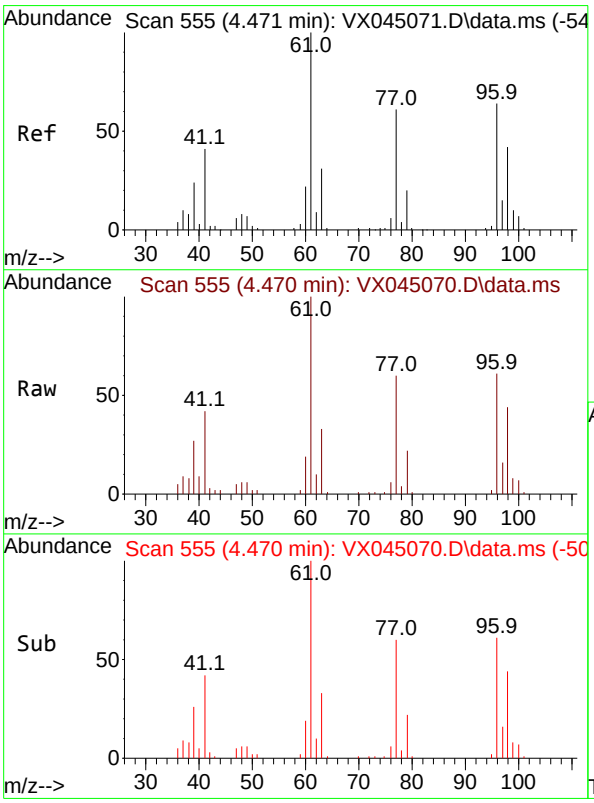
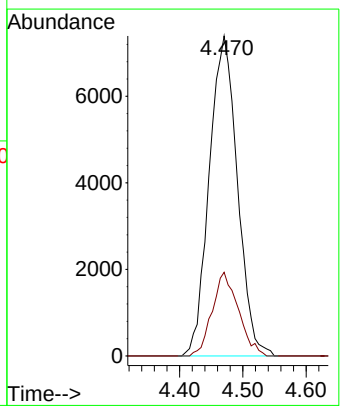


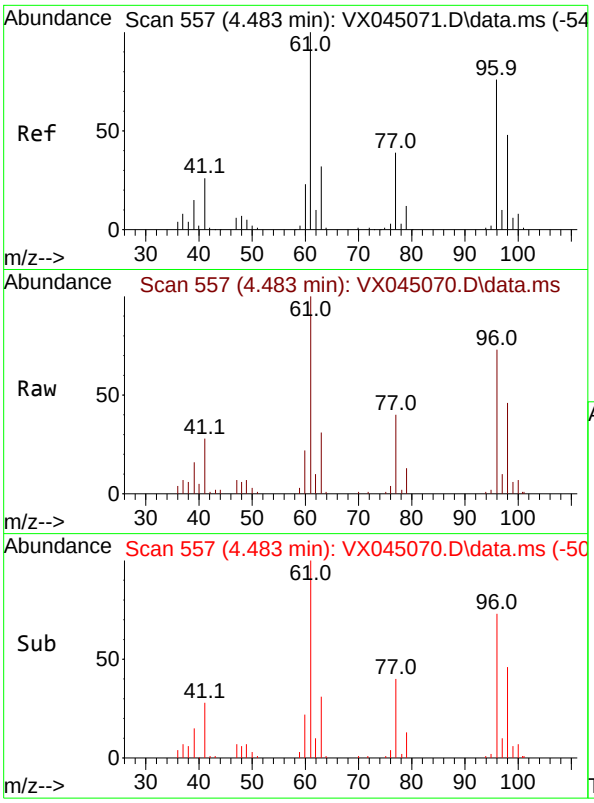


#26
2,2-Dichloropropane
Concen: 12.799 ug/l
RT: 4.470 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 77 Resp: 22886

Ion	Ratio	Lower	Upper
77	100		
97	24.2	12.4	37.0

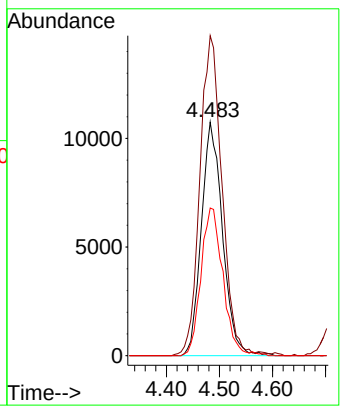




#27
cis-1,2-Dichloroethene
Concen: 20.065 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 96 Resp: 2978

Ion	Ratio	Lower	Upper
96	100		
61	142.7	0.0	283.2
98	65.6	0.0	128.0



Instrument :
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ClientSampleId :
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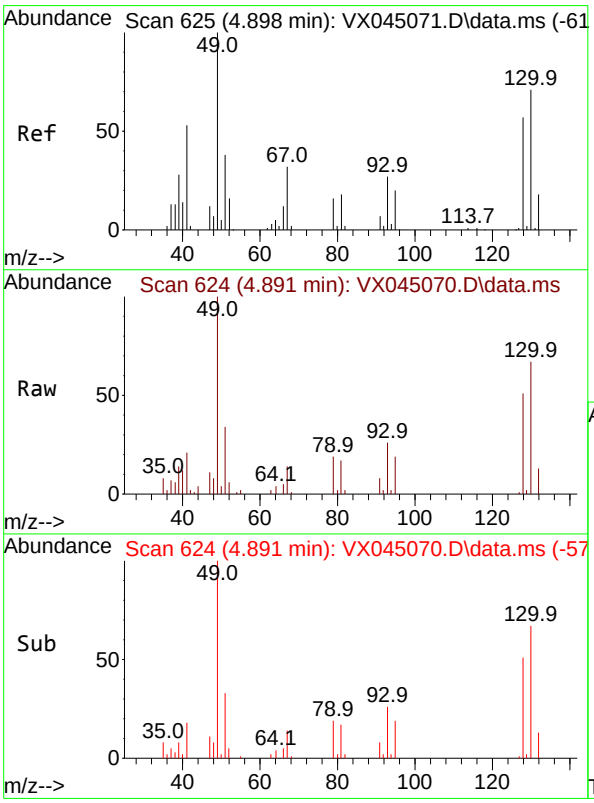
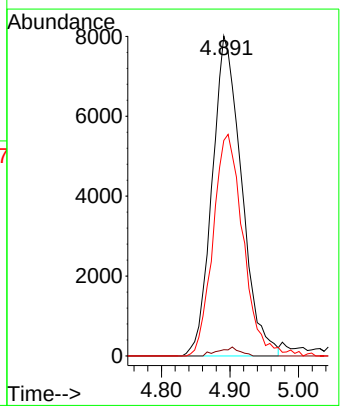
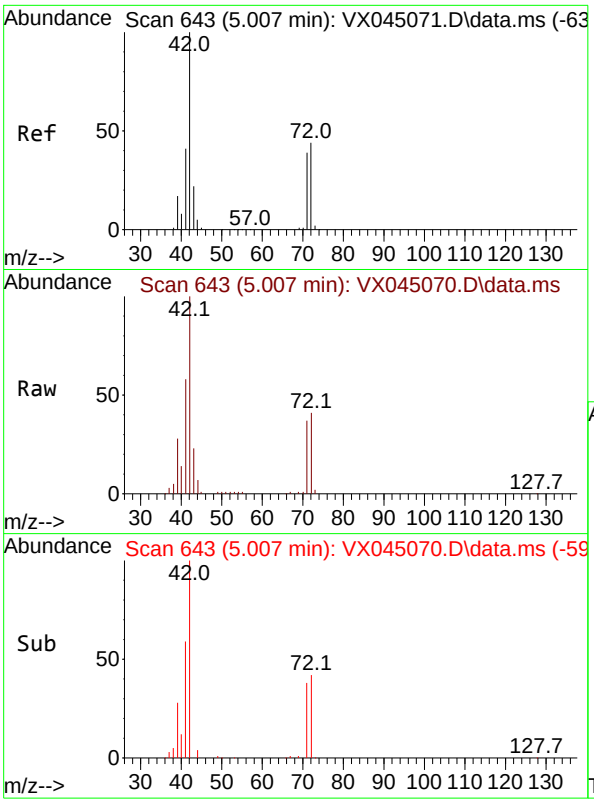


#28
Bromochloromethane
Concen: 20.579 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 49 Resp: 23869

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.4
130	70.6	56.1	84.1





#29
Tetrahydrofuran
Concen: 122.519 ug/l
RT: 5.007 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 42 Resp: 7743

Ion	Ratio	Lower	Upper
42	100		
72	41.0	34.1	51.1
71	39.0	31.4	47.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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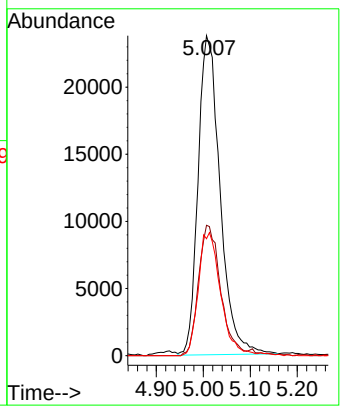
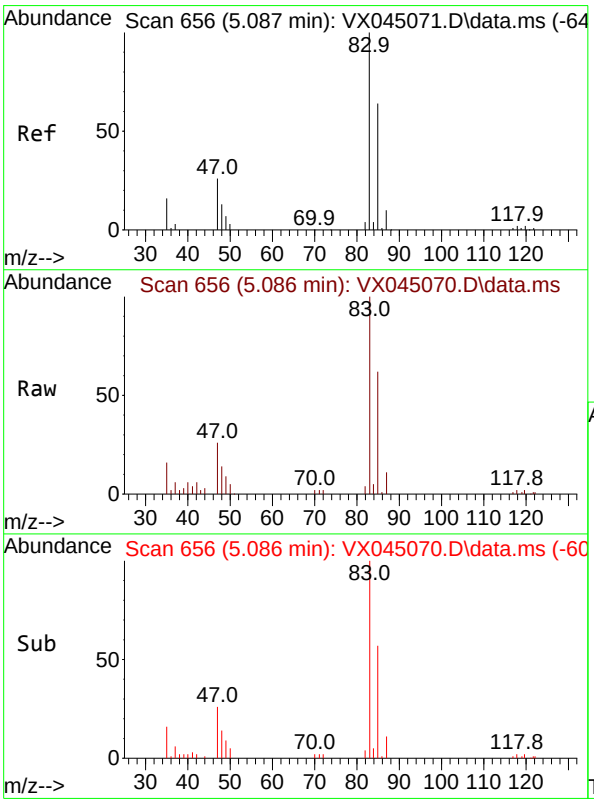
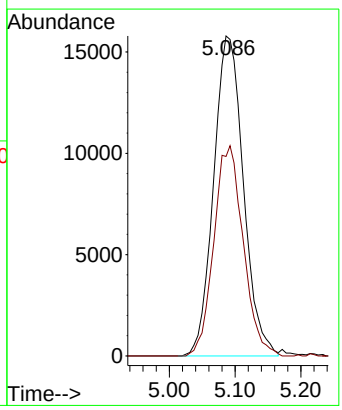


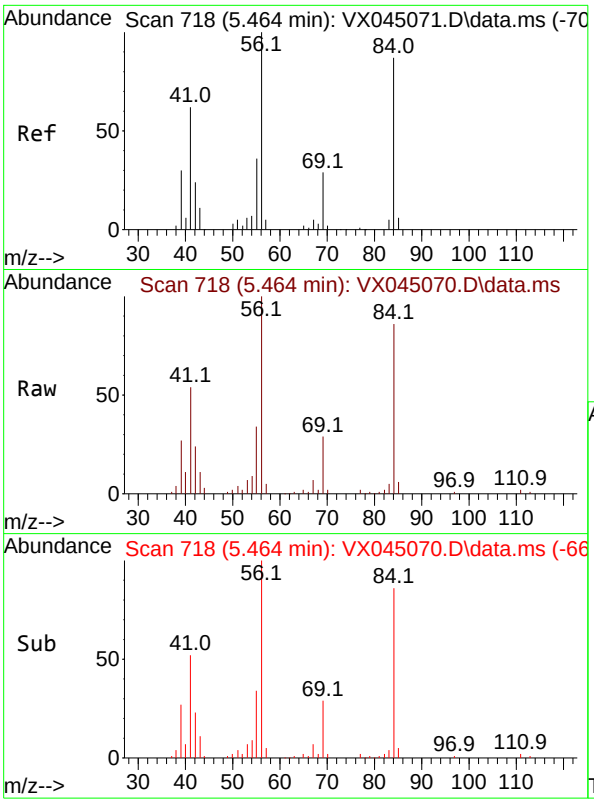


#30
Chloroform
Concen: 21.147 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 83 Resp: 49751

Ion	Ratio	Lower	Upper
83	100		
85	62.3	51.4	77.2

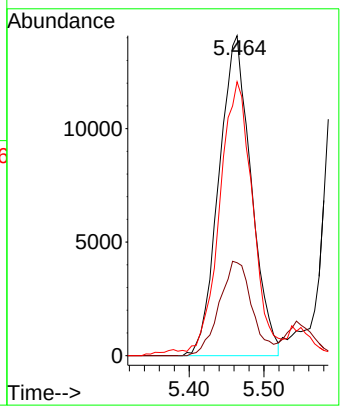




#31
Cyclohexane
Concen: 19.181 ug/l
RT: 5.464 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 56 Resp: 4234

Ion	Ratio	Lower	Upper
56	100		
69	29.0	23.4	35.2
84	84.2	69.4	104.2



Instrument :
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ClientSampleId :
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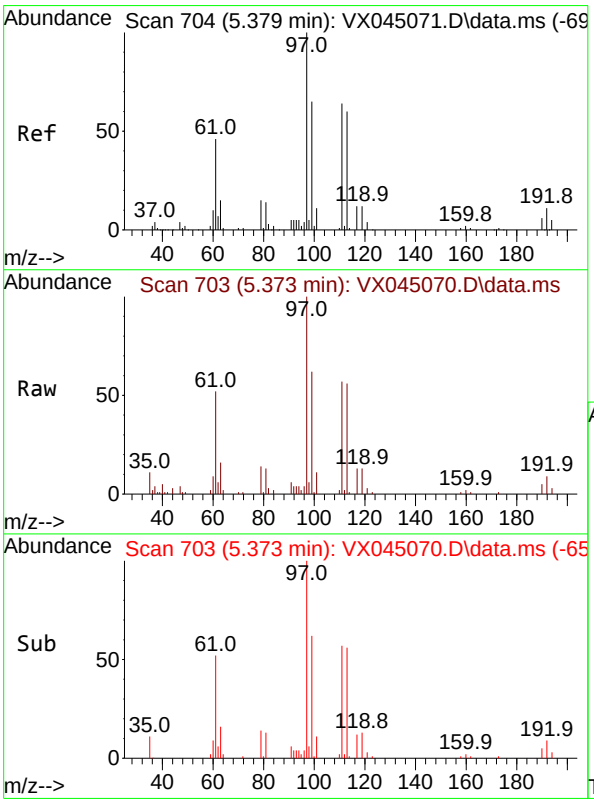
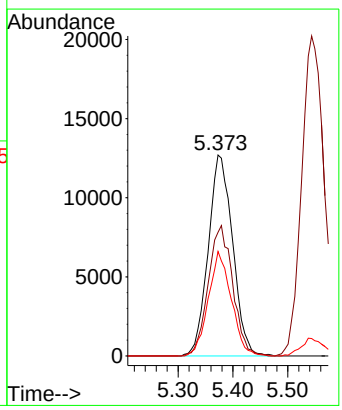
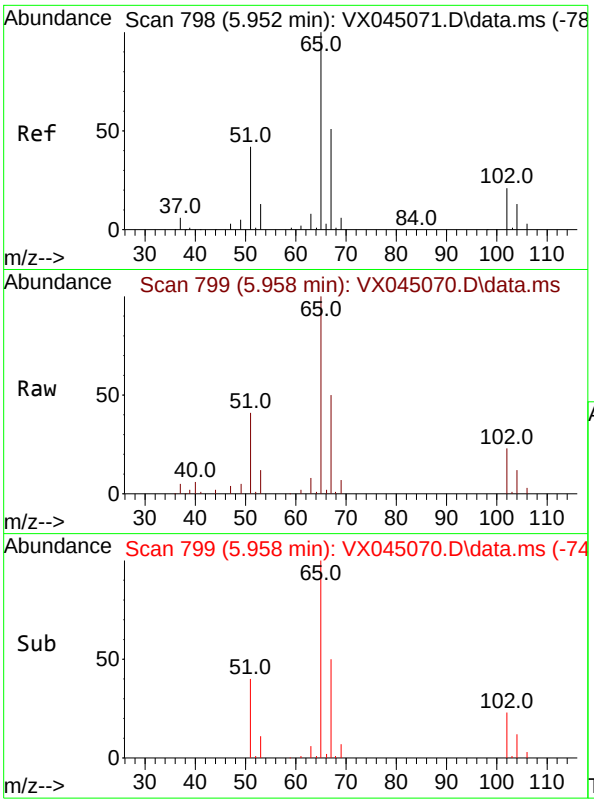


#32
1,1,1-Trichloroethane
Concen: 19.831 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 97 Resp: 39276

Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.6	77.4
61	48.9	38.4	57.6

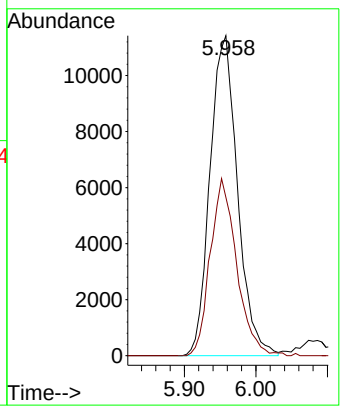




#33
1,2-Dichloroethane-d4
Concen: 21.221 ug/l
RT: 5.958 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 65 Resp: 3051

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	106.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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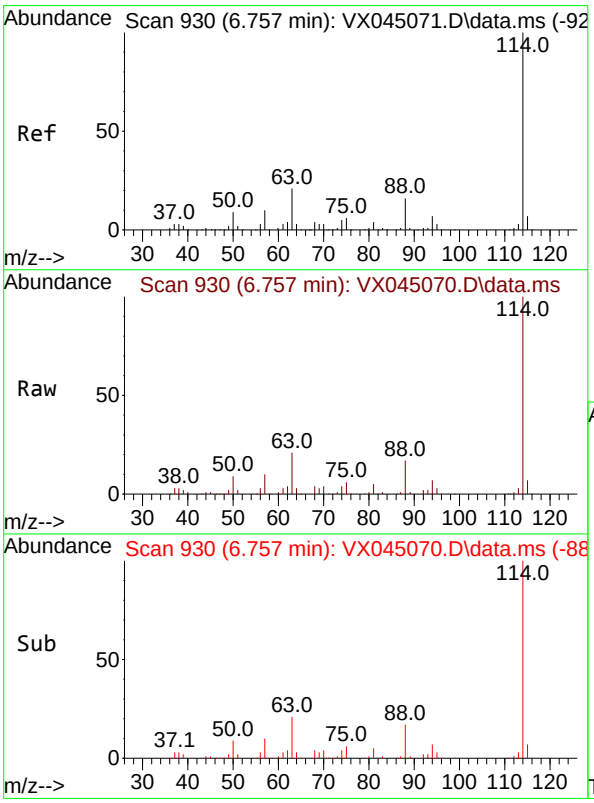
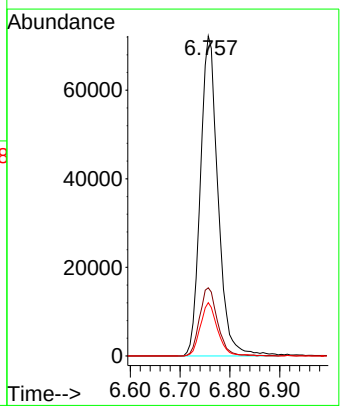
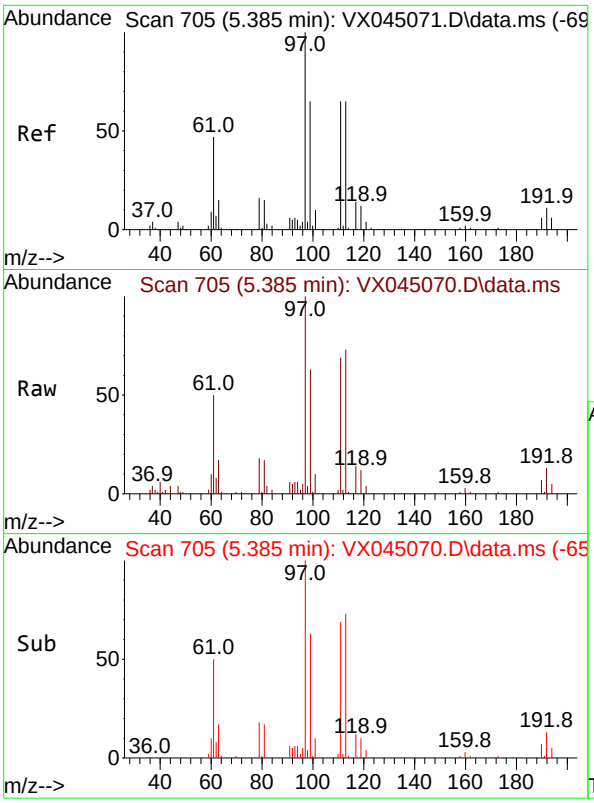


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion:114 Resp: 177403

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	41.8
88	16.6	0.0	32.8

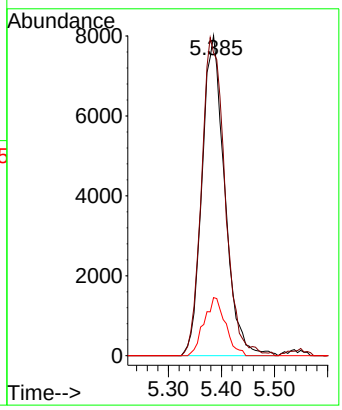




#35
Dibromofluoromethane
Concen: 20.473 ug/l
RT: 5.385 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion:113 Resp: 2373

Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.8	122.6
192	17.2	14.3	21.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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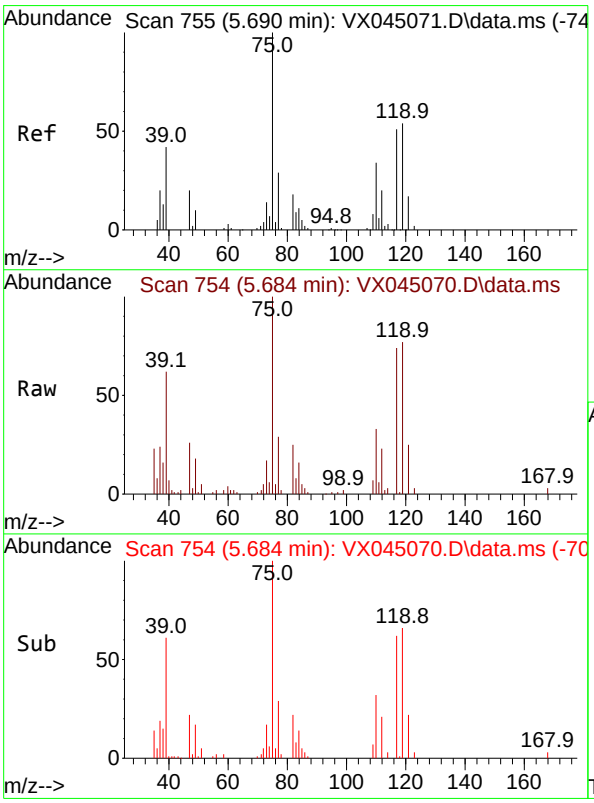
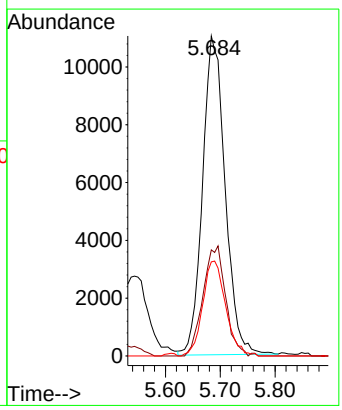
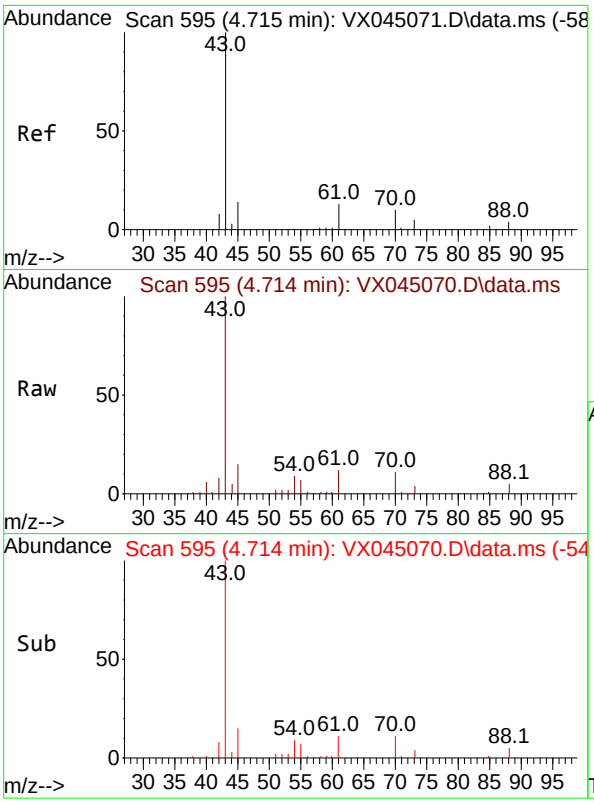


#36
1,1-Dichloropropene
Concen: 18.903 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 75 Resp: 31519

Ion	Ratio	Lower	Upper
75	100		
110	34.4	16.9	50.6
77	30.3	24.5	36.7

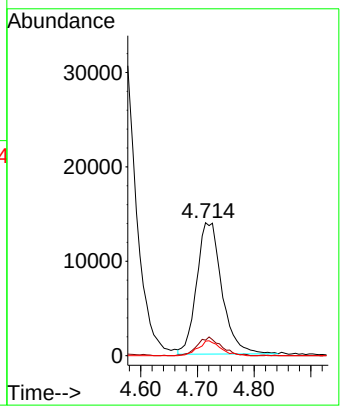




#37
Ethyl Acetate
Concen: 22.714 ug/l
RT: 4.714 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 43 Resp: 4309

Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.8	16.2
70	10.1	7.7	11.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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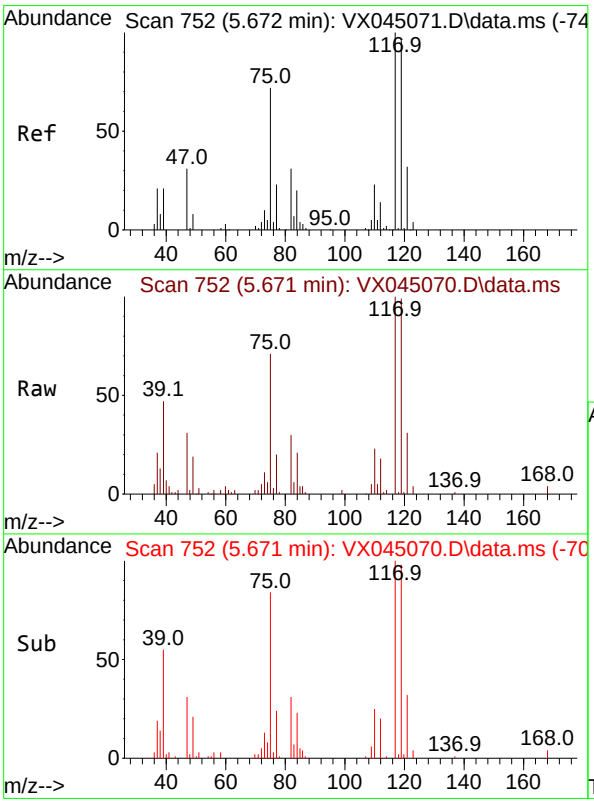
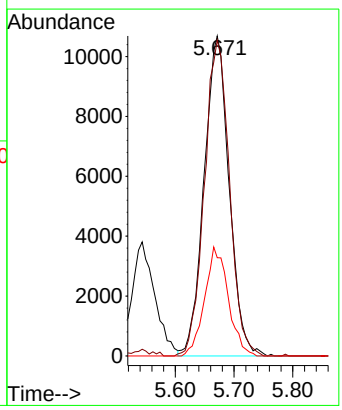
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

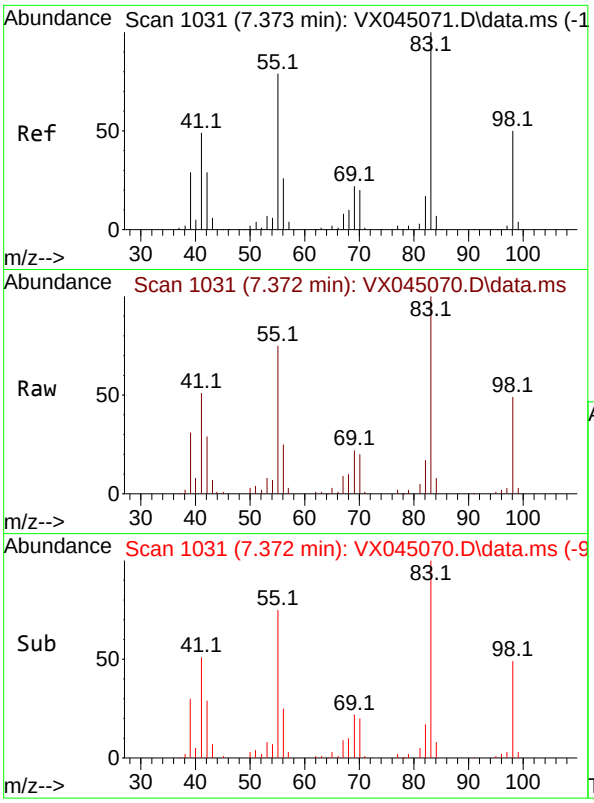


#38
Carbon Tetrachloride
Concen: 19.334 ug/l
RT: 5.671 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion:117 Resp: 31694

Ion	Ratio	Lower	Upper
117	100		
119	98.7	76.7	115.1
121	30.7	25.5	38.3

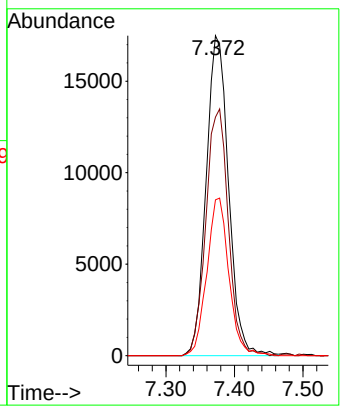




#39
Methylcyclohexane
Concen: 18.676 ug/l
RT: 7.372 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 83 Resp: 3976

Ion	Ratio	Lower	Upper
83	100		
55	74.6	63.0	94.4
98	48.7	39.7	59.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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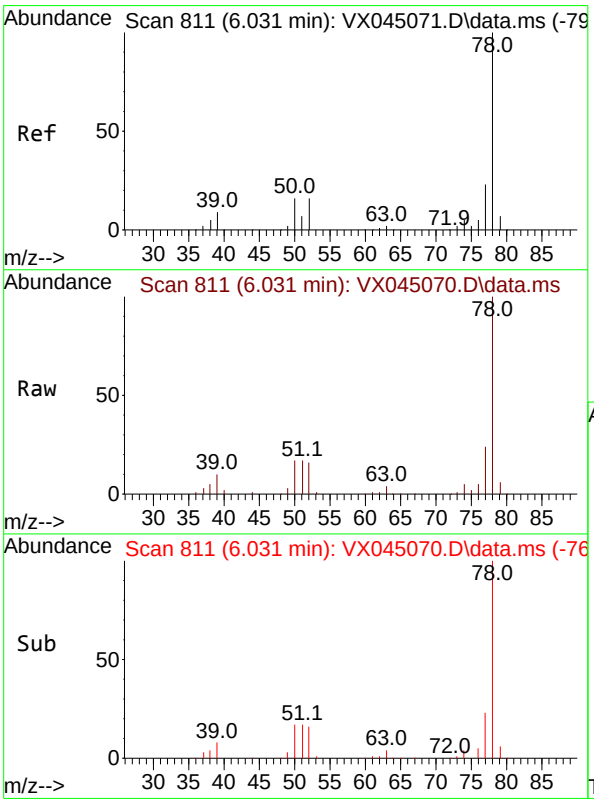
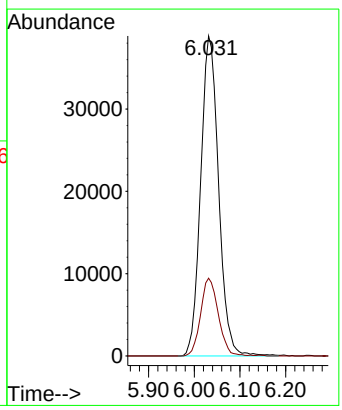
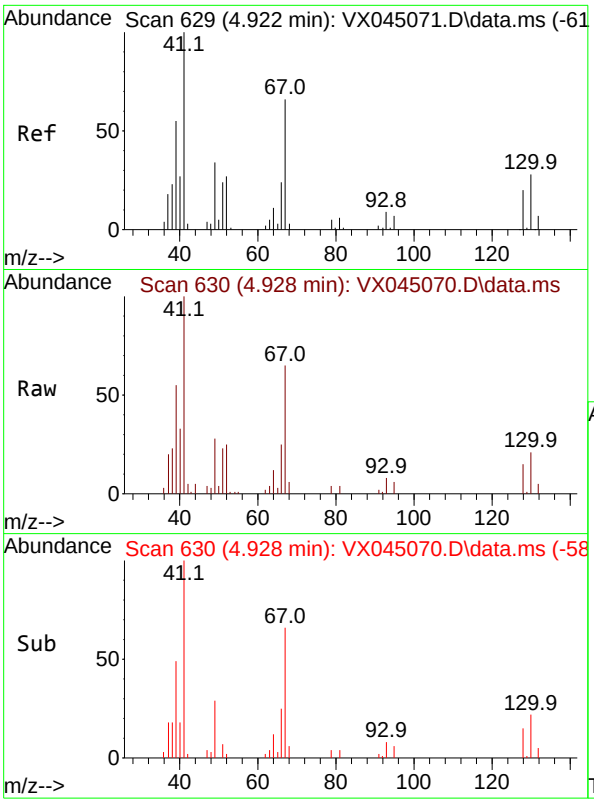


#40
Benzene
Concen: 20.298 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 78 Resp: 105787

Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.8	28.2

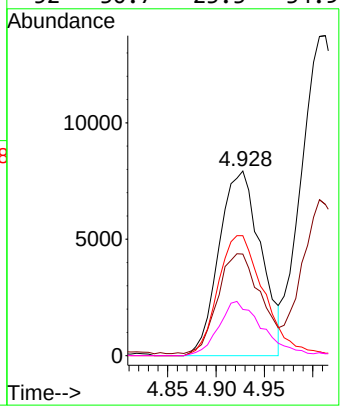




#41
Methacrylonitrile
Concen: 23.605 ug/l
RT: 4.928 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 41 Resp: 2392

Ion	Ratio	Lower	Upper
41	100		
39	55.3	44.6	67.0
67	71.6	53.9	80.9
52	30.7	23.3	34.9



Instrument :
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ClientSampleId :
VSTDICC020

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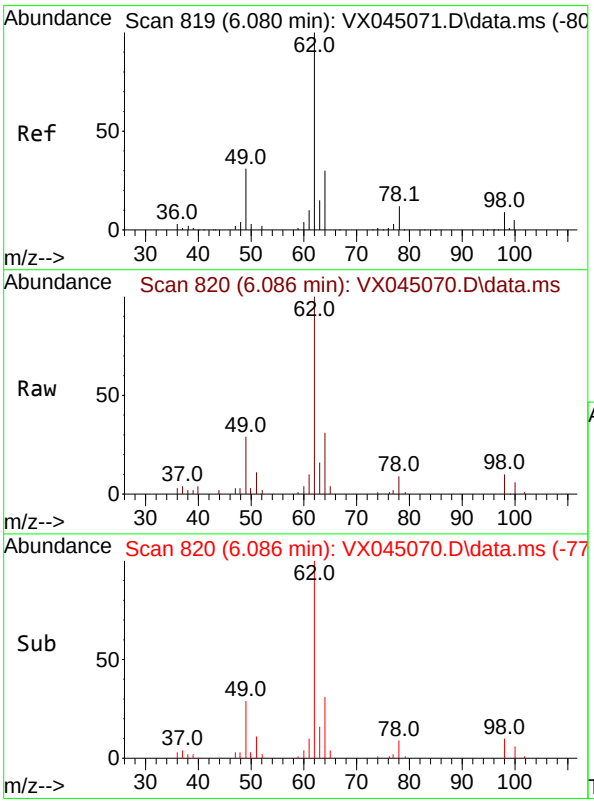
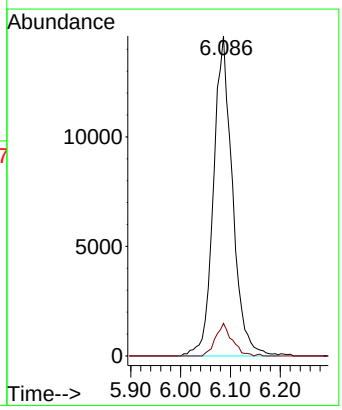
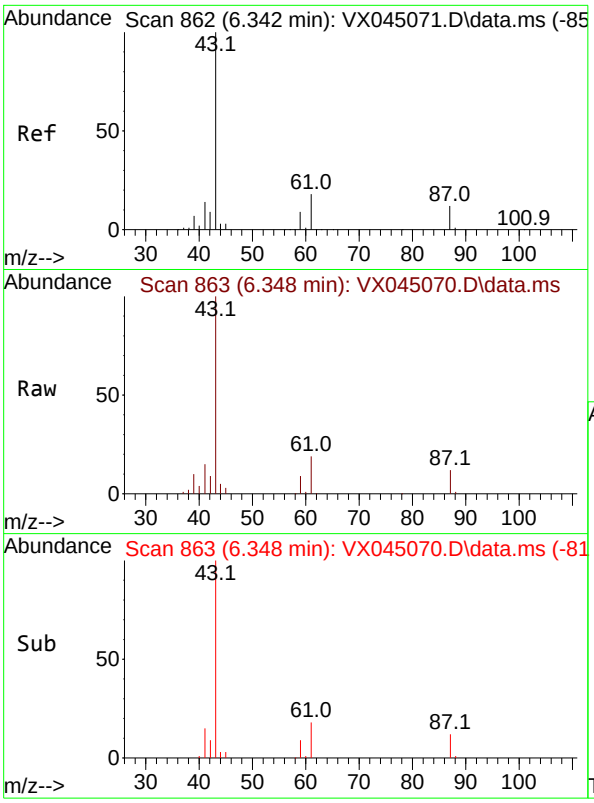


#42
1,2-Dichloroethane
Concen: 22.886 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 62 Resp: 38653

Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	18.2





#43
Isopropyl Acetate
Concen: 22.094 ug/l
RT: 6.348 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 43 Resp: 6672

Ion	Ratio	Lower	Upper
43	100		
61	17.8	14.9	22.3
87	11.5	9.4	14.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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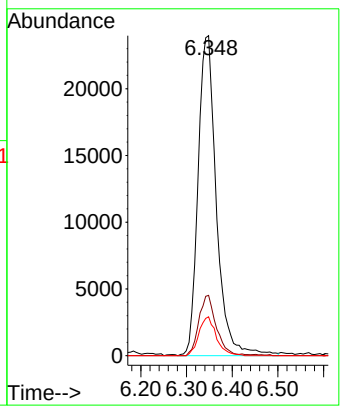
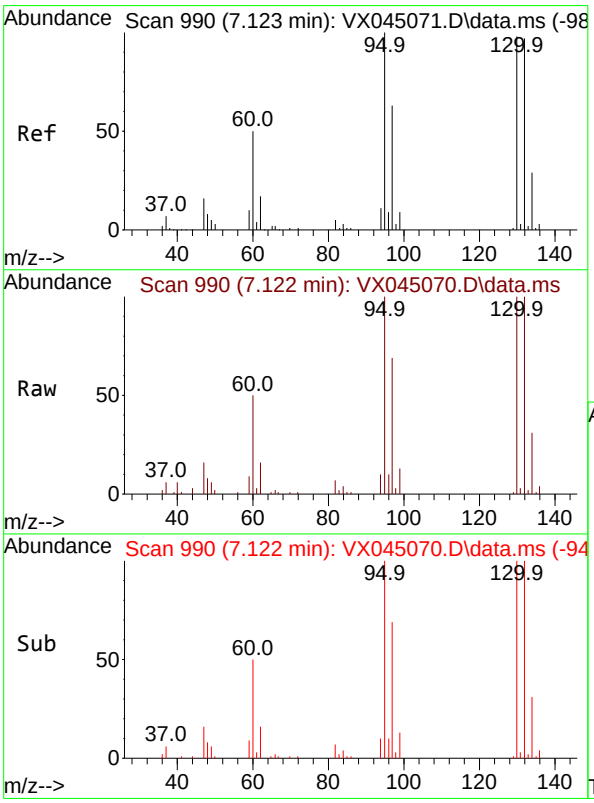
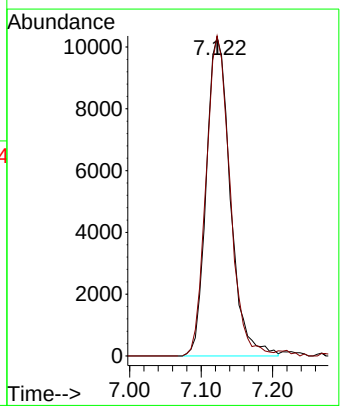


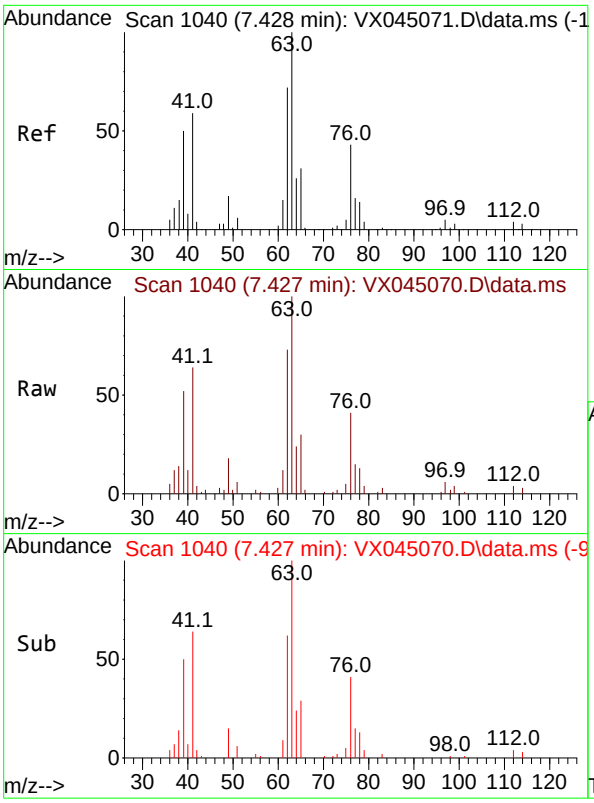


#44
Trichloroethene
Concen: 20.191 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion:130 Resp: 24052

Ion	Ratio	Lower	Upper
130	100		
95	100.3	0.0	205.0

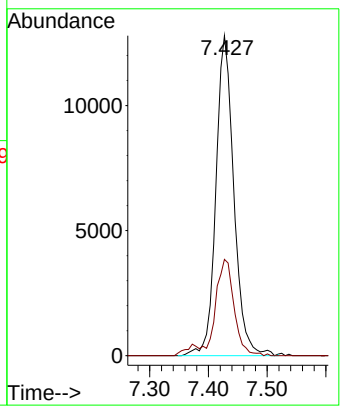




#45
1,2-Dichloropropane
Concen: 20.945 ug/l
RT: 7.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 63 Resp: 2712

Ion	Ratio	Lower	Upper
63	100		
65	30.1	24.7	37.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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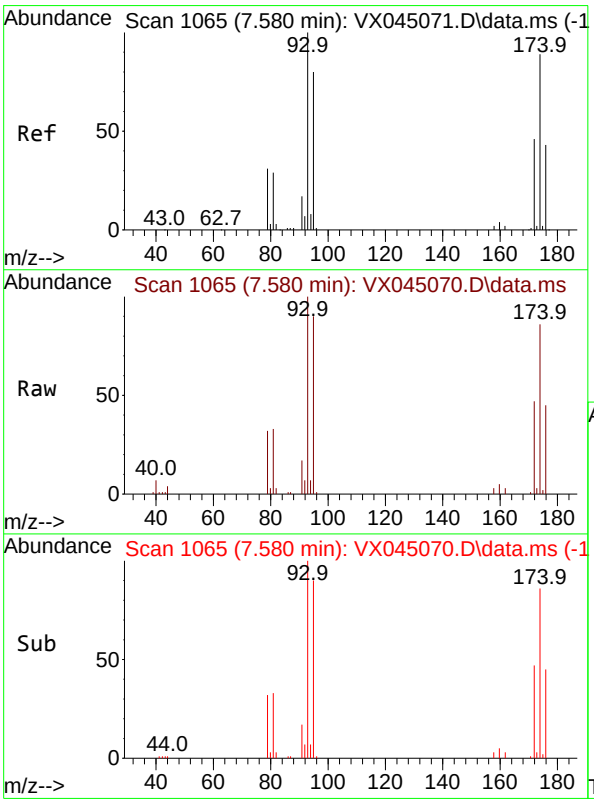
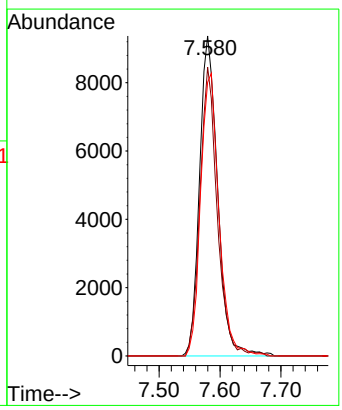
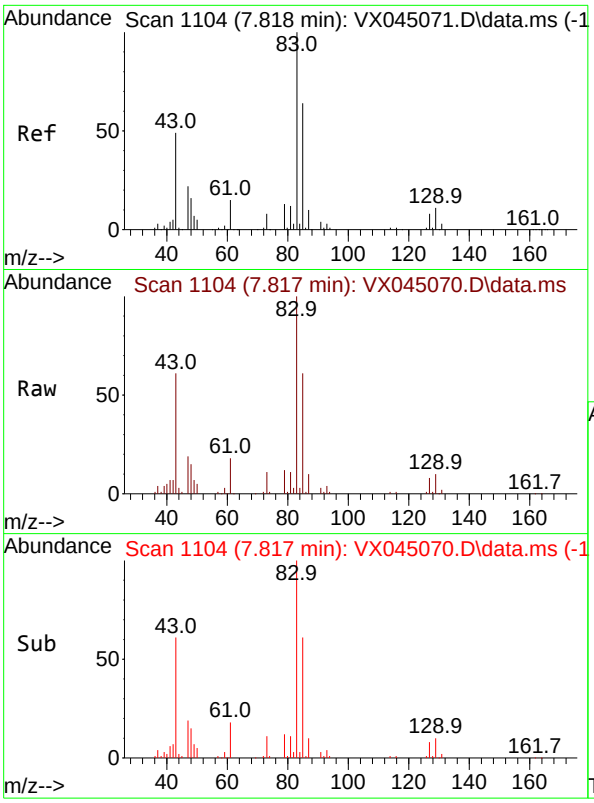


#46
Dibromomethane
Concen: 21.357 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 93 Resp: 19323

Ion	Ratio	Lower	Upper
93	100		
95	86.4	65.8	98.8
174	89.6	72.2	108.2

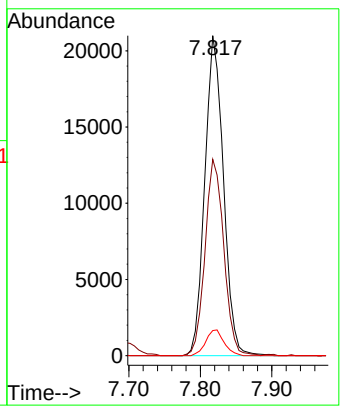




#47
Bromodichloromethane
Concen: 21.732 ug/l
RT: 7.817 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 83 Resp: 3803

Ion	Ratio	Lower	Upper
83	100		
85	61.3	51.1	76.7
127	7.8	6.4	9.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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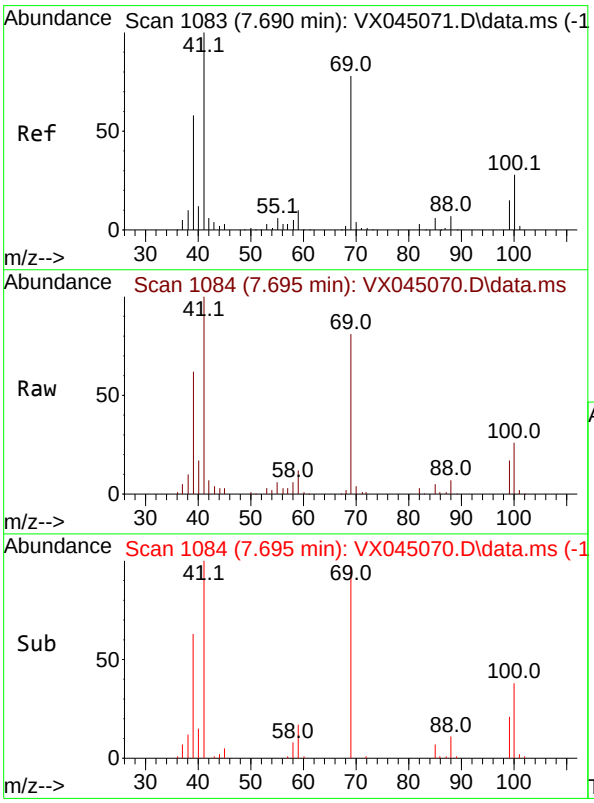
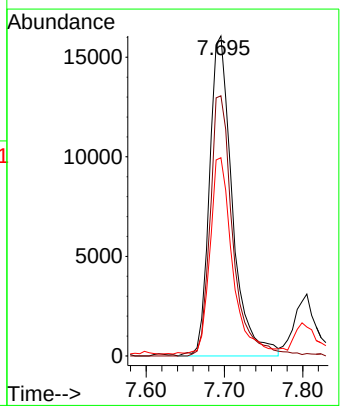
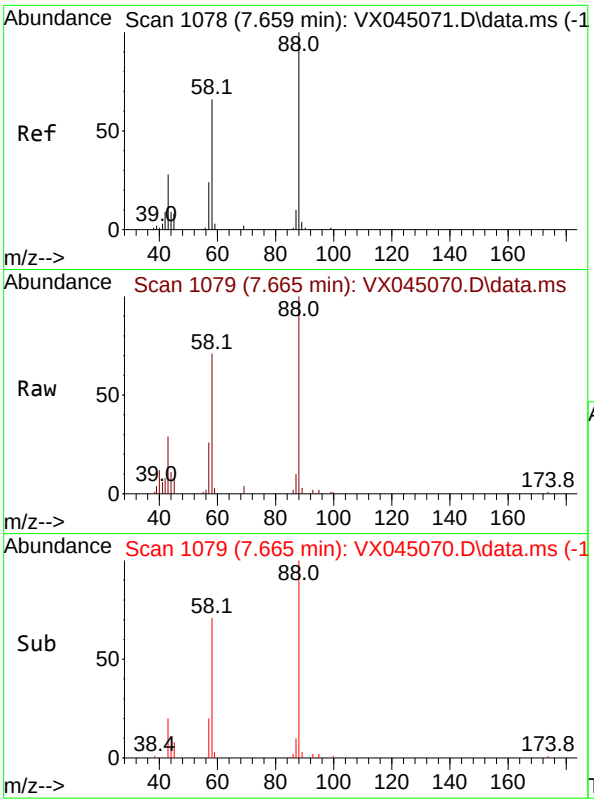


#48
Methyl methacrylate
Concen: 22.757 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 41 Resp: 32627

Ion	Ratio	Lower	Upper
41	100		
69	81.2	63.0	94.6
39	59.8	47.5	71.3

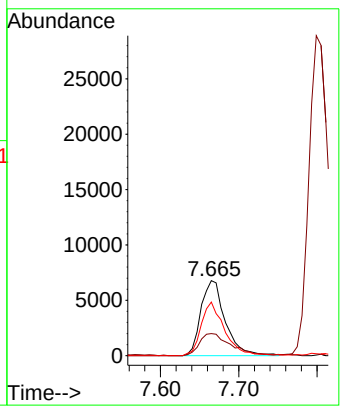




#49
1,4-Dioxane
Concen: 479.170 ug/l
RT: 7.665 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 88 Resp: 1460

Ion	Ratio	Lower	Upper
88	100		
43	38.7	28.7	43.1
58	68.3	55.8	83.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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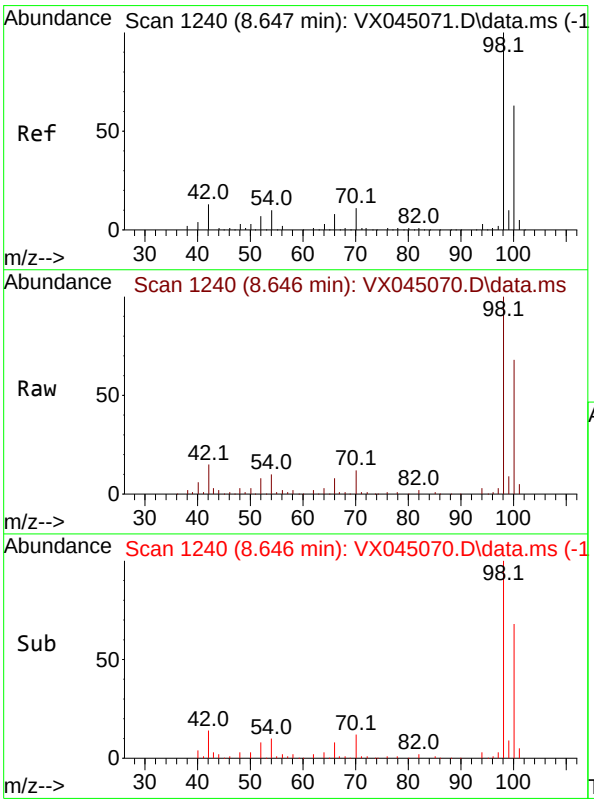
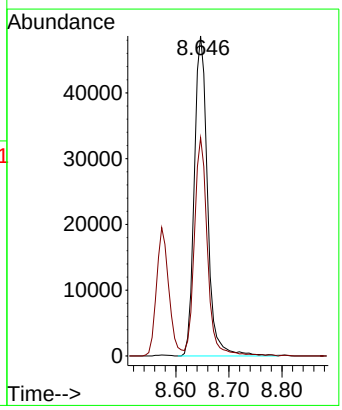
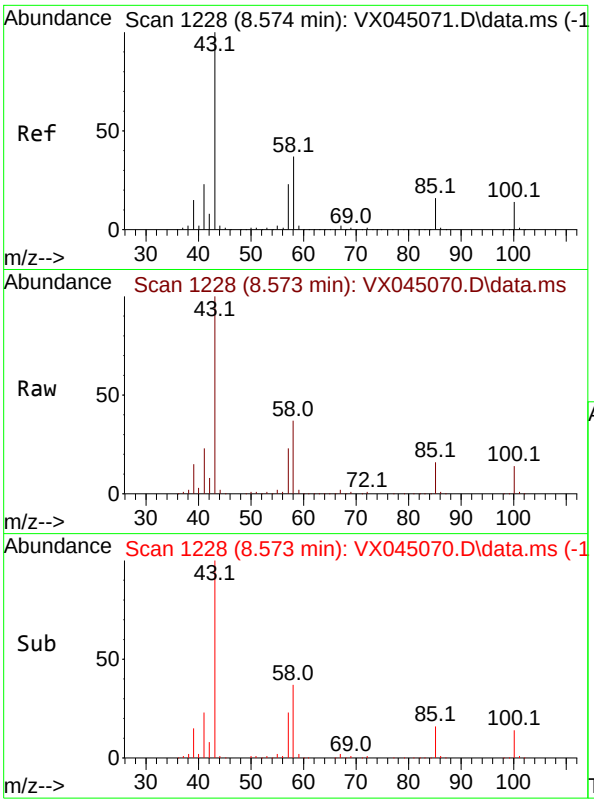


#50
Toluene-d8
Concen: 19.469 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 98 Resp: 84516

Ion	Ratio	Lower	Upper
98	100		
100	67.2	52.0	78.0

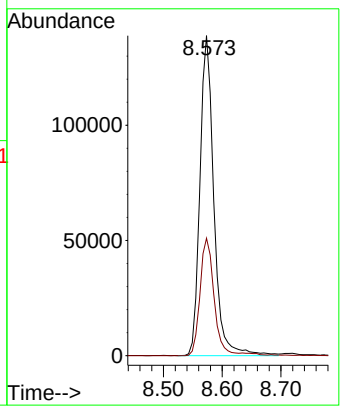




#51
4-Methyl-2-Pentanone
Concen: 124.081 ug/l
RT: 8.573 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 43 Resp: 22961

Ion	Ratio	Lower	Upper
43	100		
58	37.5	29.2	43.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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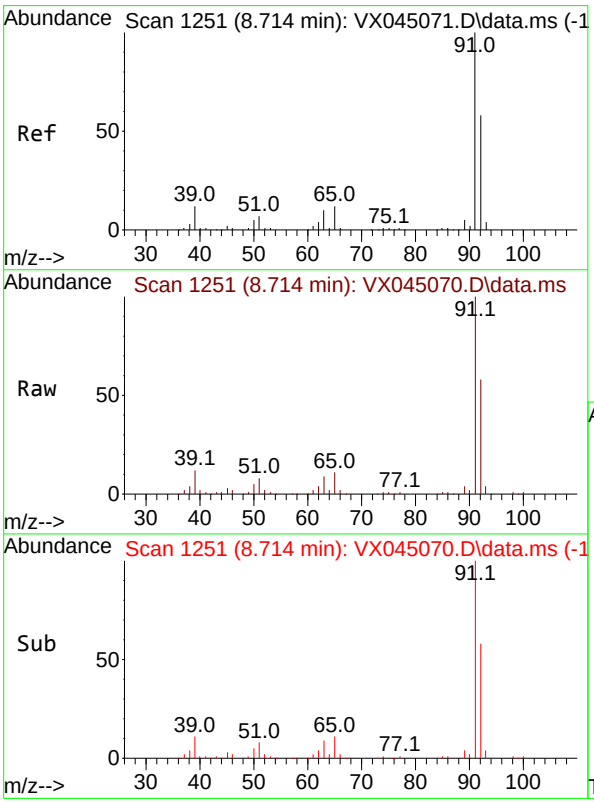
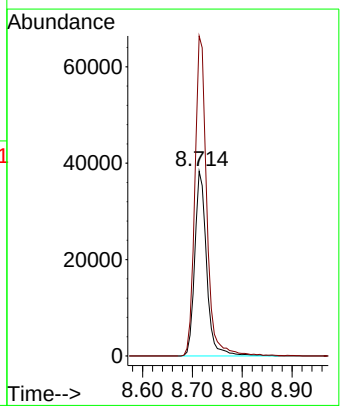
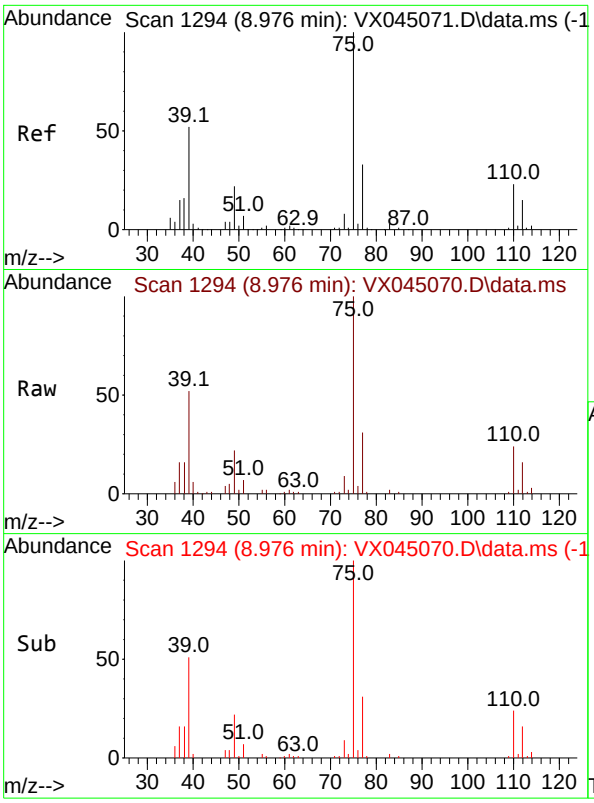


#52
Toluene
Concen: 20.463 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 92 Resp: 63326

Ion	Ratio	Lower	Upper
92	100		
91	173.7	138.9	208.3

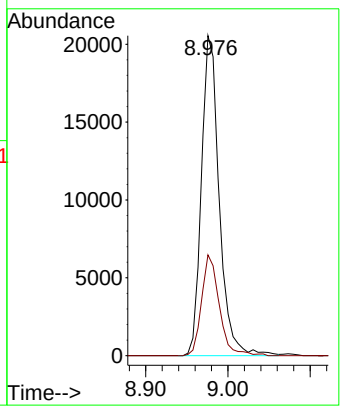




#53
t-1,3-Dichloropropene
Concen: 17.871 ug/l
RT: 8.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 75 Resp: 3091

Ion	Ratio	Lower	Upper
75	100		
77	31.5	26.5	39.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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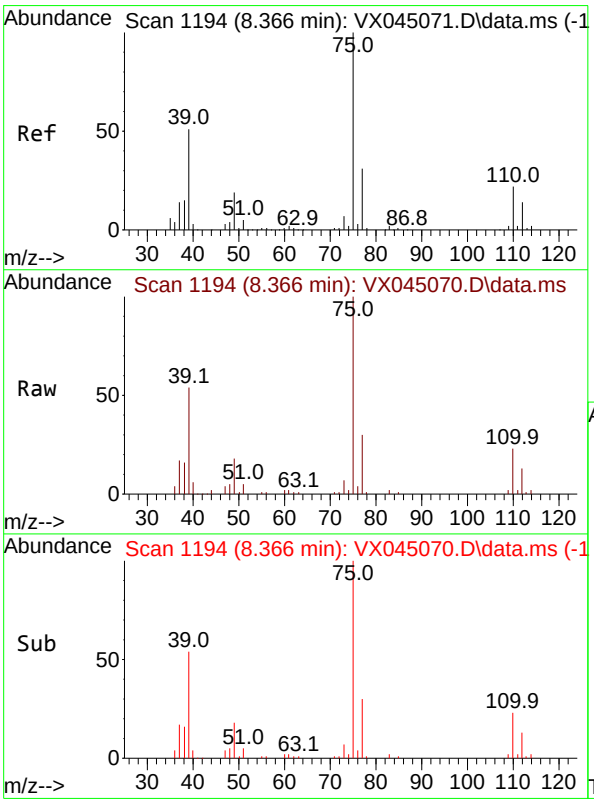
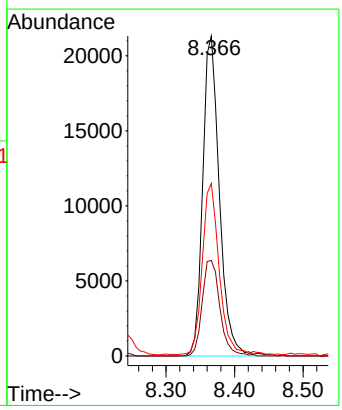
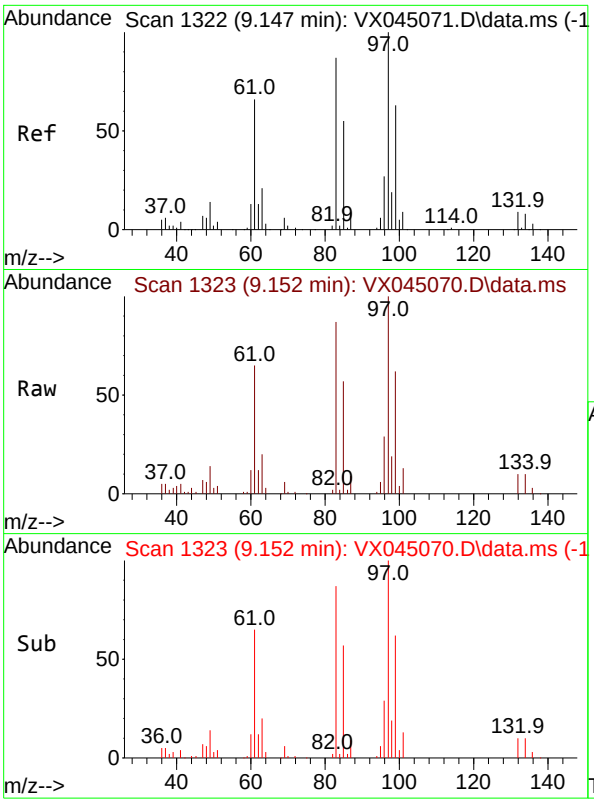


#54
cis-1,3-Dichloropropene
Concen: 18.675 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 75 Resp: 36118

Ion	Ratio	Lower	Upper
75	100		
77	29.9	24.7	37.1
39	53.5	40.7	61.1

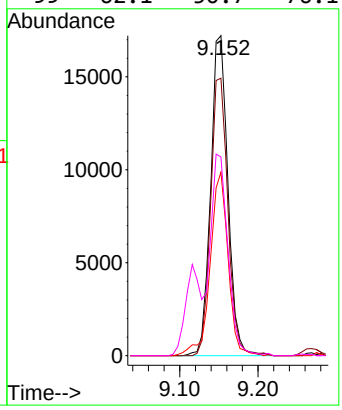




#55
1,1,2-Trichloroethane
Concen: 21.992 ug/l
RT: 9.152 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 97 Resp: 2635

Ion	Ratio	Lower	Upper
97	100		
83	86.7	69.4	104.2
85	57.3	44.1	66.1
99	62.1	50.7	76.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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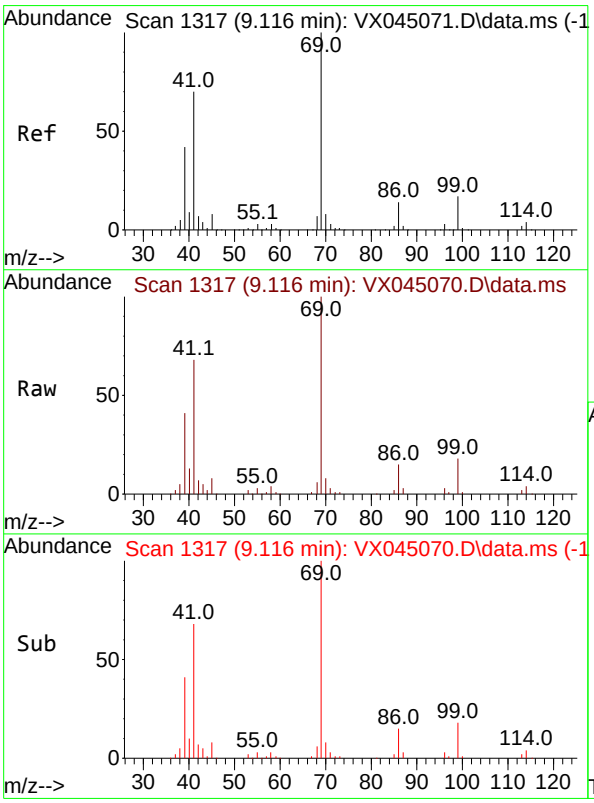
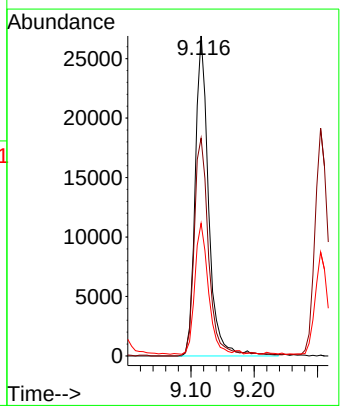
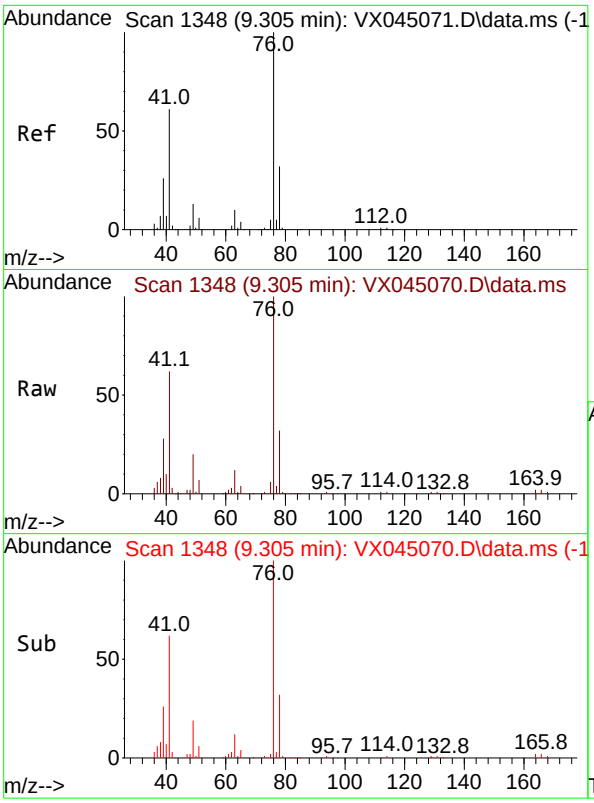


#56
Ethyl methacrylate
Concen: 20.791 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 69 Resp: 39850

Ion	Ratio	Lower	Upper
69	100		
41	73.6	57.0	85.4
39	40.6	34.2	51.4

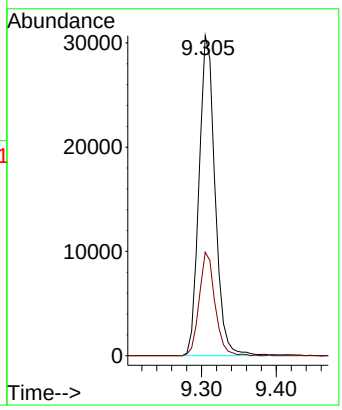




#57
1,3-Dichloropropane
Concen: 21.836 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 76 Resp: 4564

Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.5	38.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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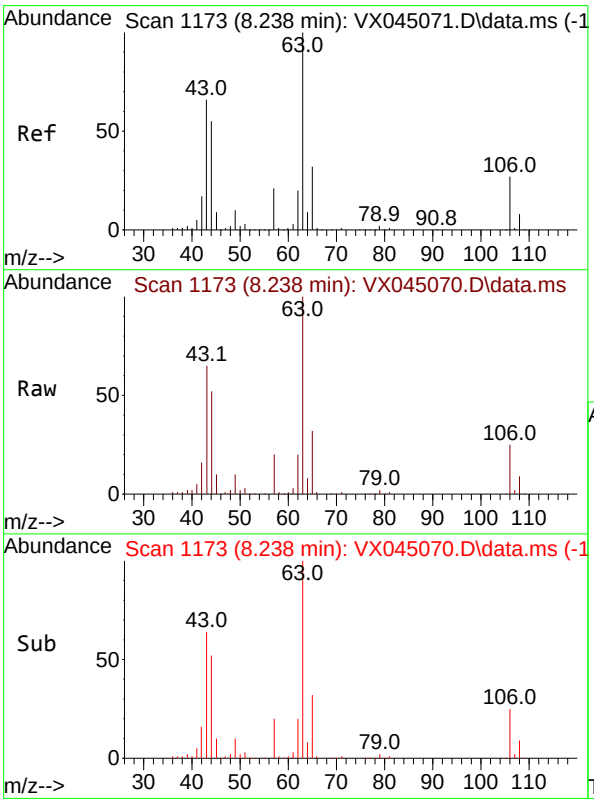
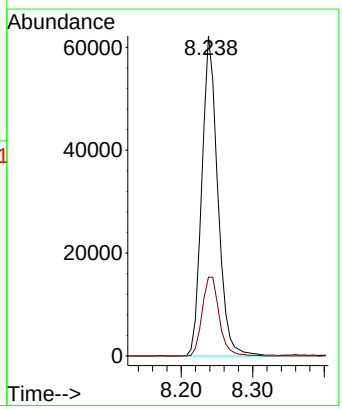
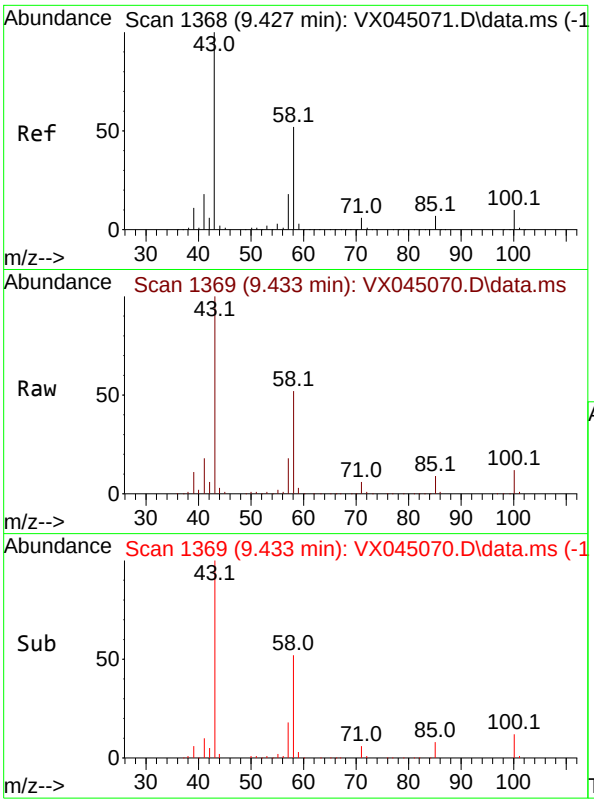


#58
2-Chloroethyl Vinyl ether
Concen: 102.342 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 63 Resp: 96311

Ion	Ratio	Lower	Upper
63	100		
106	26.4	21.5	32.3





#59
2-Hexanone
Concen: 126.428 ug/l
RT: 9.433 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 43 Resp: 16876

Ion	Ratio	Lower	Upper
43	100		
58	51.6	25.9	77.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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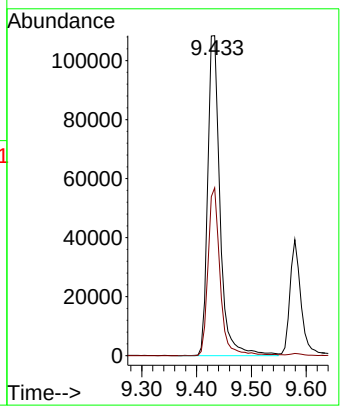
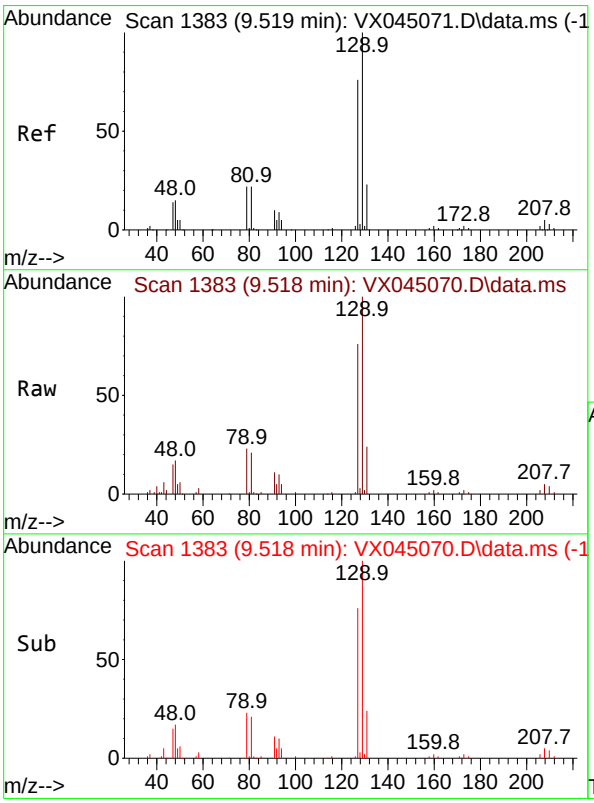
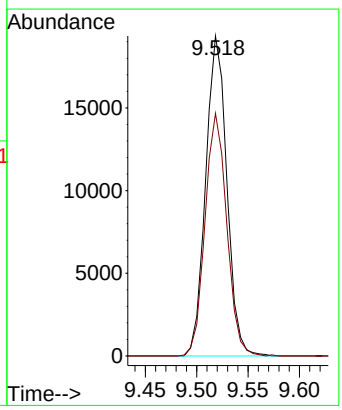


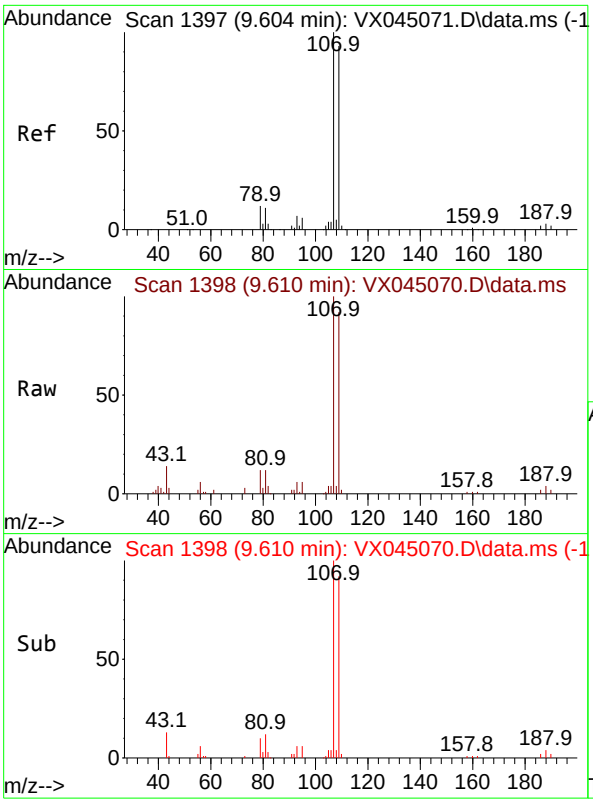


#60
Dibromochloromethane
Concen: 21.668 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion:129 Resp: 27705

Ion	Ratio	Lower	Upper
129	100		
127	77.8	38.5	115.5

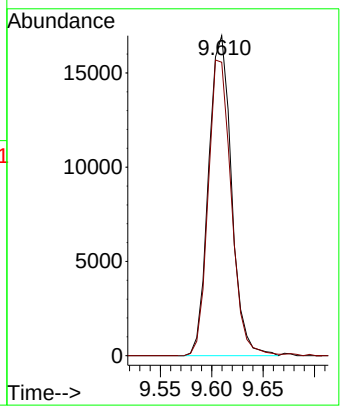




#61
1,2-Dibromoethane
Concen: 21.764 ug/l
RT: 9.610 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion:107 Resp: 2631

Ion	Ratio	Lower	Upper
107	100		
109	93.3	76.1	114.1



Instrument :
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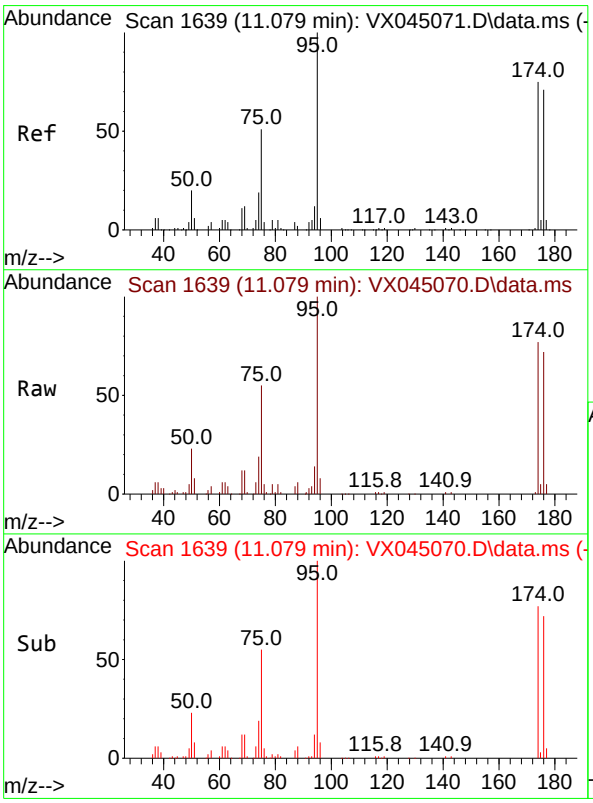
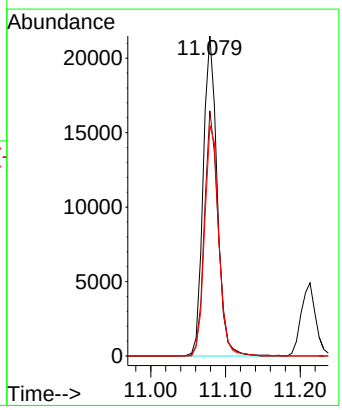
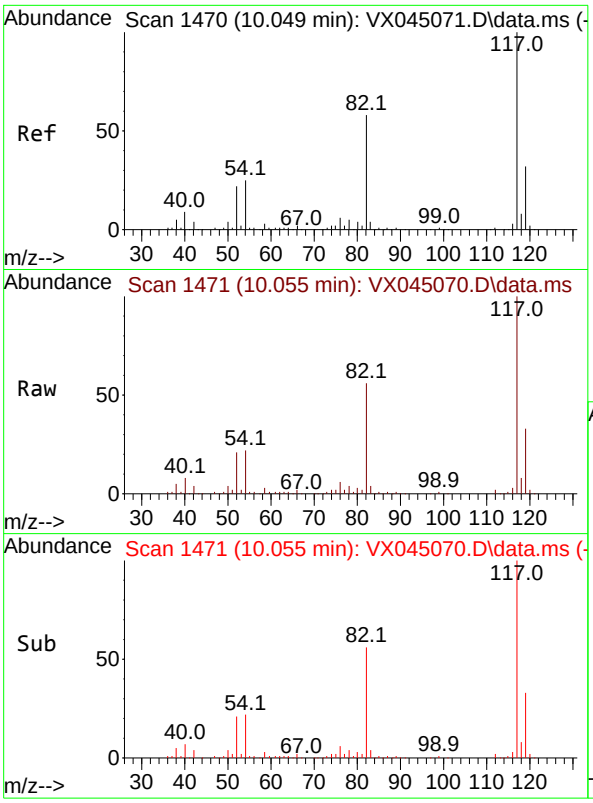


#62
4-Bromofluorobenzene
Concen: 19.215 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 95 Resp: 27856

Ion	Ratio	Lower	Upper
95	100		
174	76.1	0.0	148.2
176	72.8	0.0	141.4

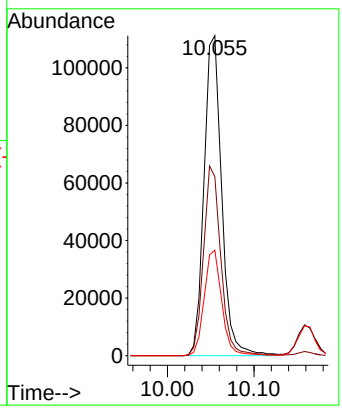




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion:117 Resp: 15771

Ion	Ratio	Lower	Upper
117	100		
82	55.9	46.3	69.5
119	33.0	25.7	38.5



Instrument :
MSVOA_X
ClientSampleId :
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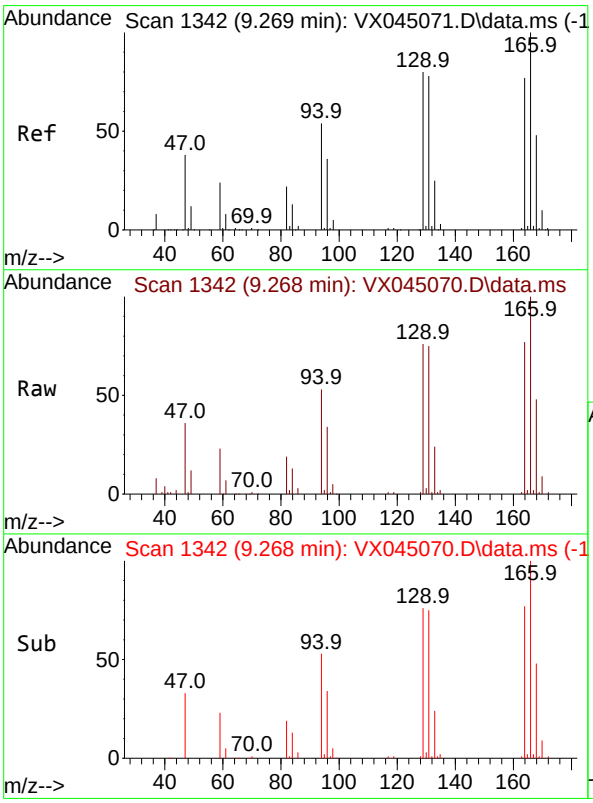
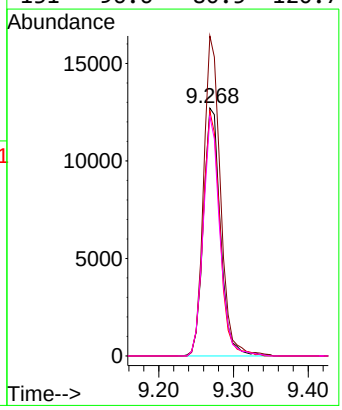
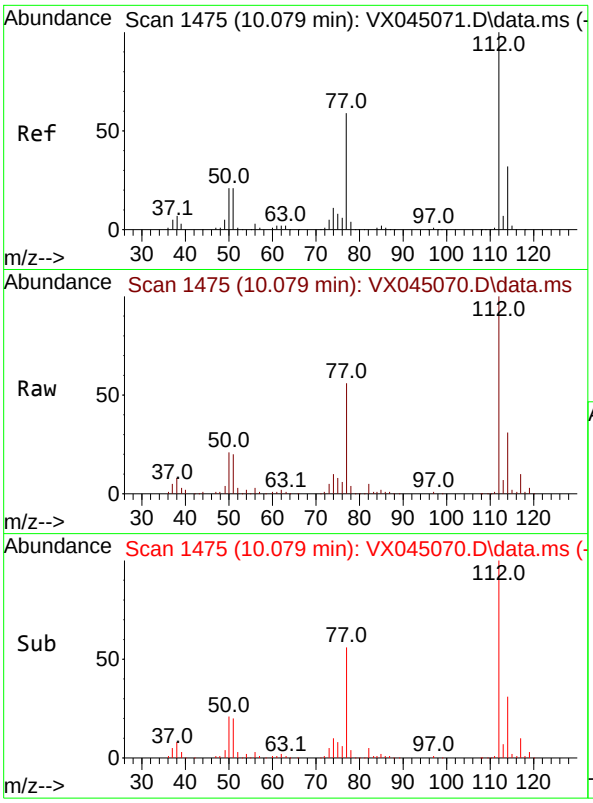


#64
Tetrachloroethene
Concen: 20.102 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion:164 Resp: 20140

Ion	Ratio	Lower	Upper
164	100		
166	129.1	103.6	155.4
129	98.7	82.7	124.1
131	96.6	80.5	120.7

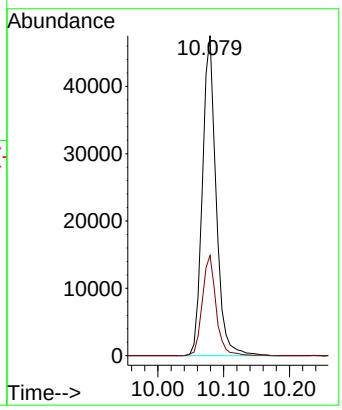




#65
Chlorobenzene
Concen: 20.316 ug/l
RT: 10.079 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion:112 Resp: 6877

Ion	Ratio	Lower	Upper
112	100		
114	31.3	26.0	39.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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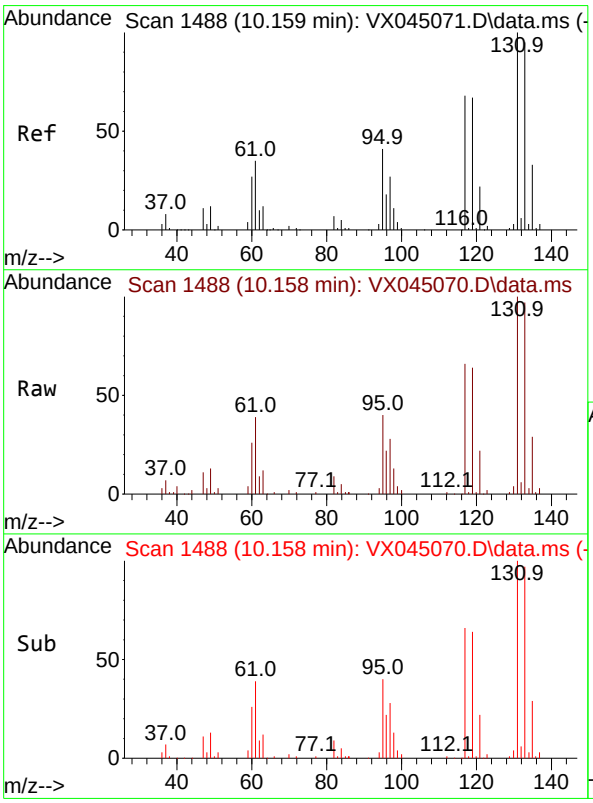
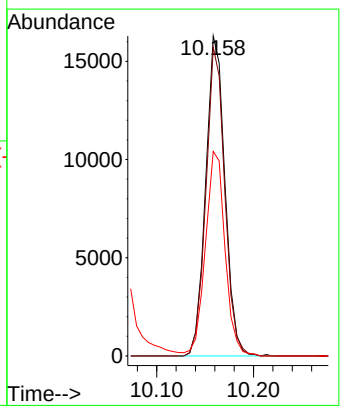
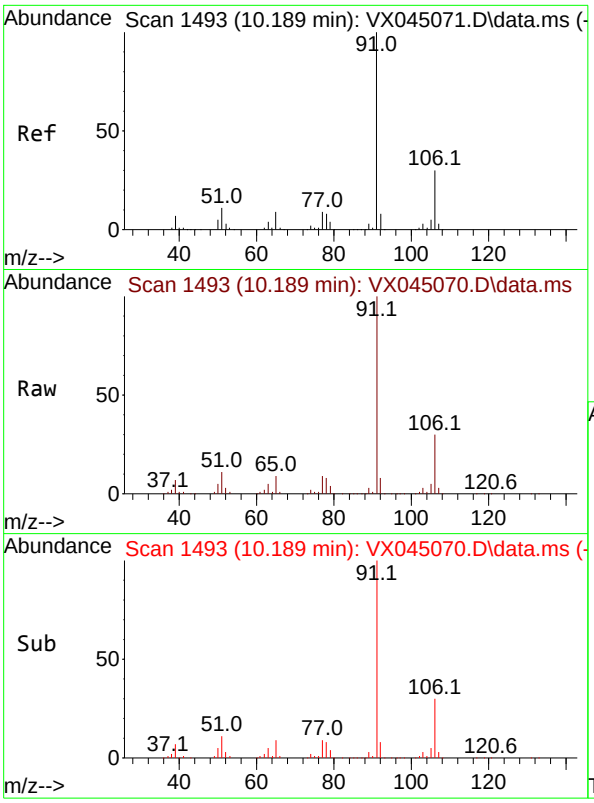


#66
1,1,1,2-Tetrachloroethane
Concen: 20.627 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion:131 Resp: 22508

Ion	Ratio	Lower	Upper
131	100		
133	94.6	48.6	145.9
119	65.4	33.9	101.7

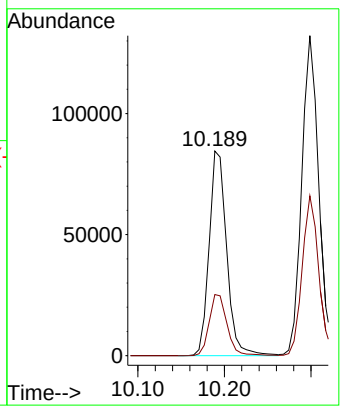




#67
Ethyl Benzene
Concen: 19.905 ug/l
RT: 10.189 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 91 Resp: 11916

Ion	Ratio	Lower	Upper
91	100		
106	29.9	23.9	35.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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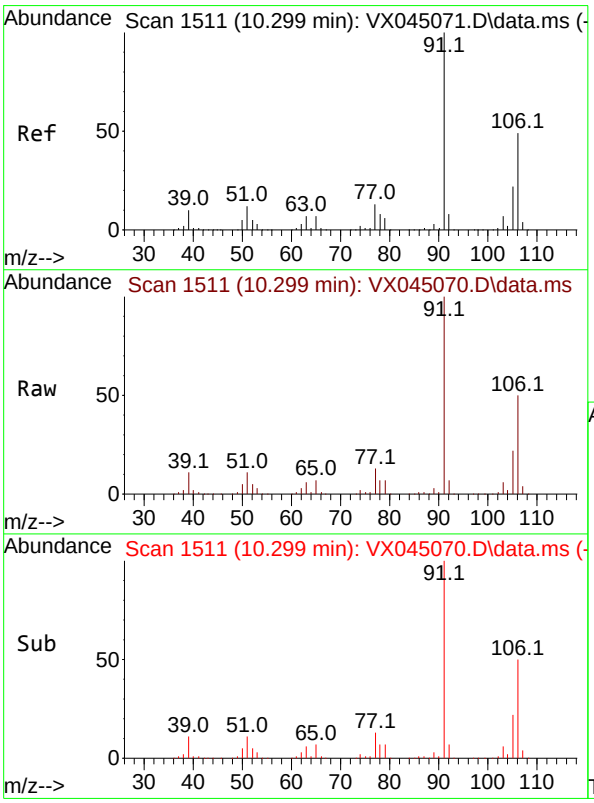
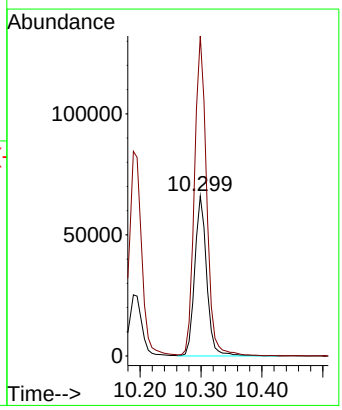
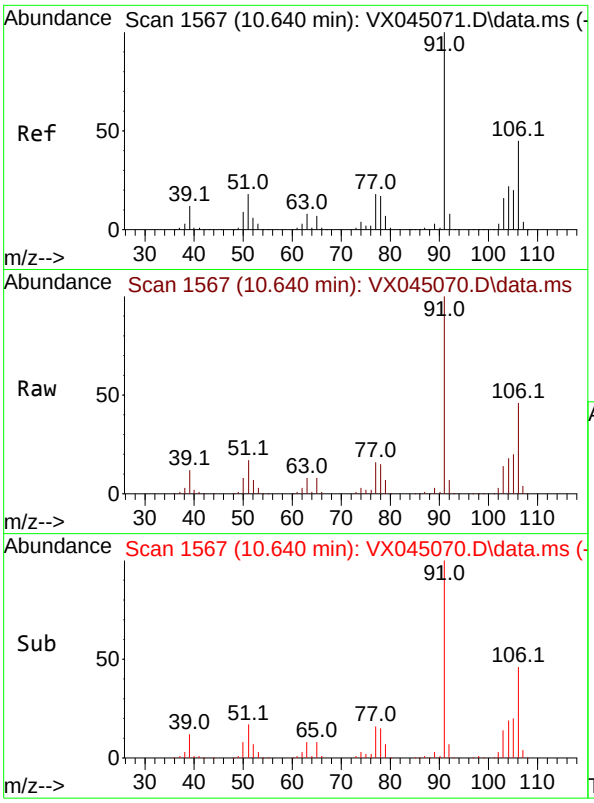


#68
m/p-Xylenes
Concen: 40.699 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion:106 Resp: 89735

Ion	Ratio	Lower	Upper
106	100		
91	204.2	165.4	248.0

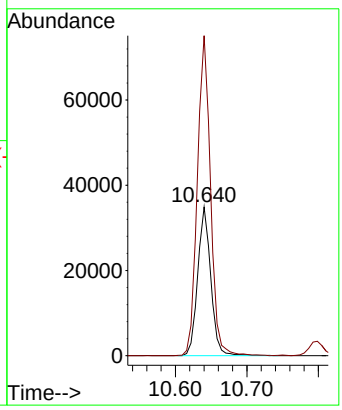




#69
o-Xylene
Concen: 20.018 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion:106 Resp: 4428

Ion	Ratio	Lower	Upper
106	100		
91	216.8	109.9	329.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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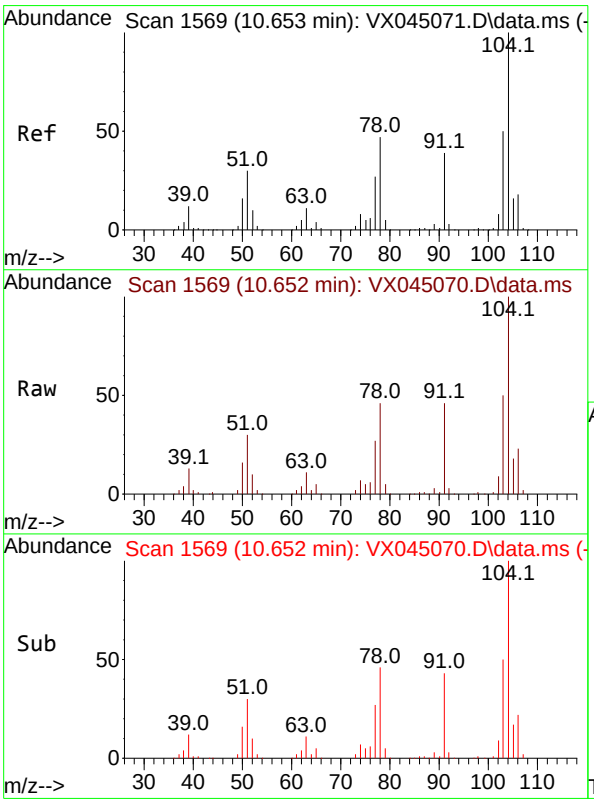
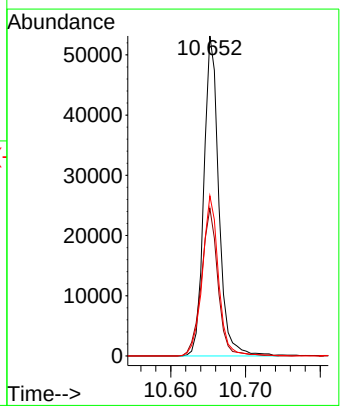
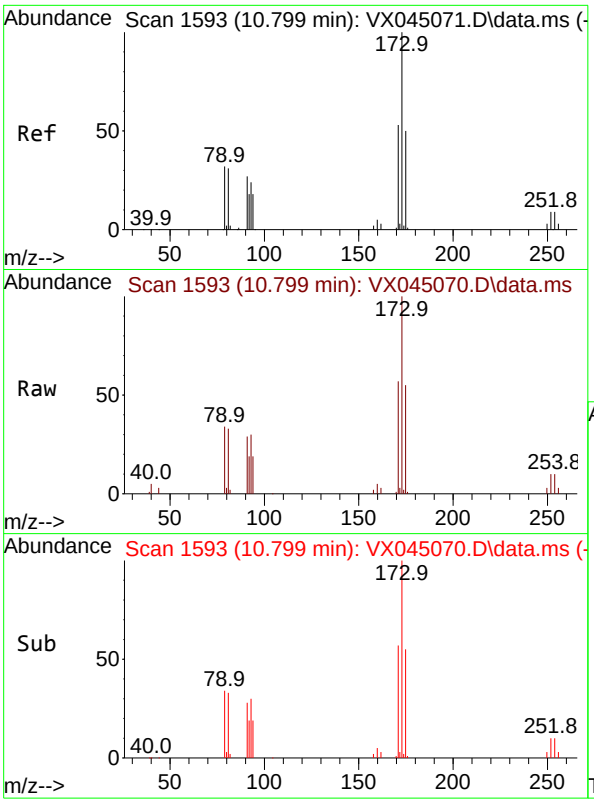


#70
Styrene
Concen: 20.767 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion:104 Resp: 73832

Ion	Ratio	Lower	Upper
104	100		
78	50.9	42.2	63.4
103	54.1	43.8	65.8

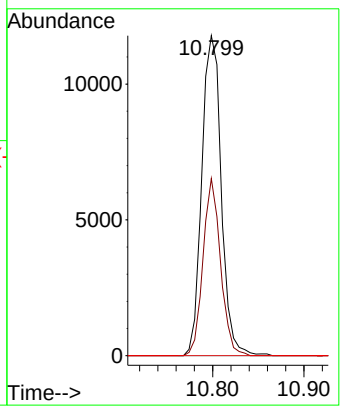




#71
Bromoform
Concen: 21.449 ug/l
RT: 10.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion:173 Resp: 1740

Ion	Ratio	Lower	Upper
173	100		
175	49.7	24.6	73.6
254	0.0	0.0	0.0



Instrument :
MSVOA_X
ClientSampleId :
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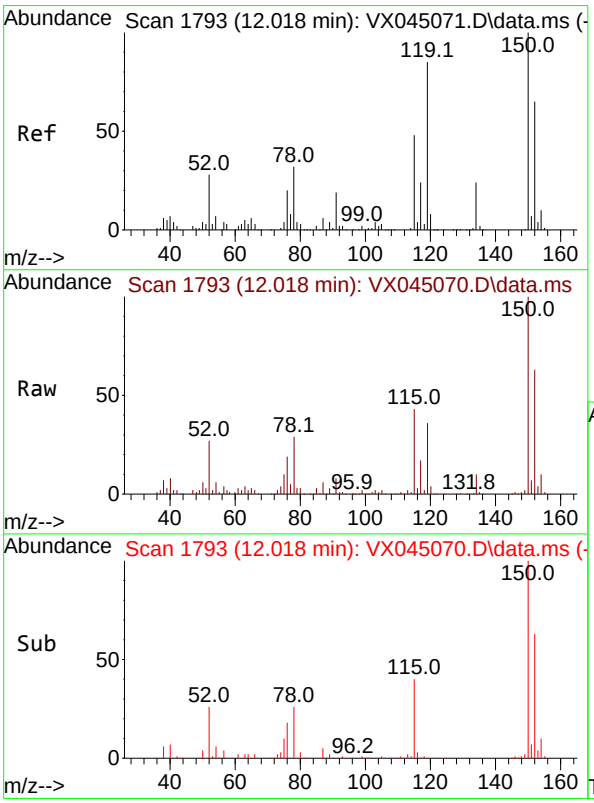
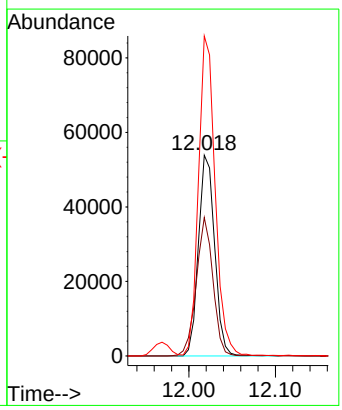
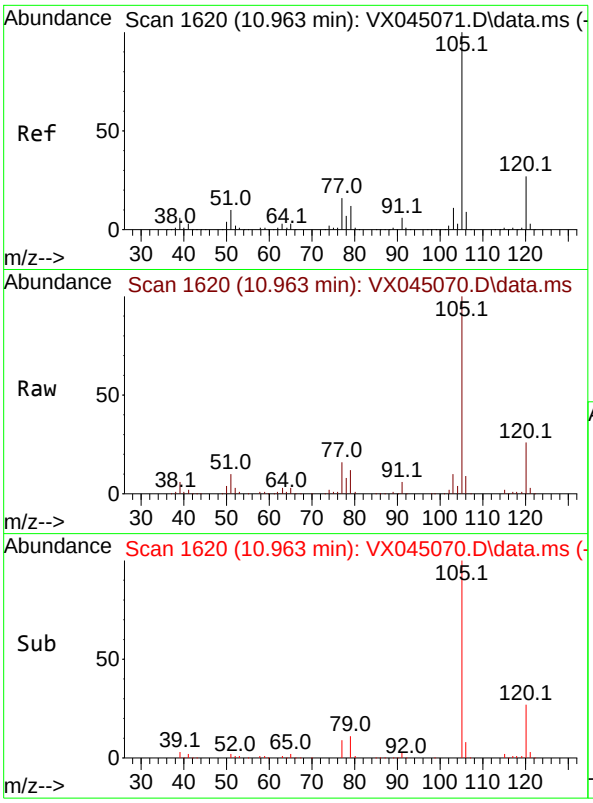


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion:152 Resp: 70072

Ion	Ratio	Lower	Upper
152	100		
115	70.9	44.2	132.6
150	163.4	0.0	349.0

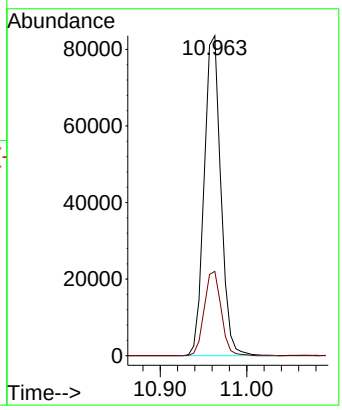




#73
Isopropylbenzene
Concen: 19.794 ug/l
RT: 10.963 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion:105 Resp: 11209

Ion	Ratio	Lower	Upper
105	100		
120	26.7	13.2	39.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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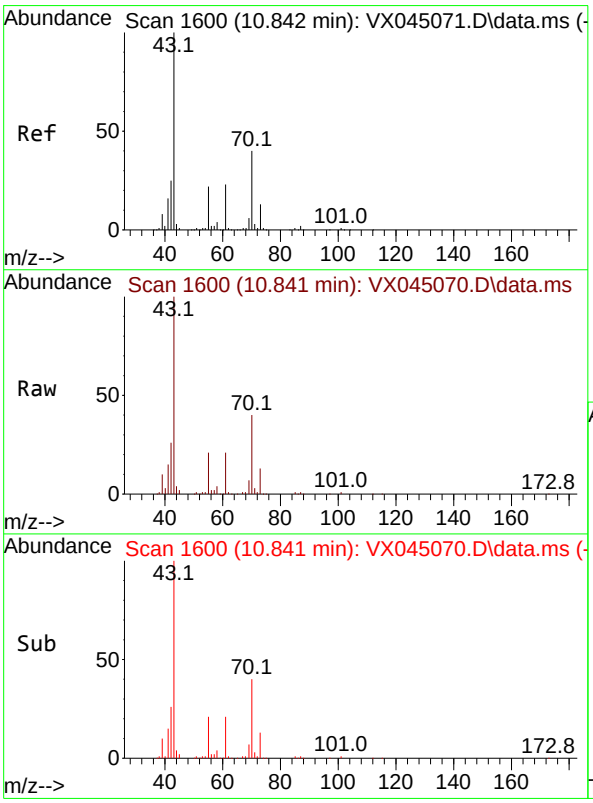
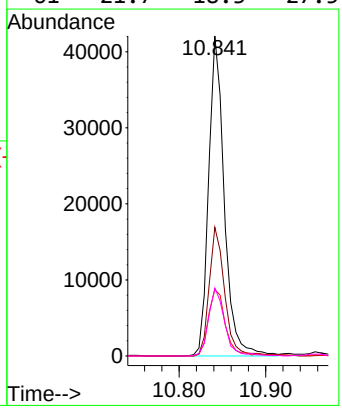
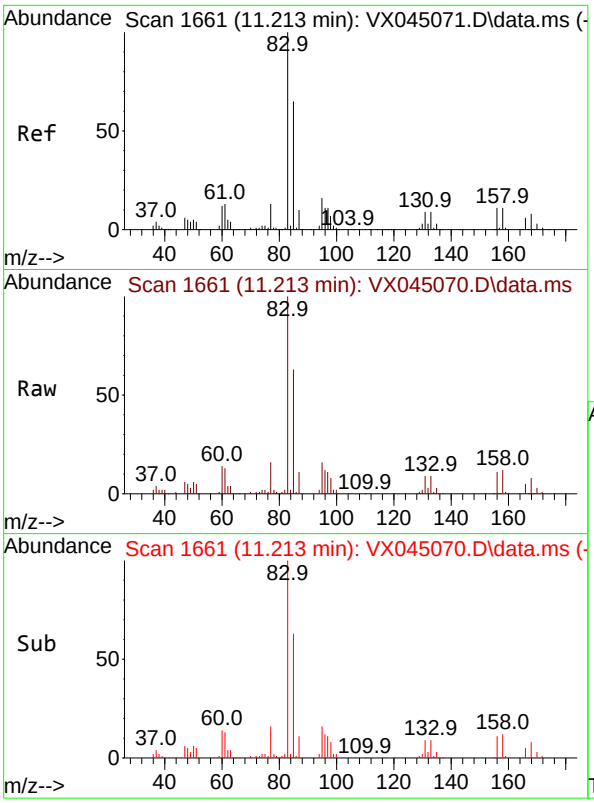


#74
N-amyl acetate
Concen: 20.606 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 43 Resp: 52972

Ion	Ratio	Lower	Upper
43	100		
70	40.0	31.8	47.6
55	23.0	18.3	27.5
61	21.7	18.3	27.5

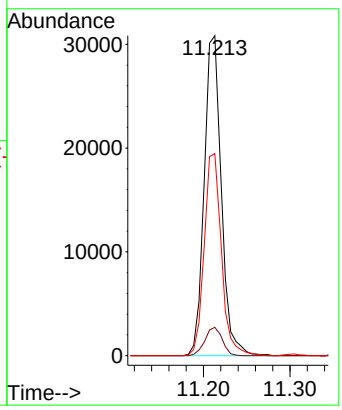




#75
1,1,2,2-Tetrachloroethane
Concen: 21.738 ug/l
RT: 11.213 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 83 Resp: 4241

Ion	Ratio	Lower	Upper
83	100		
131	9.0	4.5	13.4
85	63.4	31.7	95.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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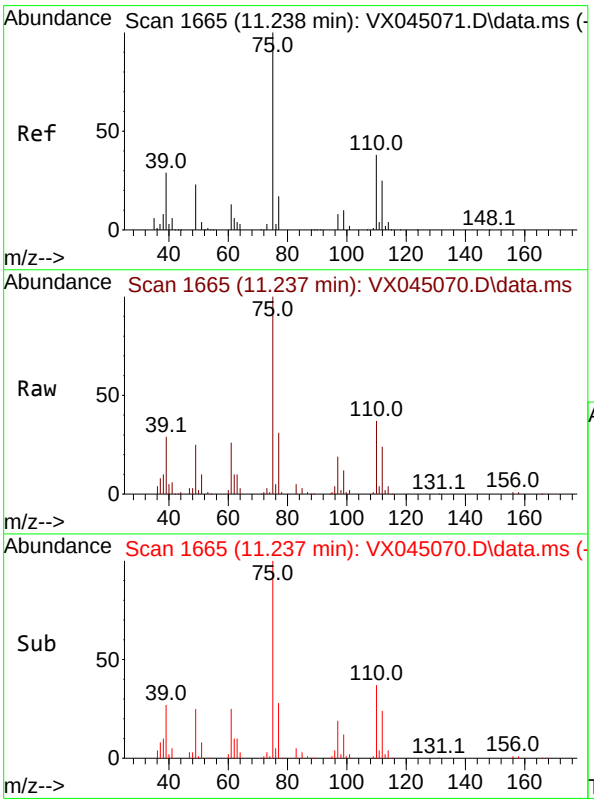
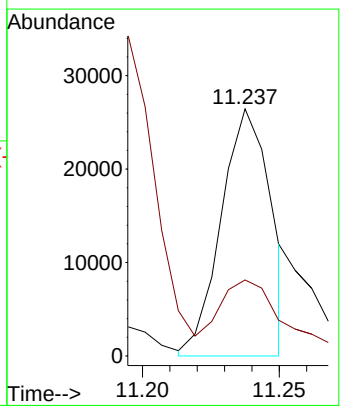
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

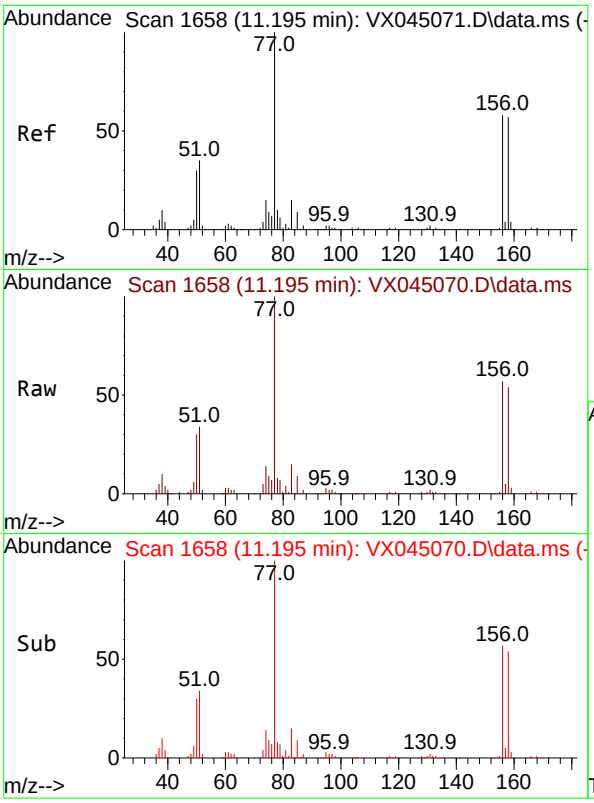


#76
1,2,3-Trichloropropane
Concen: 21.394 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 75 Resp: 33440

Ion	Ratio	Lower	Upper
75	100		
77	40.6	20.7	62.1

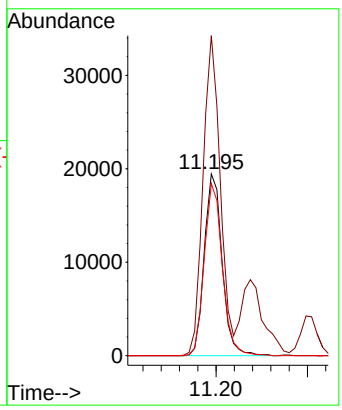




#77
Bromobenzene
Concen: 20.466 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion:156 Resp: 2631

Ion	Ratio	Lower	Upper
156	100		
77	170.2	85.8	257.4
158	95.9	48.4	145.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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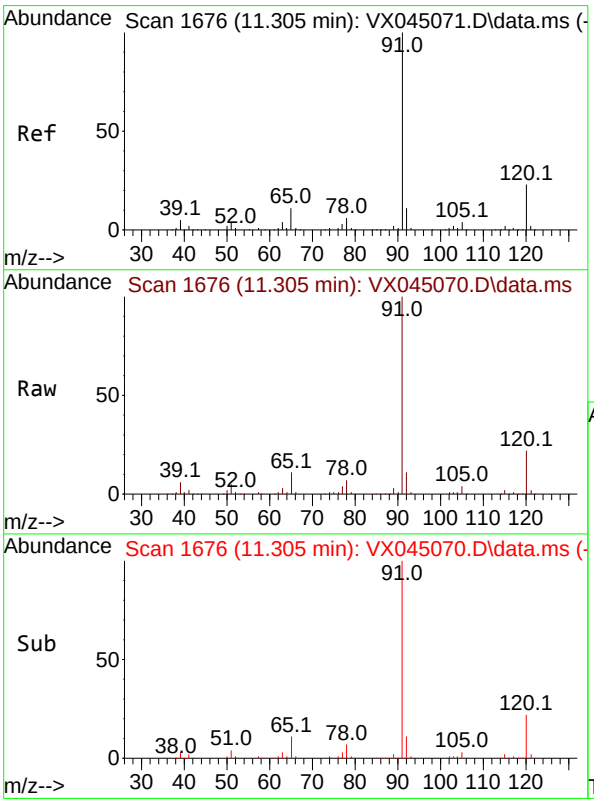
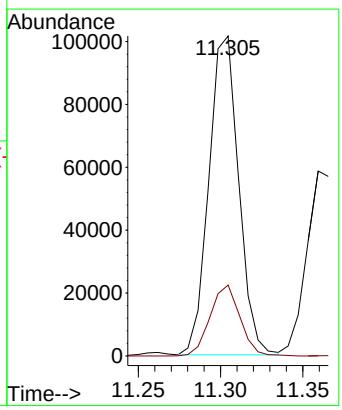
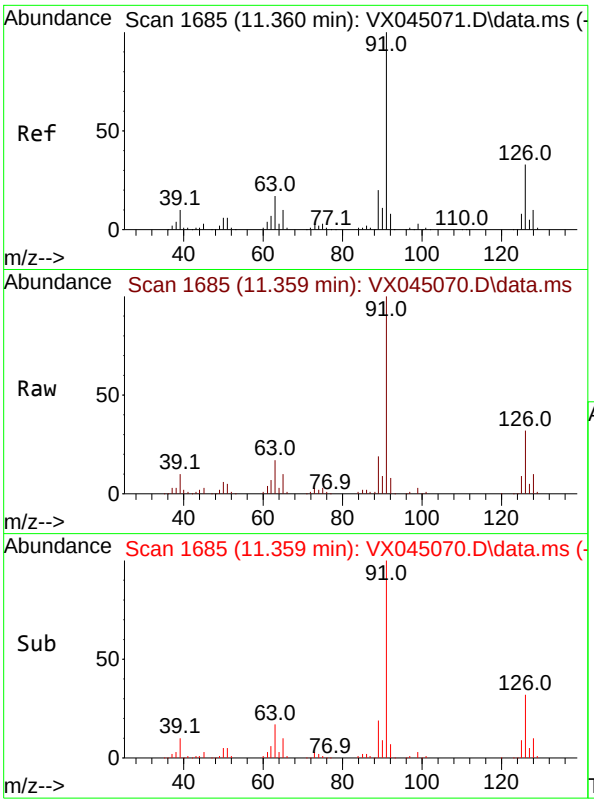


#78
n-propylbenzene
Concen: 19.641 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 91 Resp: 128284

Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.2	33.6





#79
2-Chlorotoluene
Concen: 19.775 ug/l
RT: 11.359 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 91 Resp: 7927

Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.4	49.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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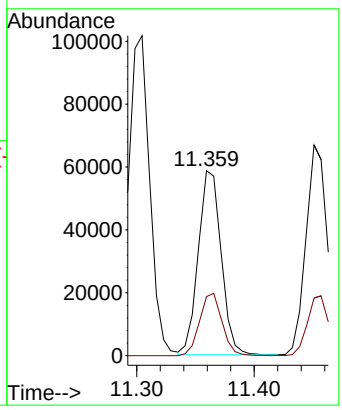
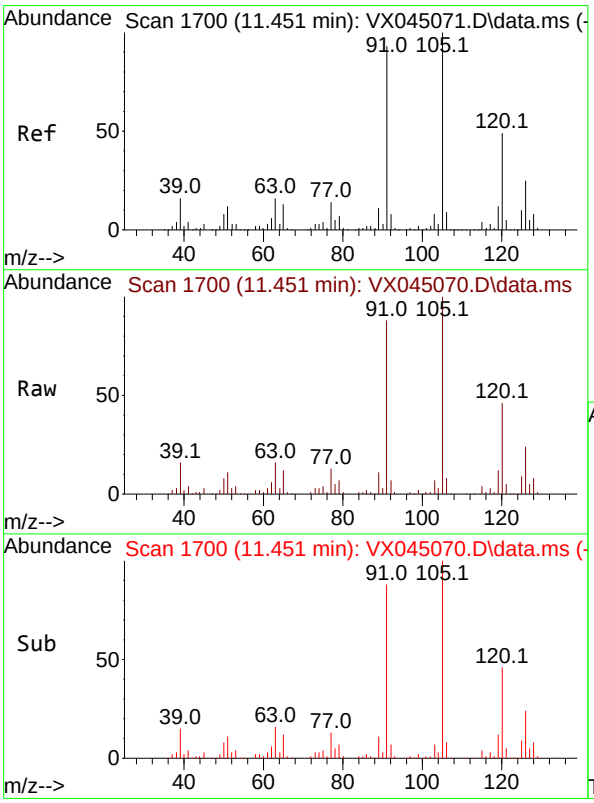
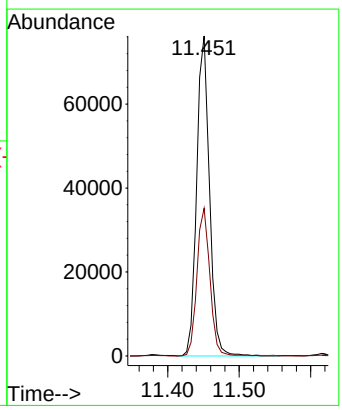


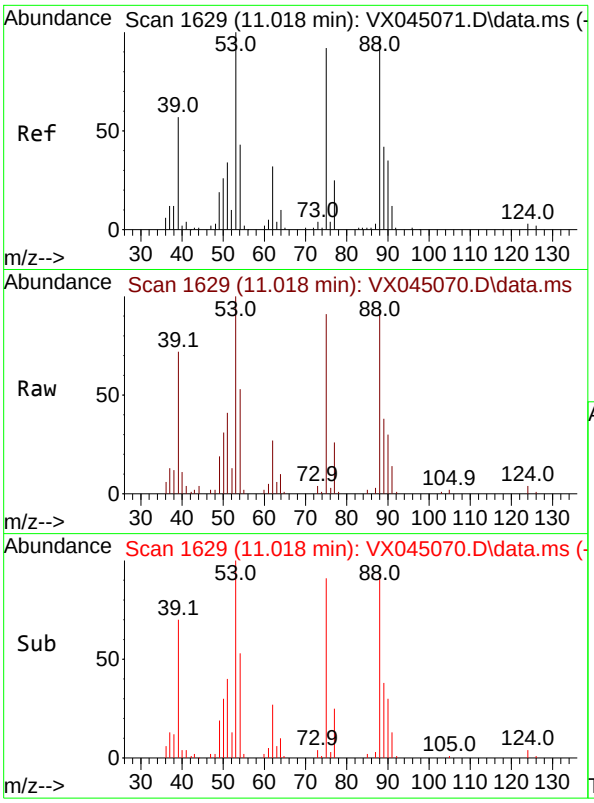


#80
1,3,5-Trimethylbenzene
Concen: 20.581 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion:105 Resp: 94545

Ion	Ratio	Lower	Upper
105	100		
120	46.8	24.1	72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 15.196 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 75 Resp: 875

Ion	Ratio	Lower	Upper
75	100		
53	115.4	88.5	132.7
89	44.3	36.2	54.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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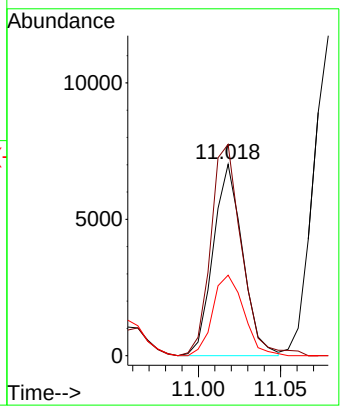
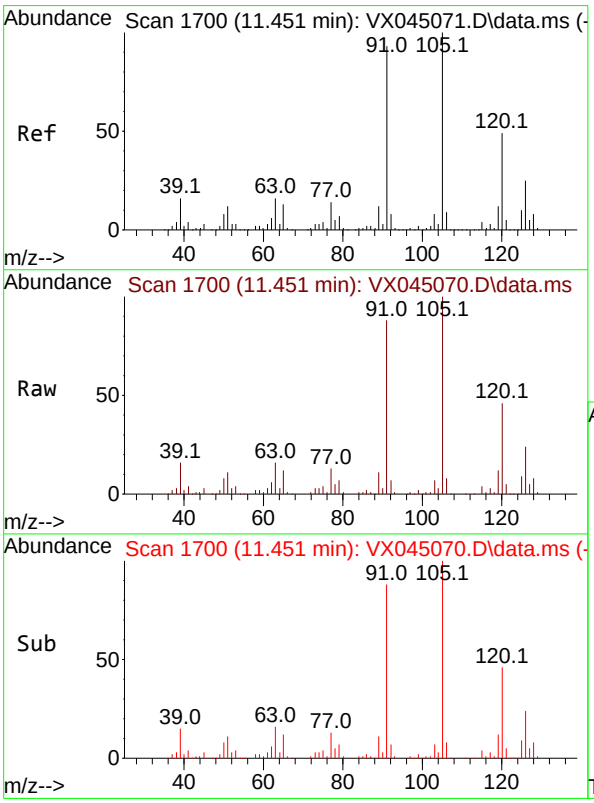
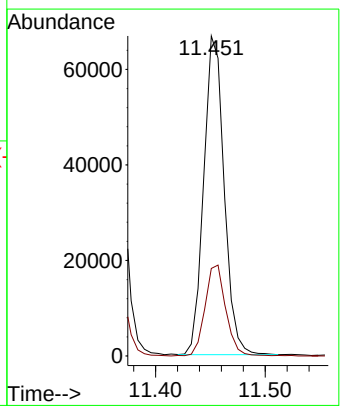


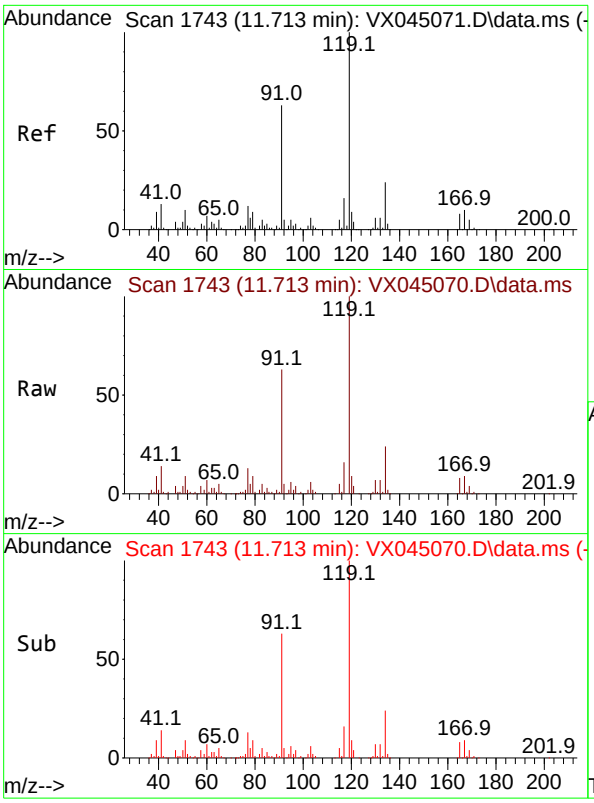


#82
4-Chlorotoluene
Concen: 19.443 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 91 Resp: 86281

Ion	Ratio	Lower	Upper
91	100		
126	29.1	14.1	42.4

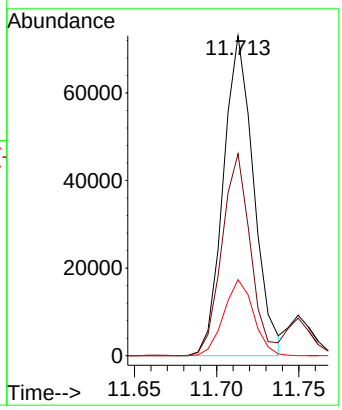




#83
tert-Butylbenzene
Concen: 20.159 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion:119 Resp: 9367

Ion	Ratio	Lower	Upper
119	100		
91	60.0	30.7	92.1
134	23.4	11.7	35.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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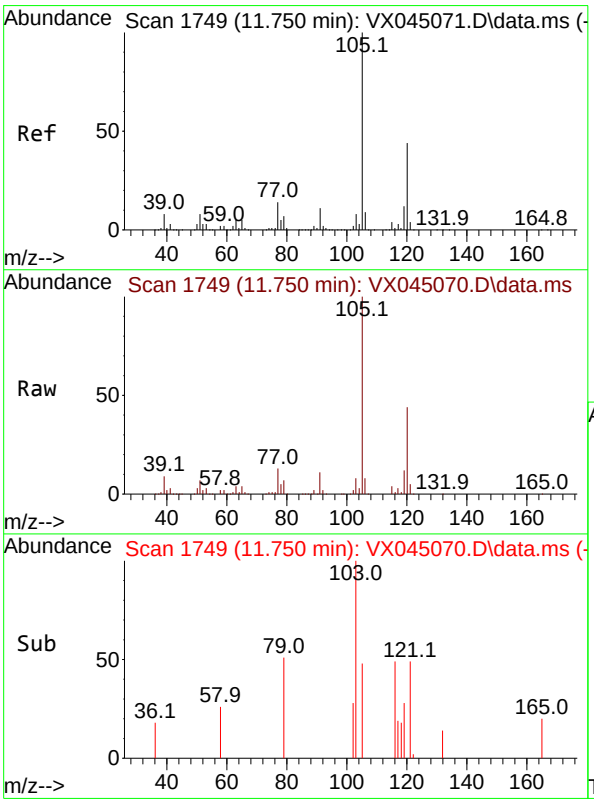
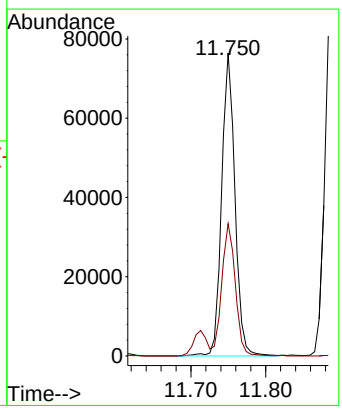
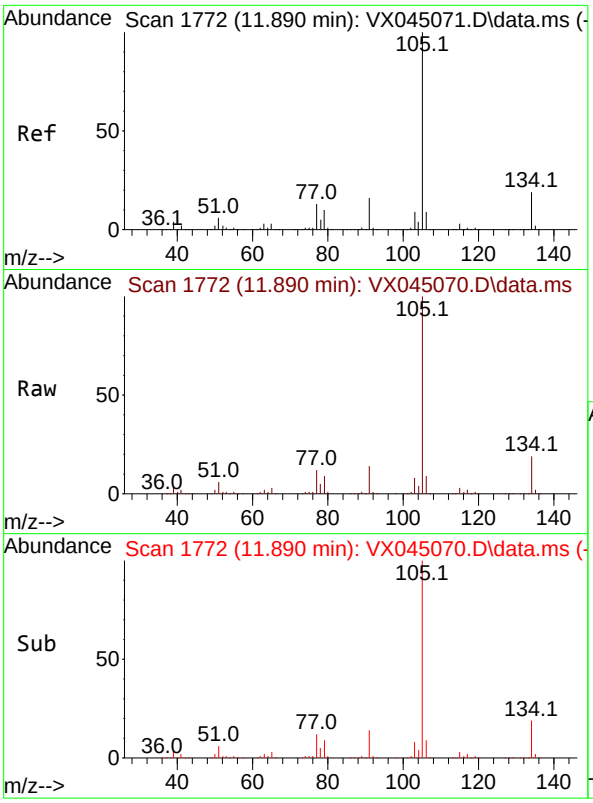


#84
1,2,4-Trimethylbenzene
Concen: 20.943 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion:105 Resp: 94734

Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.1	66.1

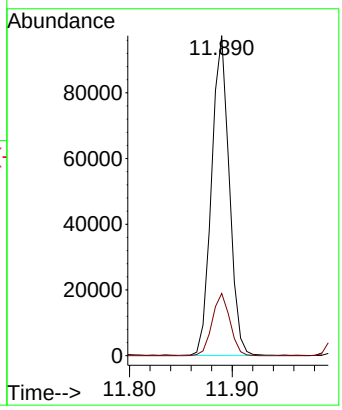




#85
sec-Butylbenzene
Concen: 20.160 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion:105 Resp: 11595

Ion	Ratio	Lower	Upper
105	100		
134	19.6	9.8	29.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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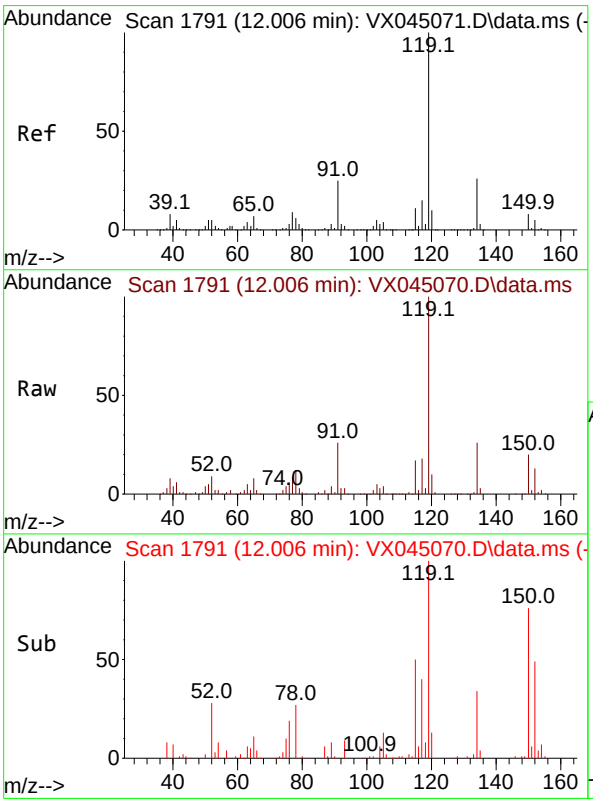
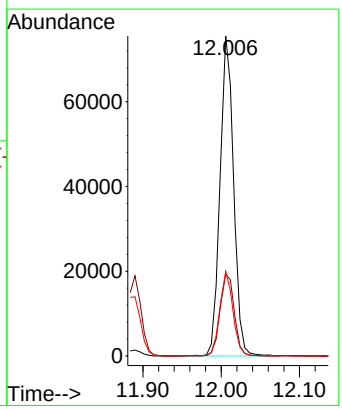
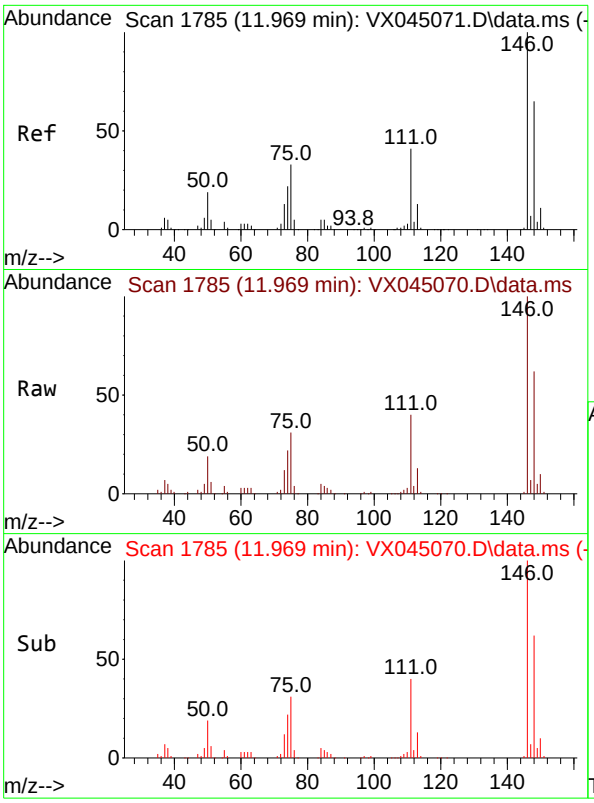


#86
p-Isopropyltoluene
Concen: 19.827 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion:119 Resp: 91554

Ion	Ratio	Lower	Upper
119	100		
134	26.8	12.9	38.6
91	25.6	12.7	38.0

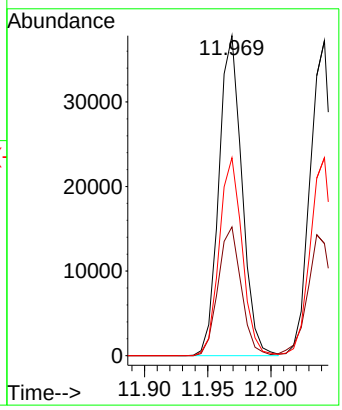




#87
1,3-Dichlorobenzene
Concen: 20.400 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion:146 Resp: 4793

Ion	Ratio	Lower	Upper
146	100		
111	40.2	21.1	63.4
148	61.6	31.9	95.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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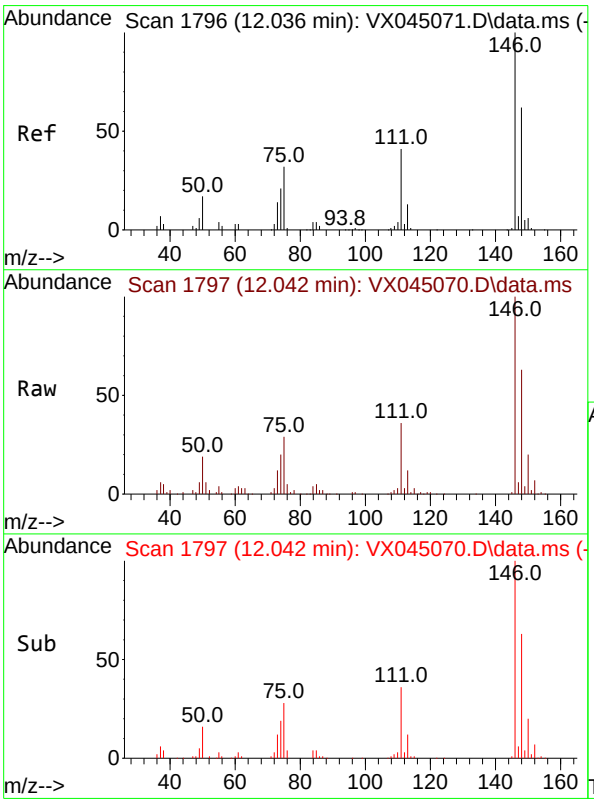
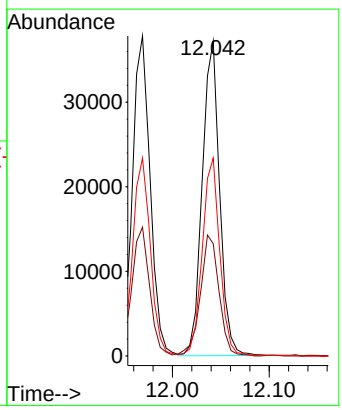
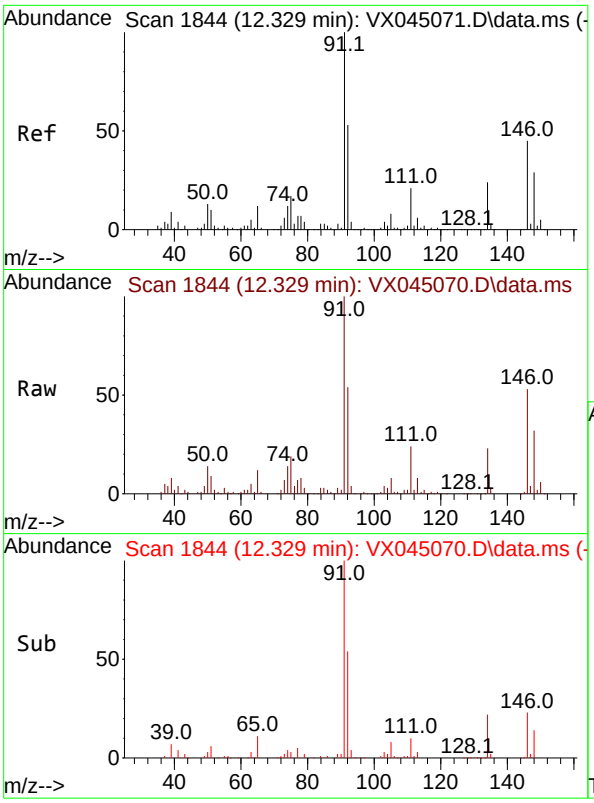


#88
1,4-Dichlorobenzene
Concen: 19.615 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion:146 Resp: 46657

Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.2	60.5
148	63.8	31.9	95.9

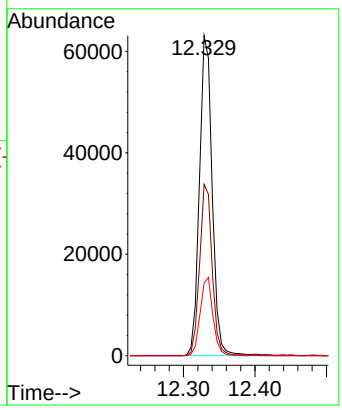




#89
n-Butylbenzene
Concen: 19.249 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 91 Resp: 7813

Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.7	80.0
134	24.3	12.2	36.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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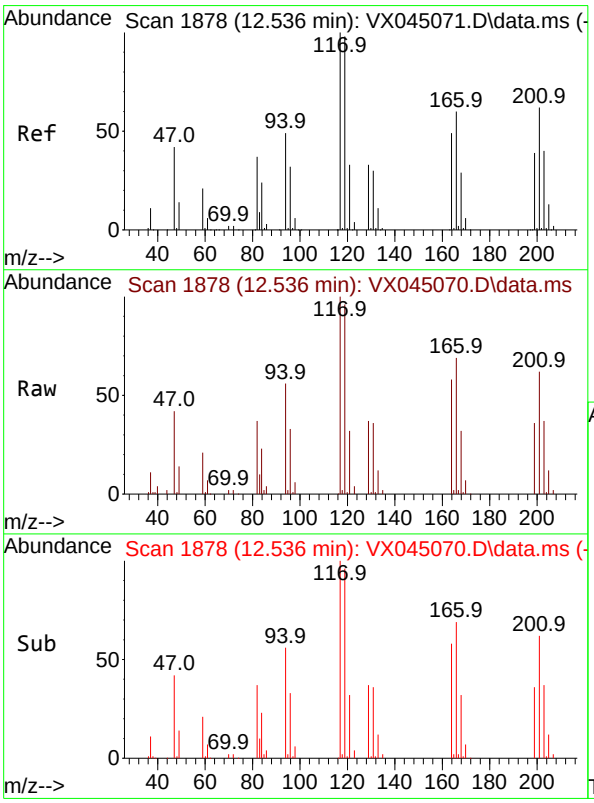
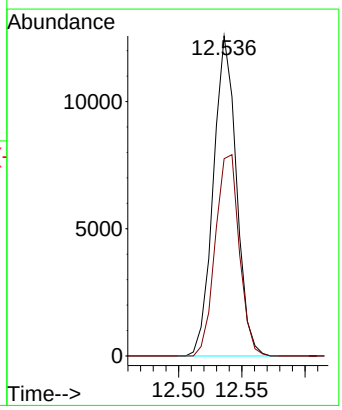
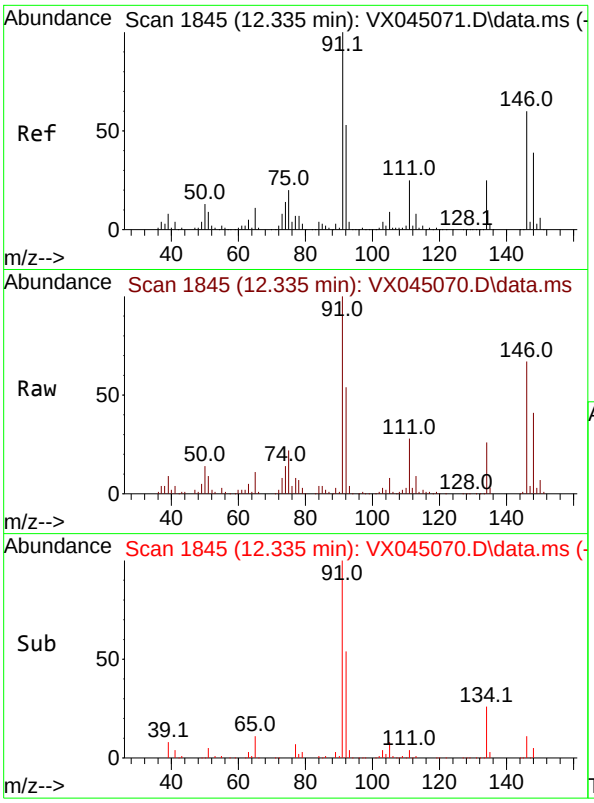


#90
Hexachloroethane
Concen: 18.483 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion:117 Resp: 15919

Ion	Ratio	Lower	Upper
117	100		
201	65.6	31.9	95.9

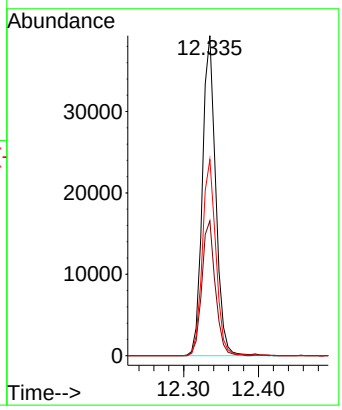




#91
1,2-Dichlorobenzene
Concen: 21.031 ug/l
RT: 12.335 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion:146 Resp: 4863

Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.6	65.0
148	62.1	31.9	95.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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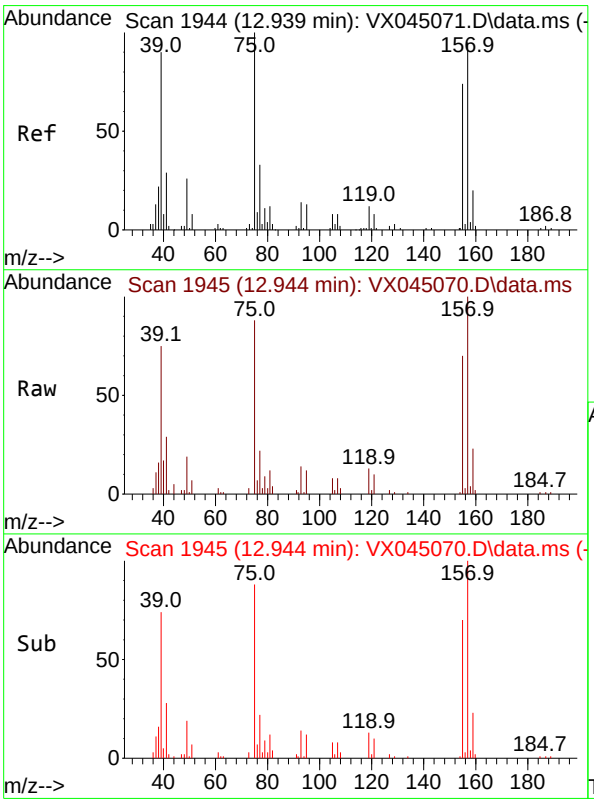
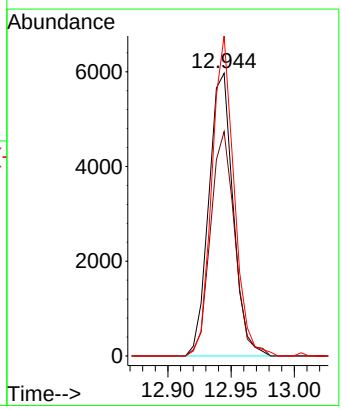
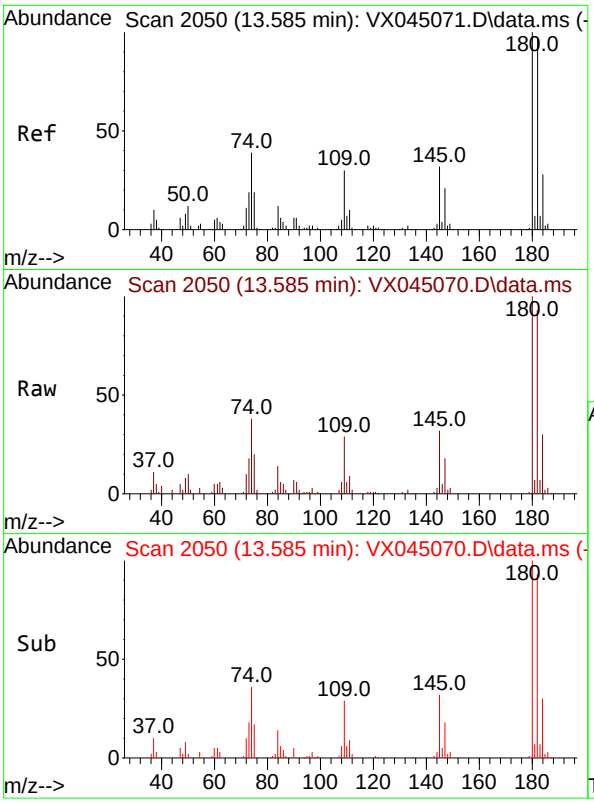


#92
1,2-Dibromo-3-Chloropropane
Concen: 22.119 ug/l
RT: 12.944 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 75 Resp: 7987

Ion	Ratio	Lower	Upper
75	100		
155	78.7	39.6	118.7
157	103.3	51.1	153.4

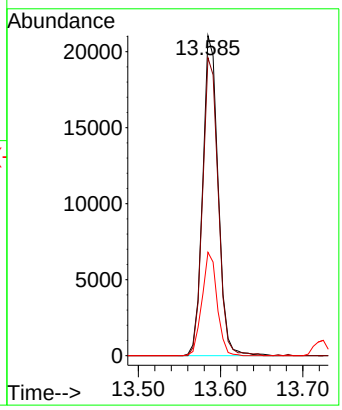




#93
1,2,4-Trichlorobenzene
Concen: 19.617 ug/l
RT: 13.585 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion:180 Resp: 2742

Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.3	141.9
145	31.5	16.3	48.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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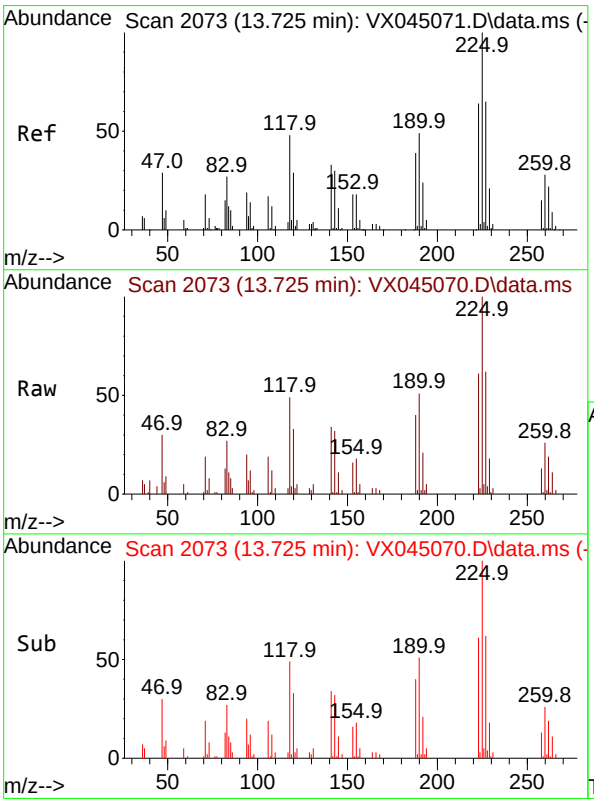
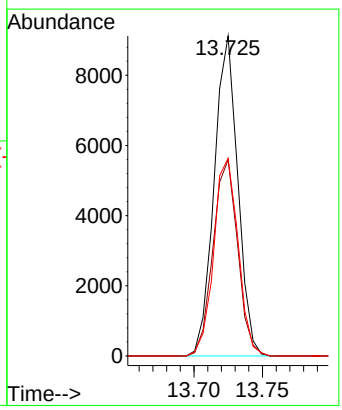
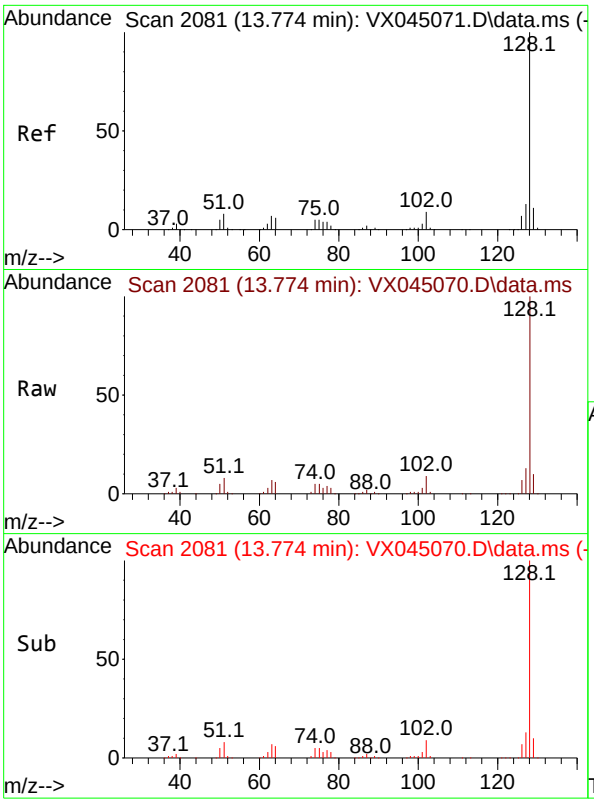


#94
Hexachlorobutadiene
Concen: 19.616 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion:225 Resp: 10934

Ion	Ratio	Lower	Upper
225	100		
223	63.7	31.9	95.7
227	63.7	31.4	94.0

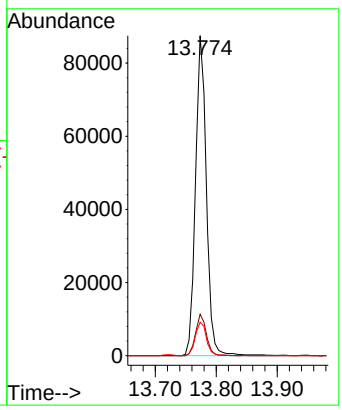




#95
Naphthalene
Concen: 21.279 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion:128 Resp: 10835

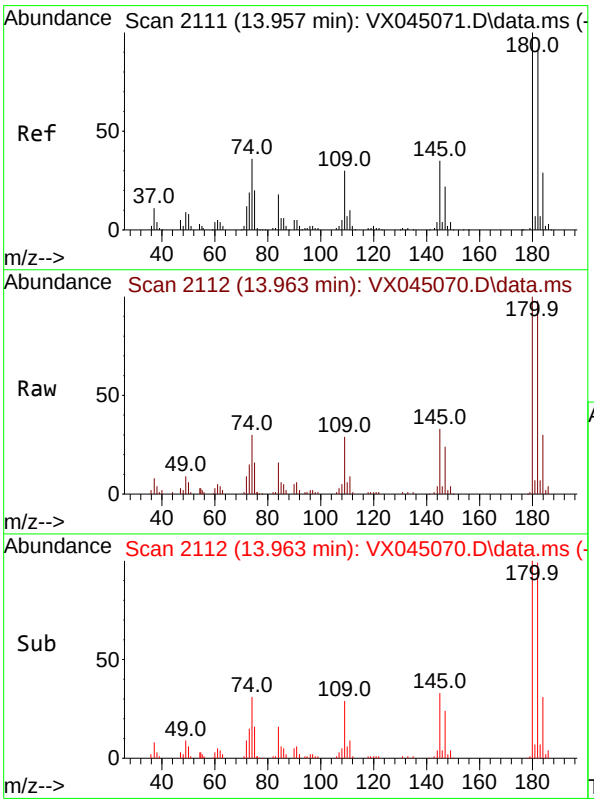
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	10.8	8.7	13.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

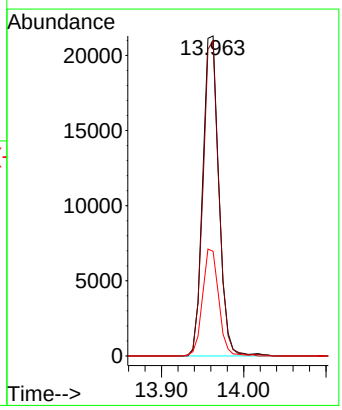
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#96
1,2,3-Trichlorobenzene
Concen: 20.432 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion:180 Resp: 28937

Ion	Ratio	Lower	Upper
180	100		
182	97.0	47.5	142.6
145	33.7	17.0	50.9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045071.D
Acq On : 28 Feb 2025 03:00
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

Quant Time: Feb 28 05:34:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	103235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	186358	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	162079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	71264	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	78159	51.250	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.500%			
35) Dibromofluoromethane	5.385	113	61323	50.346	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.700%			
50) Toluene-d8	8.647	98	225493	49.449	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.900%			
62) 4-Bromofluorobenzene	11.079	95	74945	49.212	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.420%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	64743	45.502	ug/l	100
3) Chloromethane	1.307	50	77729	44.894	ug/l	100
4) Vinyl Chloride	1.374	62	78524	46.434	ug/l	100
5) Bromomethane	1.593	94	30169	57.066	ug/l	100
6) Chloroethane	1.660	64	38461	59.750	ug/l	100
7) Trichlorofluoromethane	1.868	101	108411	50.047	ug/l	100
8) Diethyl Ether	2.136	74	40001	50.814	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.313	101	61312	47.399	ug/l	100
10) Methyl Iodide	2.441	142	79357	47.854	ug/l	100
11) Tert butyl alcohol	2.983	59	69139	247.496	ug/l	100
12) 1,1-Dichloroethene	2.307	96	64327	48.434	ug/l	100
13) Acrolein	2.233	56	89603	296.189	ug/l	100
14) Allyl chloride	2.654	41	114313	47.875	ug/l	100
15) Acrylonitrile	3.062	53	211455	278.519	ug/l	100
16) Acetone	2.386	43	181429	289.130	ug/l	100
17) Carbon Disulfide	2.502	76	171353	47.419	ug/l	100
18) Methyl Acetate	2.703	43	89508	47.359	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	215043	50.642	ug/l	100
20) Methylene Chloride	2.782	84	72081	48.500	ug/l	100
21) trans-1,2-Dichloroethene	3.087	96	65093	49.832	ug/l	100
22) Diisopropyl ether	3.764	45	236563	51.816	ug/l	100
23) Vinyl Acetate	3.721	43	1018631	271.773	ug/l	100
24) 1,1-Dichloroethane	3.605	63	128235	50.270	ug/l	100
25) 2-Butanone	4.562	43	298785	295.330	ug/l	100
26) 2,2-Dichloropropane	4.471	77	61631	32.498	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	78657	49.955	ug/l	100
28) Bromochloromethane	4.898	49	62299	50.643	ug/l	100
29) Tetrahydrofuran	5.007	42	192607	287.345	ug/l	100
30) Chloroform	5.087	83	128581	51.532	ug/l	100
31) Cyclohexane	5.464	56	114333	48.836	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	105671	50.306	ug/l	100
36) 1,1-Dichloropropene	5.690	75	87338	49.861	ug/l	100
37) Ethyl Acetate	4.715	43	112892	56.641	ug/l	100
38) Carbon Tetrachloride	5.672	117	87123	50.593	ug/l	100
39) Methylcyclohexane	7.373	83	108974	48.715	ug/l	100
40) Benzene	6.031	78	278802	50.925	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045071.D
Acq On : 28 Feb 2025 03:00
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Feb 28 05:34:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	63454	59.598	ug/l		100
42) 1,2-Dichloroethane	6.080	62	98340	55.428	ug/l		100
43) Isopropyl Acetate	6.342	43	173045	54.544	ug/l		100
44) Trichloroethene	7.123	130	63513	50.756	ug/l		100
45) 1,2-Dichloropropane	7.428	63	69128	50.808	ug/l		100
46) Dibromomethane	7.580	93	50143	52.757	ug/l		100
47) Bromodichloromethane	7.818	83	97729	53.153	ug/l		100
48) Methyl methacrylate	7.690	41	86231	57.256	ug/l		100
49) 1,4-Dioxane	7.659	88	35053	1095.003	ug/l		100
51) 4-Methyl-2-Pentanone	8.574	43	568737	292.570	ug/l		100
52) Toluene	8.714	92	167431	51.505	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	87373	48.078	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	99713	49.079	ug/l		100
55) 1,1,2-Trichloroethane	9.147	97	66379	52.724	ug/l		100
56) Ethyl methacrylate	9.116	69	106157	52.724	ug/l		100
57) 1,3-Dichloropropane	9.305	76	115488	52.594	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	264555	267.612	ug/l		100
59) 2-Hexanone	9.427	43	416984	297.362	ug/l		100
60) Dibromochloromethane	9.519	129	71569	53.284	ug/l		100
61) 1,2-Dibromoethane	9.604	107	66312	52.217	ug/l		100
64) Tetrachloroethene	9.269	164	52531	51.021	ug/l		100
65) Chlorobenzene	10.079	112	176922	50.853	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	57642	51.402	ug/l		100
67) Ethyl Benzene	10.189	91	316427	51.431	ug/l		100
68) m/p-Xylenes	10.299	106	234554	103.515	ug/l		100
69) o-Xylene	10.640	106	114440	50.341	ug/l		100
70) Styrene	10.653	104	191406	52.387	ug/l		100
71) Bromoform	10.799	173	44730	53.645	ug/l	#	100
73) Isopropylbenzene	10.963	105	294694	51.167	ug/l		100
74) N-amyl acetate	10.842	43	140869	53.881	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.213	83	101089	50.945	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	81743m	51.421	ug/l		
77) Bromobenzene	11.195	156	66904	51.173	ug/l		100
78) n-propylbenzene	11.305	91	342399	51.546	ug/l		100
79) 2-Chlorotoluene	11.360	91	204484	50.154	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	241129	51.613	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	24135	41.172	ug/l		100
82) 4-Chlorotoluene	11.451	91	230493	51.072	ug/l		100
83) tert-Butylbenzene	11.713	119	240510	50.895	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	240719	52.326	ug/l		100
85) sec-Butylbenzene	11.890	105	300393	51.353	ug/l		100
86) p-Isopropyltoluene	12.006	119	244031	51.964	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	118879	49.747	ug/l		100
88) 1,4-Dichlorobenzene	12.036	146	120217	49.694	ug/l		100
89) n-Butylbenzene	12.329	91	214685	52.006	ug/l		100
90) Hexachloroethane	12.536	117	43086	49.188	ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	118896	50.557	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20610	56.123	ug/l		100
93) 1,2,4-Trichlorobenzene	13.585	180	71897	50.571	ug/l		100
94) Hexachlorobutadiene	13.725	225	27916	49.245	ug/l		100
95) Naphthalene	13.774	128	278086	53.700	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	75482	52.406	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045071.D
Acq On : 28 Feb 2025 03:00
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

Quant Time: Feb 28 05:34:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration

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

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

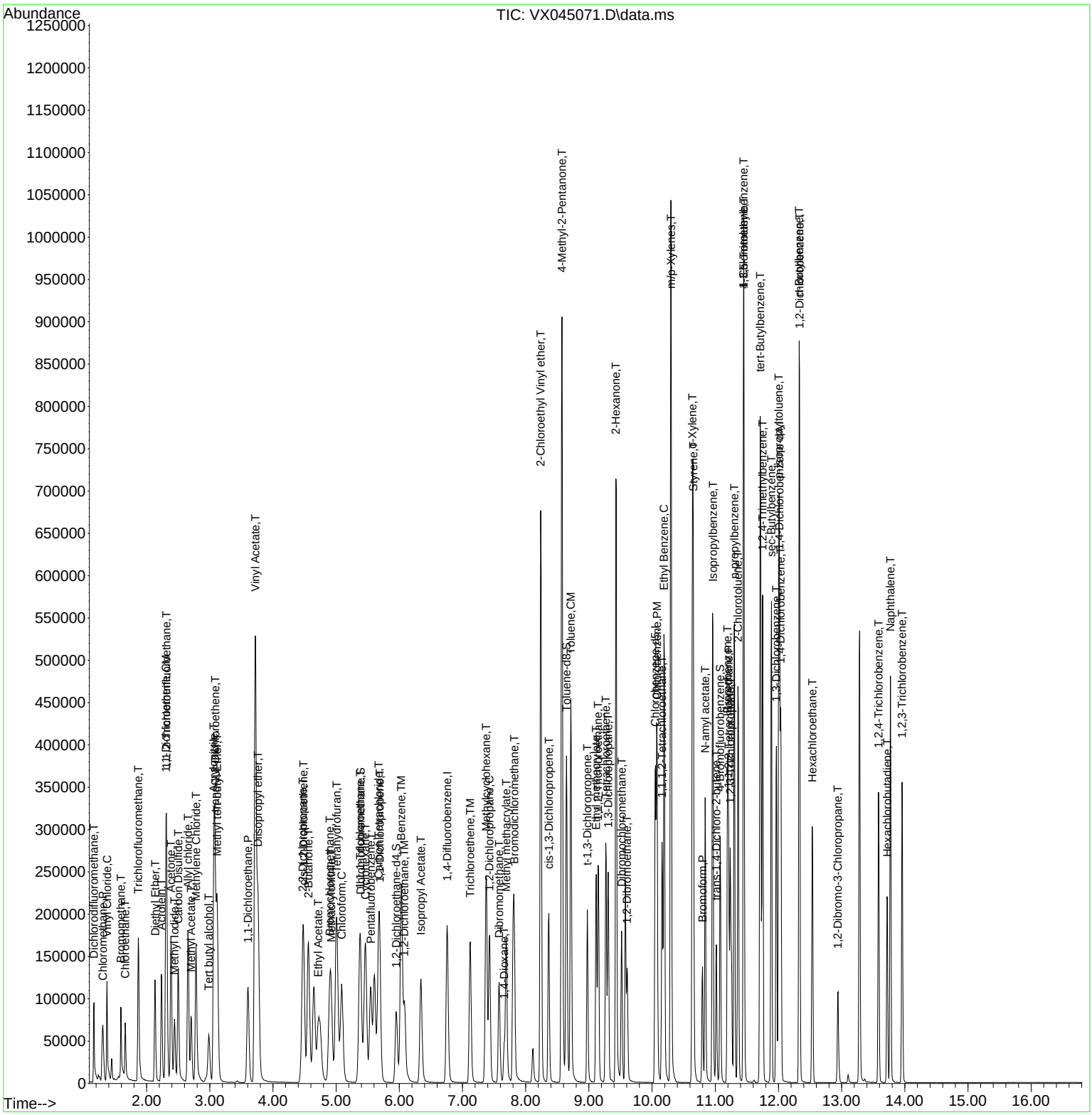
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045071.D
Acq On : 28 Feb 2025 03:00
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

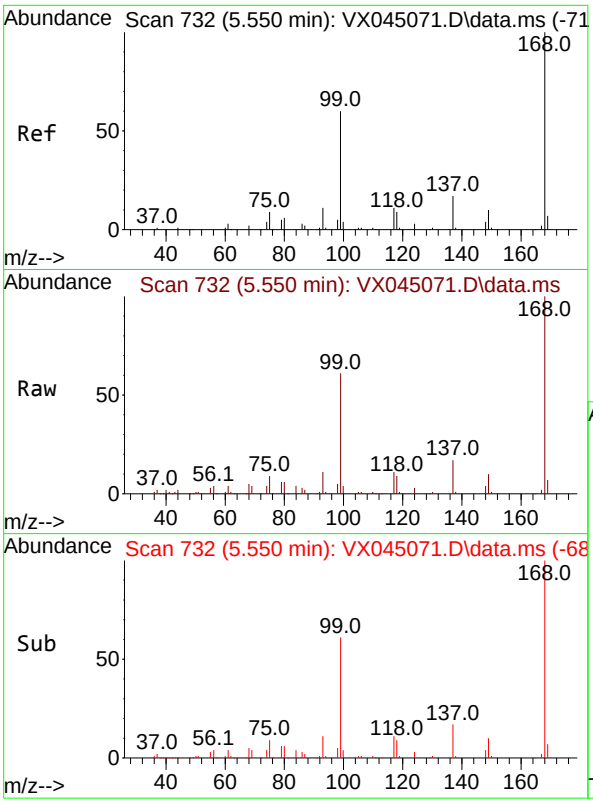
Quant Time: Feb 28 05:34:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

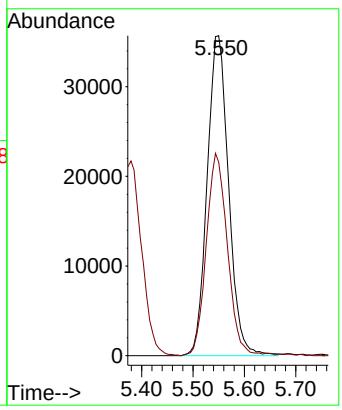




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion:168 Resp: 10323

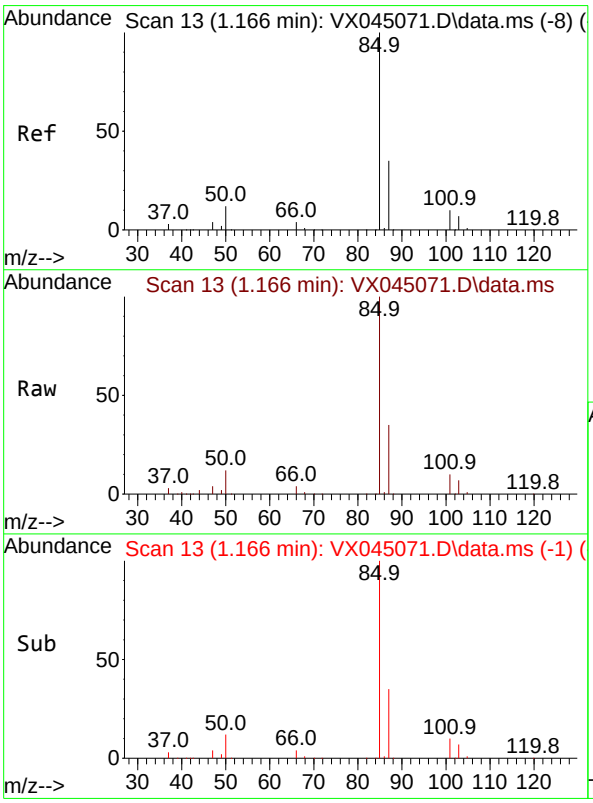
Ion	Ratio	Lower	Upper
168	100		
99	60.3	48.2	72.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

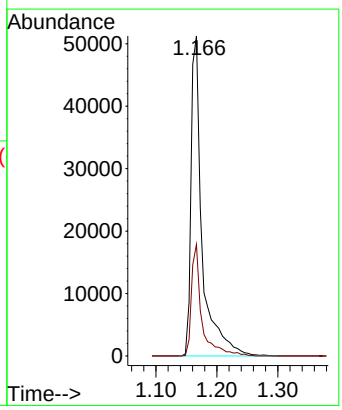
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

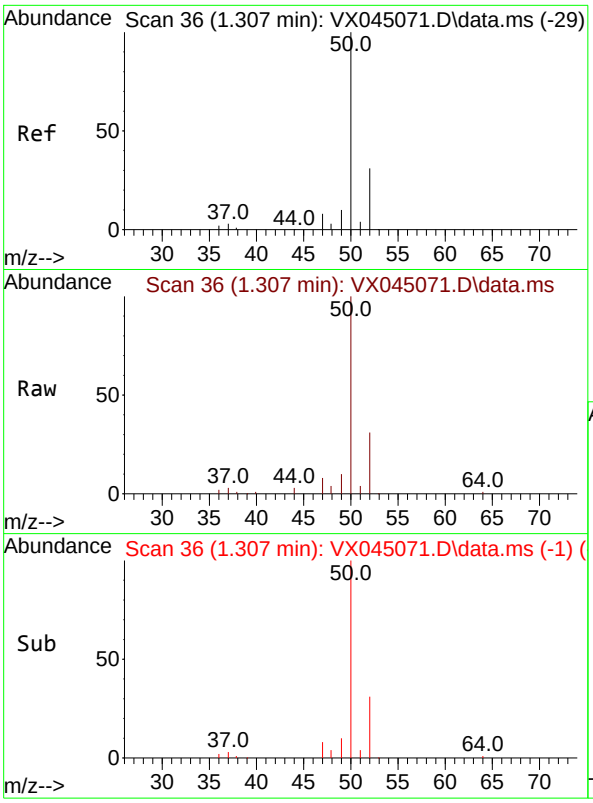


#2
Dichlorodifluoromethane
Concen: 45.502 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 85 Resp: 64743

Ion	Ratio	Lower	Upper
85	100		
87	34.9	17.4	52.3

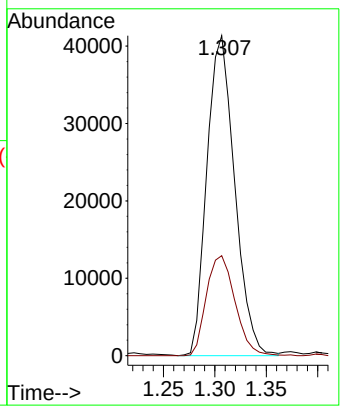




#3
Chloromethane
Concen: 44.894 ug/l
RT: 1.307 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 50 Resp: 7772

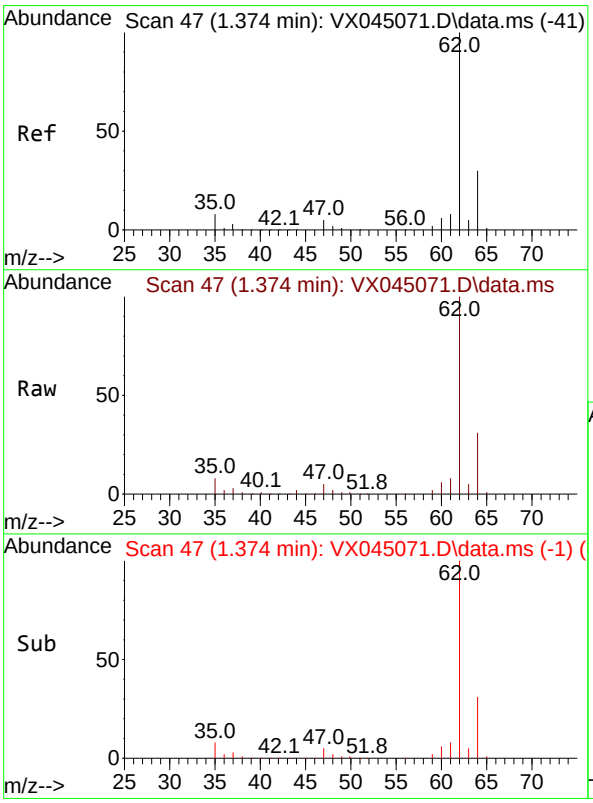
Ion	Ratio	Lower	Upper
50	100		
52	31.2	25.0	37.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

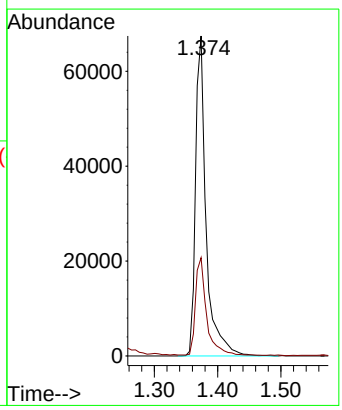
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

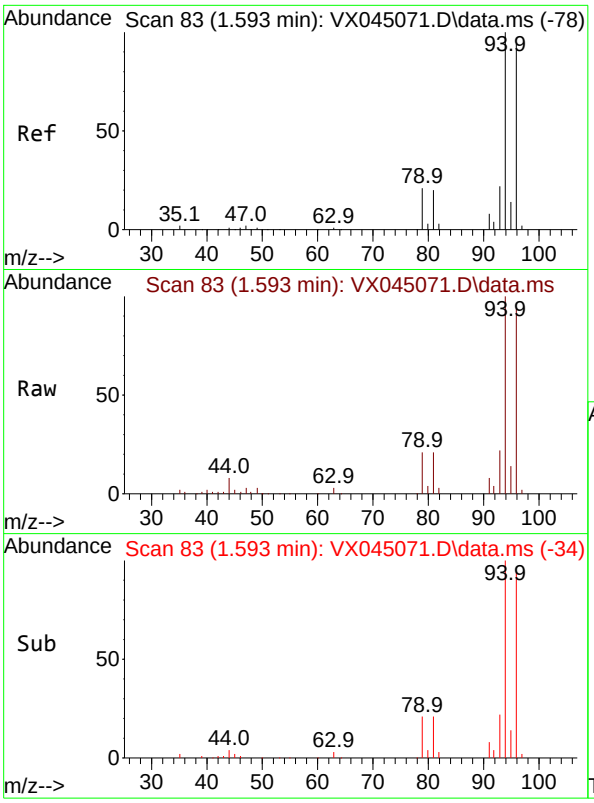


#4
Vinyl Chloride
Concen: 46.434 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 62 Resp: 78524

Ion	Ratio	Lower	Upper
62	100		
64	30.4	24.3	36.5

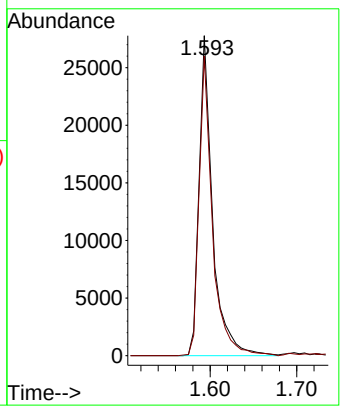




#5
Bromomethane
Concen: 57.066 ug/l
RT: 1.593 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 94 Resp: 3016

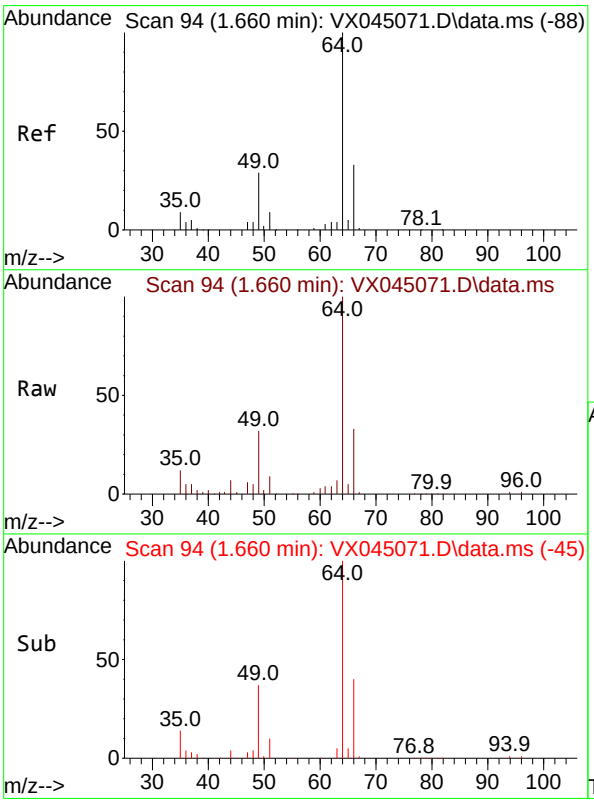
Ion	Ratio	Lower	Upper
94	100		
96	93.7	75.0	112.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

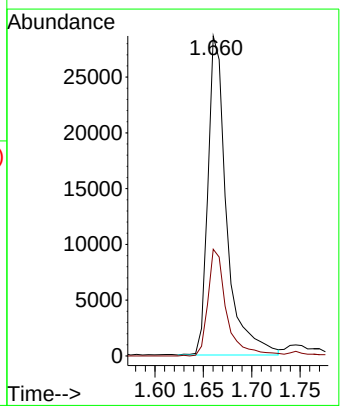
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

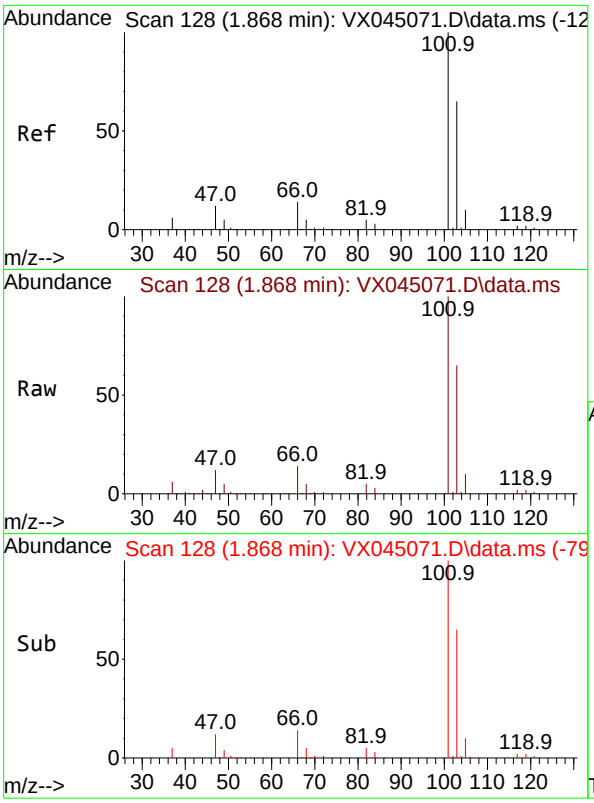


#6
Chloroethane
Concen: 59.750 ug/l
RT: 1.660 min Scan# 94
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 64 Resp: 38461

Ion	Ratio	Lower	Upper
64	100		
66	33.4	26.7	40.1

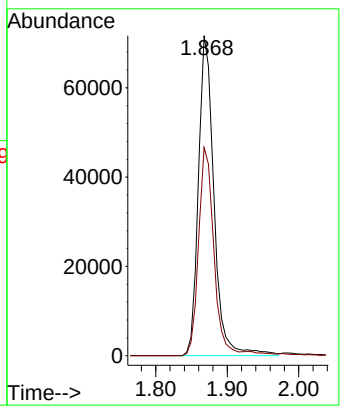




#7
Trichlorofluoromethane
Concen: 50.047 ug/l
RT: 1.868 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion:101 Resp: 10841

Ion	Ratio	Lower	Upper
101	100		
103	65.1	52.1	78.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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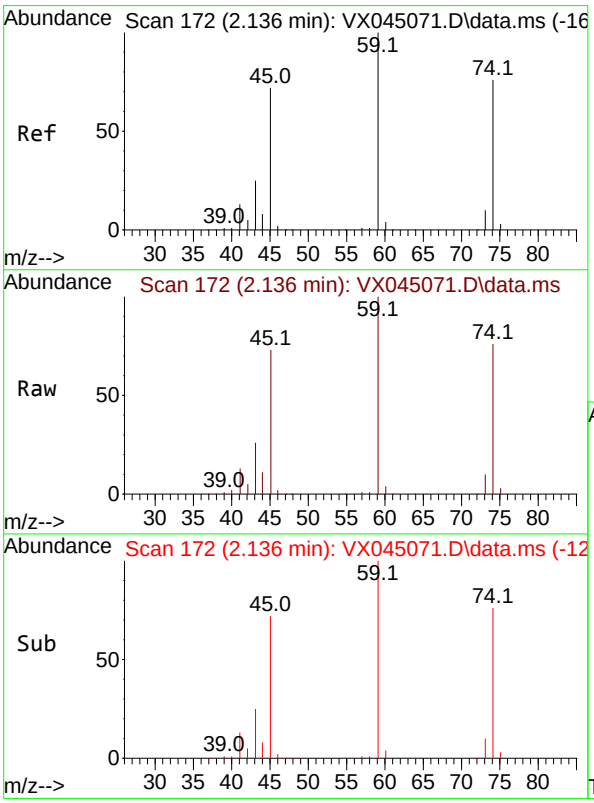
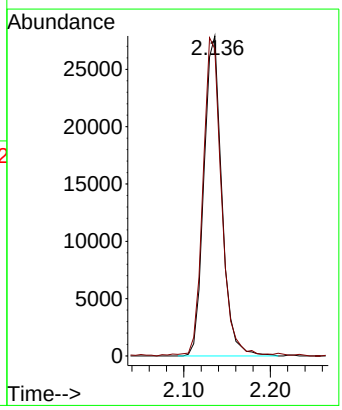
Supervised By :Mahesh Dadoda 02/28/2025

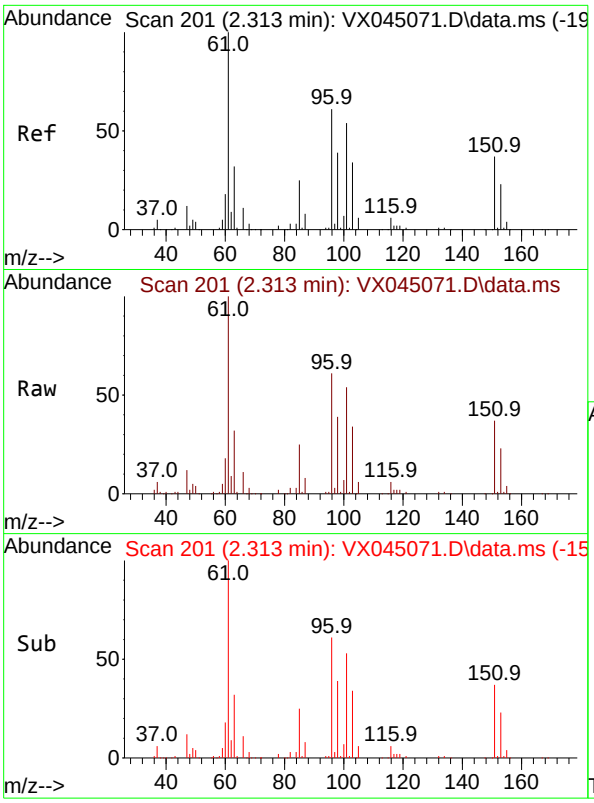


#8
Diethyl Ether
Concen: 50.814 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 74 Resp: 40001

Ion	Ratio	Lower	Upper
74	100		
45	103.0	51.5	154.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.399 ug/l
RT: 2.313 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion:101 Resp: 6131

Ion	Ratio	Lower	Upper
101	100		
85	45.3	36.2	54.4
151	70.5	56.4	84.6

Instrument :
MSVOA_X
ClientSampleId :
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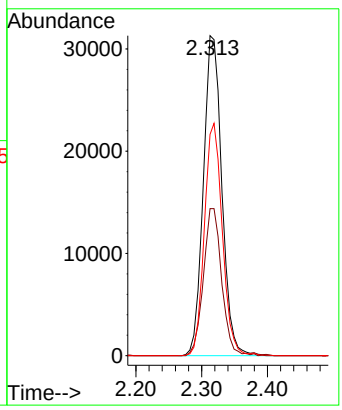
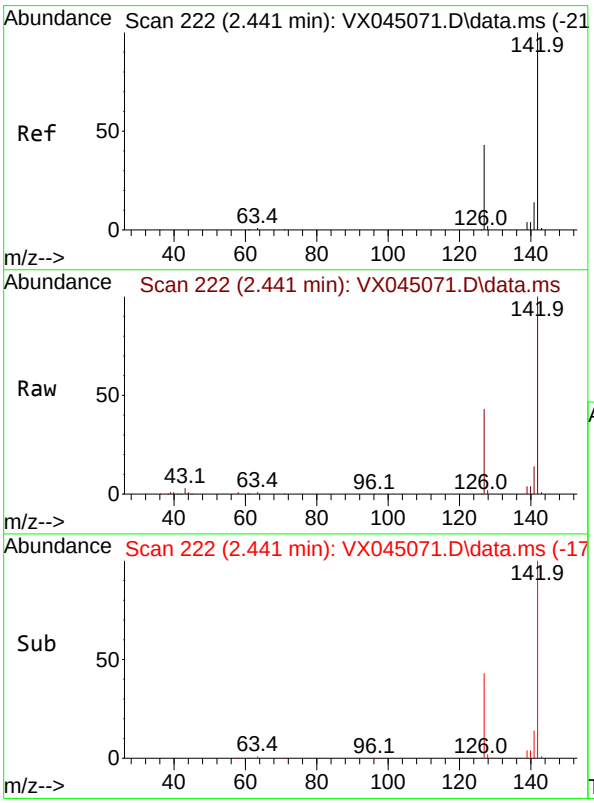
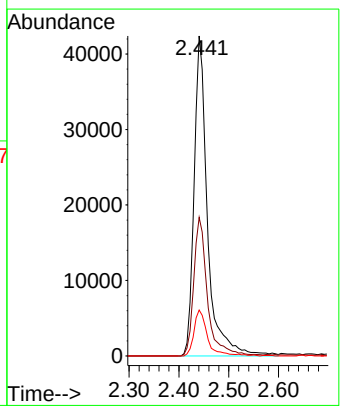


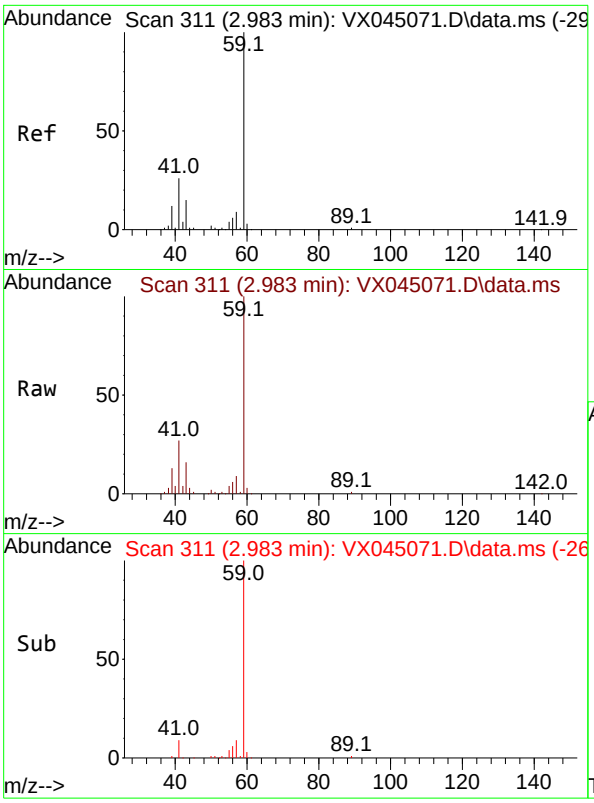


#10
Methyl Iodide
Concen: 47.854 ug/l
RT: 2.441 min Scan# 222
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion:142 Resp: 79357

Ion	Ratio	Lower	Upper
142	100		
127	44.3	35.4	53.2
141	14.5	11.6	17.4

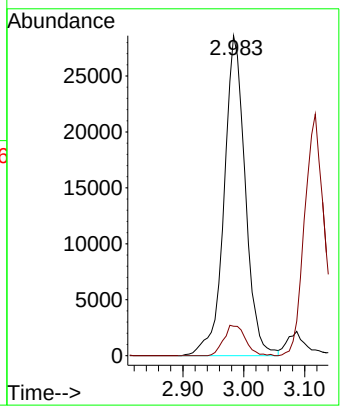




#11
Tert butyl alcohol
Concen: 247.496 ug/l
RT: 2.983 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 59 Resp: 6913

Ion	Ratio	Lower	Upper
59	100		
57	9.8	7.8	11.8



Instrument :
MSVOA_X
ClientSampleId :
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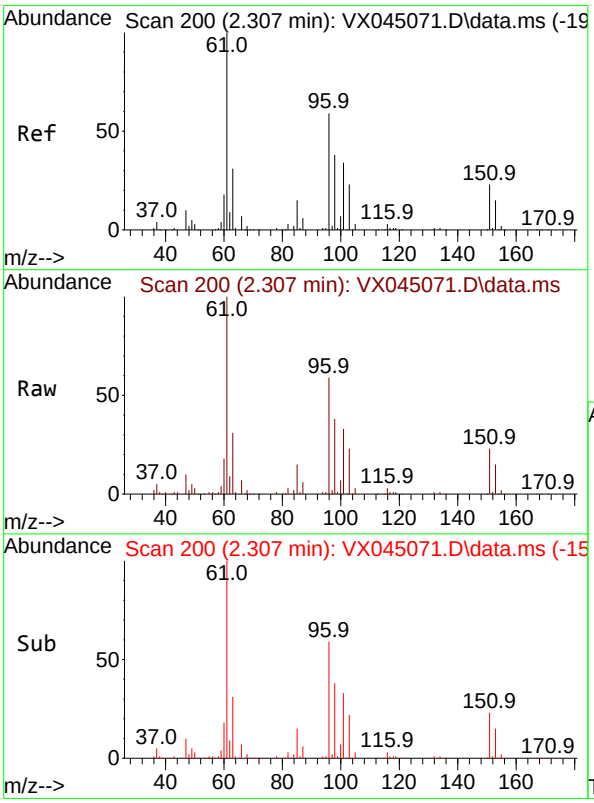
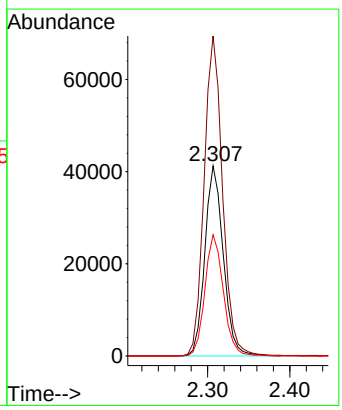
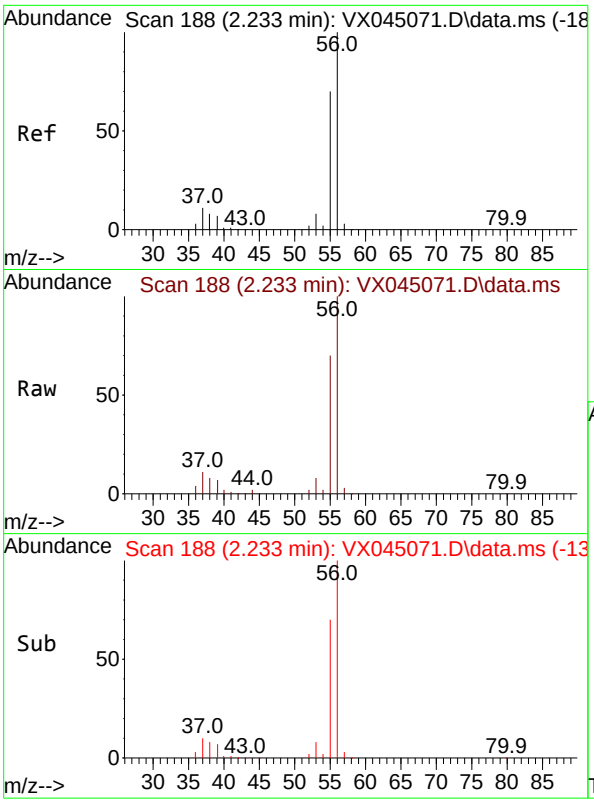


#12
1,1-Dichloroethene
Concen: 48.434 ug/l
RT: 2.307 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 96 Resp: 64327

Ion	Ratio	Lower	Upper
96	100		
61	168.3	134.6	202.0
98	63.8	51.0	76.6

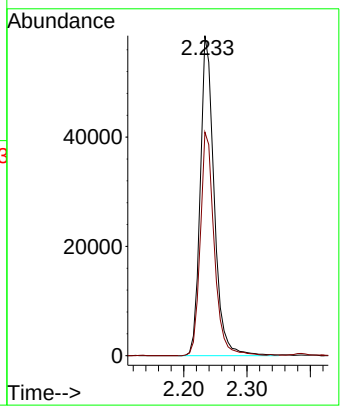




#13
Acrolein
Concen: 296.189 ug/l
RT: 2.233 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 56 Resp: 8960

Ion	Ratio	Lower	Upper
56	100		
55	70.3	56.2	84.4



Instrument :
MSVOA_X
ClientSampleId :
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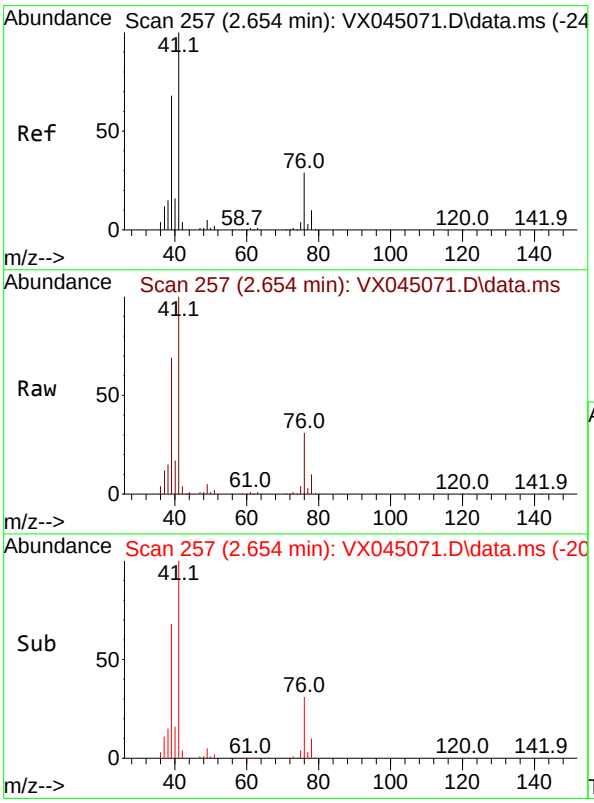
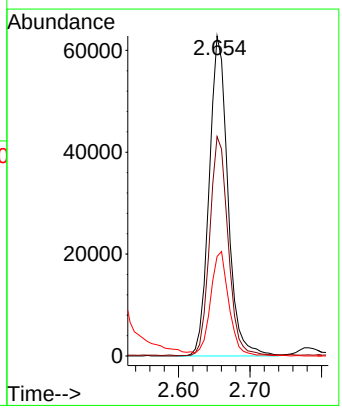
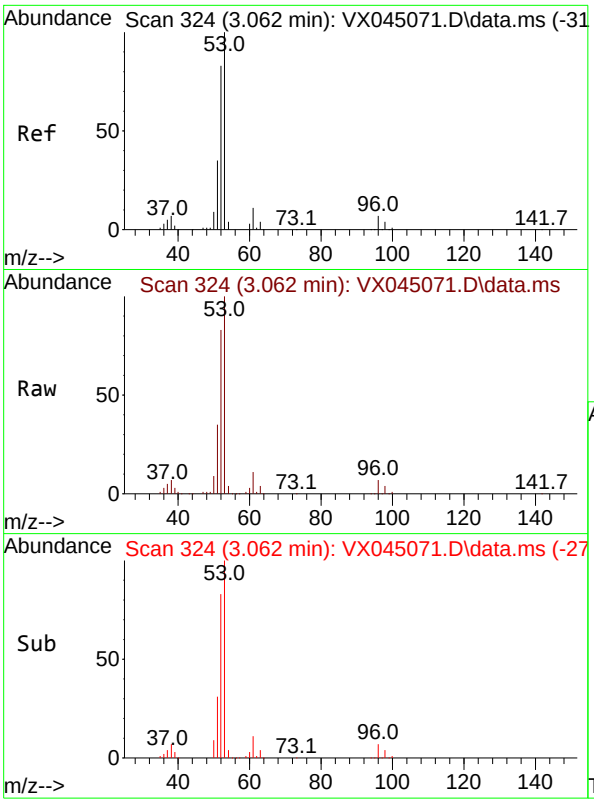


#14
Allyl chloride
Concen: 47.875 ug/l
RT: 2.654 min Scan# 257
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 41 Resp: 114313

Ion	Ratio	Lower	Upper
41	100		
39	67.3	53.8	80.8
76	31.5	25.2	37.8

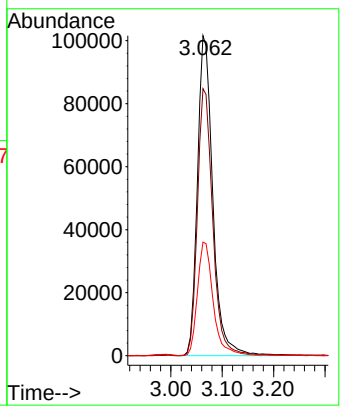




#15
Acrylonitrile
Concen: 278.519 ug/l
RT: 3.062 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 53 Resp: 21145

Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.2	99.2
51	36.2	29.0	43.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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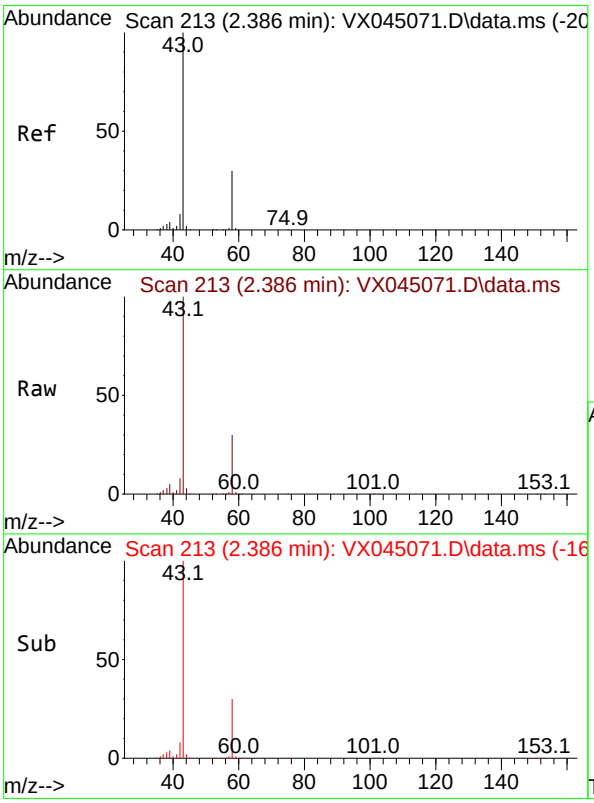
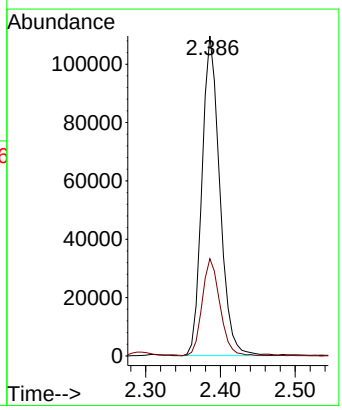
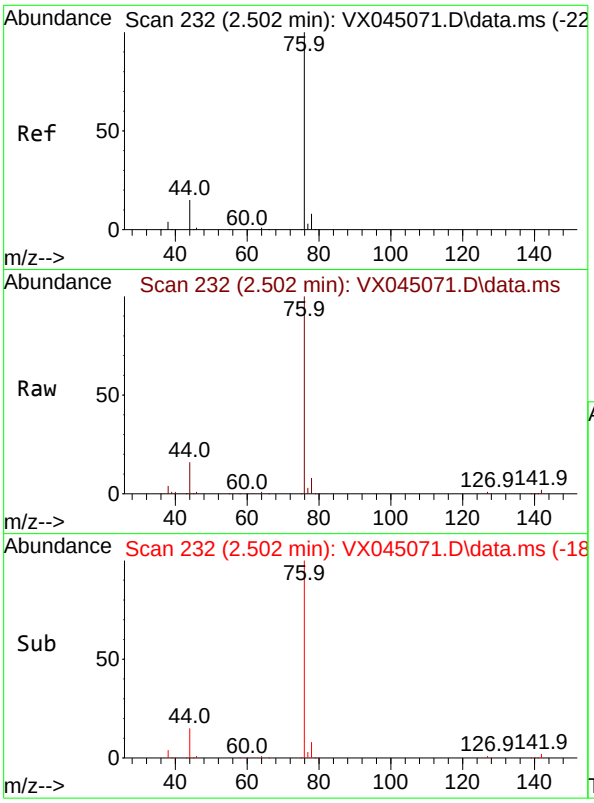


#16
Acetone
Concen: 289.130 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 43 Resp: 181429

Ion	Ratio	Lower	Upper
43	100		
58	30.3	24.2	36.4





#17
Carbon Disulfide
Concen: 47.419 ug/l
RT: 2.502 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 76 Resp: 17135

Ion	Ratio	Lower	Upper
76	100		
78	8.2	6.6	9.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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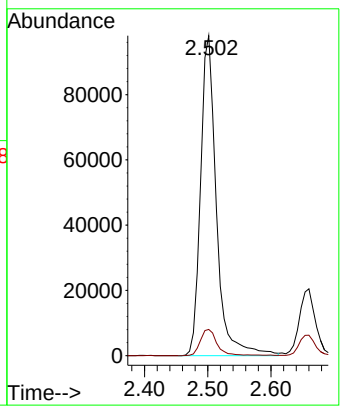
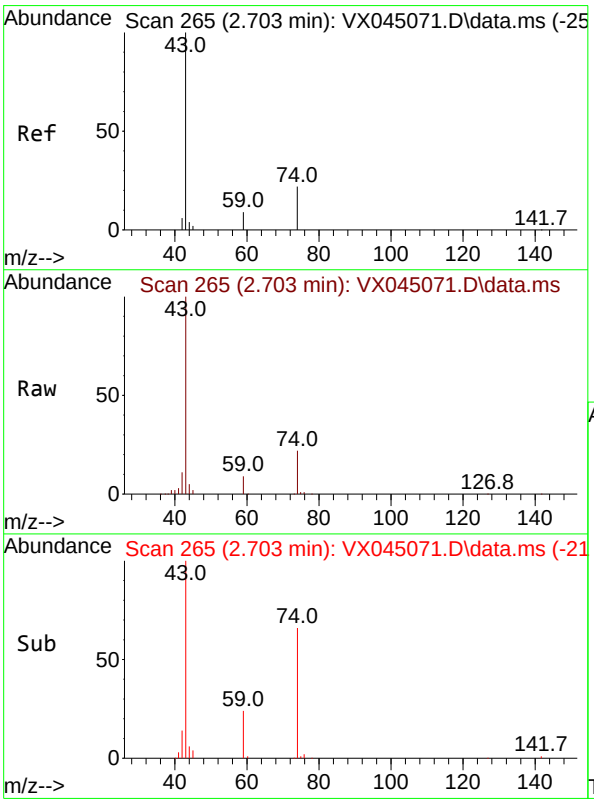
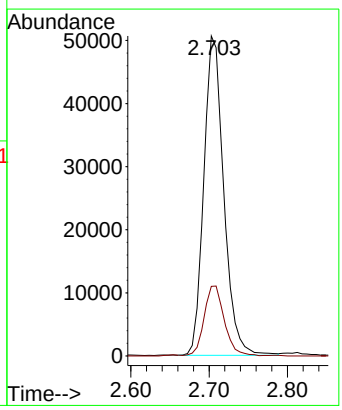


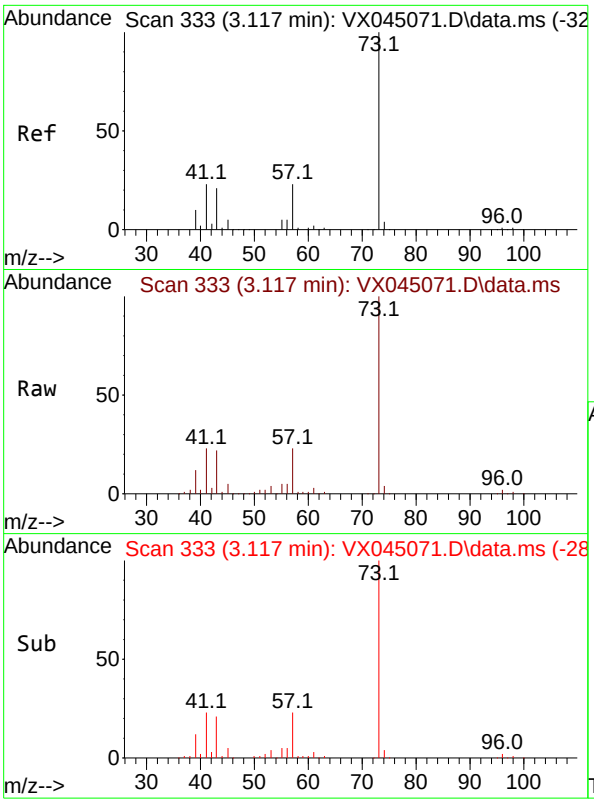


#18
Methyl Acetate
Concen: 47.359 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 43 Resp: 89508

Ion	Ratio	Lower	Upper
43	100		
74	21.8	17.4	26.2

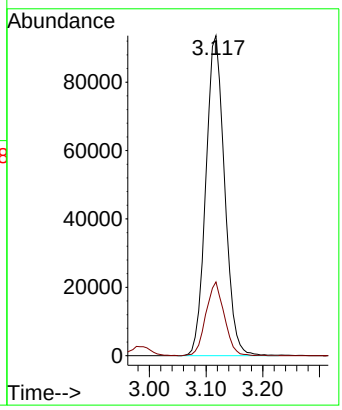




#19
Methyl tert-butyl Ether
Concen: 50.642 ug/l
RT: 3.117 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 73 Resp: 21504

Ion	Ratio	Lower	Upper
73	100		
57	23.1	18.5	27.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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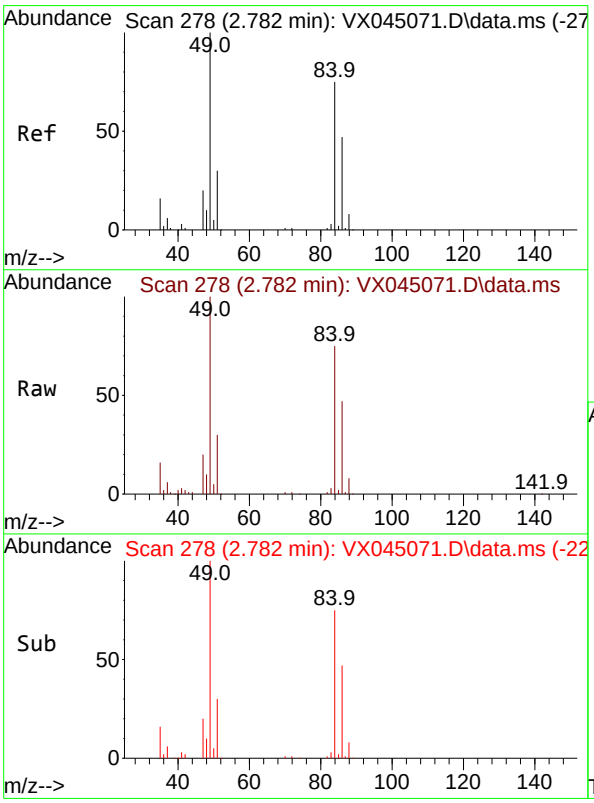
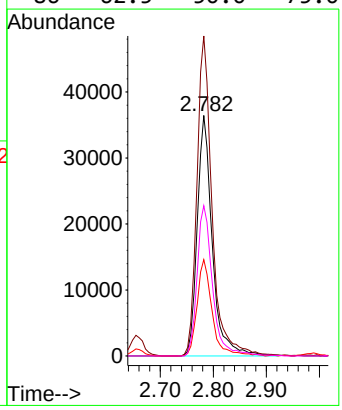
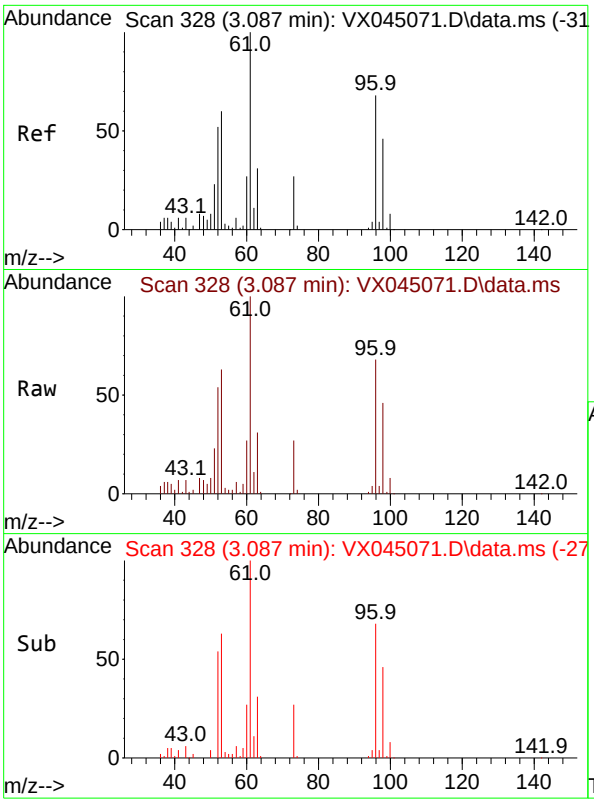


#20
Methylene Chloride
Concen: 48.500 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 84 Resp: 72081

Ion	Ratio	Lower	Upper
84	100		
49	133.1	106.5	159.7
51	40.1	32.1	48.1
86	62.5	50.0	75.0

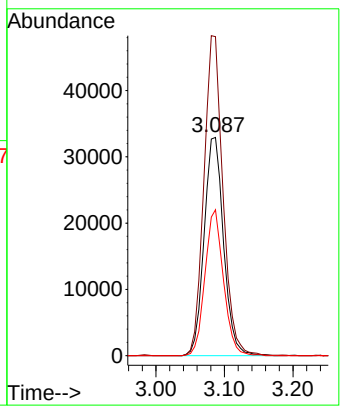




#21
trans-1,2-Dichloroethene
Concen: 49.832 ug/l
RT: 3.087 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 96 Resp: 6509

Ion	Ratio	Lower	Upper
96	100		
61	146.2	117.0	175.4
98	66.8	53.4	80.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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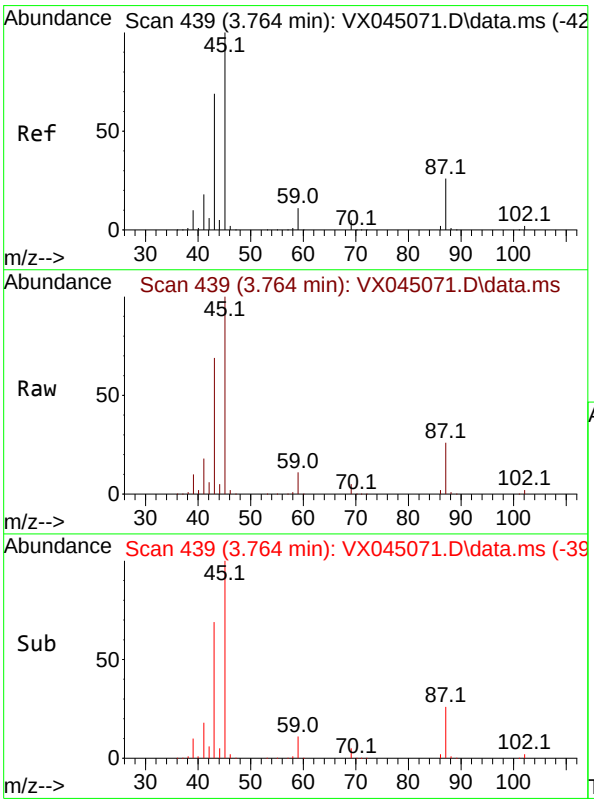
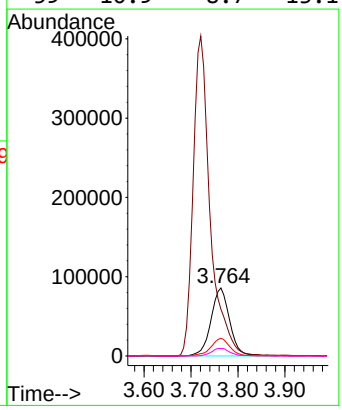
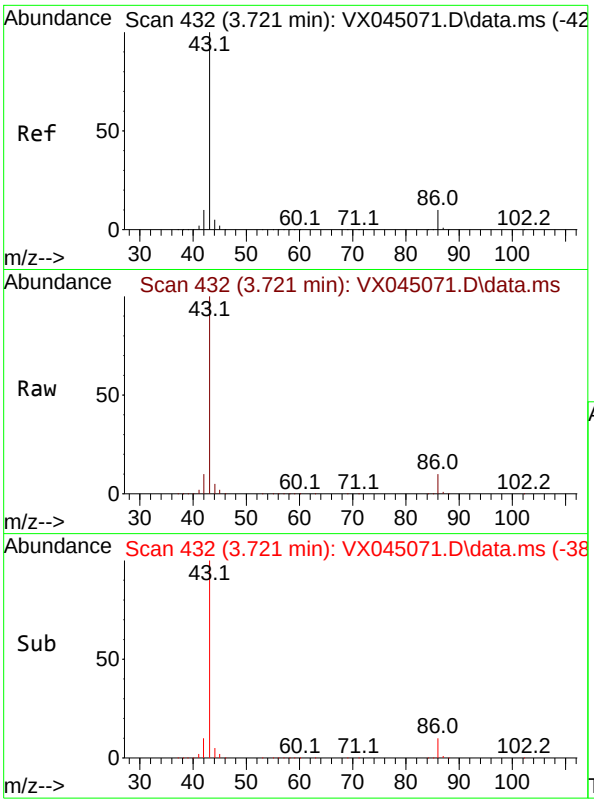


#22
Diisopropyl ether
Concen: 51.816 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 45 Resp: 236563

Ion	Ratio	Lower	Upper
45	100		
43	68.6	54.9	82.3
87	26.2	21.0	31.4
59	10.9	8.7	13.1

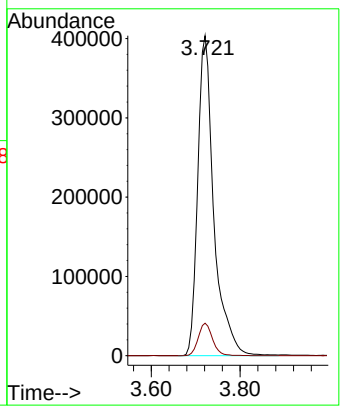




#23
Vinyl Acetate
Concen: 271.773 ug/l
RT: 3.721 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 43 Resp: 101863

Ion	Ratio	Lower	Upper
43	100		
86	10.1	8.1	12.1



Instrument :
MSVOA_X
ClientSampleId :
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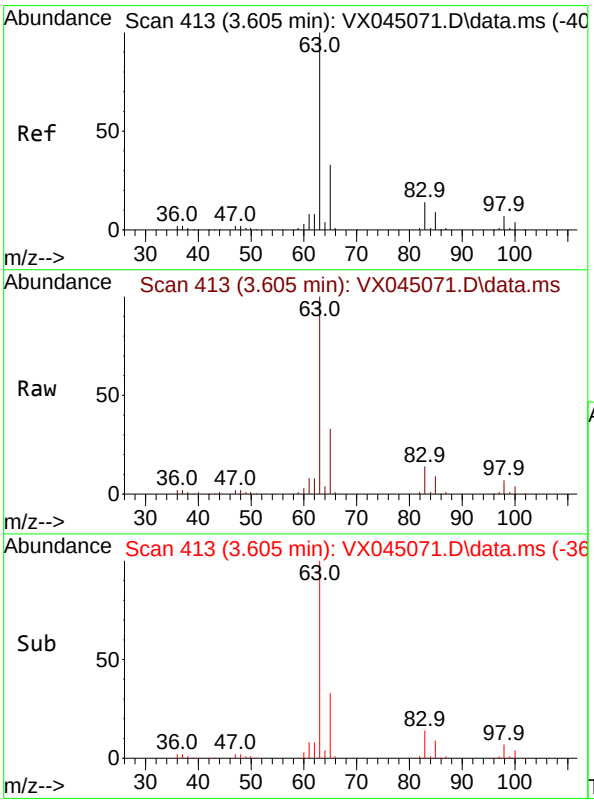
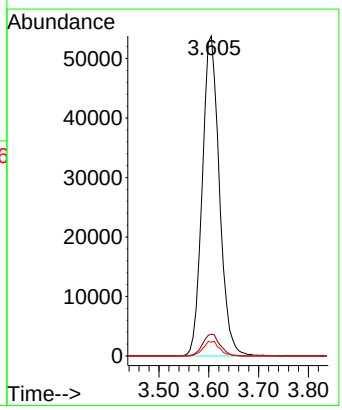
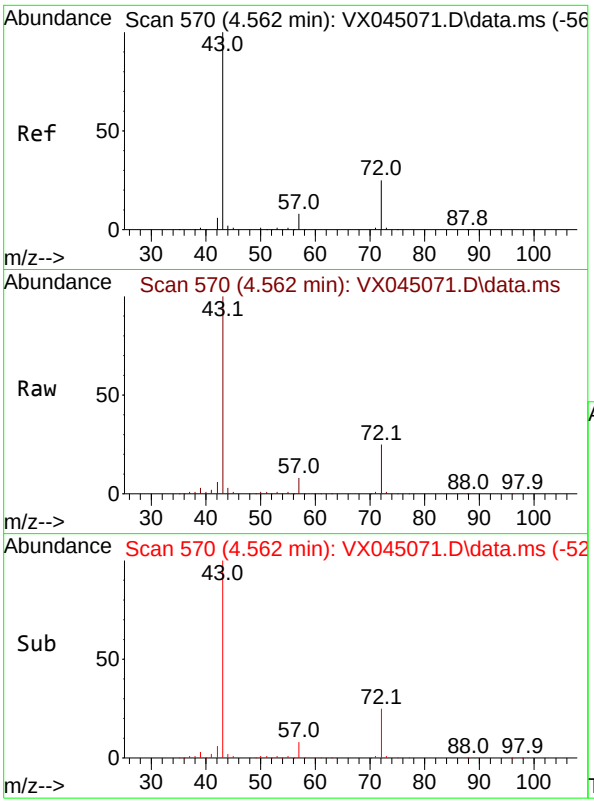


#24
1,1-Dichloroethane
Concen: 50.270 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 63 Resp: 128235

Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.4	10.2
100	4.3	2.1	6.5

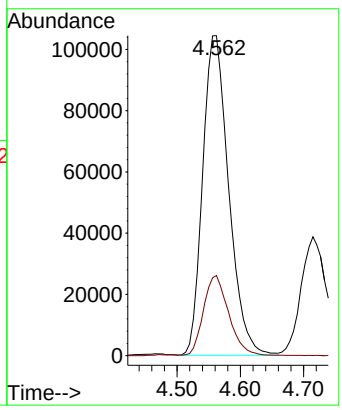




#25
2-Butanone
Concen: 295.330 ug/l
RT: 4.562 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 43 Resp: 29878

Ion	Ratio	Lower	Upper
43	100		
72	25.0	20.0	30.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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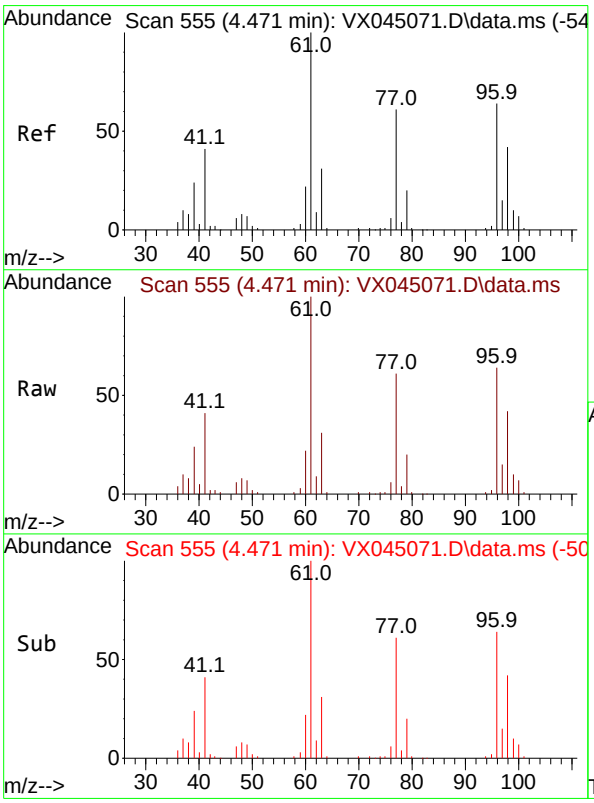
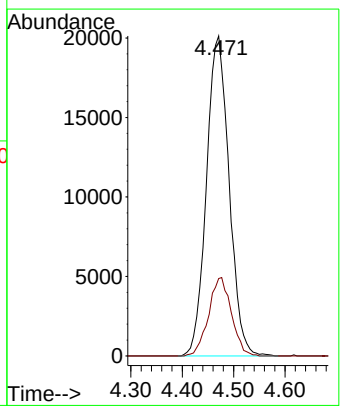
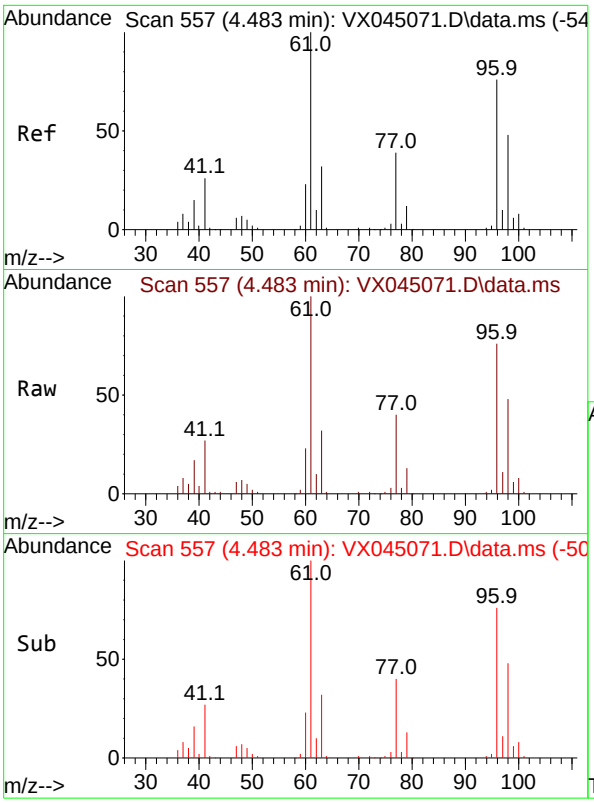


#26
2,2-Dichloropropane
Concen: 32.498 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 77 Resp: 61631

Ion	Ratio	Lower	Upper
77	100		
97	24.7	12.4	37.0





#27
cis-1,2-Dichloroethene
Concen: 49.955 ug/l
RT: 4.483 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 96 Resp: 7865

Ion	Ratio	Lower	Upper
96	100		
61	141.6	0.0	283.2
98	64.0	0.0	128.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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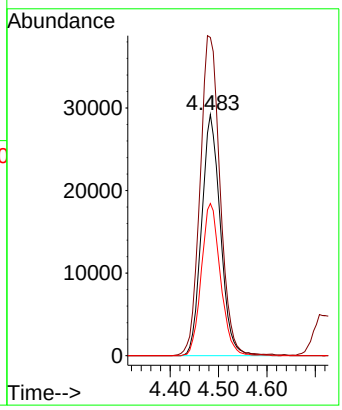
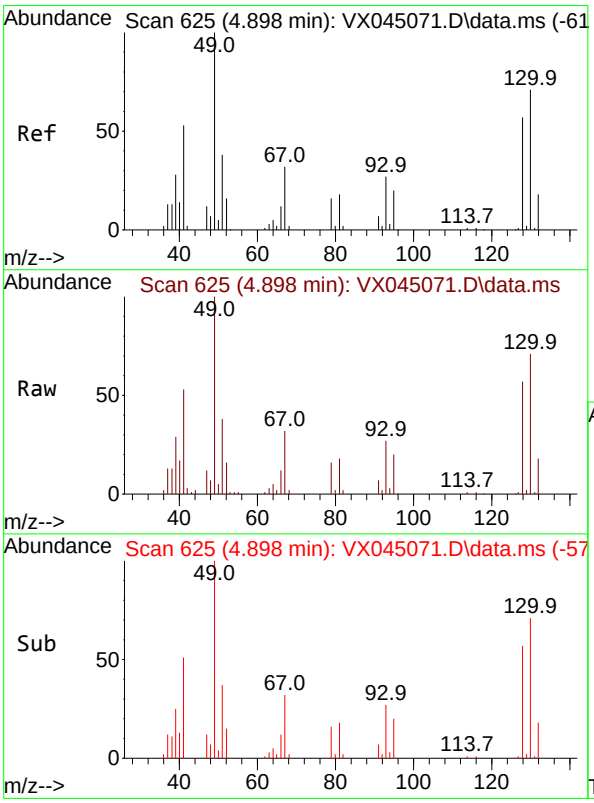
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

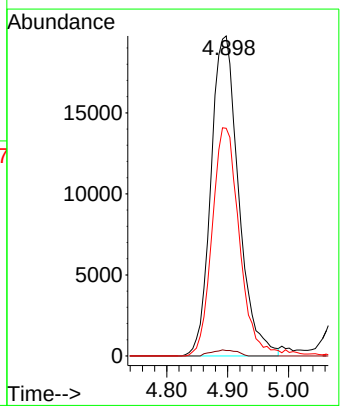


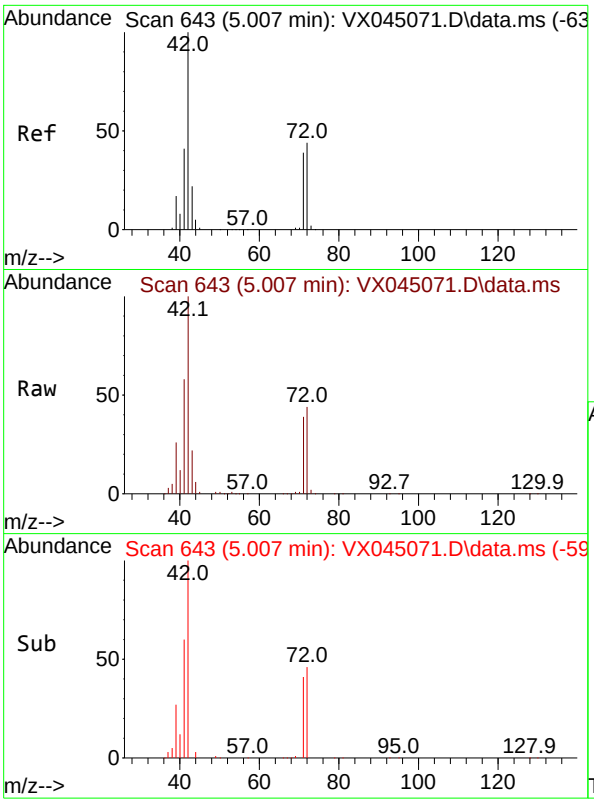


#28
Bromochloromethane
Concen: 50.643 ug/l
RT: 4.898 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 49 Resp: 62299

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.4
130	70.1	56.1	84.1

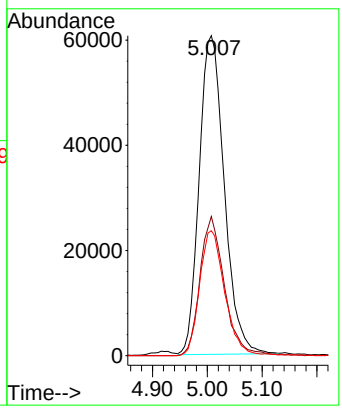




#29
Tetrahydrofuran
Concen: 287.345 ug/l
RT: 5.007 min Scan# 64
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 42 Resp: 19260

Ion	Ratio	Lower	Upper
42	100		
72	42.6	34.1	51.1
71	39.2	31.4	47.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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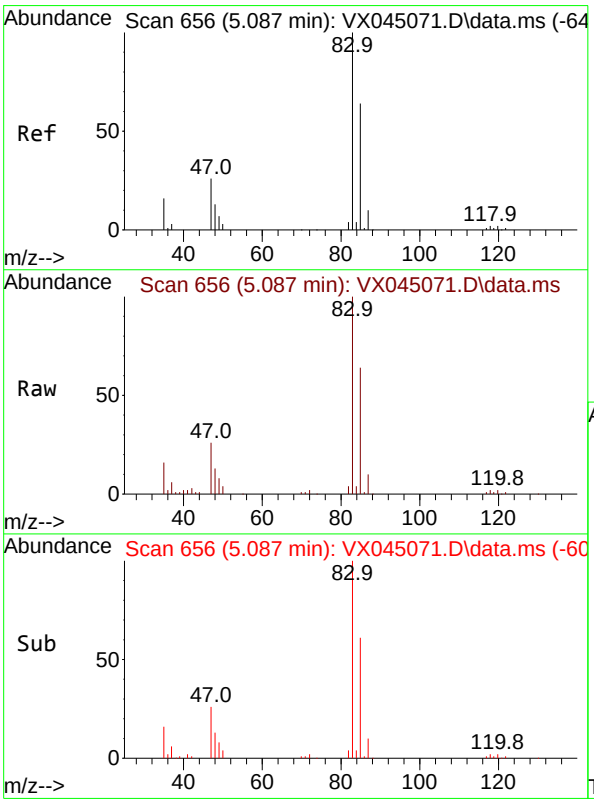
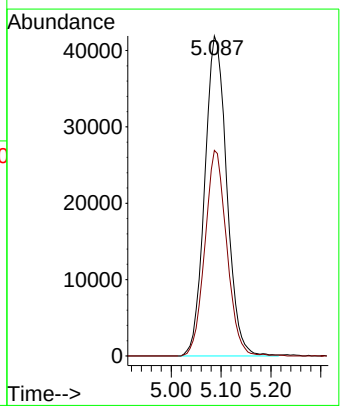
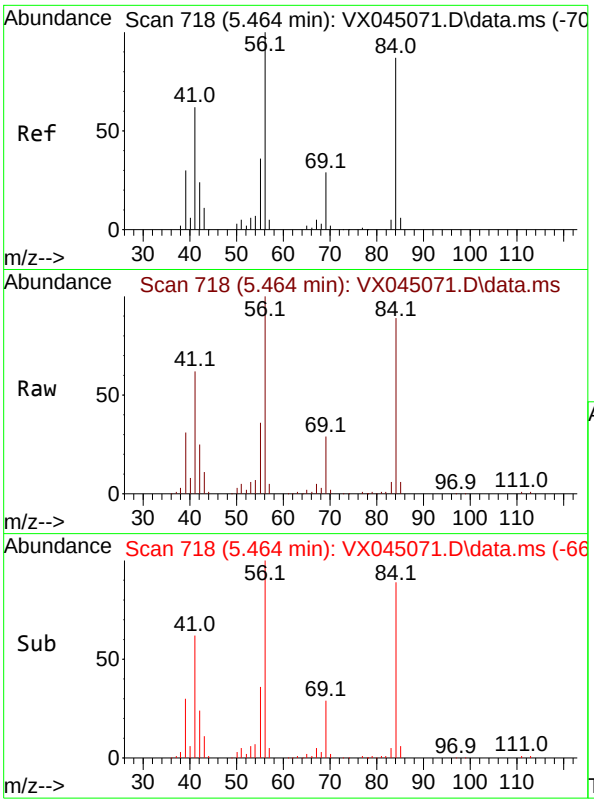


#30
Chloroform
Concen: 51.532 ug/l
RT: 5.087 min Scan# 656
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 83 Resp: 128581

Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.4	77.2





#31
Cyclohexane
Concen: 48.836 ug/l
RT: 5.464 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 56 Resp: 11433

Ion	Ratio	Lower	Upper
56	100		
69	29.3	23.4	35.2
84	86.8	69.4	104.2

Instrument :
MSVOA_X
ClientSampleId :
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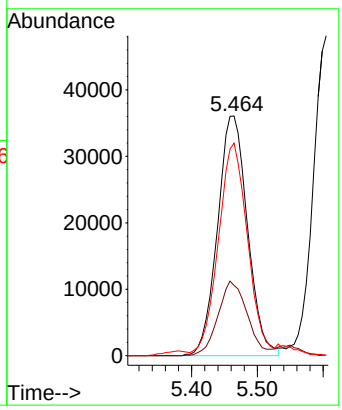
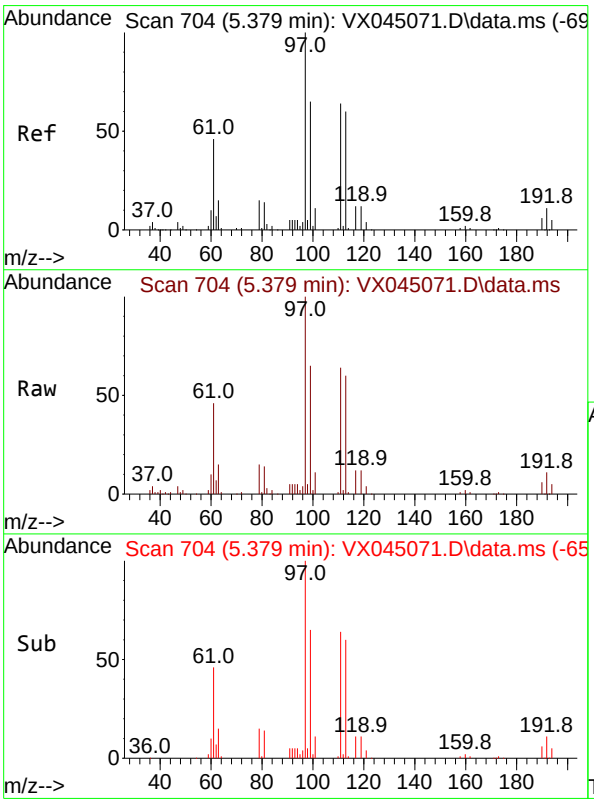
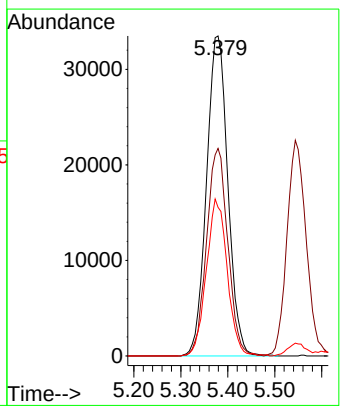


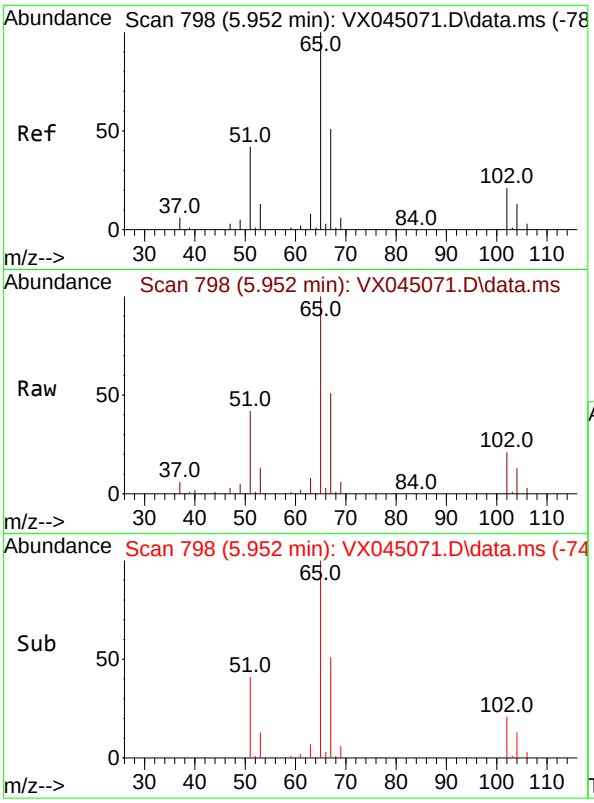


#32
1,1,1-Trichloroethane
Concen: 50.306 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 97 Resp: 105671

Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.6	77.4
61	48.0	38.4	57.6

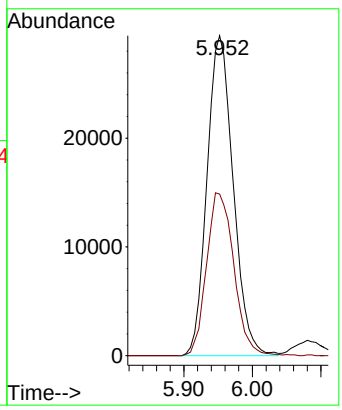




#33
1,2-Dichloroethane-d4
Concen: 51.250 ug/l
RT: 5.952 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 65 Resp: 7815

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	106.2



Instrument :
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ClientSampleId :
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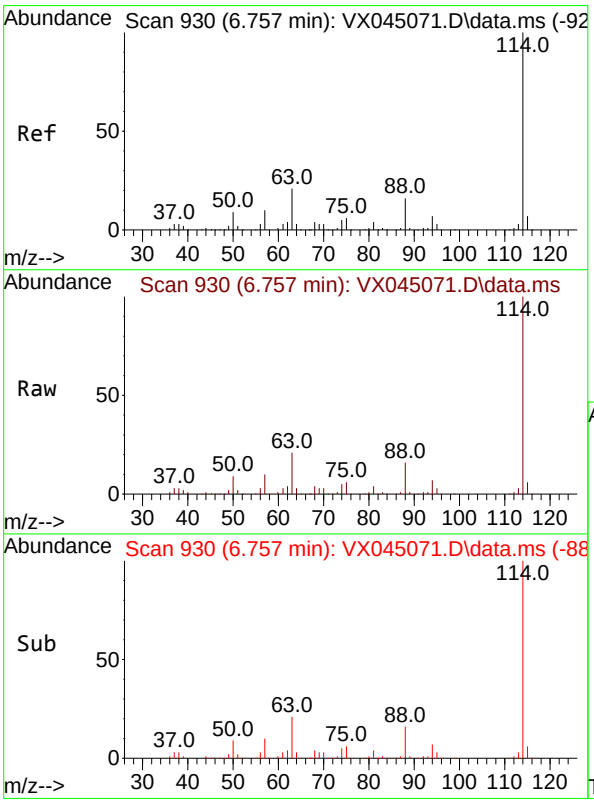
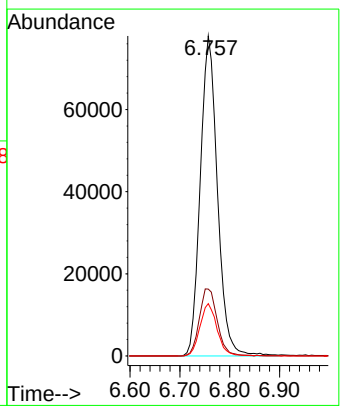
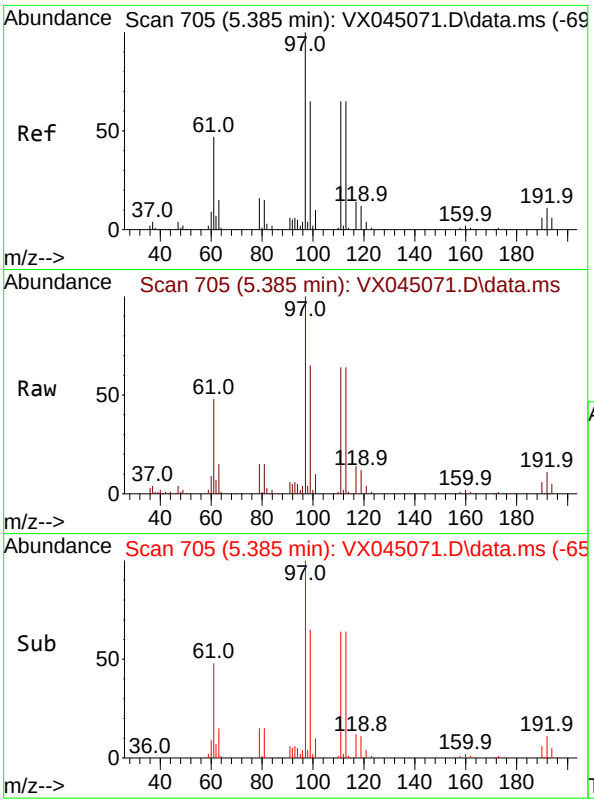


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion:114 Resp: 186358

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	41.8
88	16.4	0.0	32.8

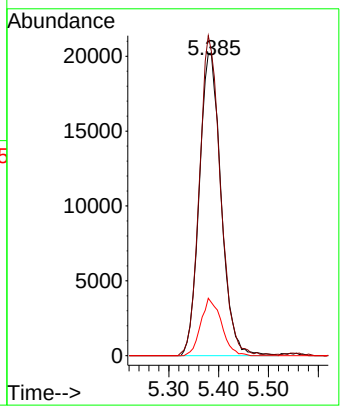




#35
Dibromofluoromethane
Concen: 50.346 ug/l
RT: 5.385 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion:113 Resp: 6132

Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.8	122.6
192	17.9	14.3	21.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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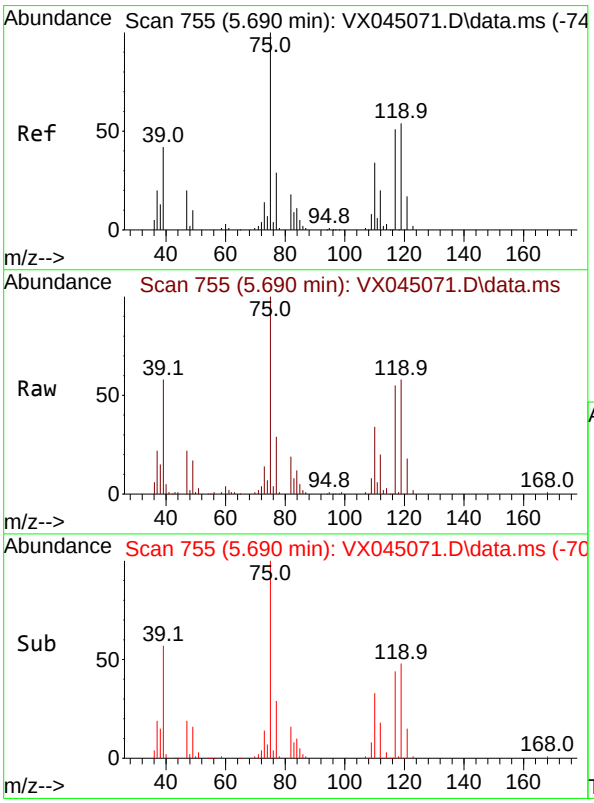
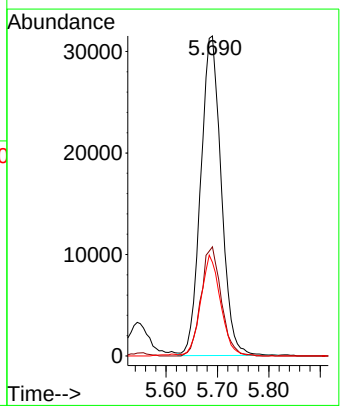
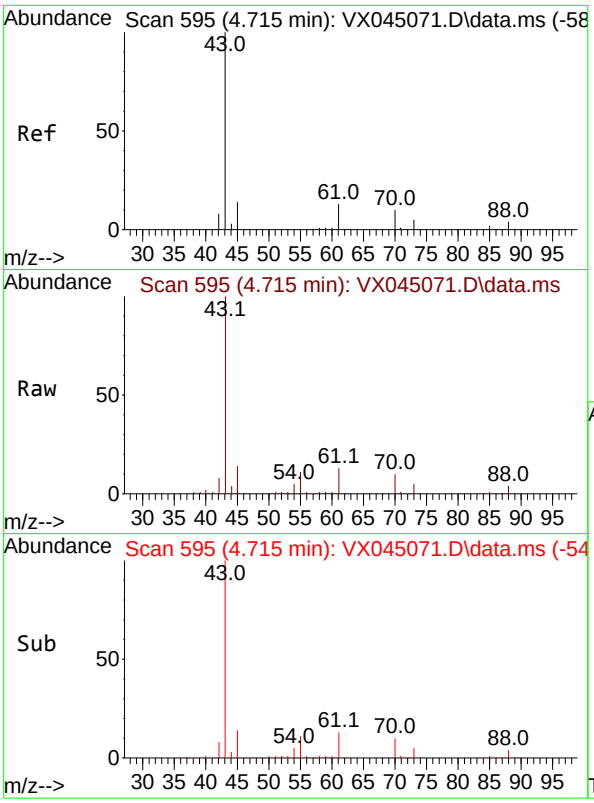


#36
1,1-Dichloropropene
Concen: 49.861 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 75 Resp: 87338

Ion	Ratio	Lower	Upper
75	100		
110	33.7	16.9	50.6
77	30.6	24.5	36.7

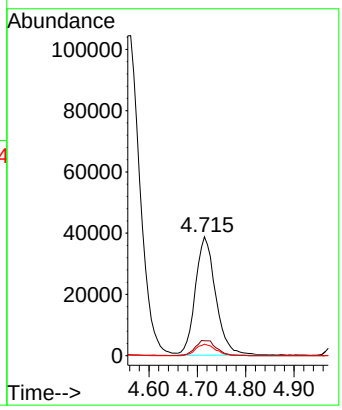




#37
Ethyl Acetate
Concen: 56.641 ug/l
RT: 4.715 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 43 Resp: 11289

Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.8	16.2
70	9.6	7.7	11.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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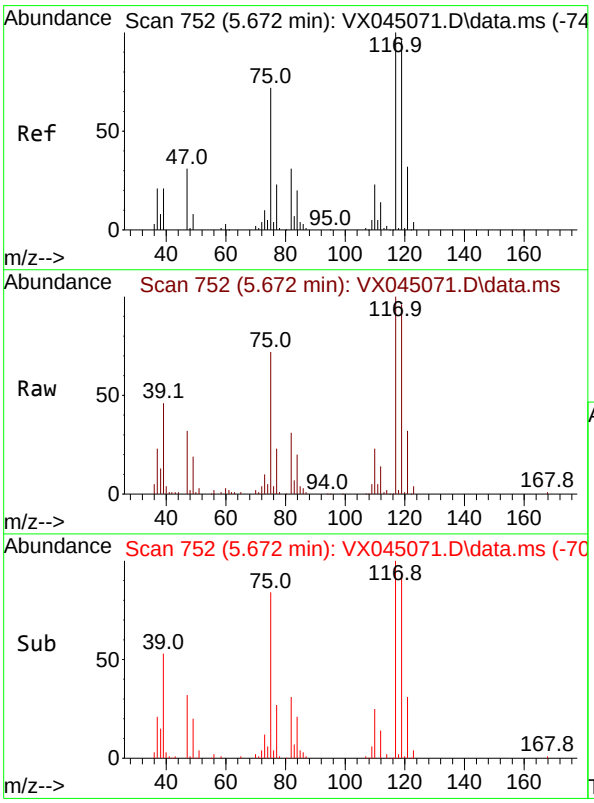
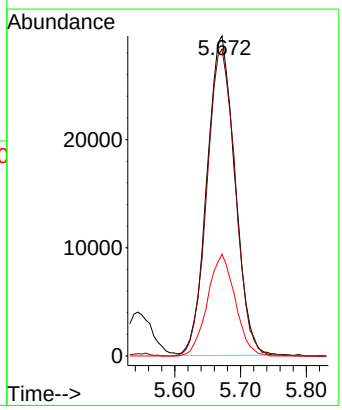
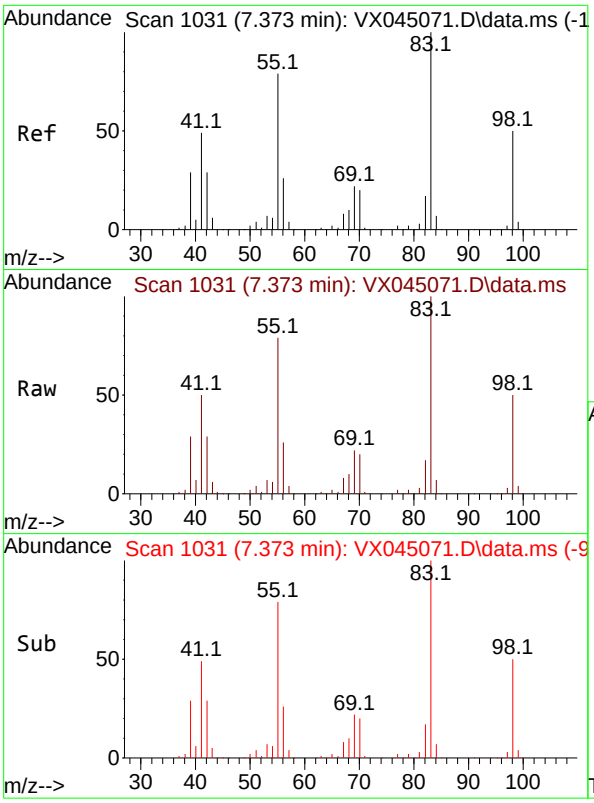


#38
Carbon Tetrachloride
Concen: 50.593 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion:117 Resp: 87123

Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.7	115.1
121	31.9	25.5	38.3

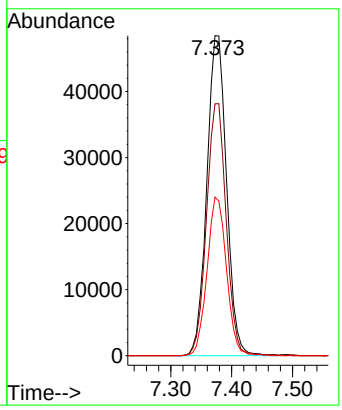




#39
Methylcyclohexane
Concen: 48.715 ug/l
RT: 7.373 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 83 Resp: 10897

Ion	Ratio	Lower	Upper
83	100		
55	78.7	63.0	94.4
98	49.6	39.7	59.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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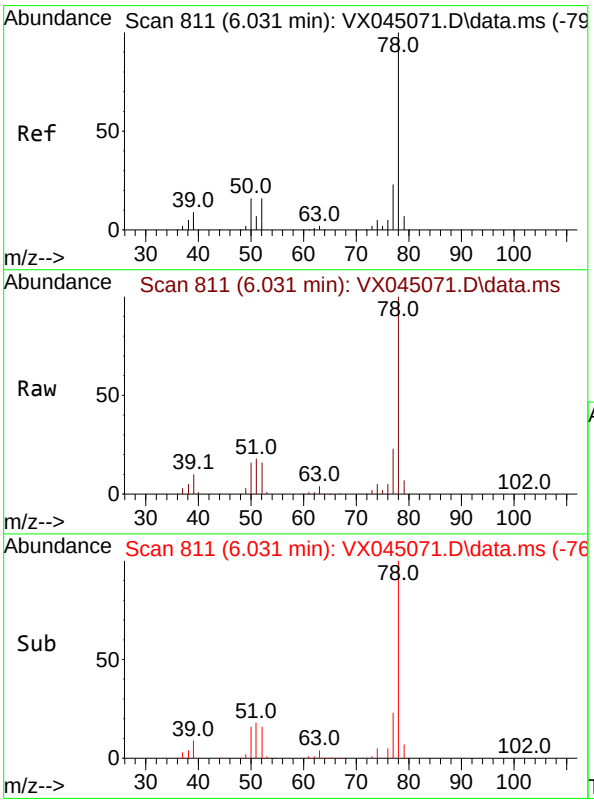
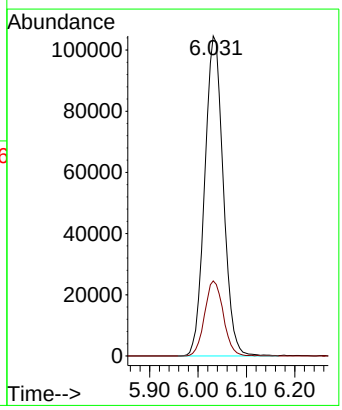
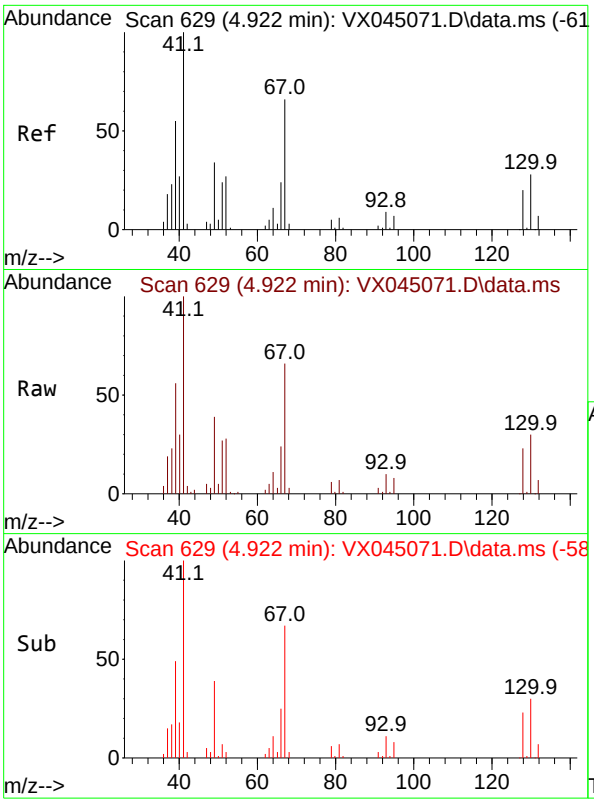


#40
Benzene
Concen: 50.925 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 78 Resp: 278802

Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2

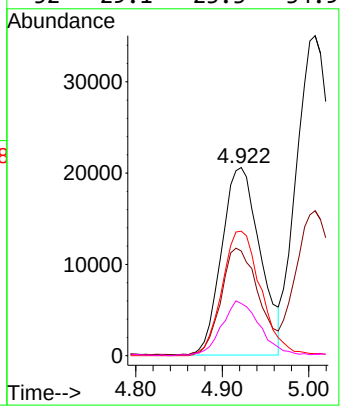




#41
Methacrylonitrile
Concen: 59.598 ug/l
RT: 4.922 min Scan# 6
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 41 Resp: 6345

Ion	Ratio	Lower	Upper
41	100		
39	55.8	44.6	67.0
67	67.4	53.9	80.9
52	29.1	23.3	34.9



Instrument :
MSVOA_X
ClientSampleId :
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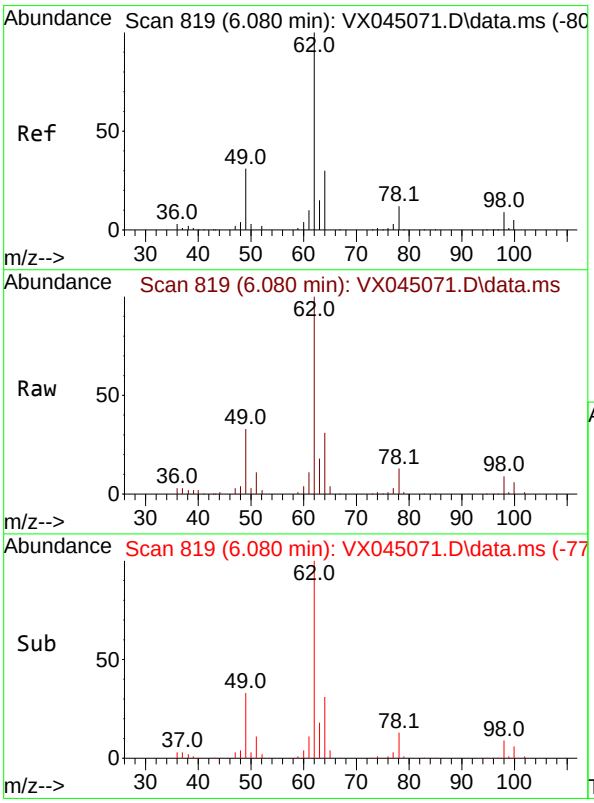
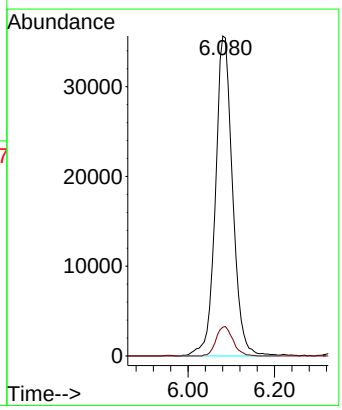
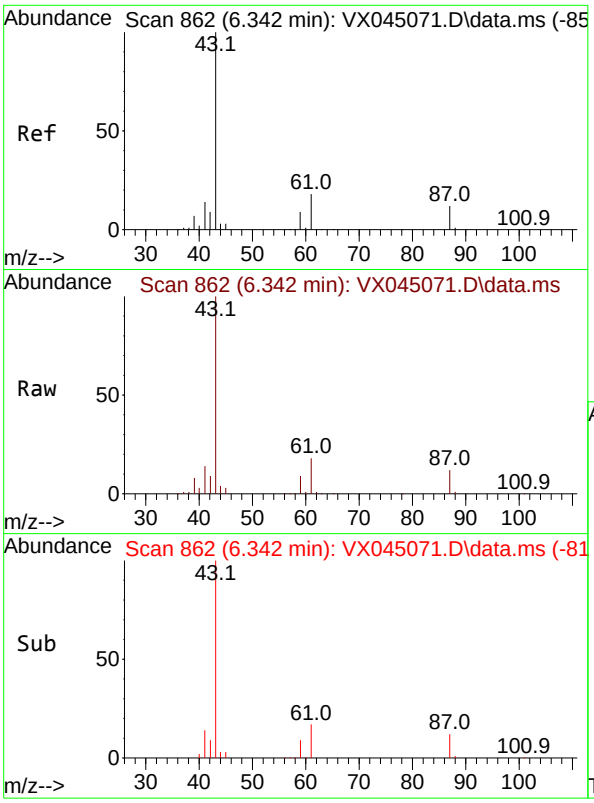


#42
1,2-Dichloroethane
Concen: 55.428 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 62 Resp: 98340

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.2

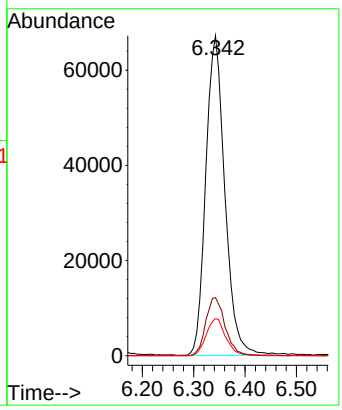




#43
Isopropyl Acetate
Concen: 54.544 ug/l
RT: 6.342 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 43 Resp: 17304

Ion	Ratio	Lower	Upper
43	100		
61	18.6	14.9	22.3
87	11.8	9.4	14.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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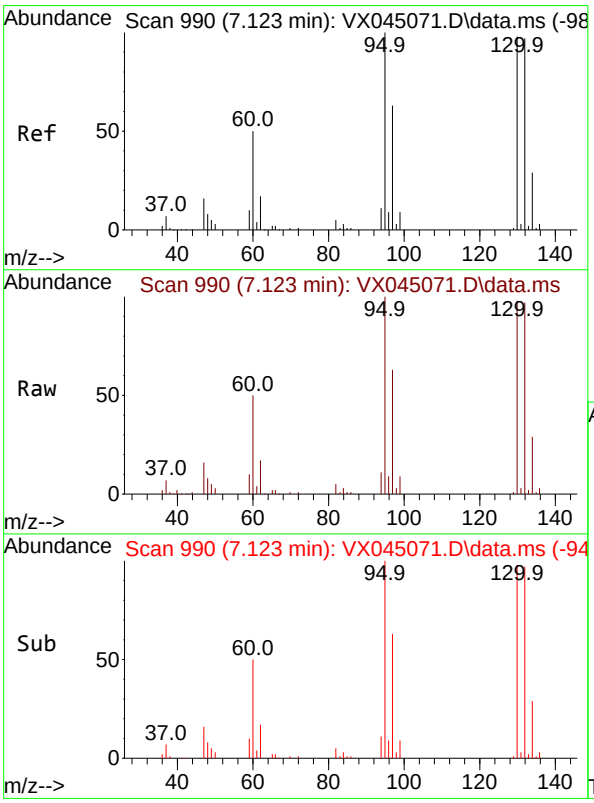
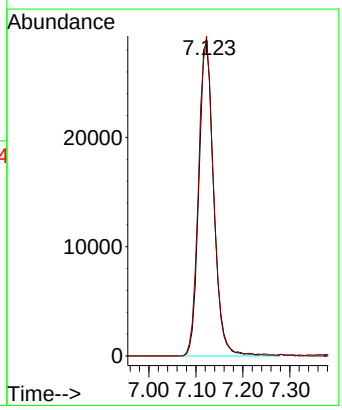
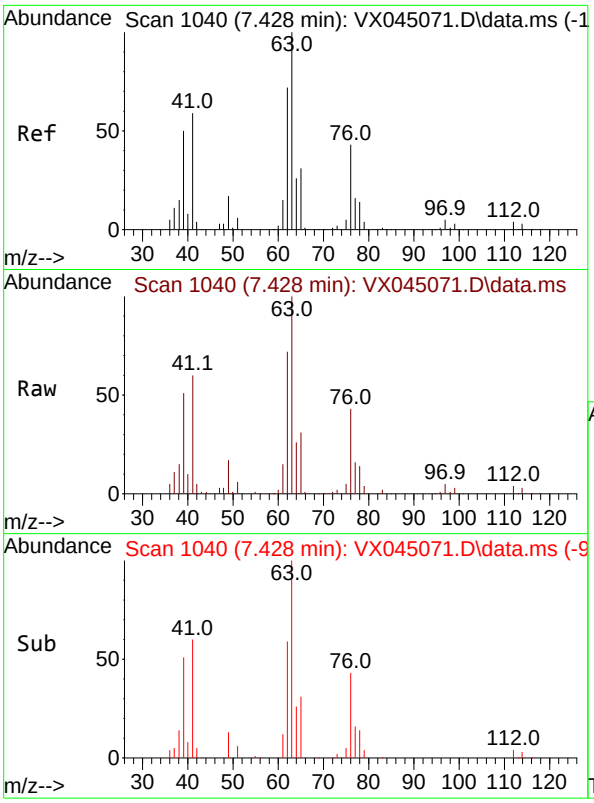


#44
Trichloroethene
Concen: 50.756 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion:130 Resp: 63513

Ion	Ratio	Lower	Upper
130	100		
95	102.5	0.0	205.0





#45
1,2-Dichloropropane
Concen: 50.808 ug/l
RT: 7.428 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 63 Resp: 6912

Ion	Ratio	Lower	Upper
63	100		
65	30.9	24.7	37.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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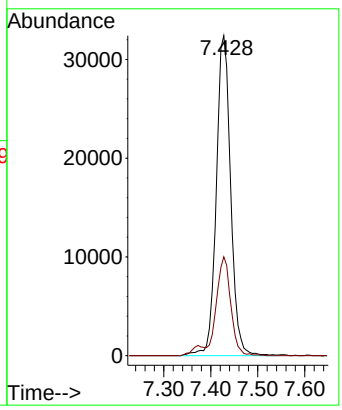
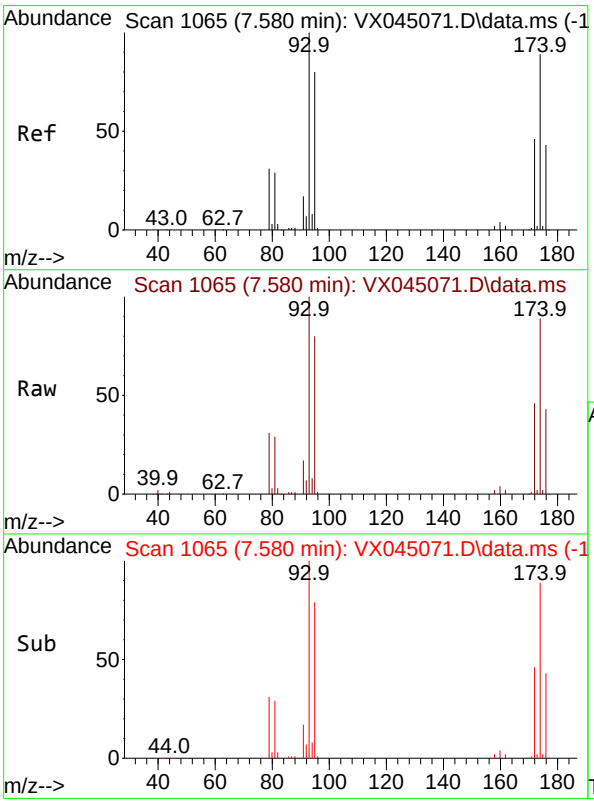
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

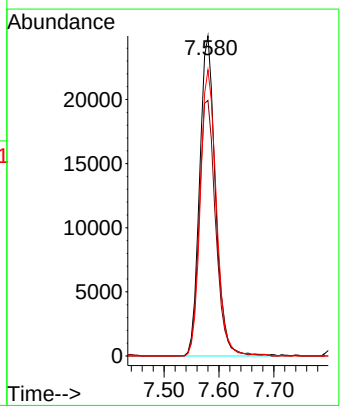


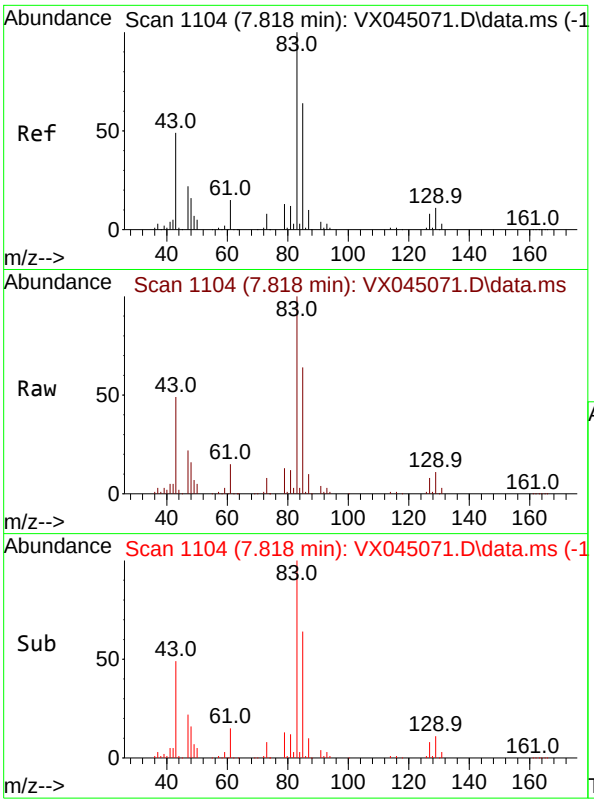


#46
Dibromomethane
Concen: 52.757 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 93 Resp: 50143

Ion	Ratio	Lower	Upper
93	100		
95	82.3	65.8	98.8
174	90.2	72.2	108.2

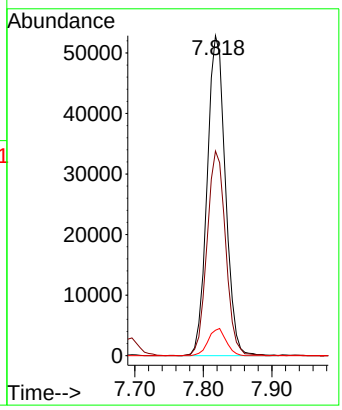




#47
Bromodichloromethane
Concen: 53.153 ug/l
RT: 7.818 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 83 Resp: 9772

Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.1	76.7
127	8.0	6.4	9.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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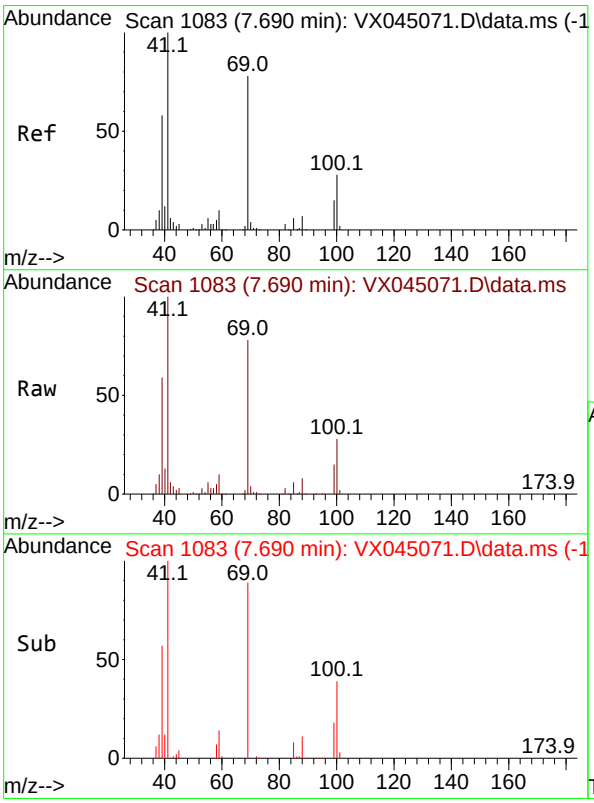
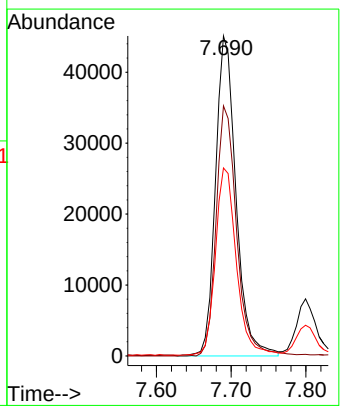
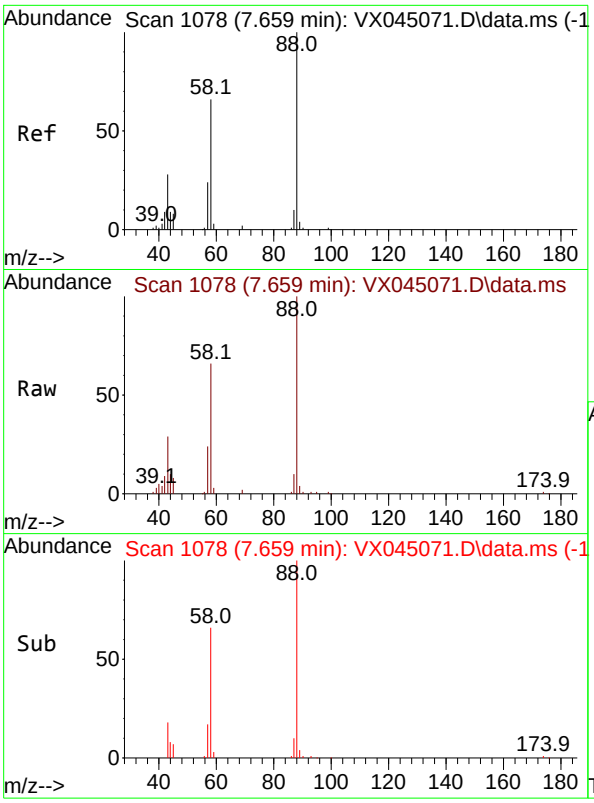


#48
Methyl methacrylate
Concen: 57.256 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 41 Resp: 86231

Ion	Ratio	Lower	Upper
41	100		
69	78.8	63.0	94.6
39	59.4	47.5	71.3

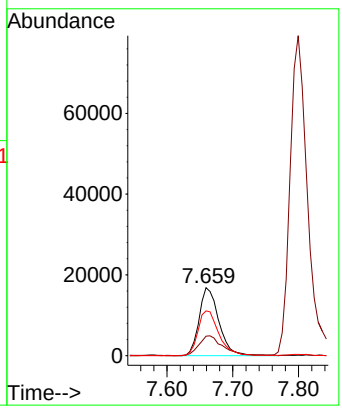




#49
1,4-Dioxane
Concen: 1095.003 ug/l
RT: 7.659 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 88 Resp: 3505

Ion	Ratio	Lower	Upper
88	100		
43	35.9	28.7	43.1
58	69.8	55.8	83.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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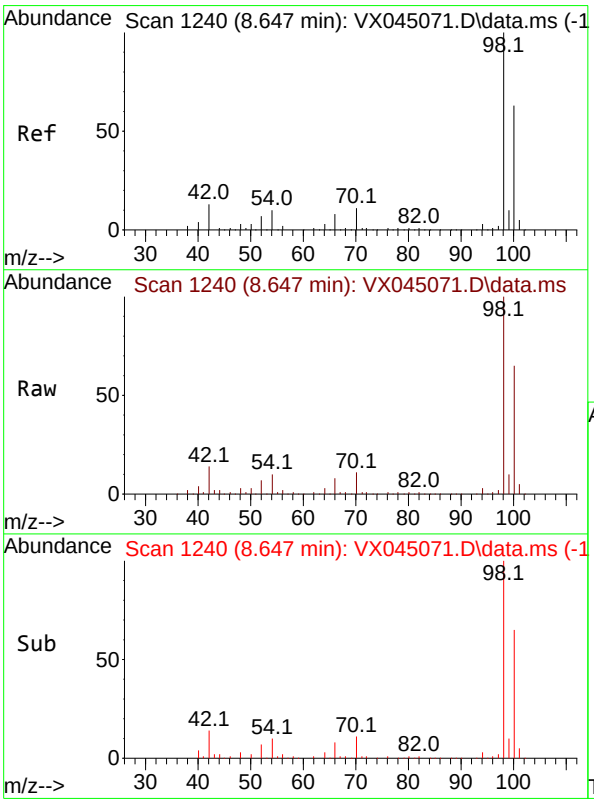
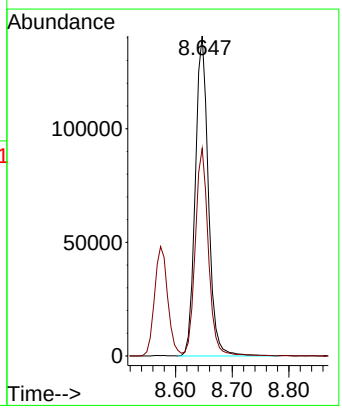
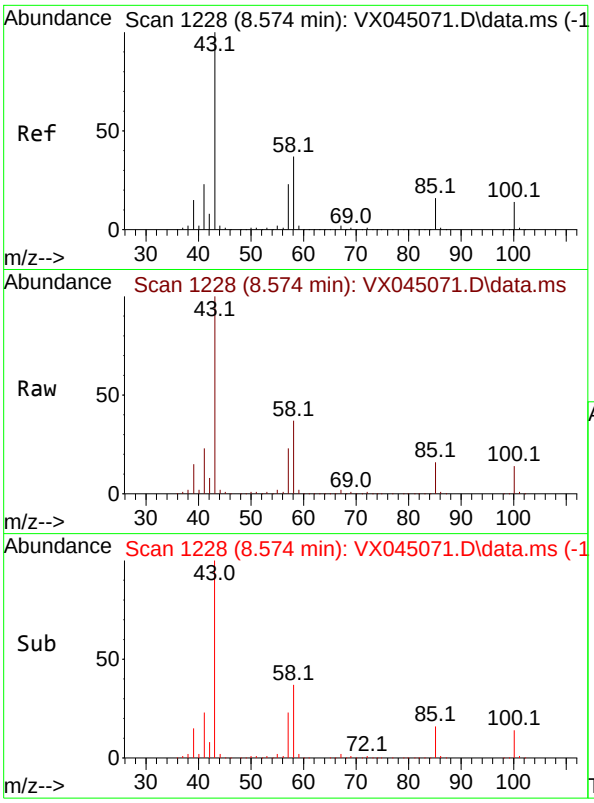


#50
Toluene-d8
Concen: 49.449 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 98 Resp: 225493

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.0	78.0

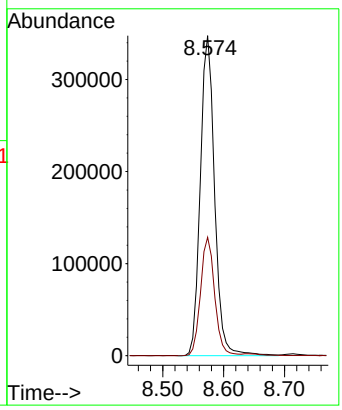




#51
4-Methyl-2-Pentanone
Concen: 292.570 ug/l
RT: 8.574 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 43 Resp: 56873

Ion	Ratio	Lower	Upper
43	100		
58	36.5	29.2	43.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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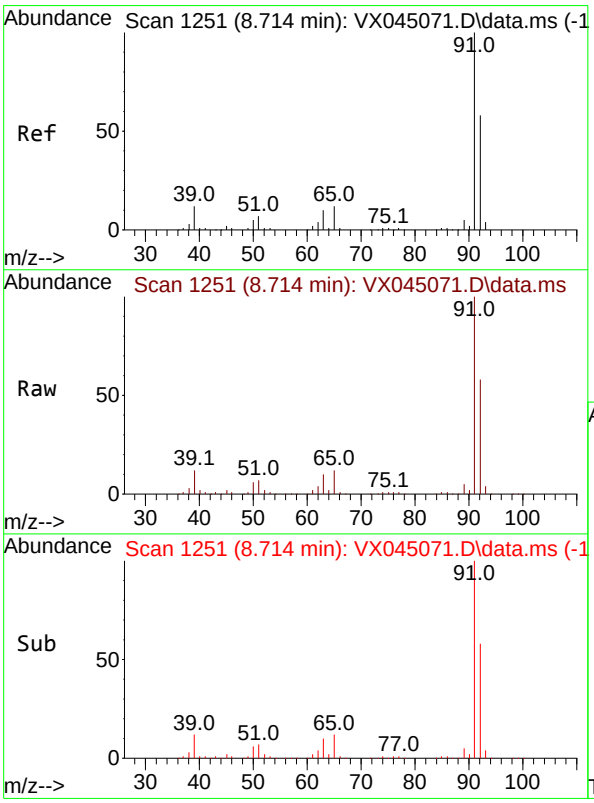
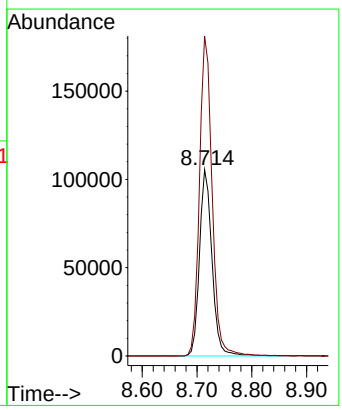
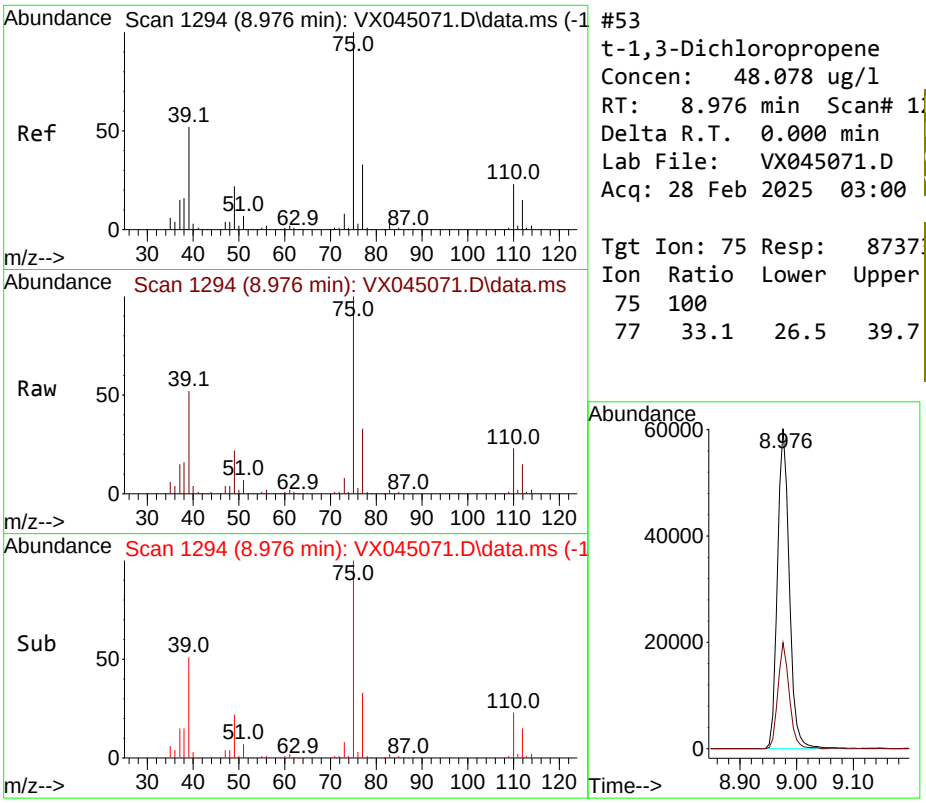


#52
Toluene
Concen: 51.505 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 92 Resp: 167431

Ion	Ratio	Lower	Upper
92	100		
91	173.6	138.9	208.3





#53
t-1,3-Dichloropropene
Concen: 48.078 ug/l
RT: 8.976 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 75 Resp: 8737

Ion	Ratio	Lower	Upper
75	100		
77	33.1	26.5	39.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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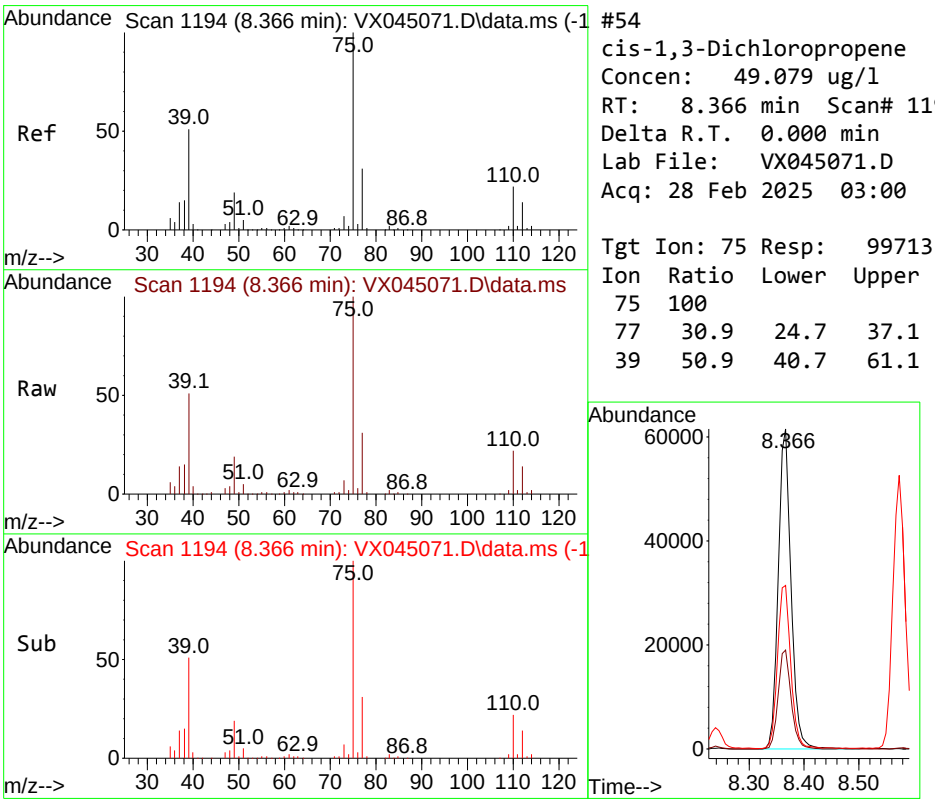
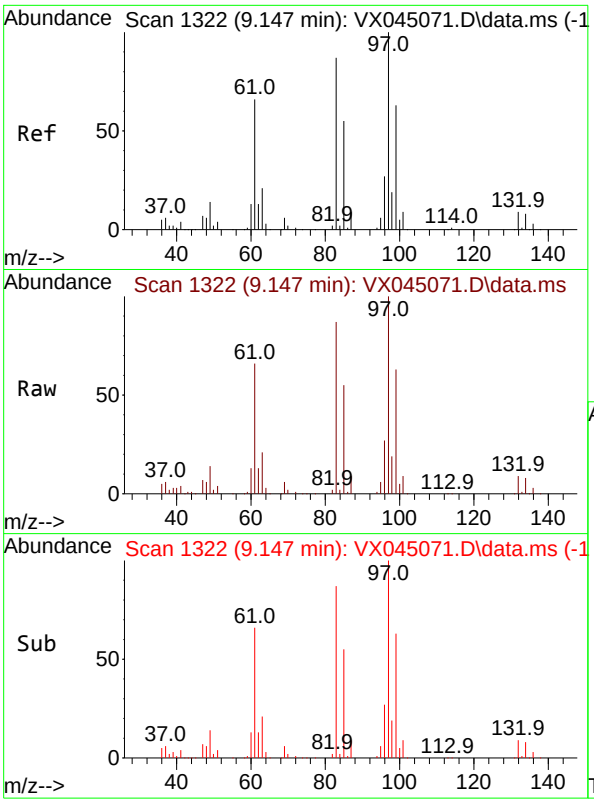


#54
cis-1,3-Dichloropropene
Concen: 49.079 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 75 Resp: 99713

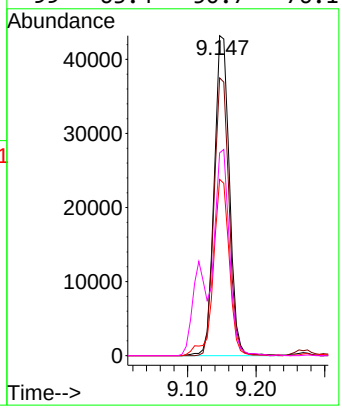
Ion	Ratio	Lower	Upper
75	100		
77	30.9	24.7	37.1
39	50.9	40.7	61.1



#55
1,1,2-Trichloroethane
Concen: 52.724 ug/l
RT: 9.147 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 97 Resp: 6637

Ion	Ratio	Lower	Upper
97	100		
83	86.8	69.4	104.2
85	55.1	44.1	66.1
99	63.4	50.7	76.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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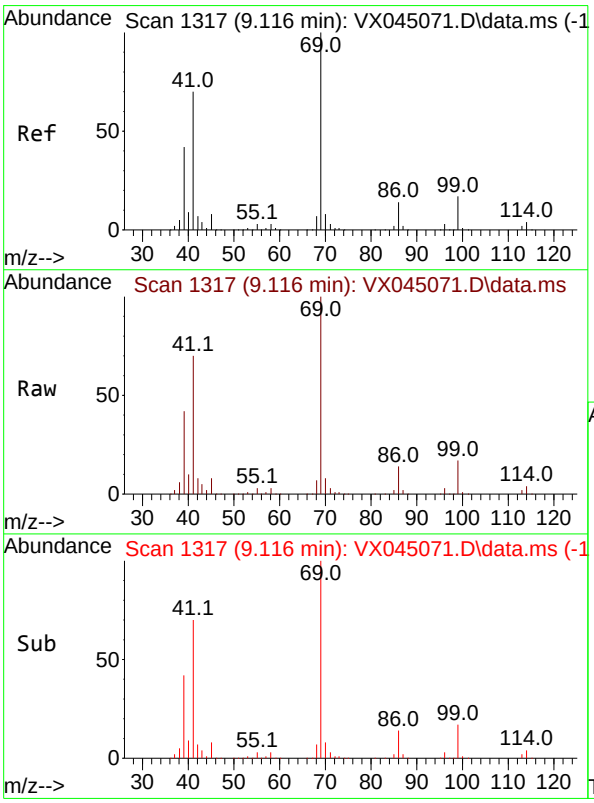
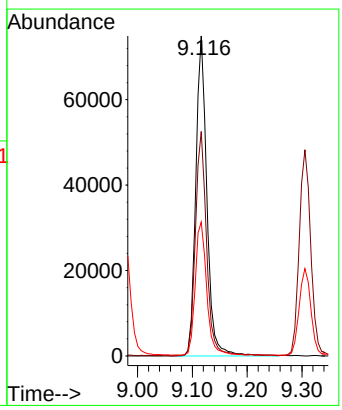
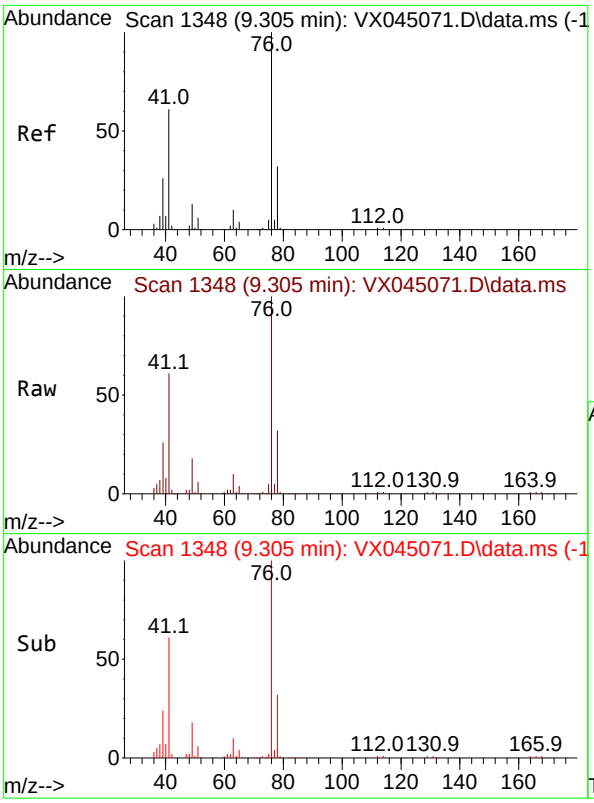


#56
Ethyl methacrylate
Concen: 52.724 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 69 Resp: 106157

Ion	Ratio	Lower	Upper
69	100		
41	71.2	57.0	85.4
39	42.8	34.2	51.4





#57
1,3-Dichloropropane
Concen: 52.594 ug/l
RT: 9.305 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 76 Resp: 11548

Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.5	38.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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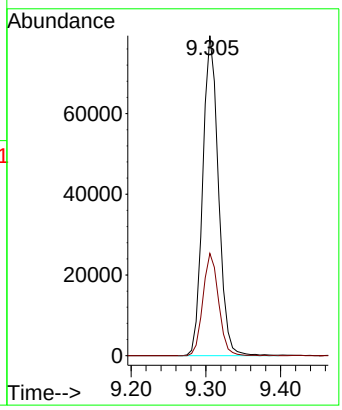
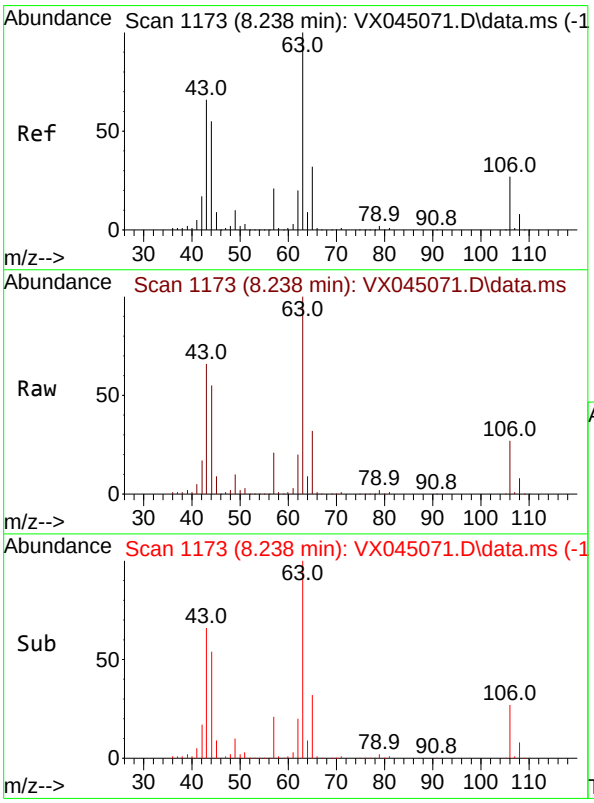
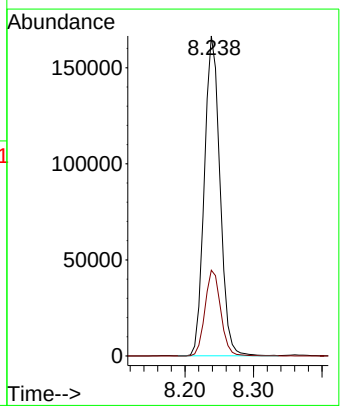


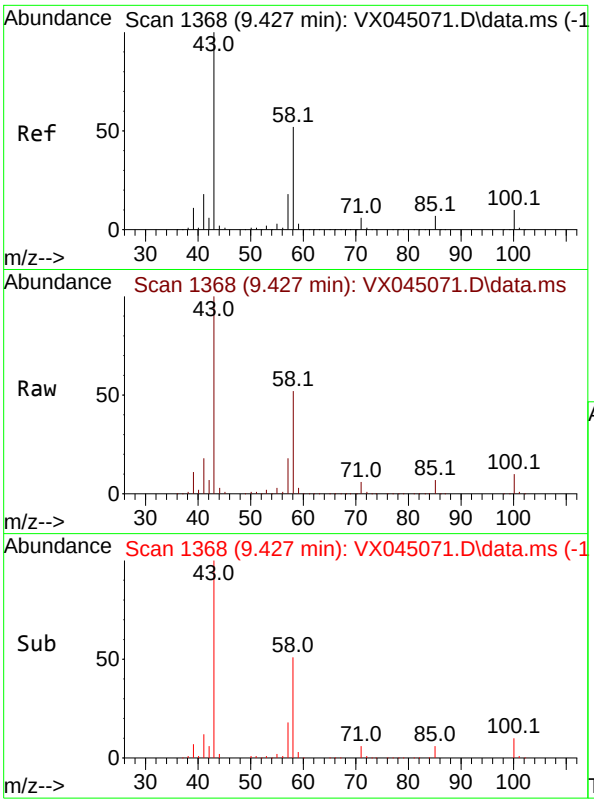


#58
2-Chloroethyl Vinyl ether
Concen: 267.612 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 63 Resp: 264555

Ion	Ratio	Lower	Upper
63	100		
106	26.9	21.5	32.3





#59
2-Hexanone
Concen: 297.362 ug/l
RT: 9.427 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 43 Resp: 41698

Ion	Ratio	Lower	Upper
43	100		
58	51.7	25.9	77.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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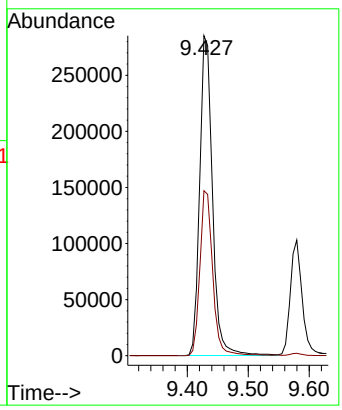
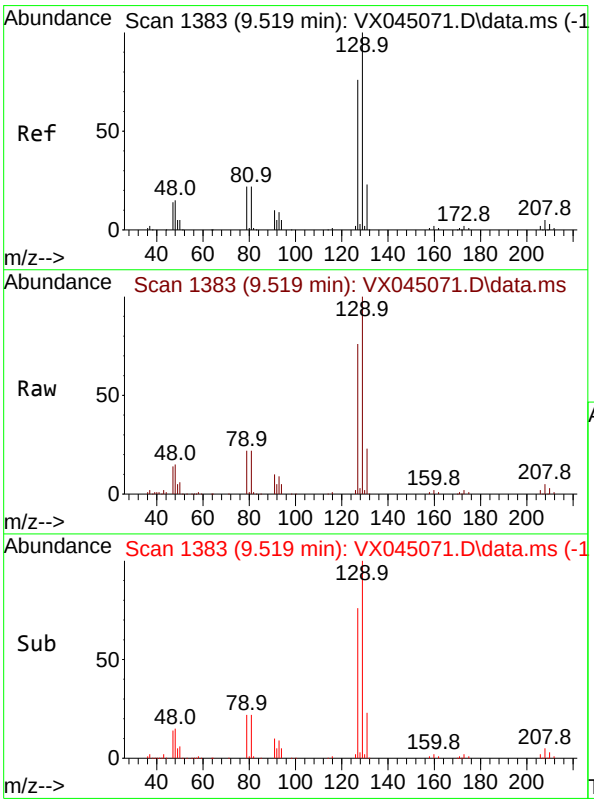
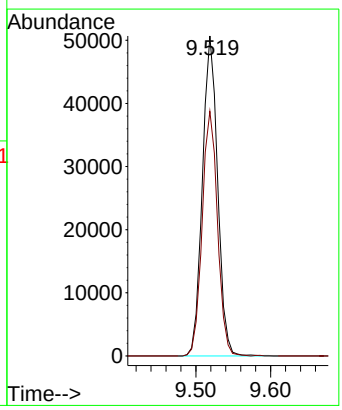


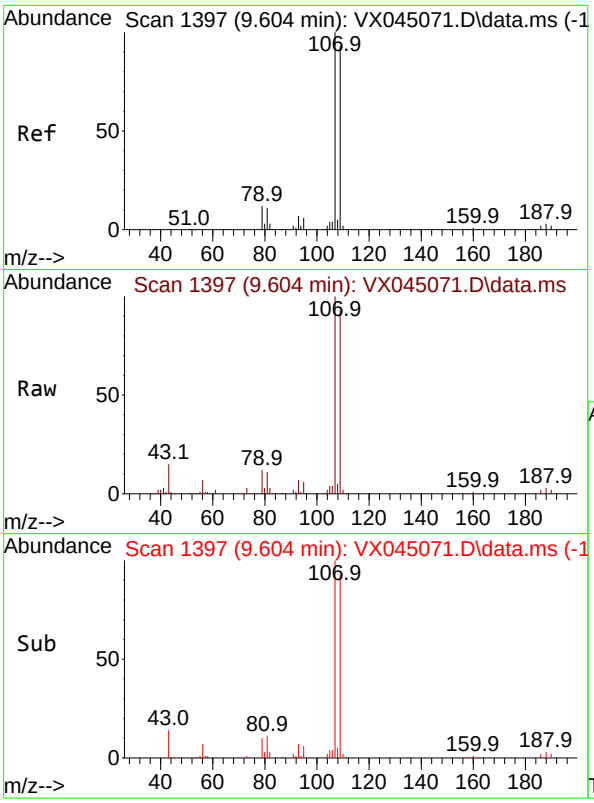


#60
Dibromochloromethane
Concen: 53.284 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion:129 Resp: 71569

Ion	Ratio	Lower	Upper
129	100		
127	77.0	38.5	115.5

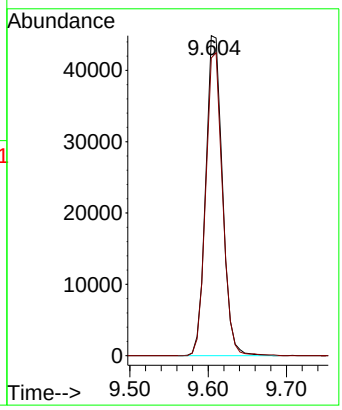




#61
1,2-Dibromoethane
Concen: 52.217 ug/l
RT: 9.604 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion:107 Resp: 6631

Ion	Ratio	Lower	Upper
107	100		
109	95.1	76.1	114.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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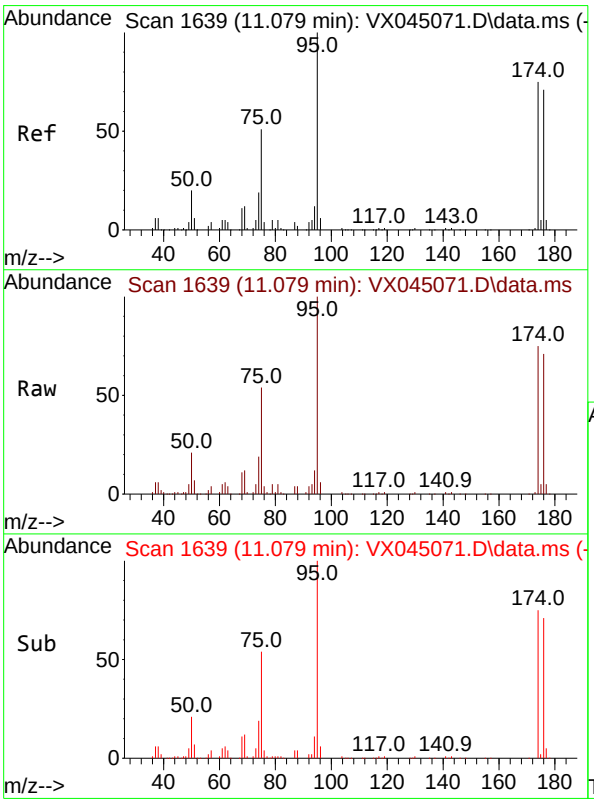
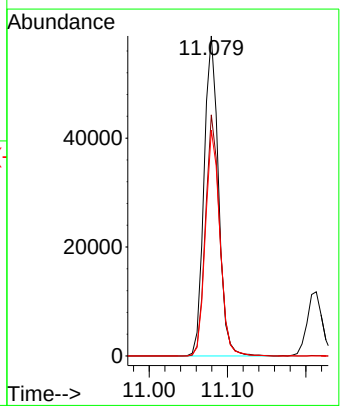
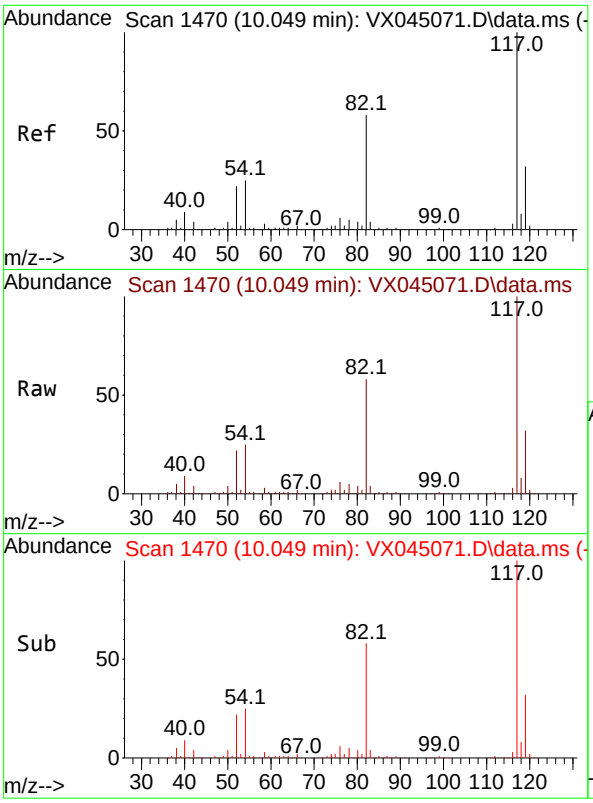


#62
4-Bromofluorobenzene
Concen: 49.212 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 95 Resp: 74945

Ion	Ratio	Lower	Upper
95	100		
174	74.1	0.0	148.2
176	70.7	0.0	141.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion:117 Resp: 16207

Ion	Ratio	Lower	Upper
117	100		
82	57.9	46.3	69.5
119	32.1	25.7	38.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

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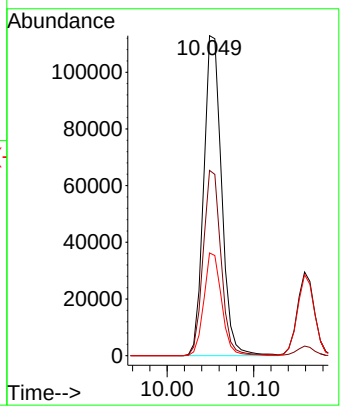
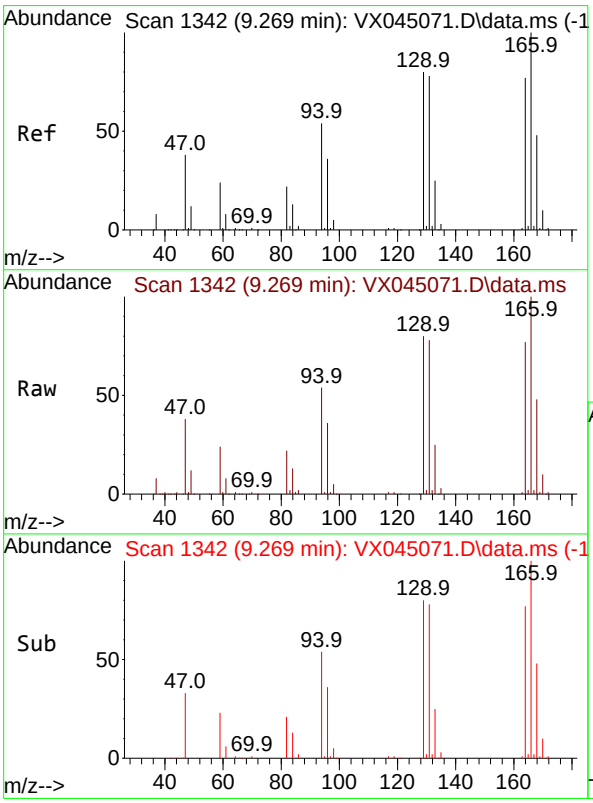
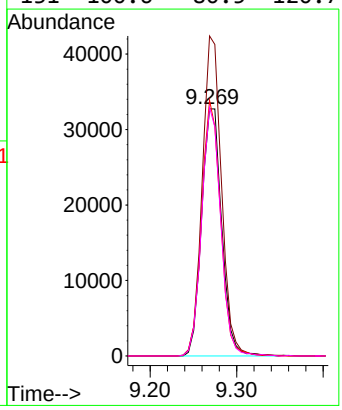


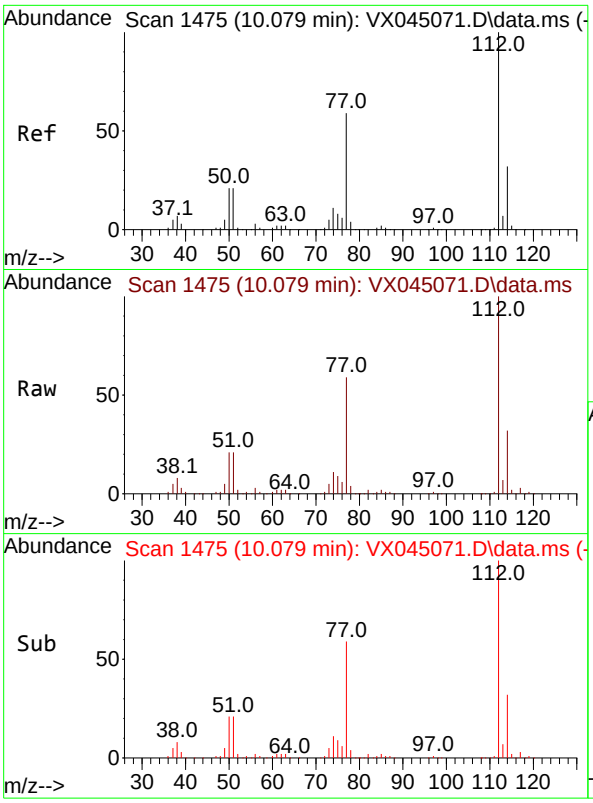


#64
Tetrachloroethene
Concen: 51.021 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion:164 Resp: 52531

Ion	Ratio	Lower	Upper
164	100		
166	129.5	103.6	155.4
129	103.4	82.7	124.1
131	100.6	80.5	120.7

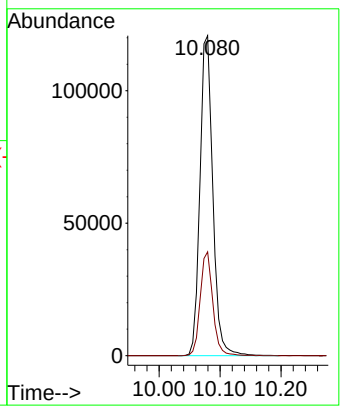




#65
Chlorobenzene
Concen: 50.853 ug/l
RT: 10.079 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion:112 Resp: 17692

Ion	Ratio	Lower	Upper
112	100		
114	32.5	26.0	39.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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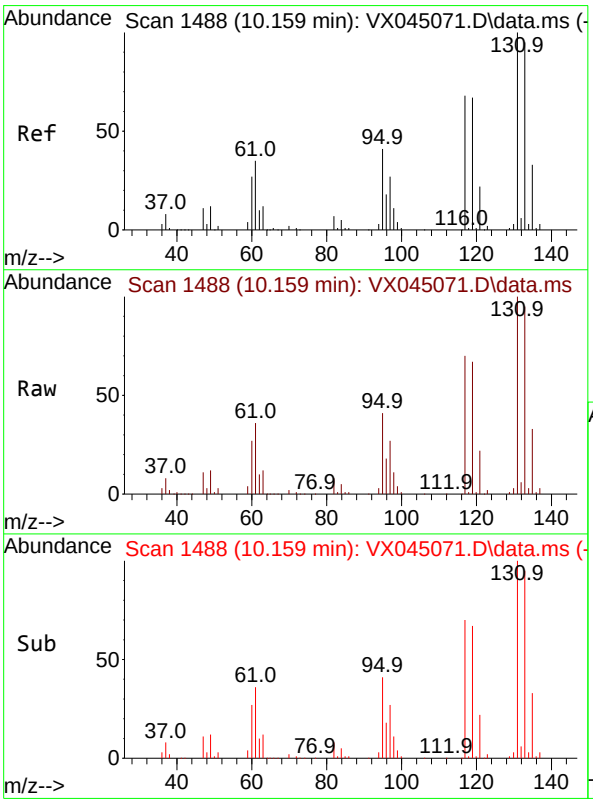
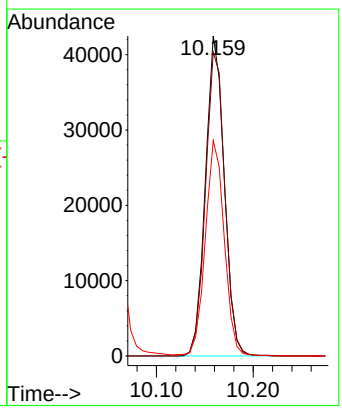
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

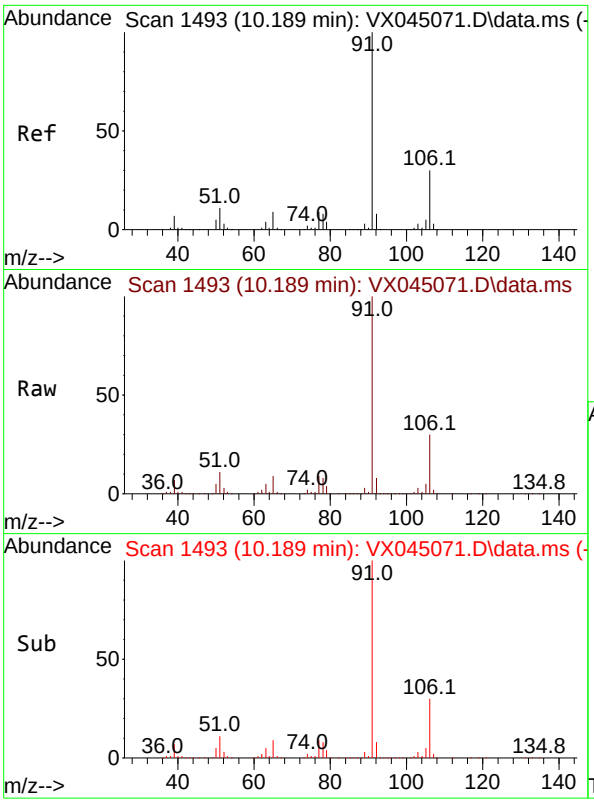


#66
1,1,1,2-Tetrachloroethane
Concen: 51.402 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion:131 Resp: 57642

Ion	Ratio	Lower	Upper
131	100		
133	97.3	48.6	145.9
119	67.8	33.9	101.7

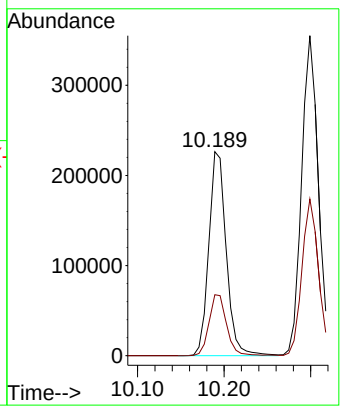




#67
Ethyl Benzene
Concen: 51.431 ug/l
RT: 10.189 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 91 Resp: 31642

Ion	Ratio	Lower	Upper
91	100		
106	29.9	23.9	35.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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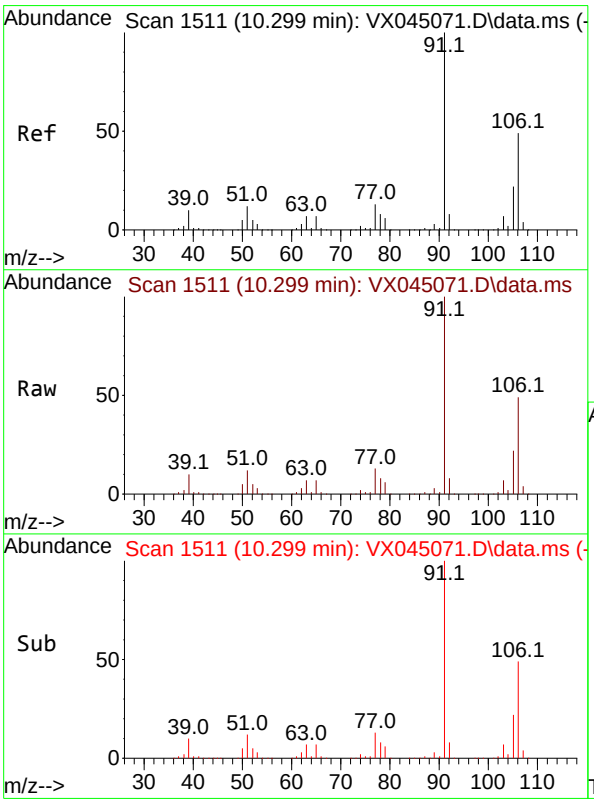
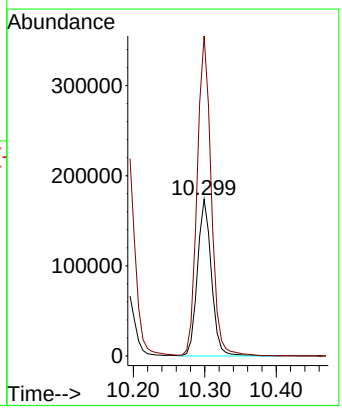
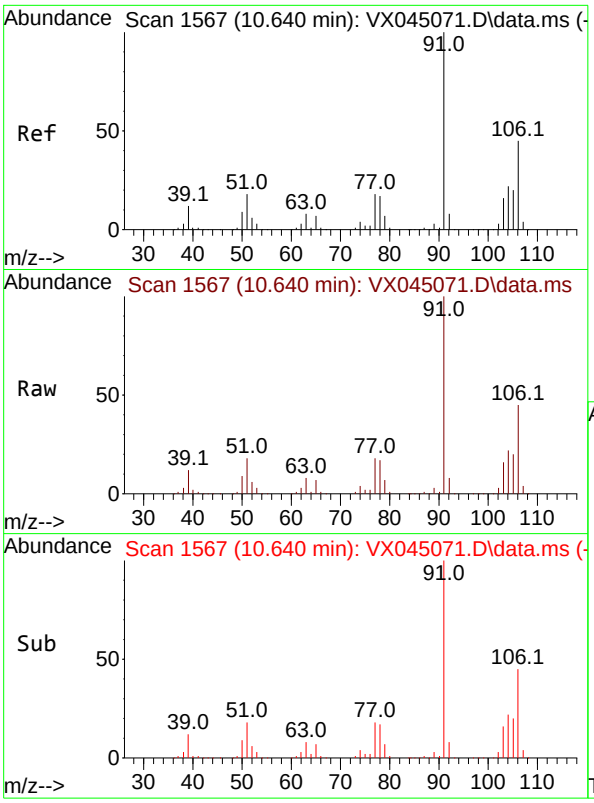


#68
m/p-Xylenes
Concen: 103.515 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion:106 Resp: 234554

Ion	Ratio	Lower	Upper
106	100		
91	206.7	165.4	248.0

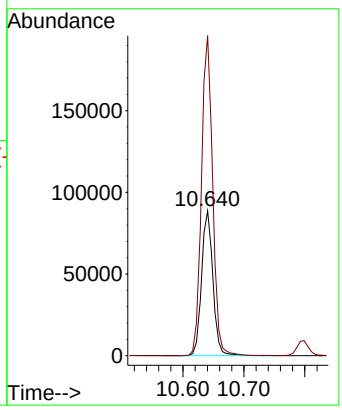




#69
o-Xylene
Concen: 50.341 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion:106 Resp: 11444

Ion	Ratio	Lower	Upper
106	100		
91	219.7	109.9	329.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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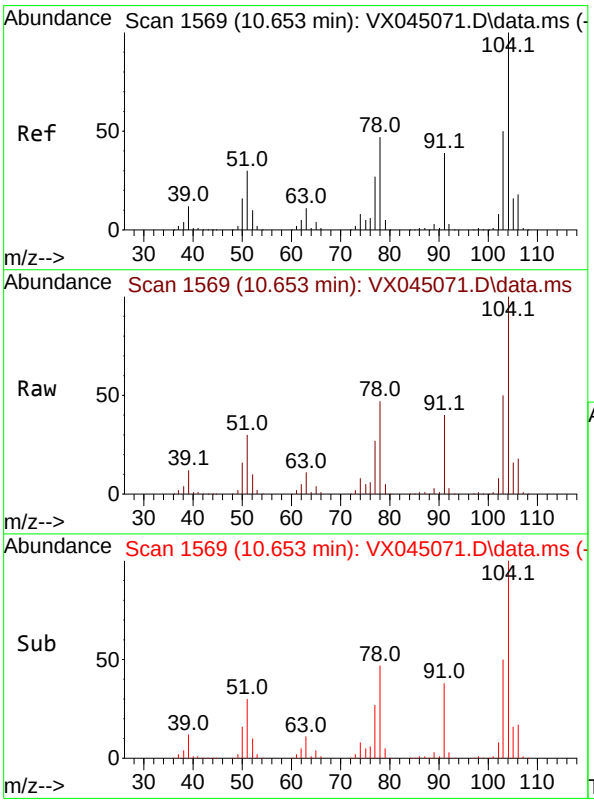
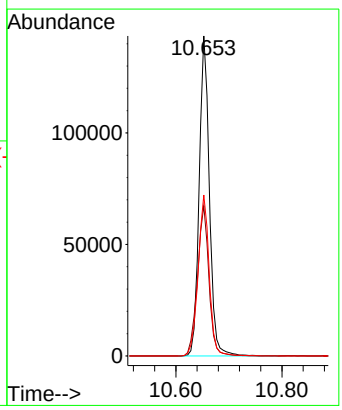
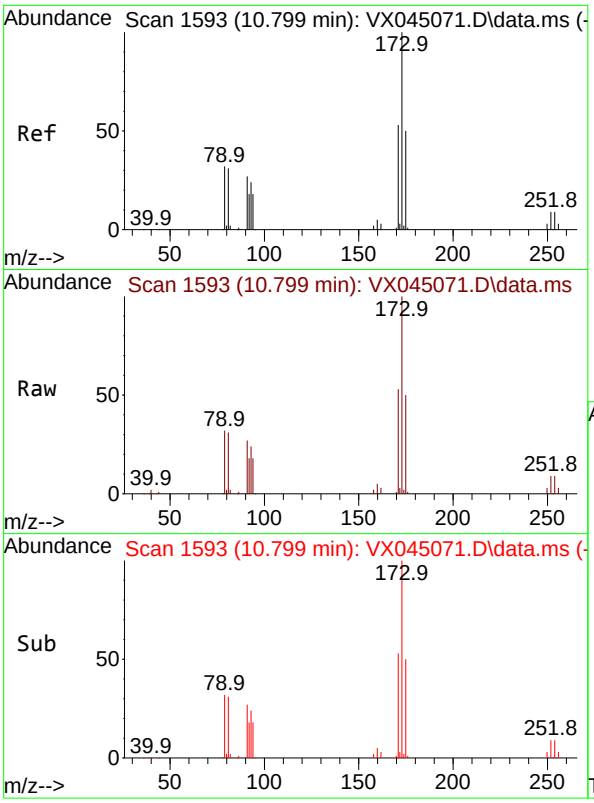


#70
Styrene
Concen: 52.387 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion:104 Resp: 191406

Ion	Ratio	Lower	Upper
104	100		
78	52.8	42.2	63.4
103	54.8	43.8	65.8

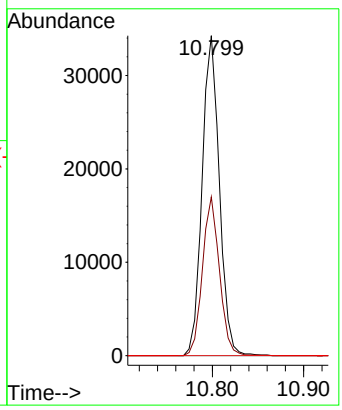




#71
Bromoform
Concen: 53.645 ug/l
RT: 10.799 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion:173 Resp: 4473

Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.6	73.6
254	0.0	0.0	0.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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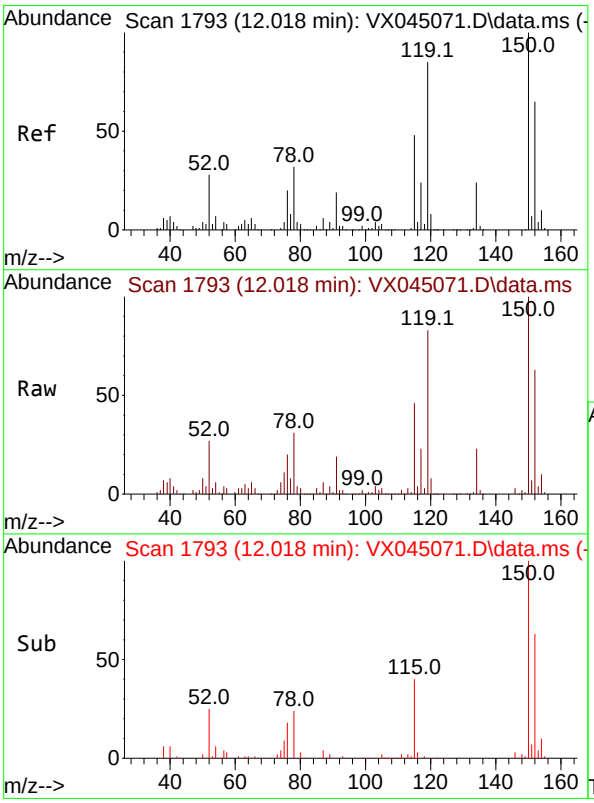
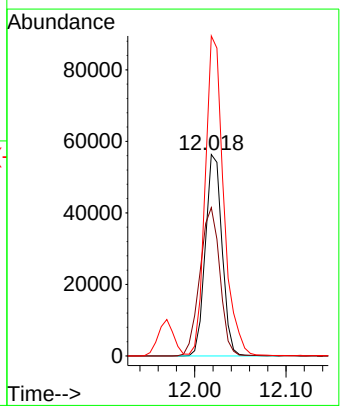
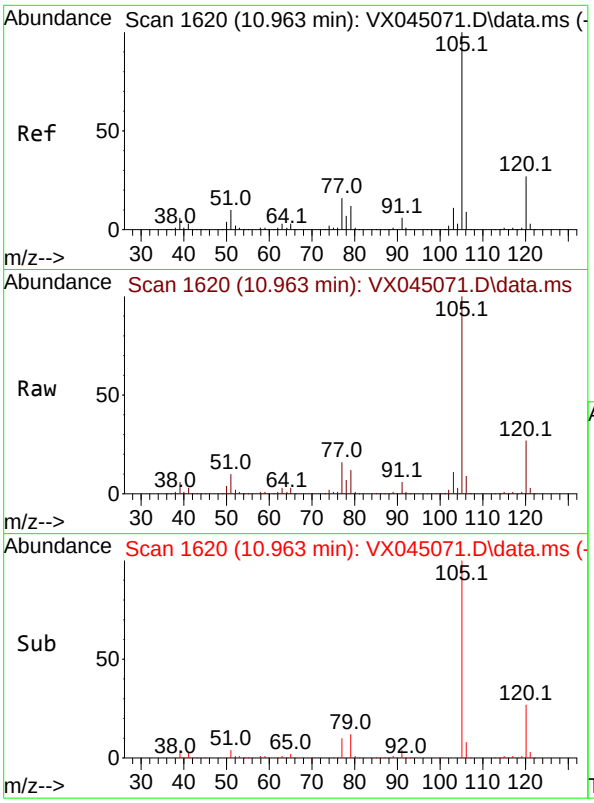


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion:152 Resp: 71264

Ion	Ratio	Lower	Upper
152	100		
115	88.4	44.2	132.6
150	174.5	0.0	349.0

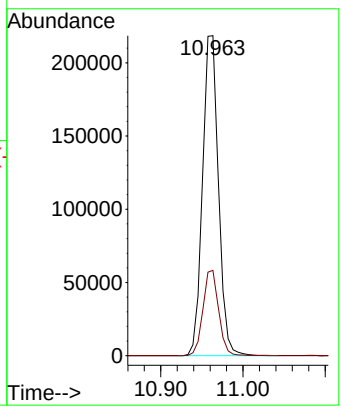




#73
Isopropylbenzene
Concen: 51.167 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion:105 Resp: 29469

Ion	Ratio	Lower	Upper
105	100		
120	26.3	13.2	39.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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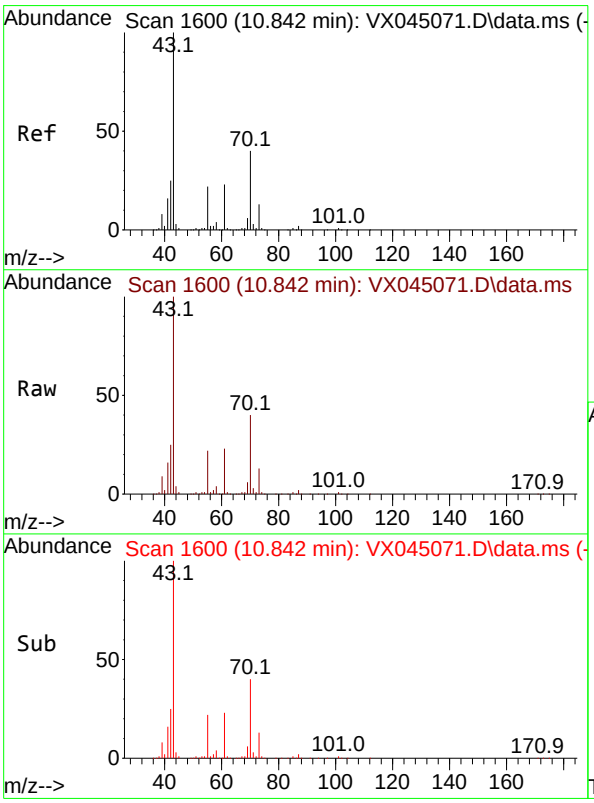
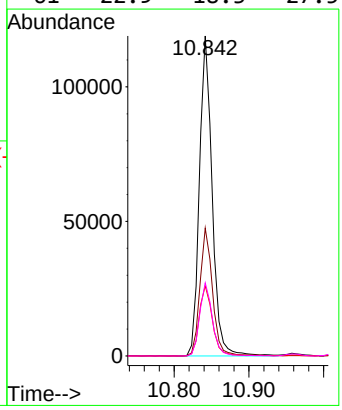
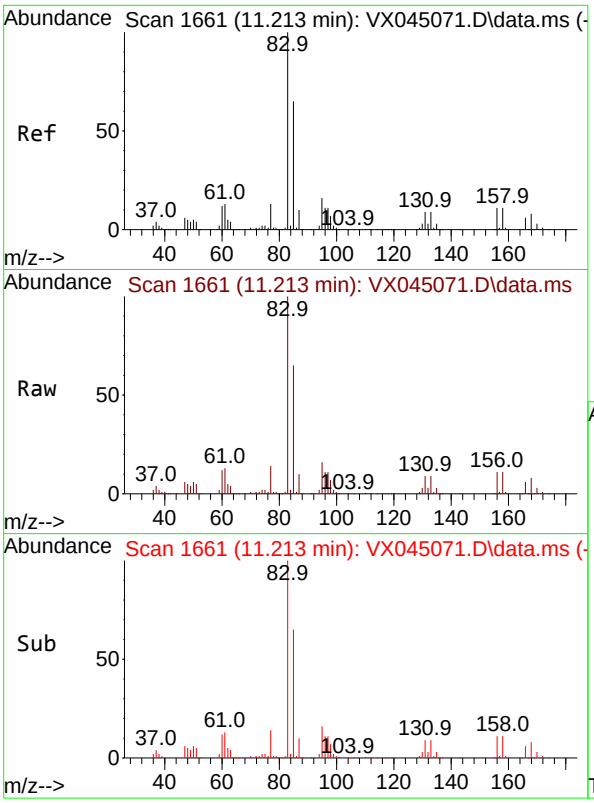


#74
N-amyl acetate
Concen: 53.881 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 43 Resp: 140869

Ion	Ratio	Lower	Upper
43	100		
70	39.7	31.8	47.6
55	22.9	18.3	27.5
61	22.9	18.3	27.5

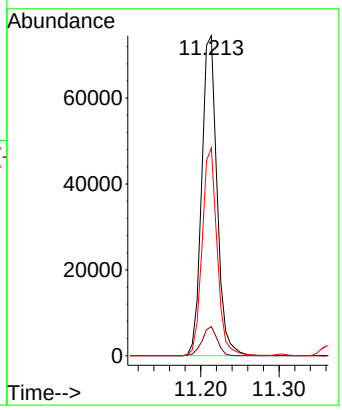




#75
1,1,2,2-Tetrachloroethane
Concen: 50.945 ug/l
RT: 11.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 83 Resp: 10108

Ion	Ratio	Lower	Upper
83	100		
131	8.9	4.5	13.4
85	63.4	31.7	95.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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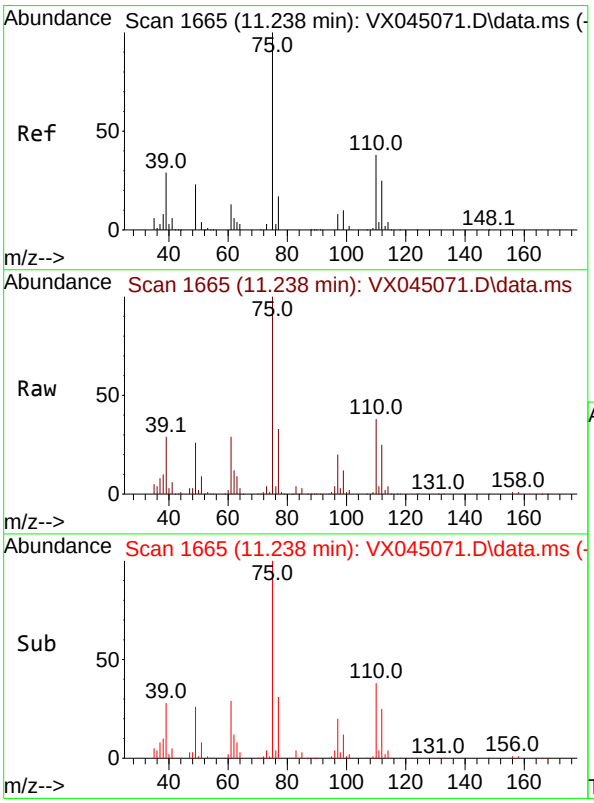
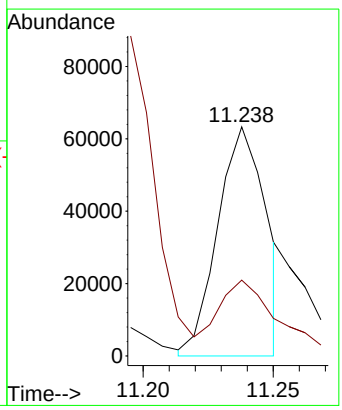
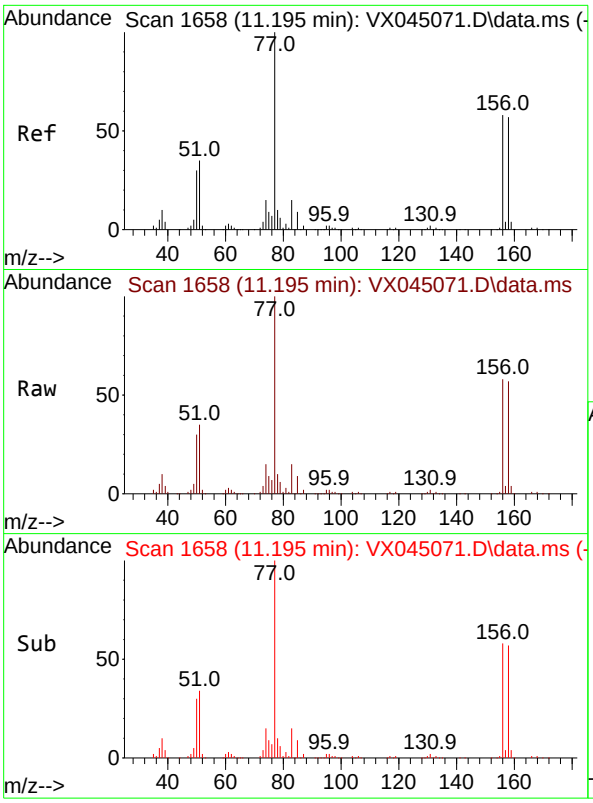


#76
1,2,3-Trichloropropane
Concen: 51.421 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 75 Resp: 81743

Ion	Ratio	Lower	Upper
75	100		
77	41.4	20.7	62.1

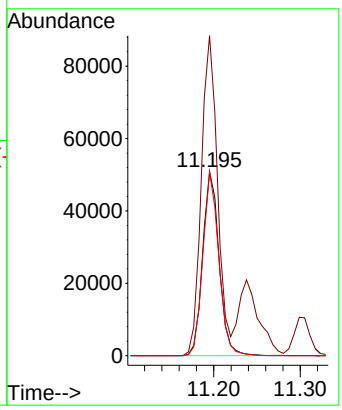




#77
Bromobenzene
Concen: 51.173 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion:156 Resp: 6690

Ion	Ratio	Lower	Upper
156	100		
77	171.6	85.8	257.4
158	96.8	48.4	145.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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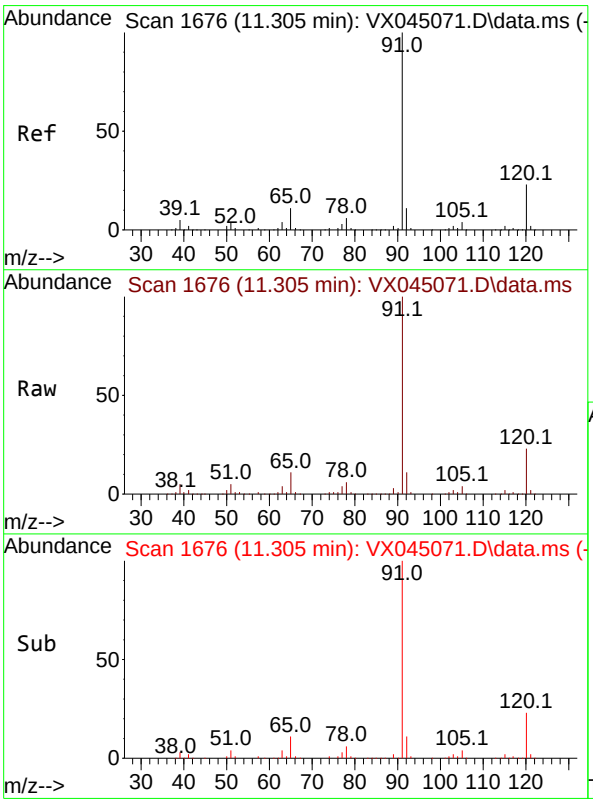
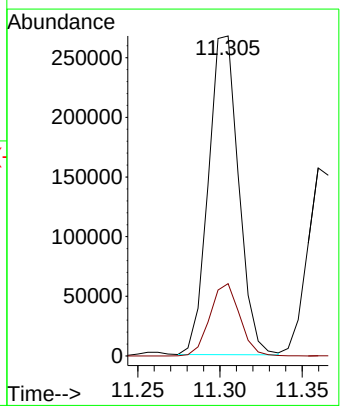
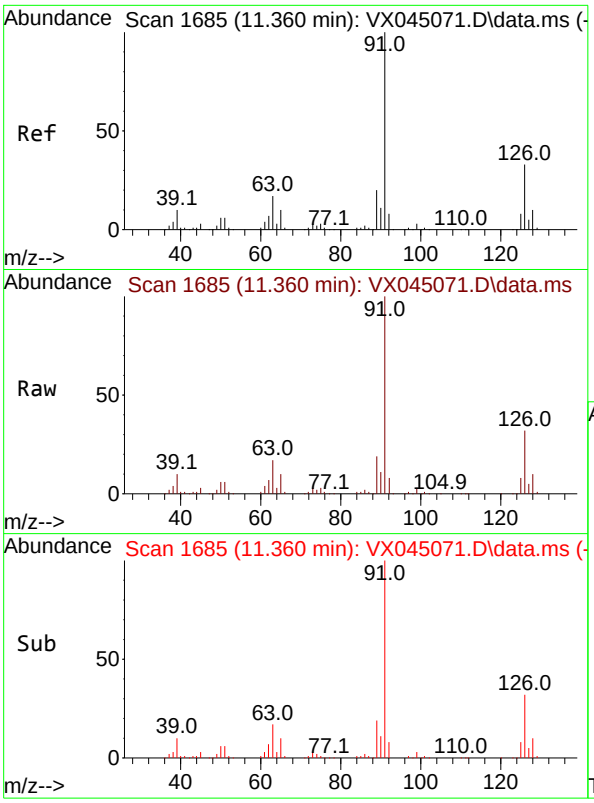


#78
n-propylbenzene
Concen: 51.546 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 91 Resp: 342399

Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.2	33.6

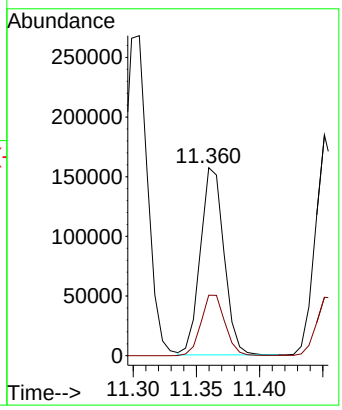




#79
2-Chlorotoluene
Concen: 50.154 ug/l
RT: 11.360 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 91 Resp: 20448

Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.4	49.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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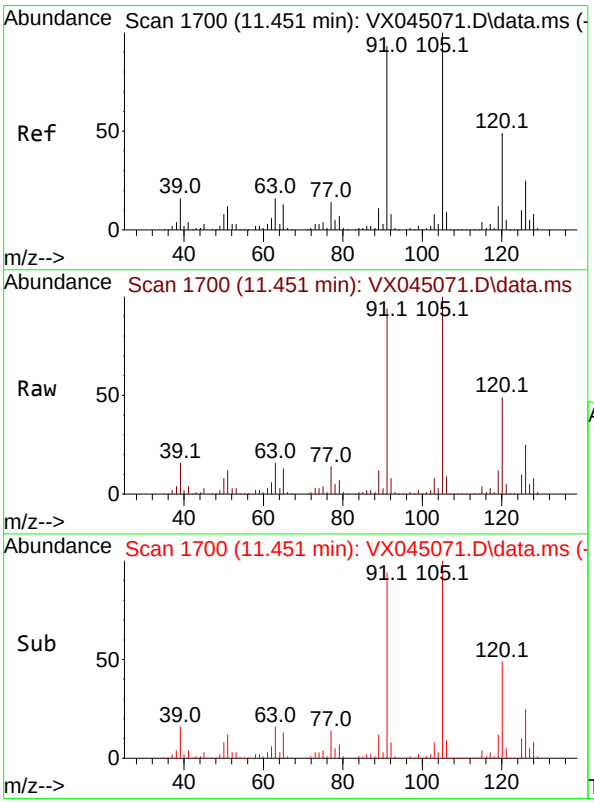
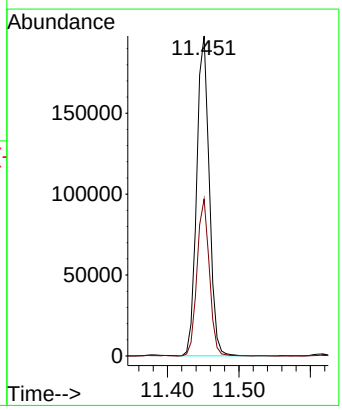
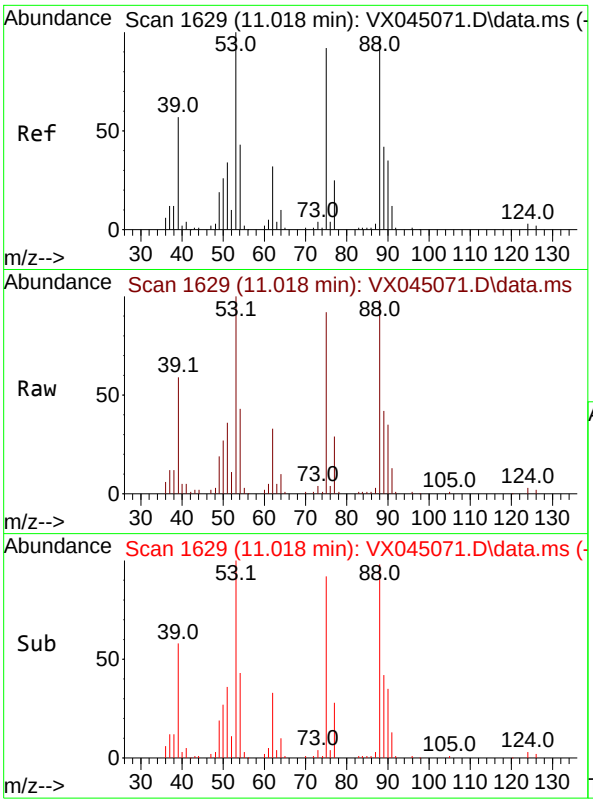


#80
1,3,5-Trimethylbenzene
Concen: 51.613 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion:105 Resp: 241129

Ion	Ratio	Lower	Upper
105	100		
120	48.1	24.1	72.2

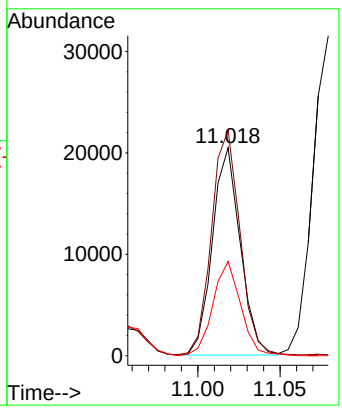




#81
trans-1,4-Dichloro-2-butene
Concen: 41.172 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 75 Resp: 2413

Ion	Ratio	Lower	Upper
75	100		
53	110.6	88.5	132.7
89	45.3	36.2	54.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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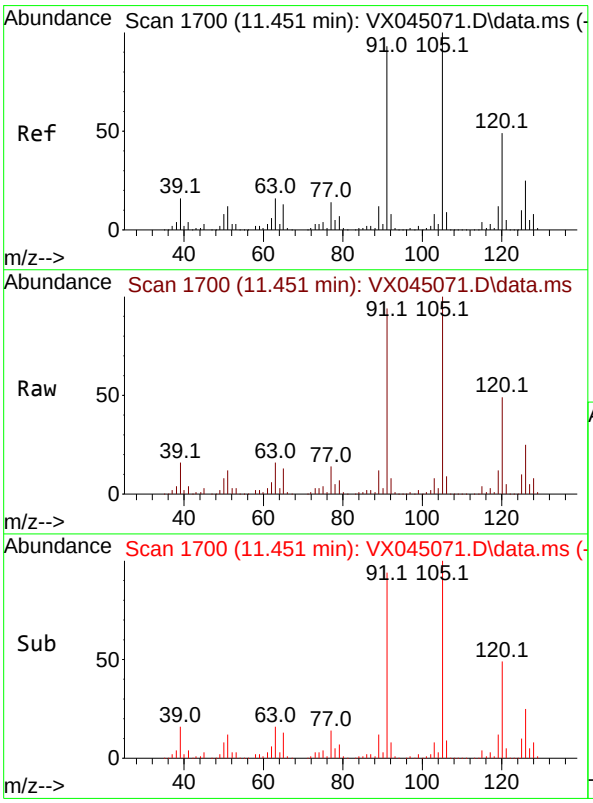
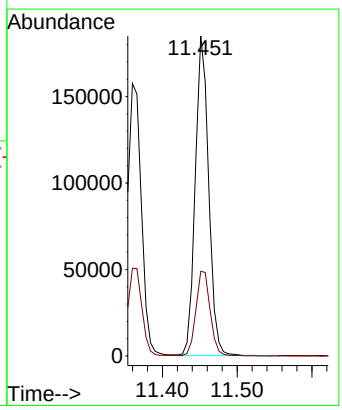
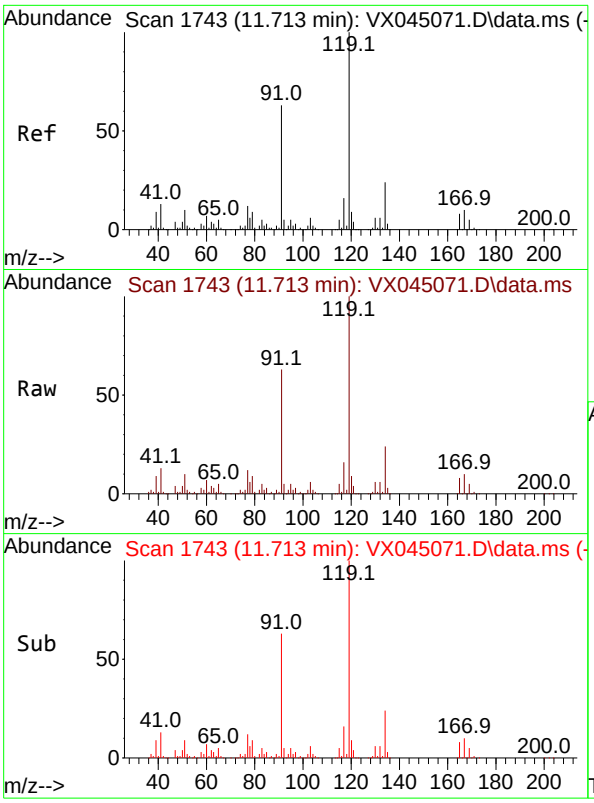


#82
4-Chlorotoluene
Concen: 51.072 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 91 Resp: 230493

Ion	Ratio	Lower	Upper
91	100		
126	28.3	14.1	42.4

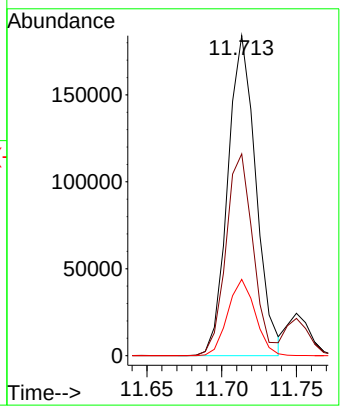




#83
tert-Butylbenzene
Concen: 50.895 ug/l
RT: 11.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion:119 Resp: 24051

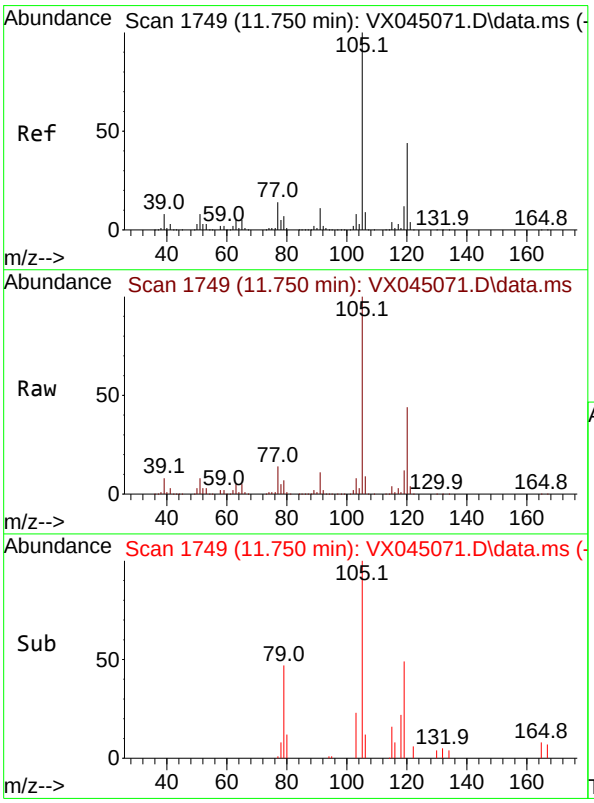
Ion	Ratio	Lower	Upper
119	100		
91	61.4	30.7	92.1
134	23.3	11.7	35.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

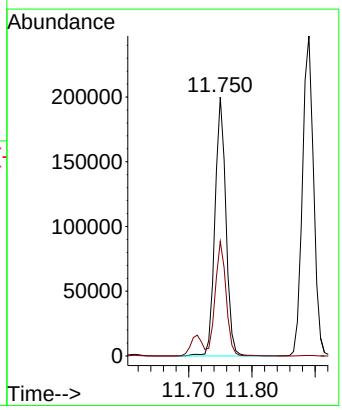
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

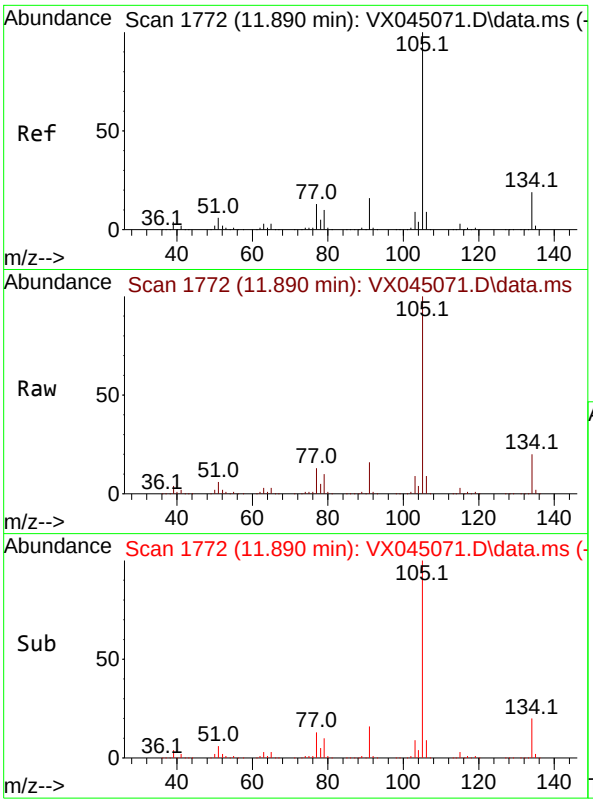


#84
1,2,4-Trimethylbenzene
Concen: 52.326 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion:105 Resp: 240719

Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.1	66.1

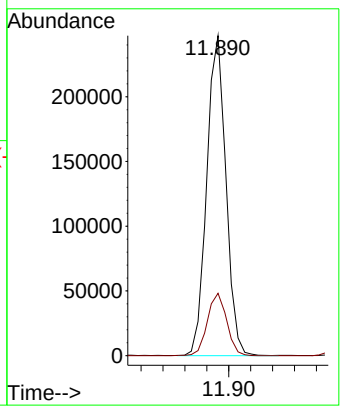




#85
sec-Butylbenzene
Concen: 51.353 ug/l
RT: 11.890 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion:105 Resp: 30039

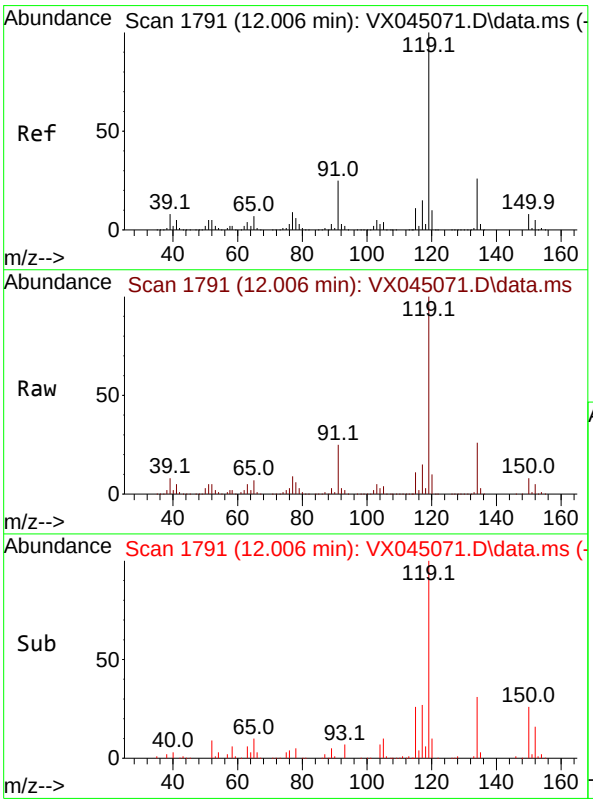
Ion	Ratio	Lower	Upper
105	100		
134	19.6	9.8	29.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

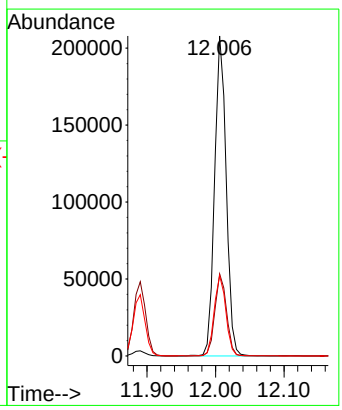
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

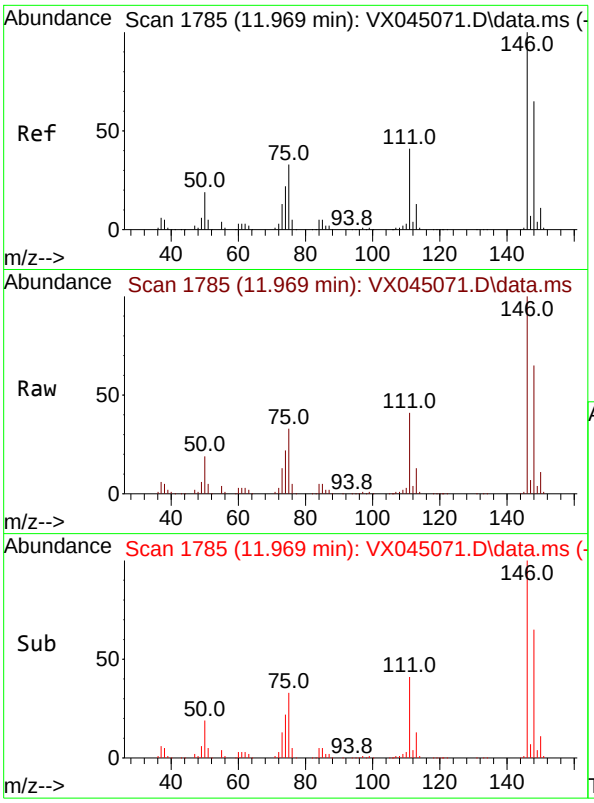


#86
p-Isopropyltoluene
Concen: 51.964 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion:119 Resp: 244031

Ion	Ratio	Lower	Upper
119	100		
134	25.7	12.9	38.6
91	25.3	12.7	38.0

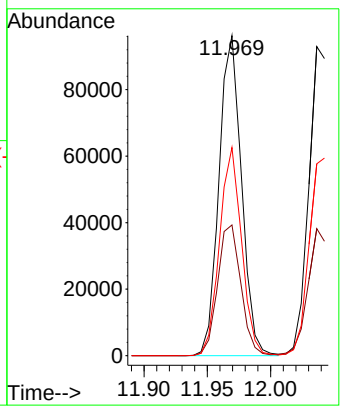




#87
1,3-Dichlorobenzene
Concen: 49.747 ug/l
RT: 11.969 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion:146 Resp: 11887

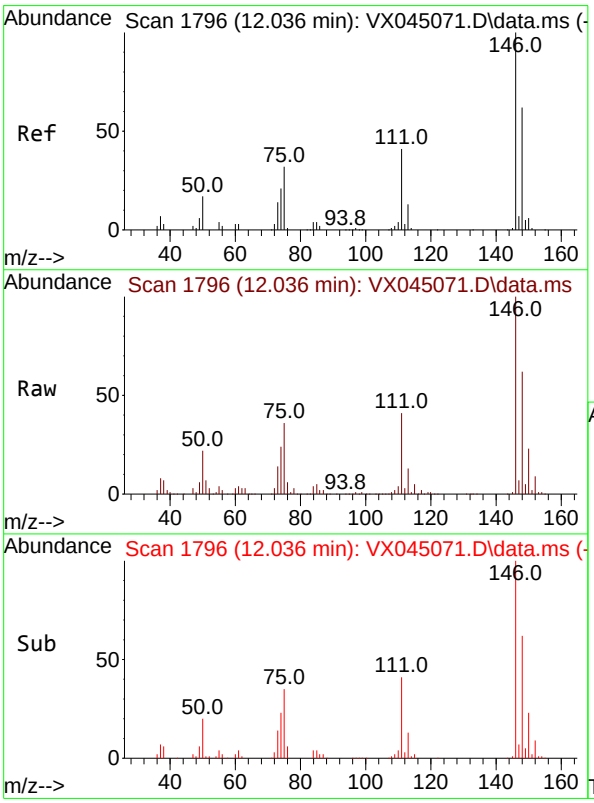
Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.1	63.4
148	63.8	31.9	95.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

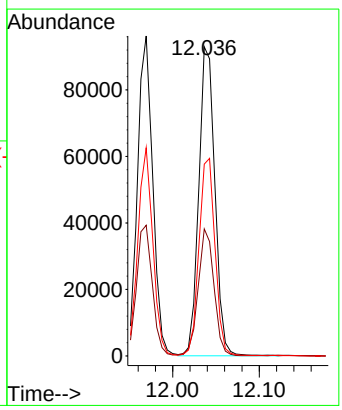
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

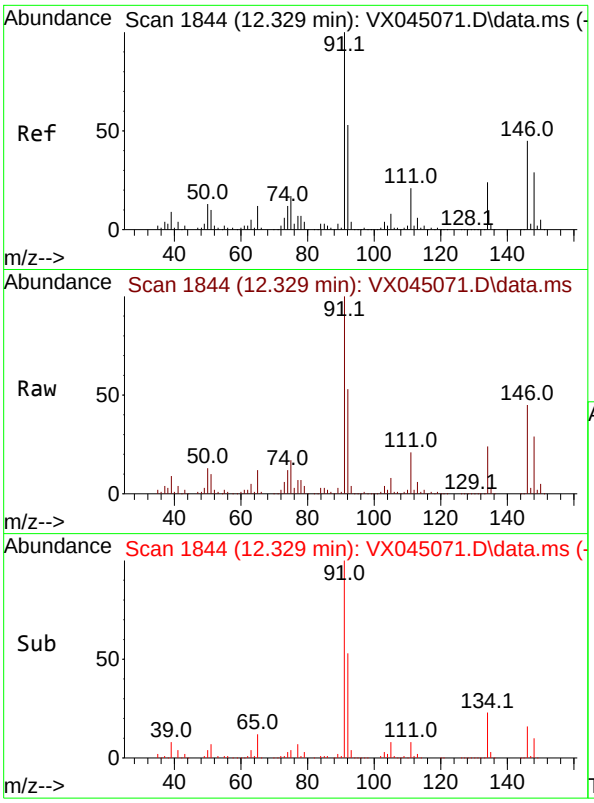


#88
1,4-Dichlorobenzene
Concen: 49.694 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion:146 Resp: 120217

Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.2	60.5
148	63.9	31.9	95.9

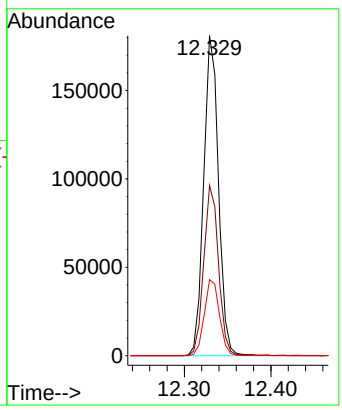




#89
n-Butylbenzene
Concen: 52.006 ug/l
RT: 12.329 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 91 Resp: 21468

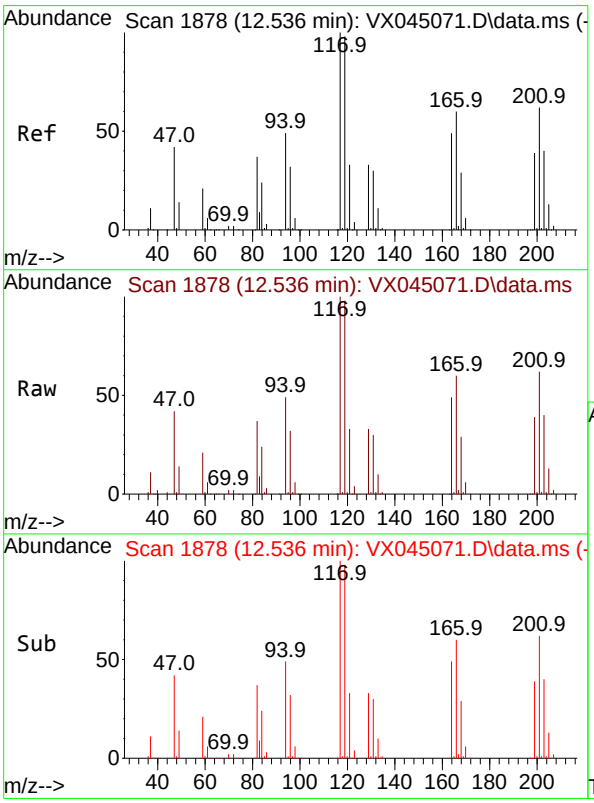
Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.7	80.0
134	24.4	12.2	36.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

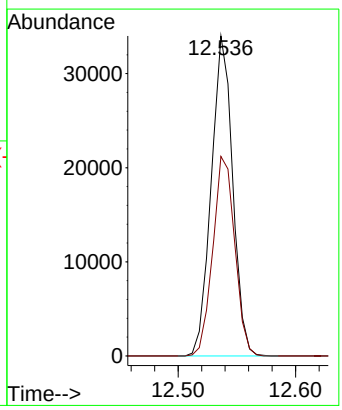
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

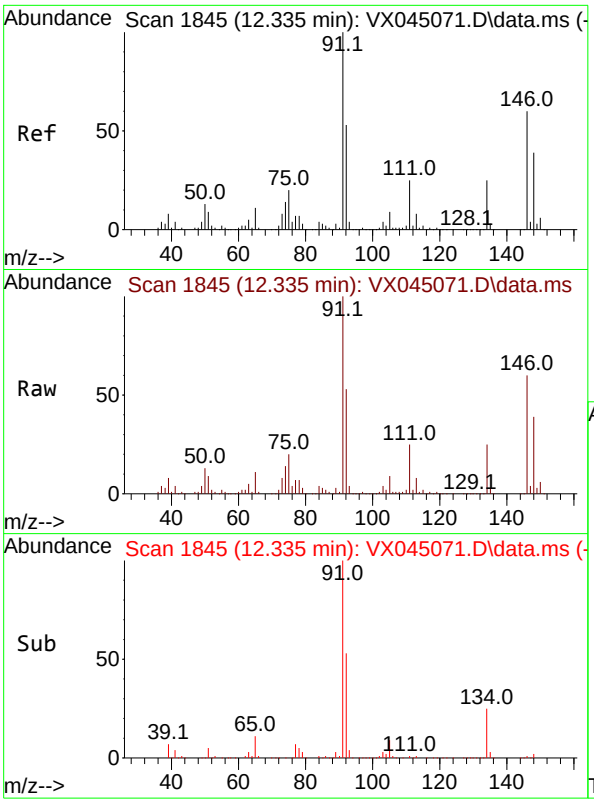


#90
Hexachloroethane
Concen: 49.188 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion:117 Resp: 43086

Ion	Ratio	Lower	Upper
117	100		
201	63.9	31.9	95.9

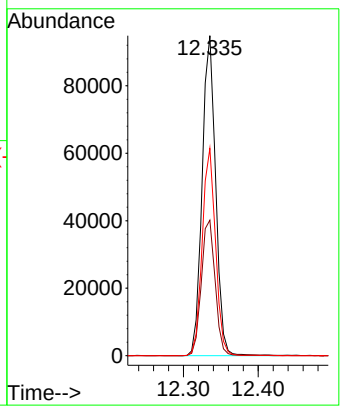




#91
1,2-Dichlorobenzene
Concen: 50.557 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion:146 Resp: 11889

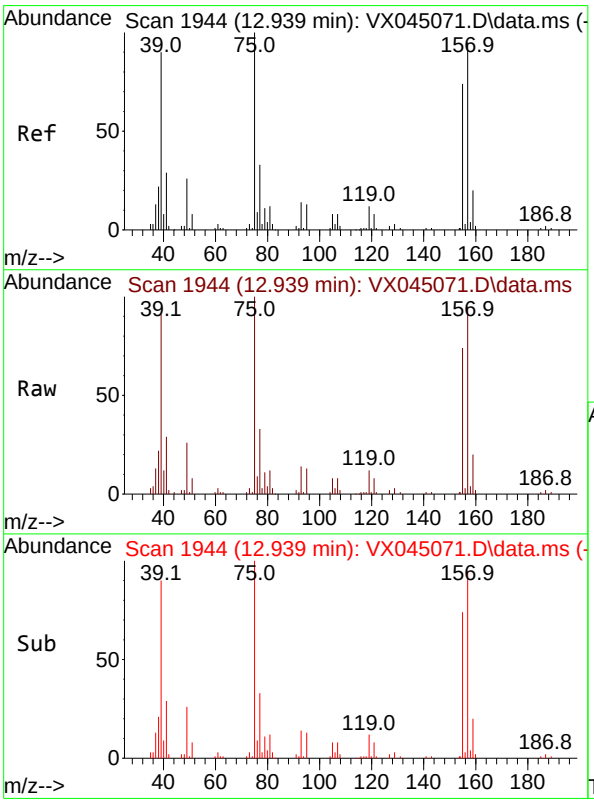
Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.6	65.0
148	63.9	31.9	95.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

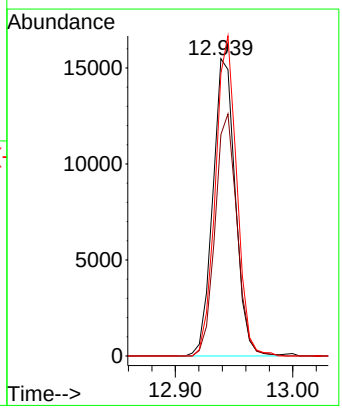
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

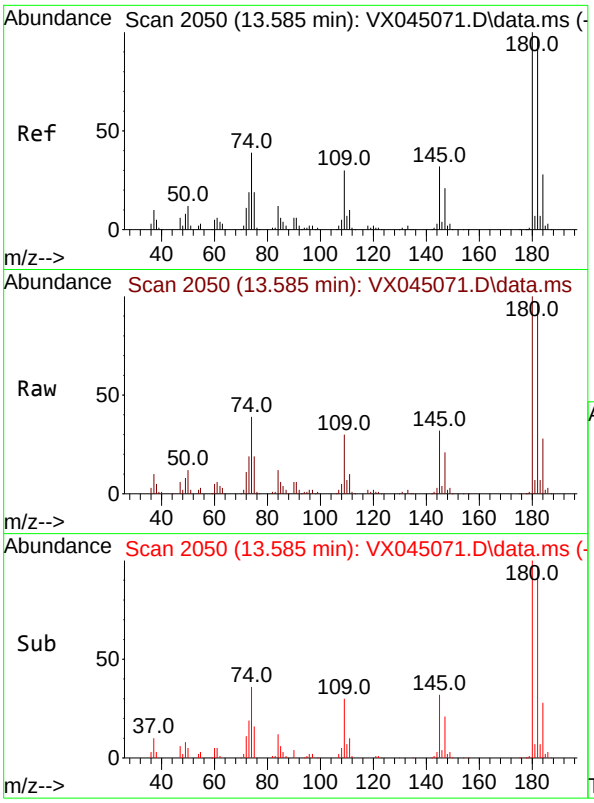


#92
1,2-Dibromo-3-Chloropropane
Concen: 56.123 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 75 Resp: 20610

Ion	Ratio	Lower	Upper
75	100		
155	79.1	39.6	118.7
157	102.3	51.1	153.4

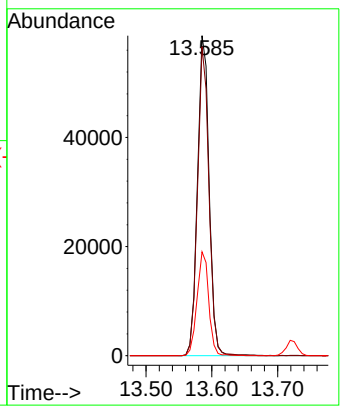




#93
1,2,4-Trichlorobenzene
Concen: 50.571 ug/l
RT: 13.585 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion:180 Resp: 7189

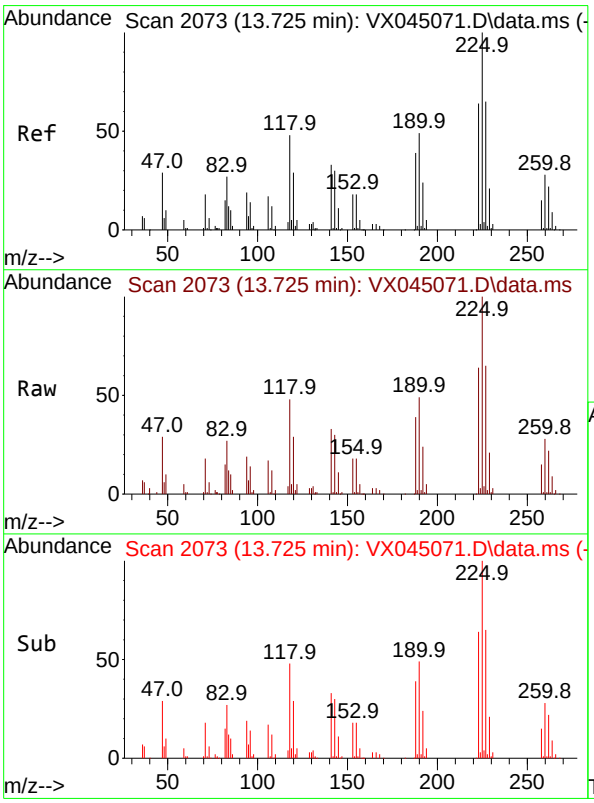
Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.3	141.9
145	32.6	16.3	48.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

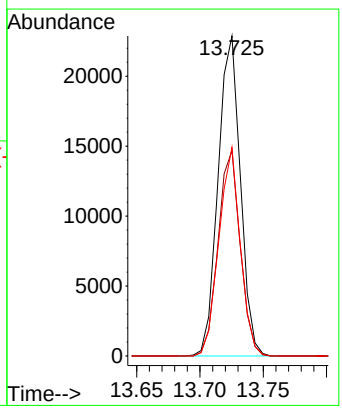
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

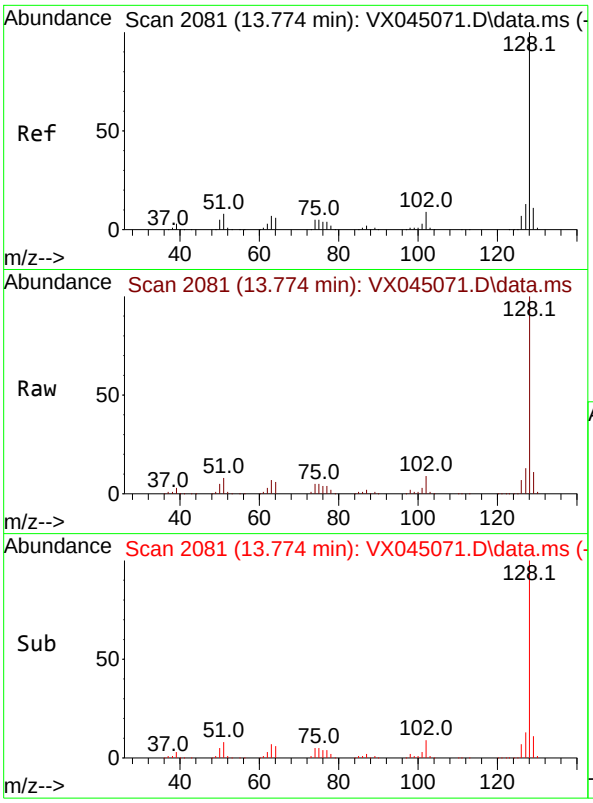


#94
Hexachlorobutadiene
Concen: 49.245 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion:225 Resp: 27916

Ion	Ratio	Lower	Upper
225	100		
223	63.8	31.9	95.7
227	62.7	31.4	94.0

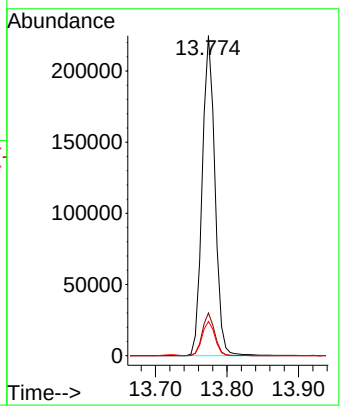




#95
Naphthalene
Concen: 53.700 ug/l
RT: 13.774 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion:128 Resp: 27808

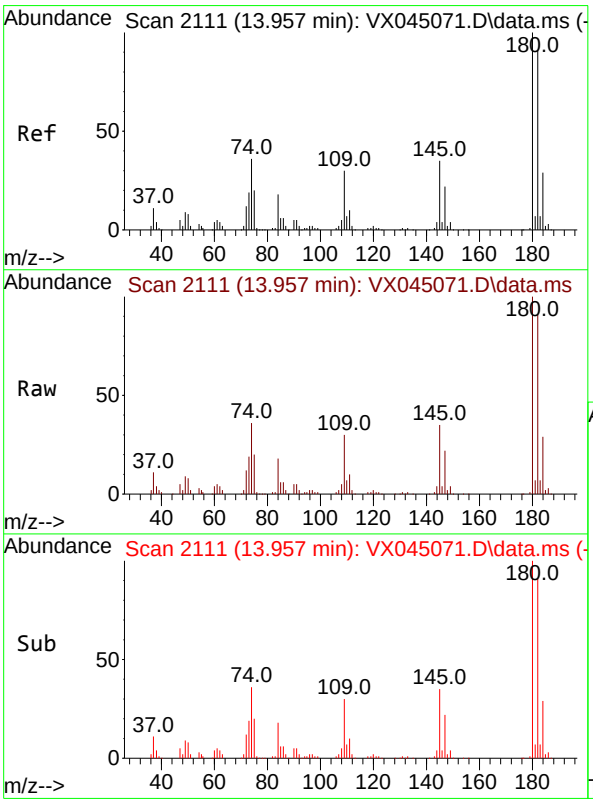
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.9	8.7	13.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

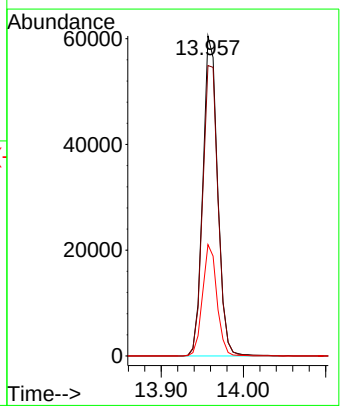
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#96
1,2,3-Trichlorobenzene
Concen: 52.406 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion:180 Resp: 75482

Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.5	142.6
145	33.9	17.0	50.9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045072.D
Acq On : 28 Feb 2025 03:23
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

Quant Time: Feb 28 05:35:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	101178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	181031	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	151175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	69086	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	158452	106.011	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 212.020%#			
35) Dibromofluoromethane	5.385	113	123185	104.110	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 208.220%#			
50) Toluene-d8	8.647	98	441188	99.595	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 199.200%#			
62) 4-Bromofluorobenzene	11.079	95	148476	100.365	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 200.720%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	126718	90.869	ug/l	95
3) Chloromethane	1.306	50	145825	85.936	ug/l	98
4) Vinyl Chloride	1.373	62	154734	93.360	ug/l	96
5) Bromomethane	1.593	94	57503	110.980	ug/l	97
6) Chloroethane	1.660	64	60155	95.351	ug/l	97
7) Trichlorofluoromethane	1.861	101	198701	93.594	ug/l	99
8) Diethyl Ether	2.135	74	78263	101.441	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.312	101	120518	95.064	ug/l	98
10) Methyl Iodide	2.440	142	153466	94.425	ug/l	99
11) Tert butyl alcohol	3.001	59	135016	493.141	ug/l	98
12) 1,1-Dichloroethene	2.306	96	125436	96.366	ug/l	98
13) Acrolein	2.239	56	180411	608.485	ug/l	99
14) Allyl chloride	2.654	41	220783	94.344	ug/l	98
15) Acrylonitrile	3.068	53	391946	526.749	ug/l	100
16) Acetone	2.392	43	348698	566.991	ug/l	99
17) Carbon Disulfide	2.495	76	345572	97.574	ug/l	98
18) Methyl Acetate	2.709	43	175784	94.899	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	431413	103.661	ug/l	100
20) Methylene Chloride	2.782	84	140388	96.381	ug/l	98
21) trans-1,2-Dichloroethene	3.080	96	128232	100.164	ug/l	98
22) Diisopropyl ether	3.763	45	467534	104.489	ug/l	98
23) Vinyl Acetate	3.721	43	2035880	554.219	ug/l	99
24) 1,1-Dichloroethane	3.605	63	257023	102.805	ug/l	100
25) 2-Butanone	4.562	43	559182	563.952	ug/l	99
26) 2,2-Dichloropropane	4.470	77	124805	67.148	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	155193	100.568	ug/l	99
28) Bromochloromethane	4.897	49	113848	94.428	ug/l	98
29) Tetrahydrofuran	5.007	42	365565	556.465	ug/l	100
30) Chloroform	5.092	83	248978	101.814	ug/l	97
31) Cyclohexane	5.464	56	231082	100.711	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	211302	102.638	ug/l	99
36) 1,1-Dichloropropene	5.690	75	172295	101.258	ug/l	99
37) Ethyl Acetate	4.720	43	220327	113.796	ug/l	99
38) Carbon Tetrachloride	5.671	117	177219	105.940	ug/l	97
39) Methylcyclohexane	7.372	83	219856	101.175	ug/l	99
40) Benzene	6.031	78	541974	101.908	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045072.D
Acq On : 28 Feb 2025 03:23
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Feb 28 05:35:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	120186	116.205	ug/l		98
42) 1,2-Dichloroethane	6.086	62	189857	110.158	ug/l		99
43) Isopropyl Acetate	6.342	43	338414	109.806	ug/l		99
44) Trichloroethene	7.122	130	128124	105.402	ug/l		96
45) 1,2-Dichloropropane	7.427	63	135997	102.898	ug/l		100
46) Dibromomethane	7.580	93	97248	105.329	ug/l		99
47) Bromodichloromethane	7.817	83	191016	106.947	ug/l		97
48) Methyl methacrylate	7.695	41	165825	113.344	ug/l		99
49) 1,4-Dioxane	7.665	88	66308	2132.314	ug/l		99
51) 4-Methyl-2-Pentanone	8.573	43	1048140	555.050	ug/l		99
52) Toluene	8.714	92	316349	100.178	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	177352	100.462	ug/l		97
54) cis-1,3-Dichloropropene	8.366	75	200943	101.815	ug/l		98
55) 1,1,2-Trichloroethane	9.146	97	123426	100.920	ug/l		99
56) Ethyl methacrylate	9.116	69	208782	106.744	ug/l		100
57) 1,3-Dichloropropane	9.305	76	216267	101.387	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	494551	514.987	ug/l		99
59) 2-Hexanone	9.433	43	779492	572.233	ug/l		99
60) Dibromochloromethane	9.518	129	139245	106.719	ug/l		99
61) 1,2-Dibromoethane	9.610	107	128617	104.259	ug/l		99
64) Tetrachloroethene	9.268	164	99386	103.491	ug/l		98
65) Chlorobenzene	10.079	112	332473	102.456	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.158	131	112451	107.511	ug/l		96
67) Ethyl Benzene	10.189	91	596257	103.905	ug/l		100
68) m/p-Xylenes	10.299	106	432214	204.507	ug/l		99
69) o-Xylene	10.640	106	213835	100.849	ug/l		99
70) Styrene	10.652	104	357649	104.948	ug/l		99
71) Bromoform	10.799	173	90800	116.751	ug/l	#	99
73) Isopropylbenzene	10.963	105	553533	99.138	ug/l		99
74) N-amyl acetate	10.841	43	287104	113.277	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.213	83	192217	99.923	ug/l		98
76) 1,2,3-Trichloropropane	11.238	75	156259m	101.395	ug/l		
77) Bromobenzene	11.195	156	125700	99.175	ug/l		97
78) n-propylbenzene	11.305	91	648835	100.758	ug/l		99
79) 2-Chlorotoluene	11.359	91	382703	96.825	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	445466	98.356	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	51975	91.460	ug/l		99
82) 4-Chlorotoluene	11.451	91	433881	99.168	ug/l		100
83) tert-Butylbenzene	11.713	119	454859	99.288	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	450108	100.926	ug/l		99
85) sec-Butylbenzene	11.890	105	570006	100.517	ug/l		100
86) p-Isopropyltoluene	12.006	119	465512	102.252	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	231440	99.903	ug/l		100
88) 1,4-Dichlorobenzene	12.042	146	230663	98.355	ug/l		99
89) n-Butylbenzene	12.329	91	428209	107.000	ug/l		99
90) Hexachloroethane	12.536	117	87448	102.980	ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	233125	102.254	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	41402	116.296	ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	148368	107.648	ug/l		99
94) Hexachlorobutadiene	13.725	225	56065	102.019	ug/l		99
95) Naphthalene	13.774	128	565250	112.593	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	152970	109.554	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045072.D
Acq On : 28 Feb 2025 03:23
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

Quant Time: Feb 28 05:35:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045072.D
Acq On : 28 Feb 2025 03:23
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Feb 28 05:35:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

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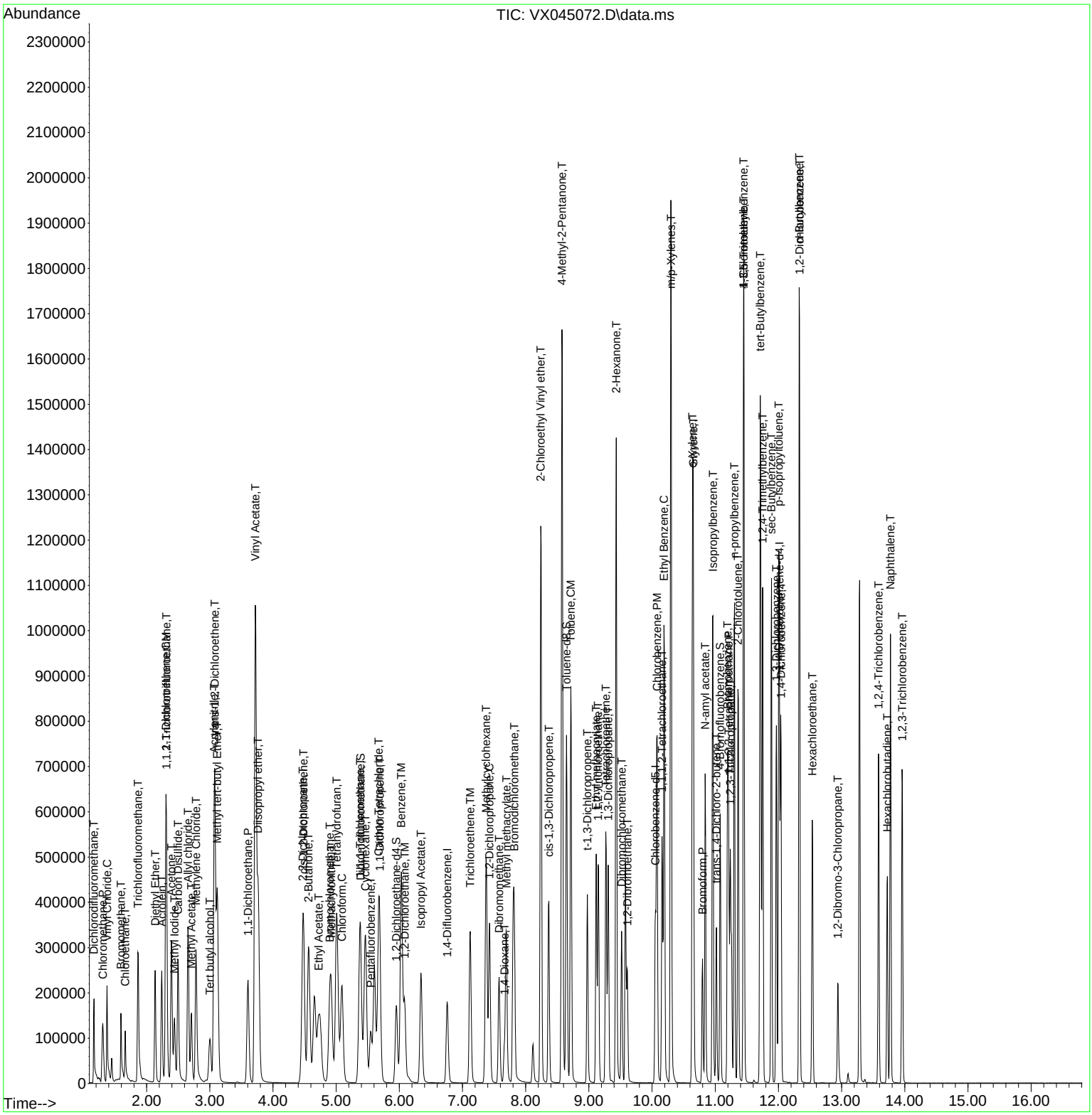
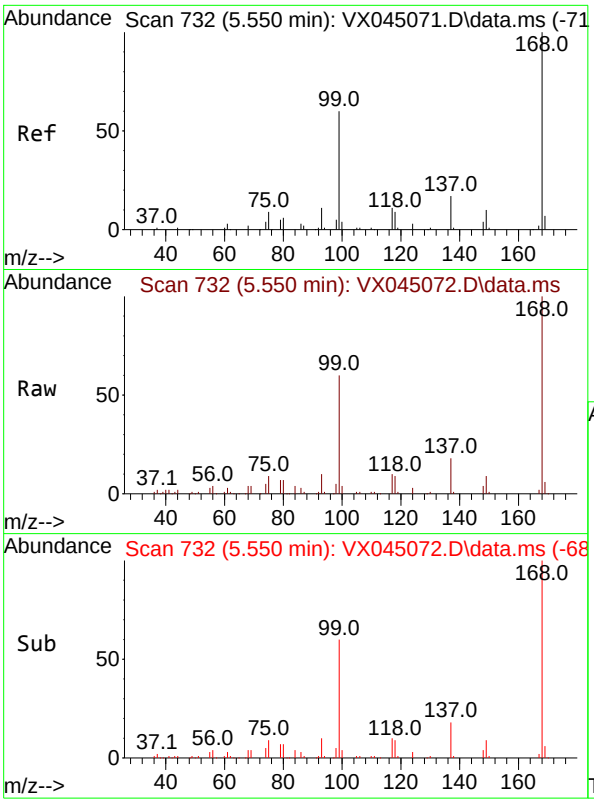
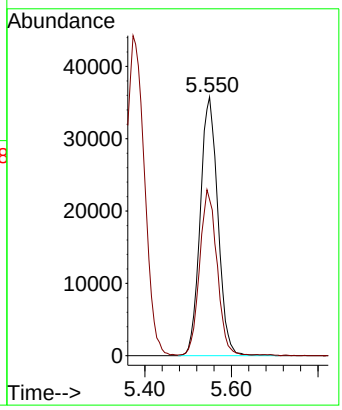




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion:168 Resp: 10117

Ion	Ratio	Lower	Upper
168	100		
99	60.2	48.2	72.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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Reviewed By :John Carlone 02/28/2025
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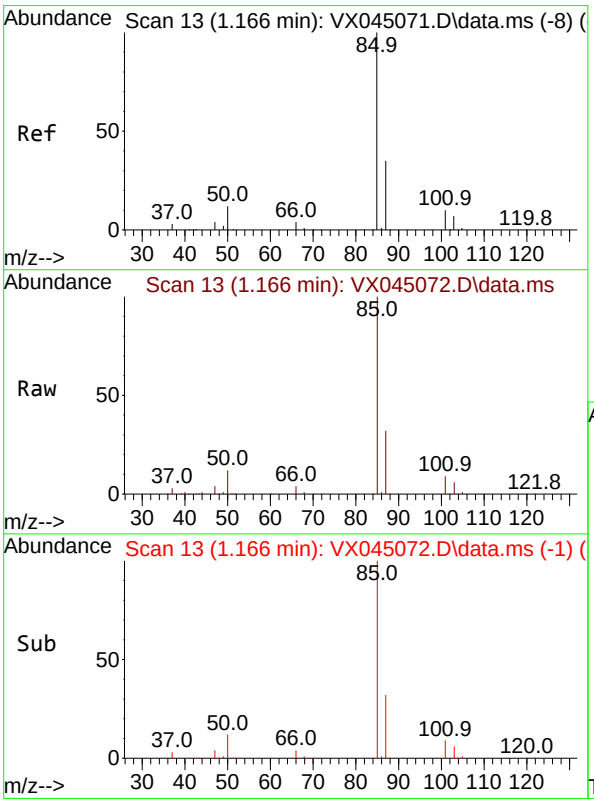
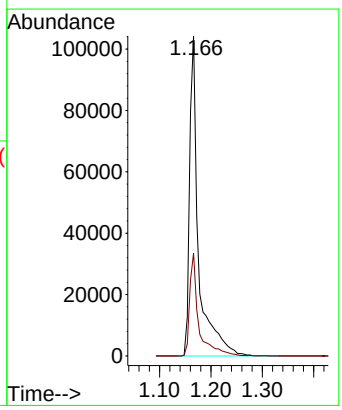
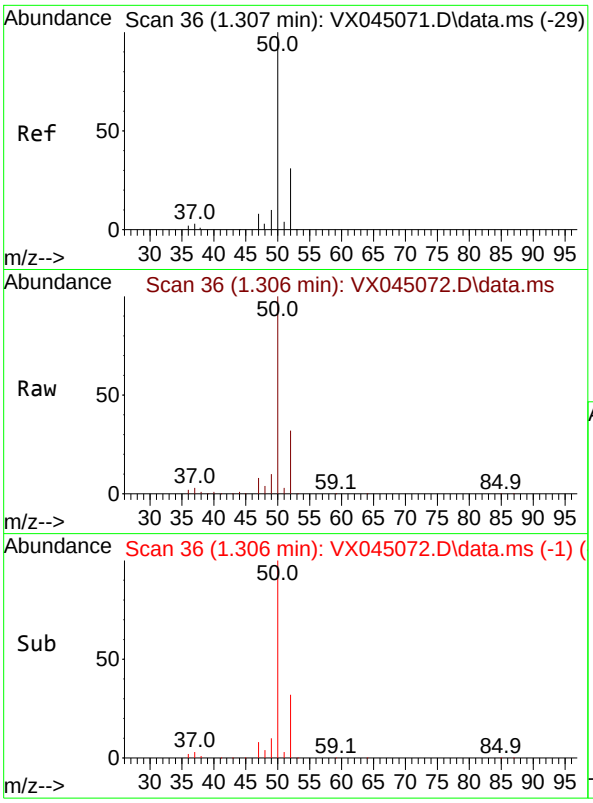


#2
Dichlorodifluoromethane
Concen: 90.869 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 85 Resp: 126718

Ion	Ratio	Lower	Upper
85	100		
87	32.1	17.4	52.3

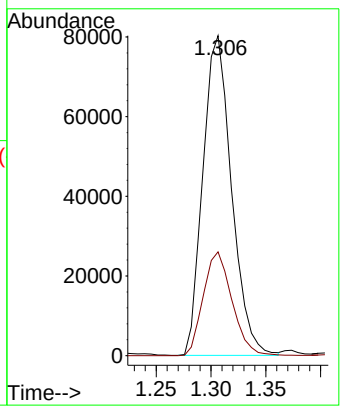




#3
Chloromethane
Concen: 85.936 ug/l
RT: 1.306 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 50 Resp: 14582

Ion	Ratio	Lower	Upper
50	100		
52	32.5	25.0	37.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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Reviewed By :John Carlone 02/28/2025
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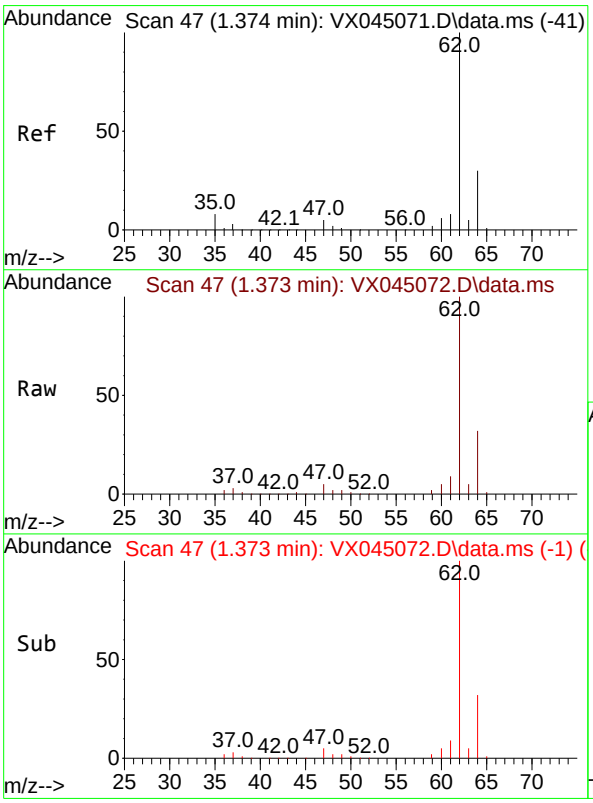
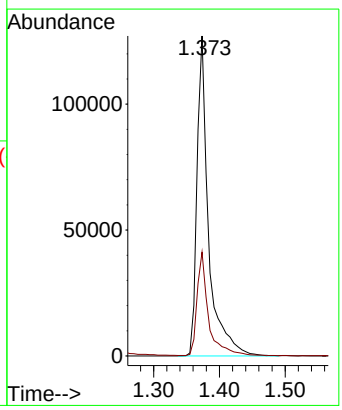
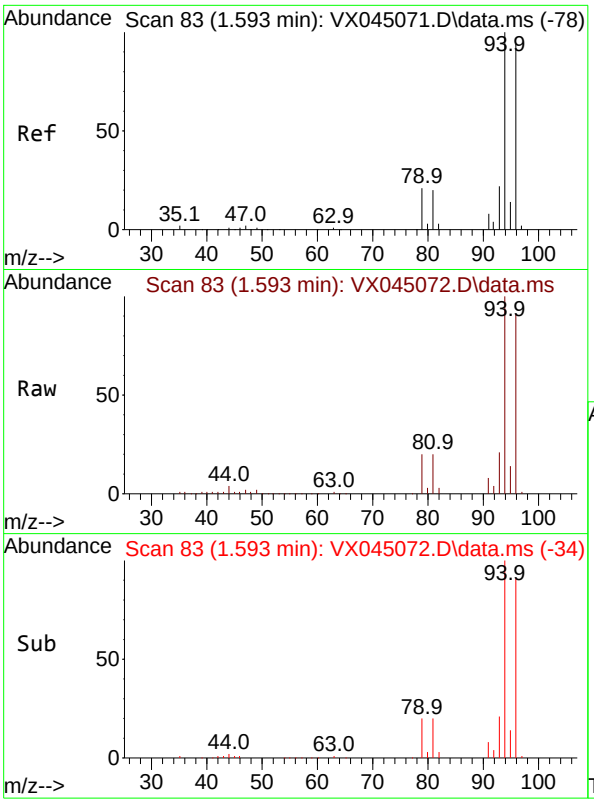


#4
Vinyl Chloride
Concen: 93.360 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 62 Resp: 154734

Ion	Ratio	Lower	Upper
62	100		
64	32.4	24.3	36.5

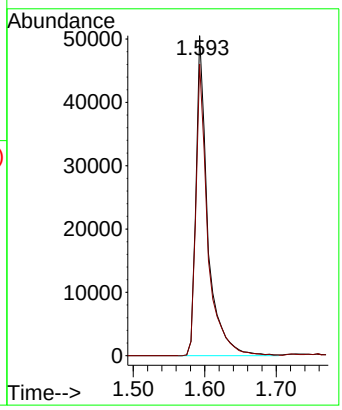




#5
Bromomethane
Concen: 110.980 ug/l
RT: 1.593 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 94 Resp: 5750

Ion	Ratio	Lower	Upper
94	100		
96	91.2	75.0	112.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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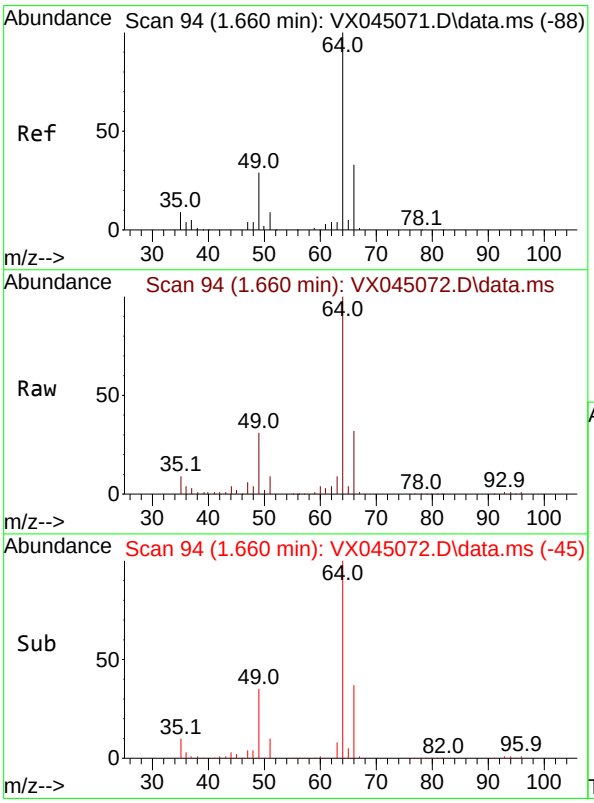
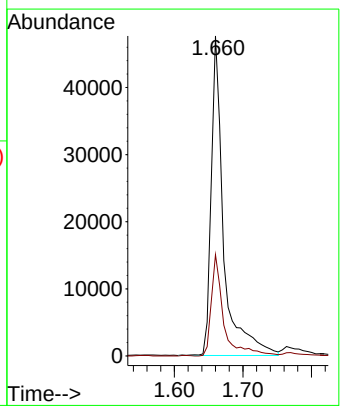
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

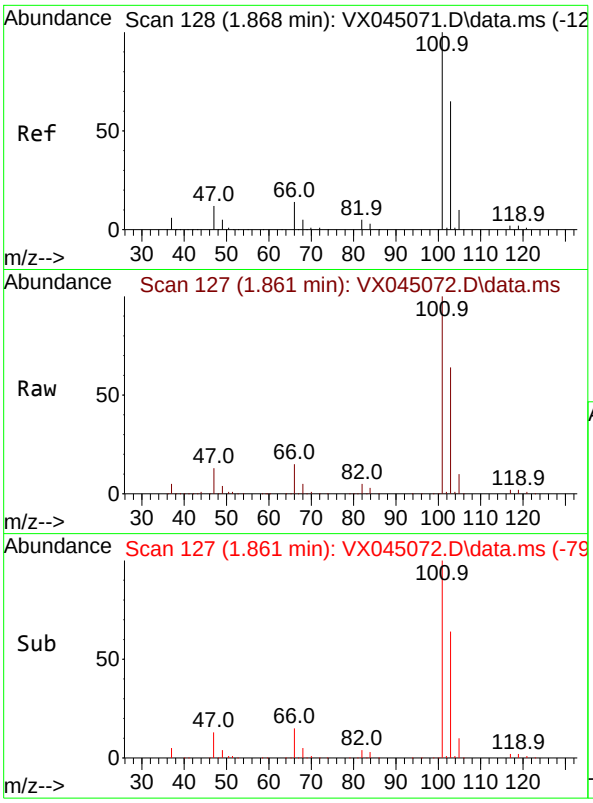


#6
Chloroethane
Concen: 95.351 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 64 Resp: 60155

Ion	Ratio	Lower	Upper
64	100		
66	31.7	26.7	40.1

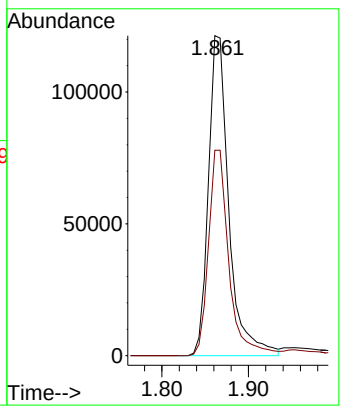




#7
Trichlorofluoromethane
Concen: 93.594 ug/l
RT: 1.861 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion:101 Resp: 19870

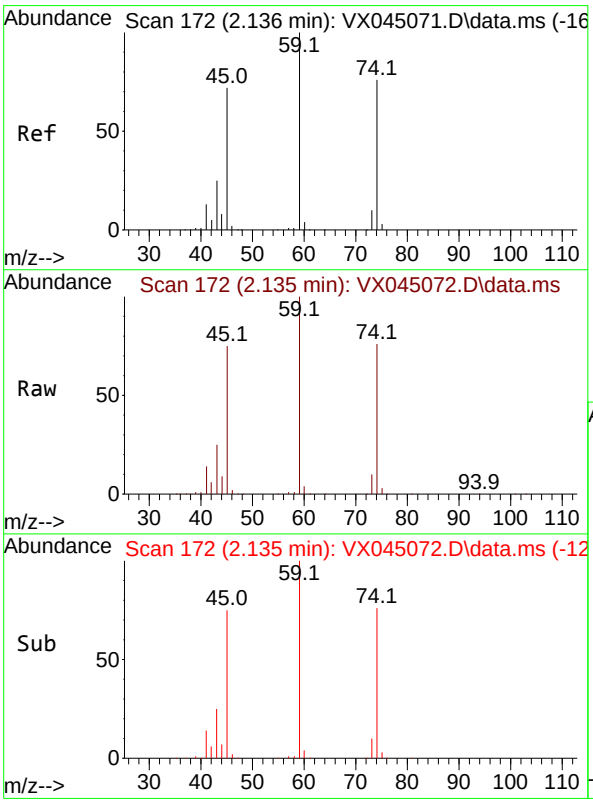
Ion	Ratio	Lower	Upper
101	100		
103	64.2	52.1	78.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

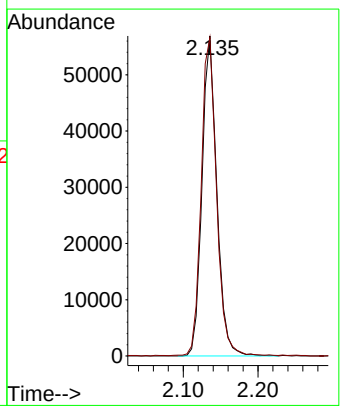
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

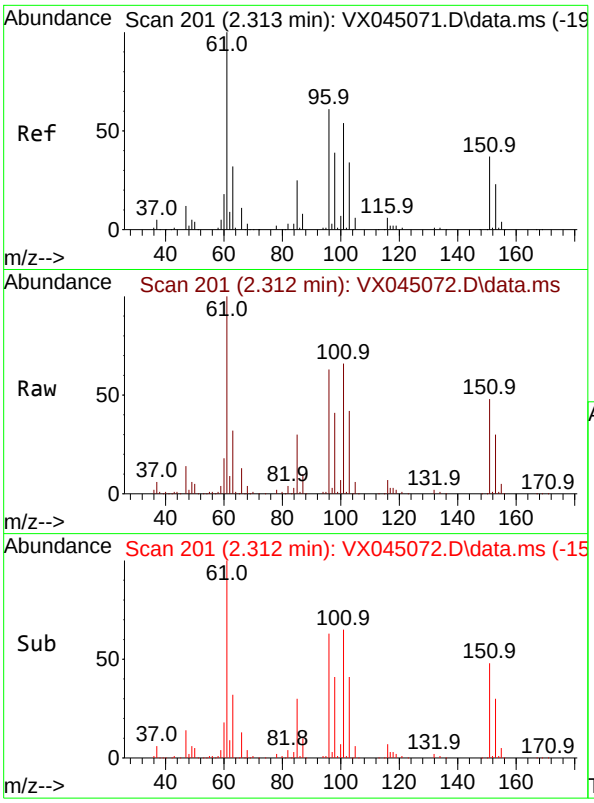


#8
Diethyl Ether
Concen: 101.441 ug/l
RT: 2.135 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 74 Resp: 78263

Ion	Ratio	Lower	Upper
74	100		
45	102.7	51.5	154.5

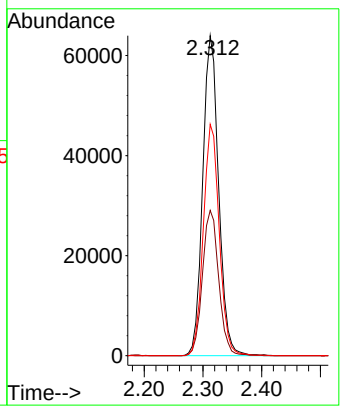




#9
1,1,2-Trichlorotrifluoroethane
Concen: 95.064 ug/l
RT: 2.312 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion:101 Resp: 12051

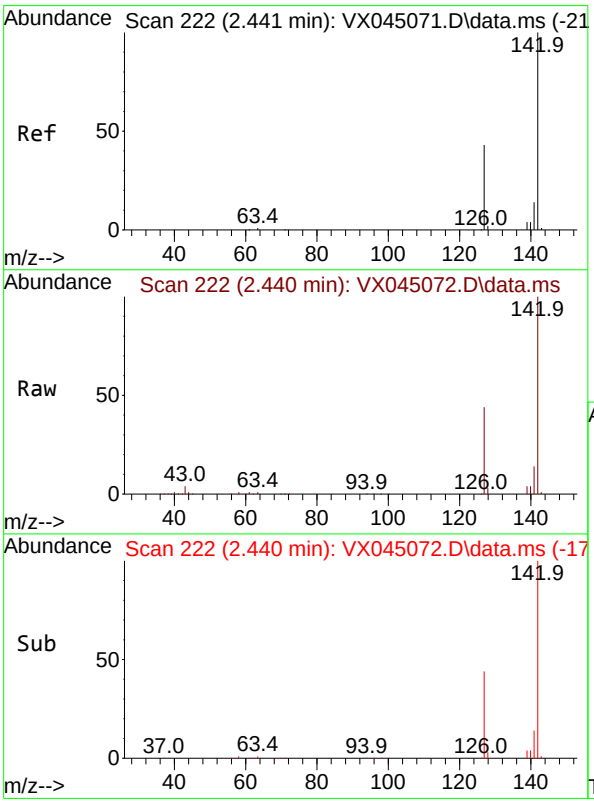
Ion	Ratio	Lower	Upper
101	100		
85	46.5	36.2	54.4
151	72.4	56.4	84.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

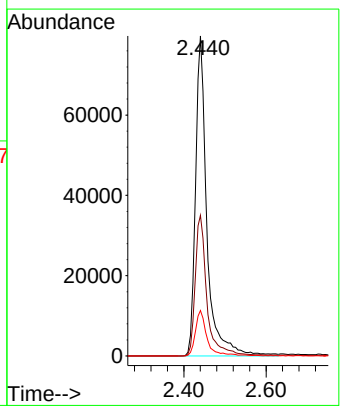
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

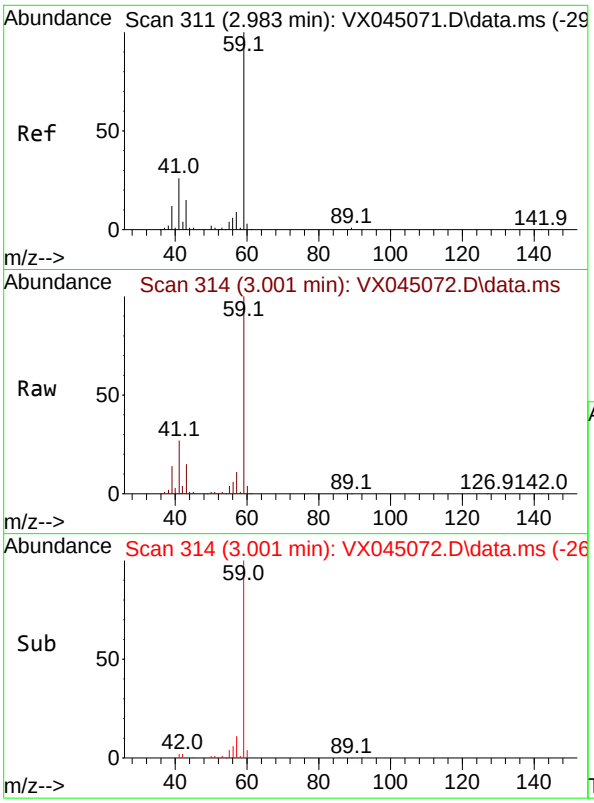


#10
Methyl Iodide
Concen: 94.425 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion:142 Resp: 153466

Ion	Ratio	Lower	Upper
142	100		
127	45.0	35.4	53.2
141	14.4	11.6	17.4

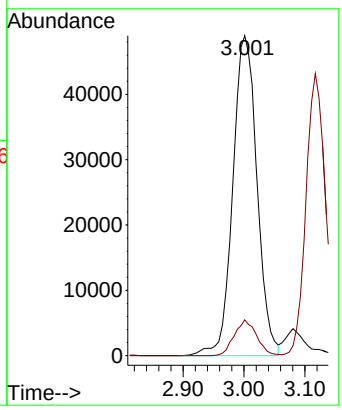




#11
Tert butyl alcohol
Concen: 493.141 ug/l
RT: 3.001 min Scan# 3
Delta R.T. 0.018 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 59 Resp: 13501

Ion	Ratio	Lower	Upper
59	100		
57	10.4	7.8	11.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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Reviewed By :John Carlone 02/28/2025
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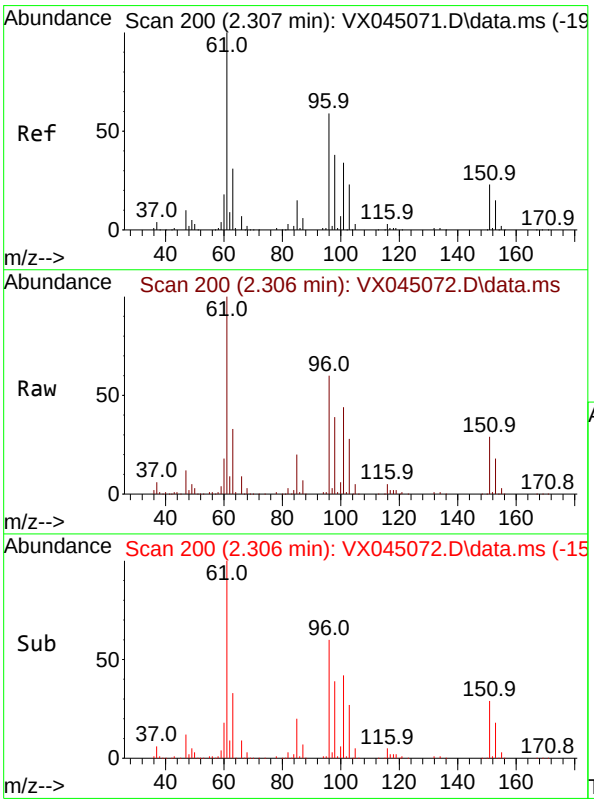
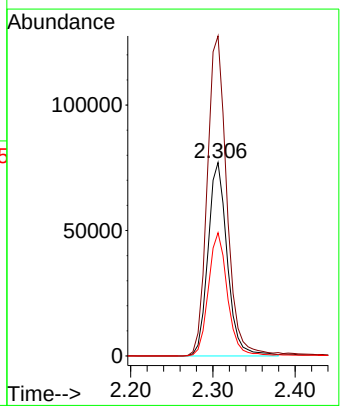
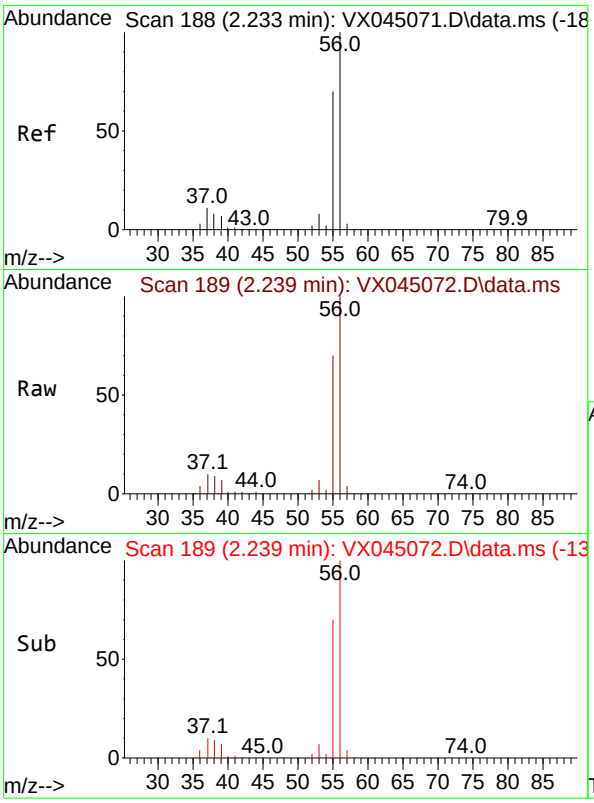


#12
1,1-Dichloroethene
Concen: 96.366 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 96 Resp: 125436

Ion	Ratio	Lower	Upper
96	100		
61	165.4	134.6	202.0
98	63.7	51.0	76.6

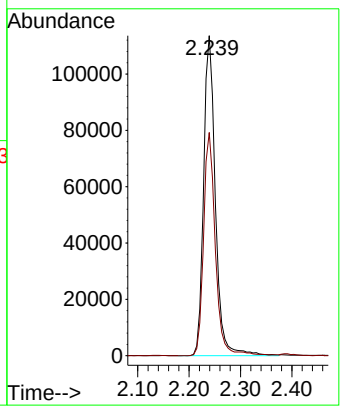




#13
Acrolein
Concen: 608.485 ug/l
RT: 2.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 56 Resp: 18041

Ion	Ratio	Lower	Upper
56	100		
55	69.8	56.2	84.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
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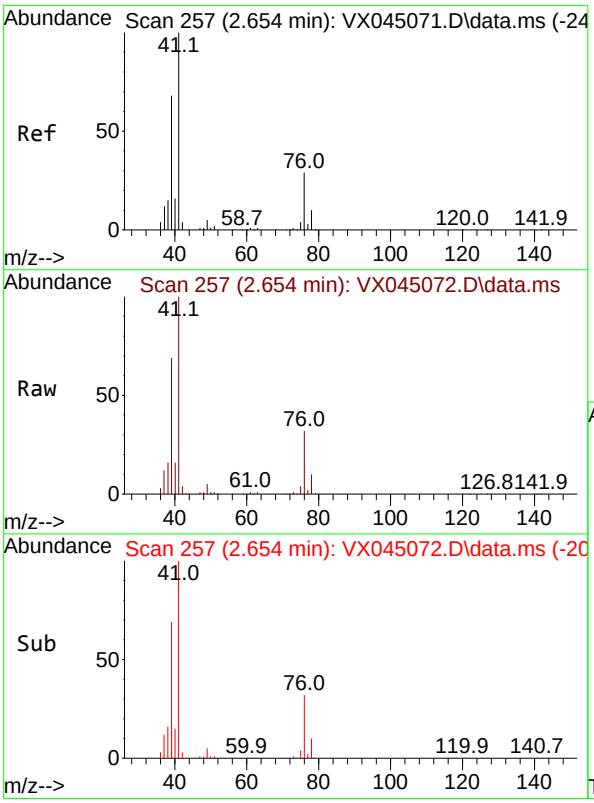
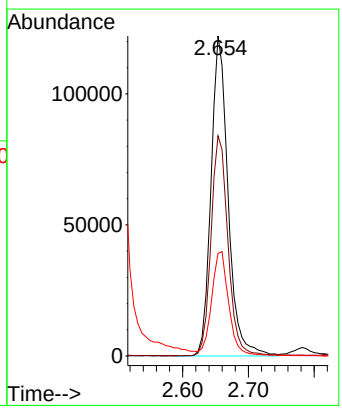
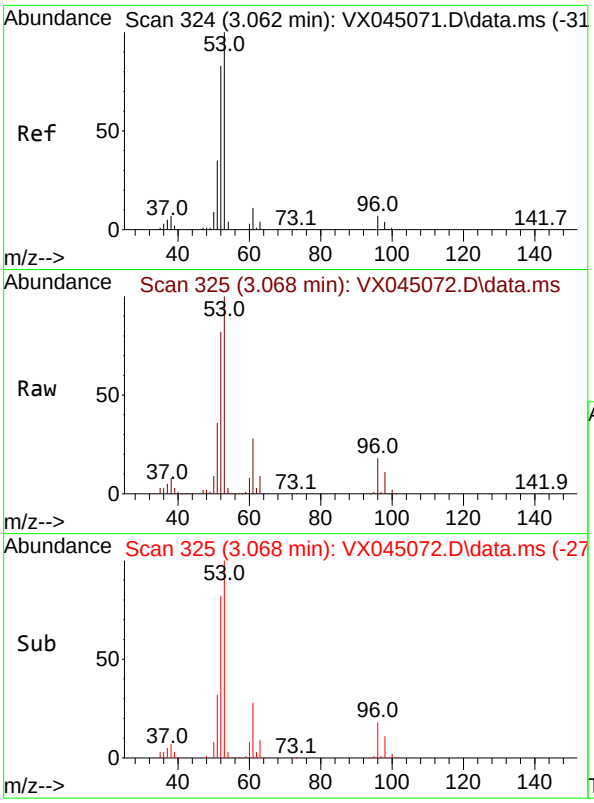


#14
Allyl chloride
Concen: 94.344 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 41 Resp: 220783

Ion	Ratio	Lower	Upper
41	100		
39	68.4	53.8	80.8
76	32.6	25.2	37.8

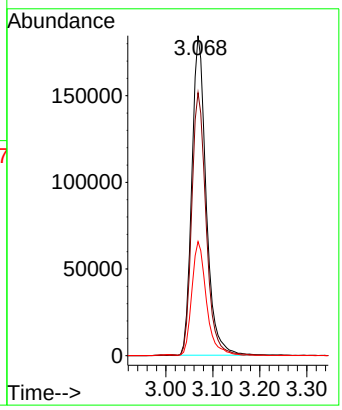




#15
Acrylonitrile
Concen: 526.749 ug/l
RT: 3.068 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 53 Resp: 39194

Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.2	99.2
51	36.6	29.0	43.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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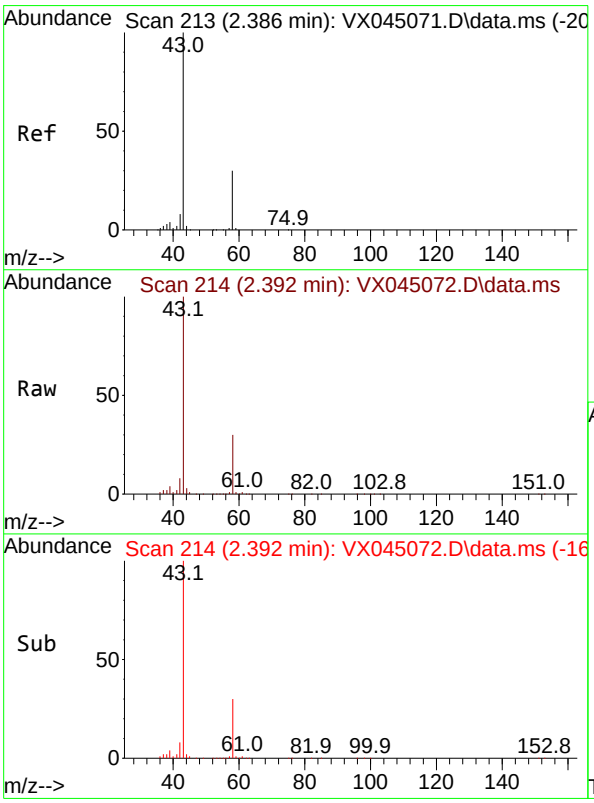
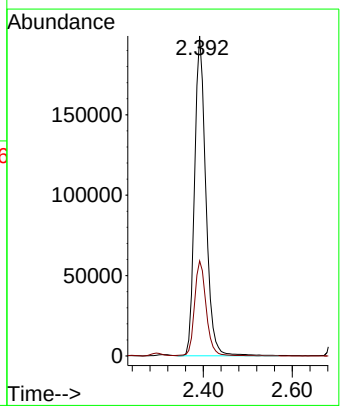
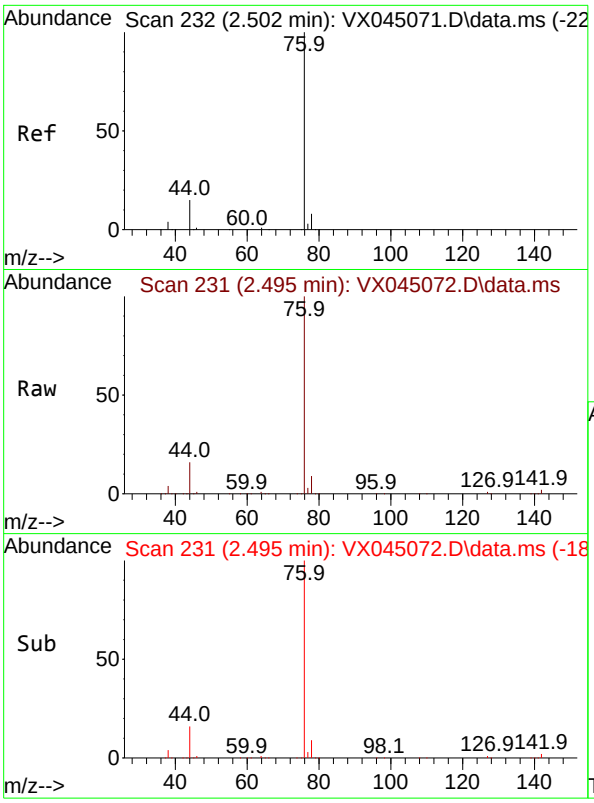


#16
Acetone
Concen: 566.991 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 43 Resp: 348698

Ion	Ratio	Lower	Upper
43	100		
58	29.7	24.2	36.4

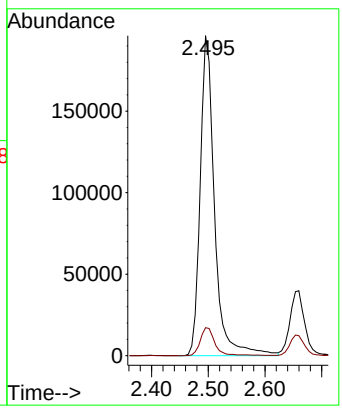




#17
Carbon Disulfide
Concen: 97.574 ug/l
RT: 2.495 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 76 Resp: 34557

Ion	Ratio	Lower	Upper
76	100		
78	8.7	6.6	9.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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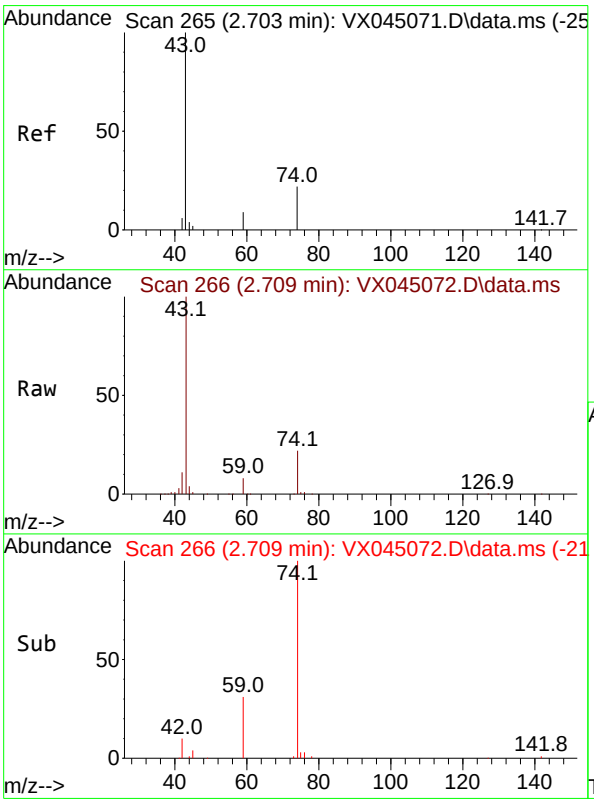
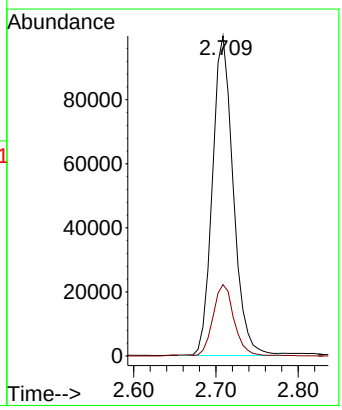
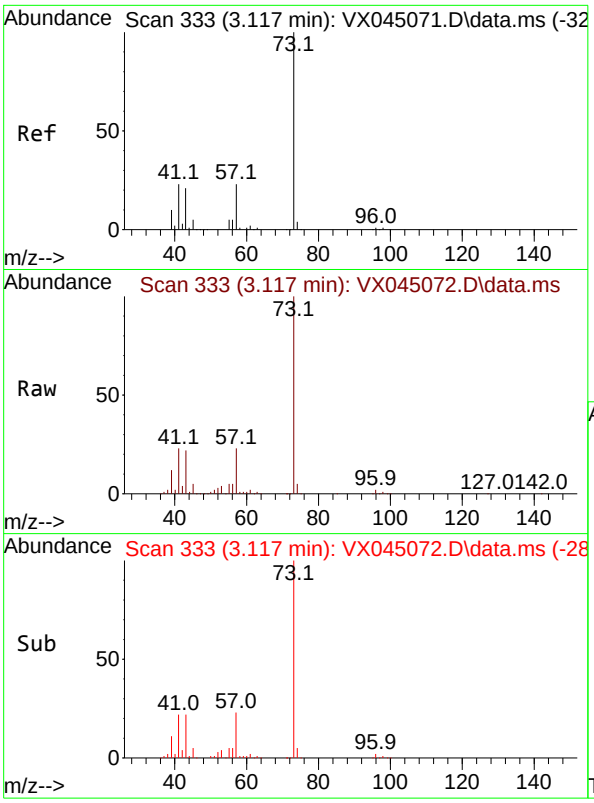


#18
Methyl Acetate
Concen: 94.899 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 43 Resp: 175784

Ion	Ratio	Lower	Upper
43	100		
74	22.7	17.4	26.2

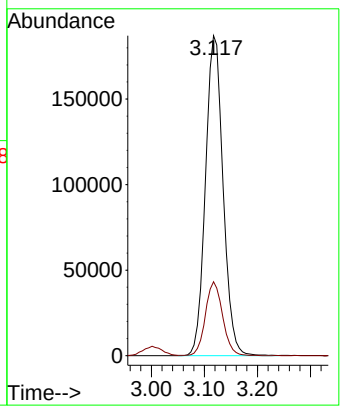




#19
Methyl tert-butyl Ether
Concen: 103.661 ug/l
RT: 3.117 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 73 Resp: 43141

Ion	Ratio	Lower	Upper
73	100		
57	23.0	18.5	27.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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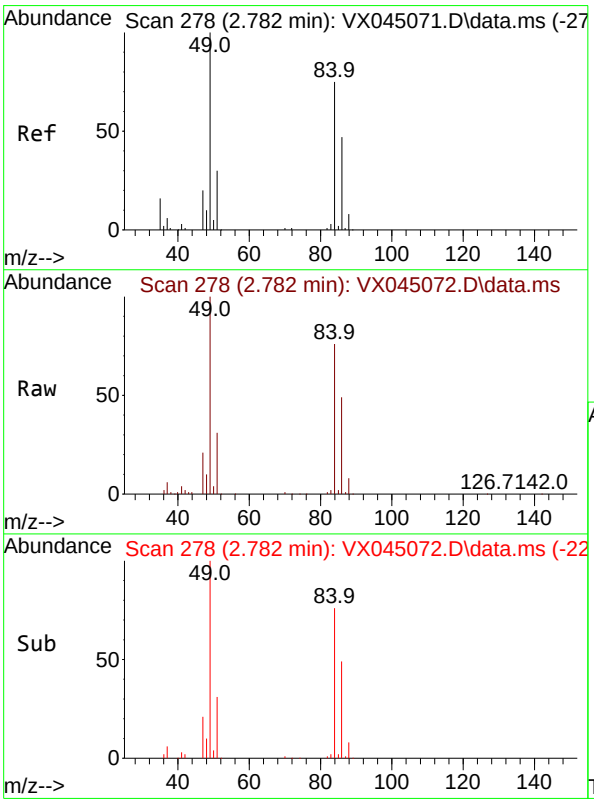
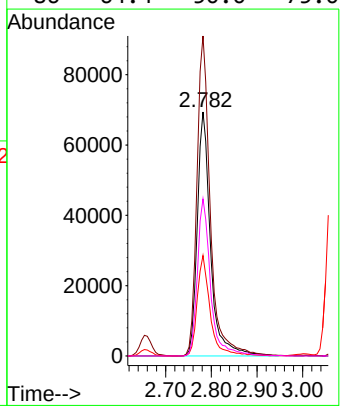
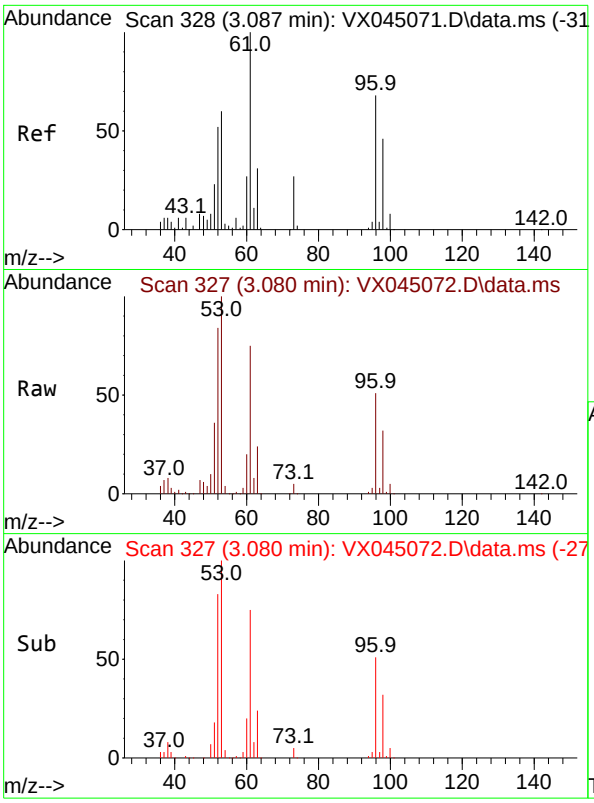


#20
Methylene Chloride
Concen: 96.381 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 84 Resp: 140388

Ion	Ratio	Lower	Upper
84	100		
49	131.2	106.5	159.7
51	41.2	32.1	48.1
86	64.4	50.0	75.0

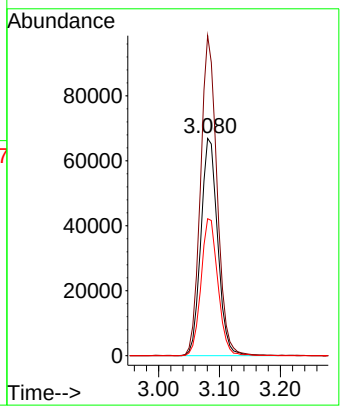




#21
trans-1,2-Dichloroethene
Concen: 100.164 ug/l
RT: 3.080 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 96 Resp: 12823

Ion	Ratio	Lower	Upper
96	100		
61	147.3	117.0	175.4
98	63.0	53.4	80.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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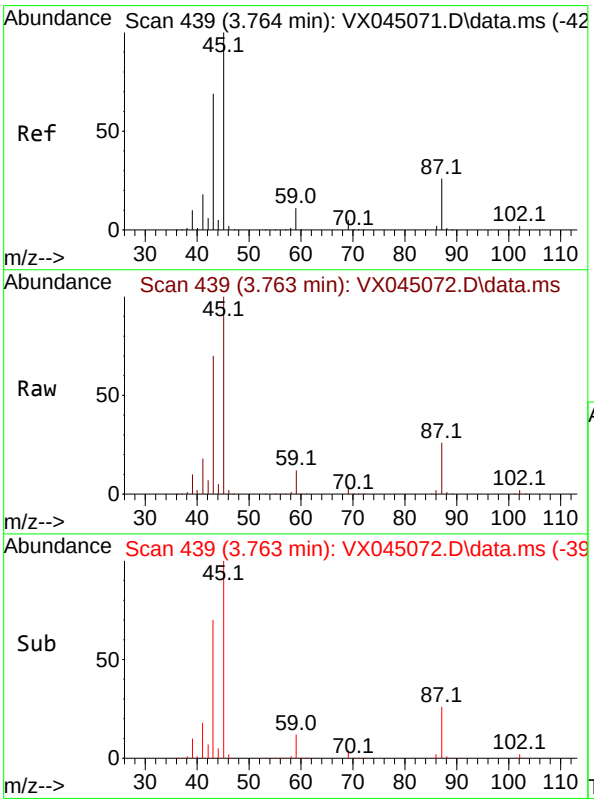
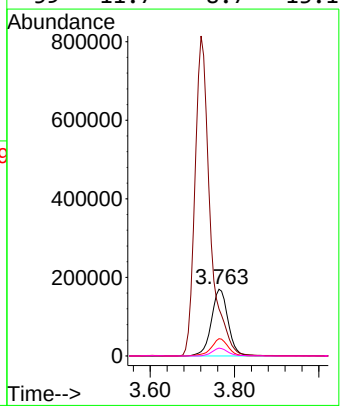
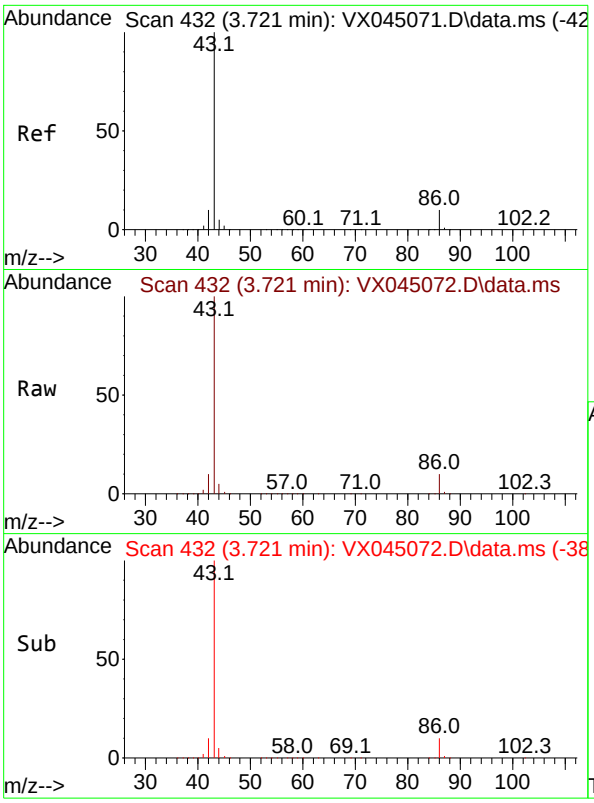


#22
Diisopropyl ether
Concen: 104.489 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 45 Resp: 467534

Ion	Ratio	Lower	Upper
45	100		
43	70.4	54.9	82.3
87	26.0	21.0	31.4
59	11.7	8.7	13.1

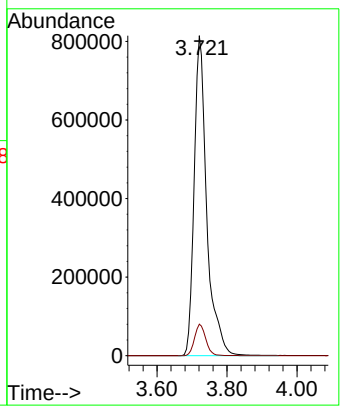




#23
Vinyl Acetate
Concen: 554.219 ug/l
RT: 3.721 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 43 Resp: 203588

Ion	Ratio	Lower	Upper
43	100		
86	9.9	8.1	12.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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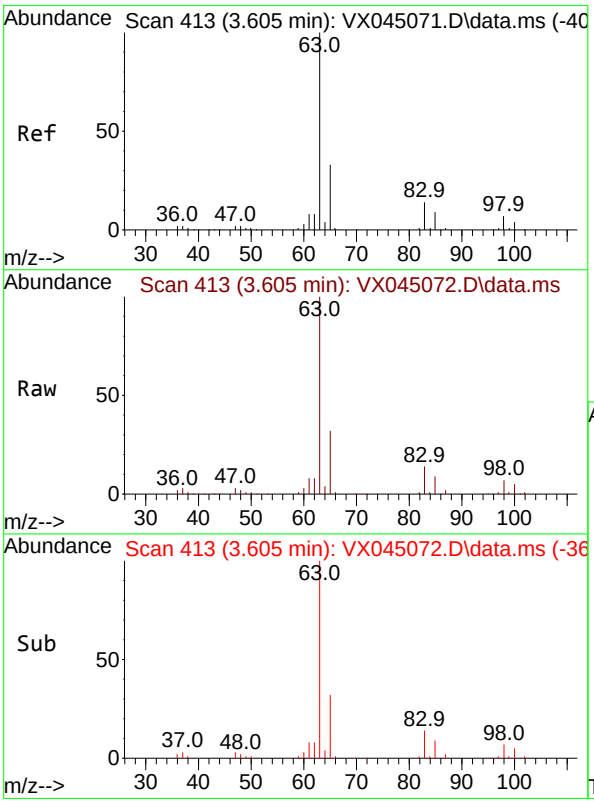
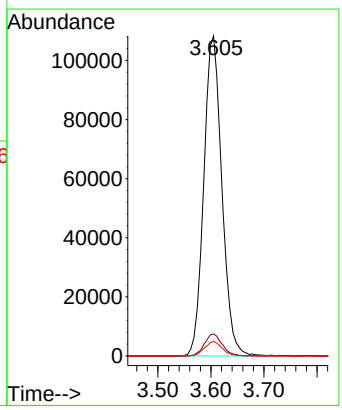
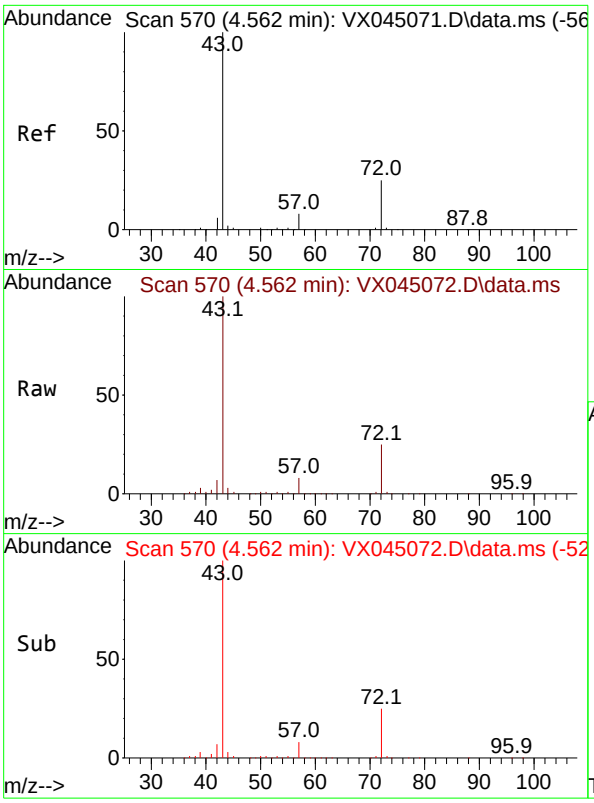


#24
1,1-Dichloroethane
Concen: 102.805 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 63 Resp: 257023

Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.4	10.2
100	4.6	2.1	6.5

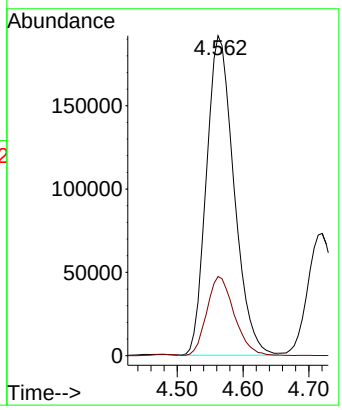




#25
2-Butanone
Concen: 563.952 ug/l
RT: 4.562 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 43 Resp: 55918

Ion	Ratio	Lower	Upper
43	100		
72	24.6	20.0	30.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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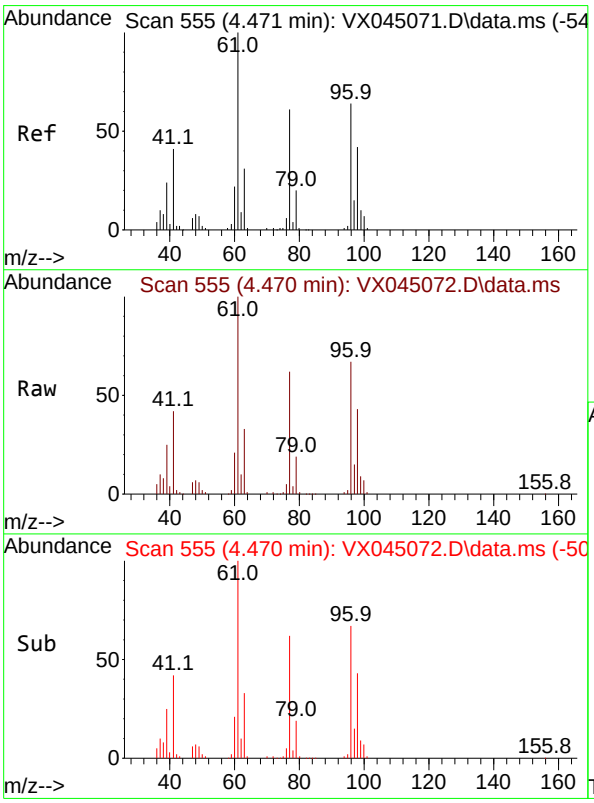
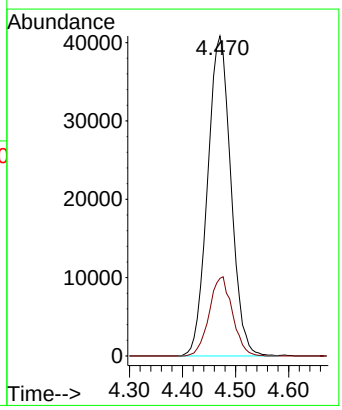
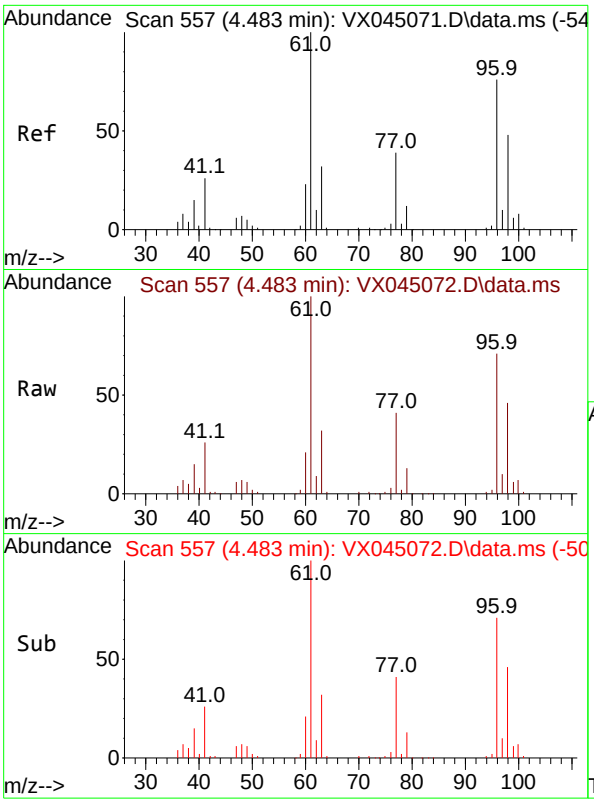


#26
2,2-Dichloropropane
Concen: 67.148 ug/l
RT: 4.470 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 77 Resp: 124805

Ion	Ratio	Lower	Upper
77	100		
97	24.6	12.4	37.0

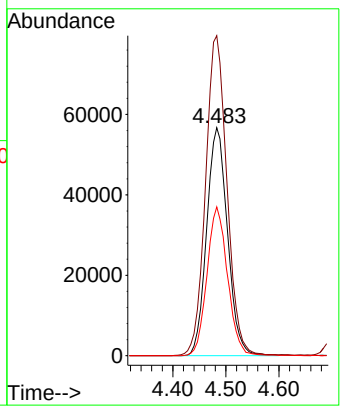




#27
cis-1,2-Dichloroethene
Concen: 100.568 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 96 Resp: 15519

Ion	Ratio	Lower	Upper
96	100		
61	143.8	0.0	283.2
98	64.3	0.0	128.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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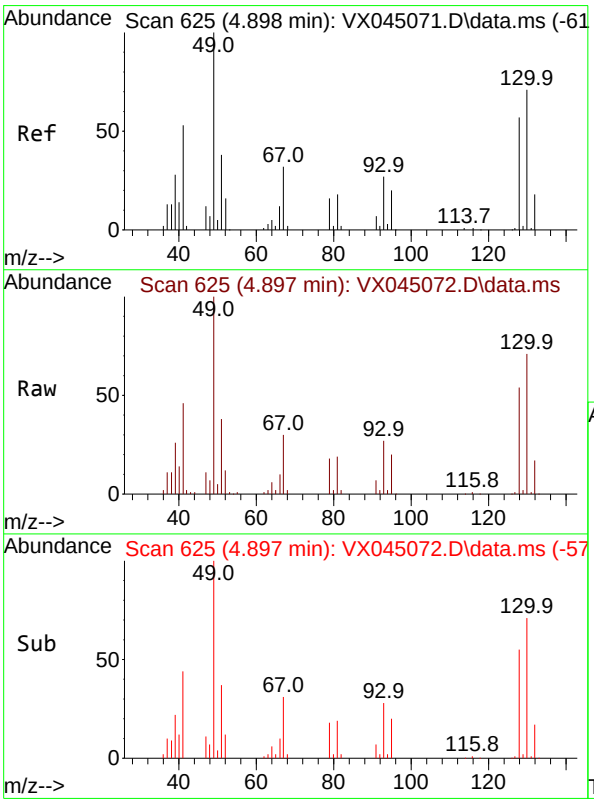
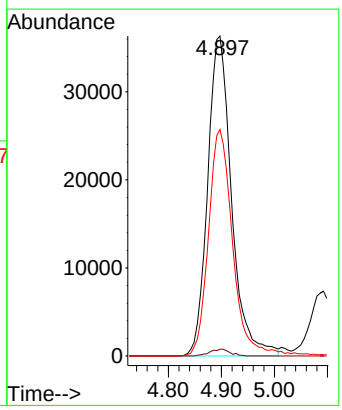
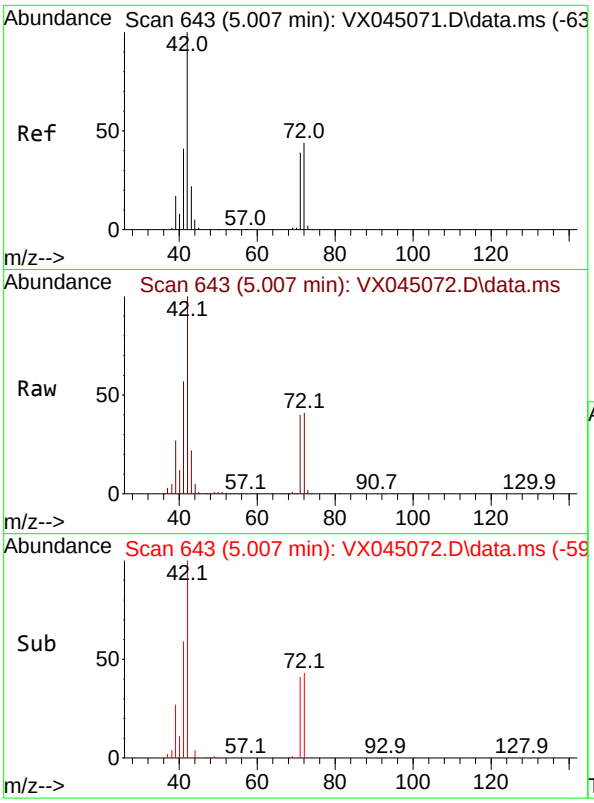


#28
Bromochloromethane
Concen: 94.428 ug/l
RT: 4.897 min Scan# 625
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 49 Resp: 113848

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.4
130	72.2	56.1	84.1

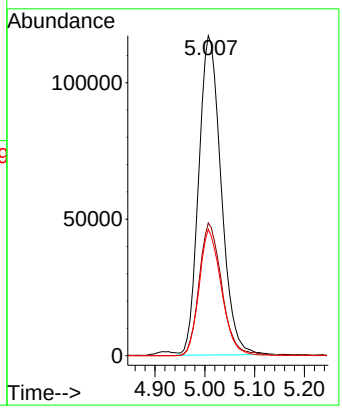




#29
Tetrahydrofuran
Concen: 556.465 ug/l
RT: 5.007 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 42 Resp: 36556

Ion	Ratio	Lower	Upper
42	100		
72	42.1	34.1	51.1
71	39.2	31.4	47.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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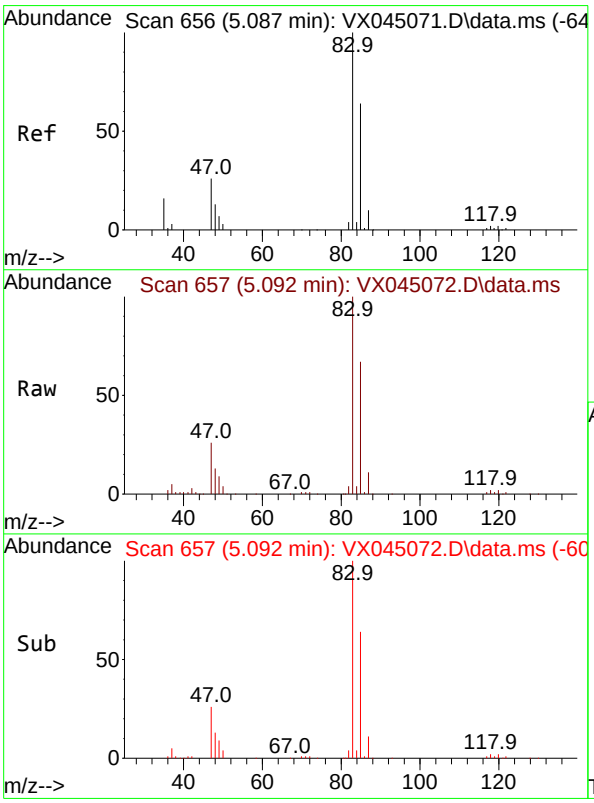
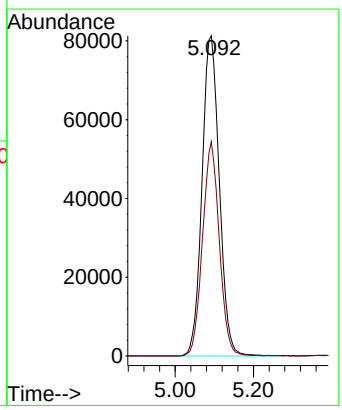
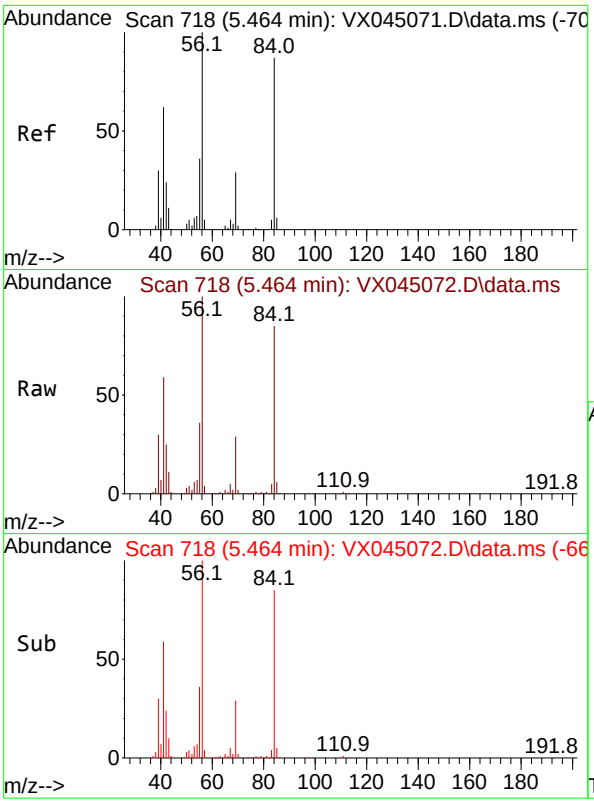


#30
Chloroform
Concen: 101.814 ug/l
RT: 5.092 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 83 Resp: 248978

Ion	Ratio	Lower	Upper
83	100		
85	66.9	51.4	77.2

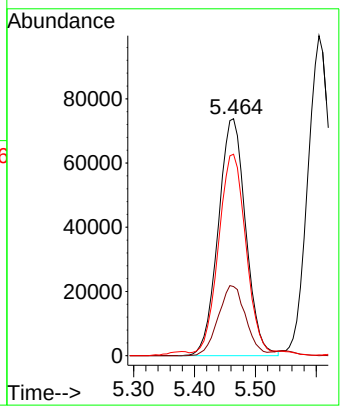




#31
Cyclohexane
Concen: 100.711 ug/l
RT: 5.464 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 56 Resp: 23108

Ion	Ratio	Lower	Upper
56	100		
69	29.1	23.4	35.2
84	83.3	69.4	104.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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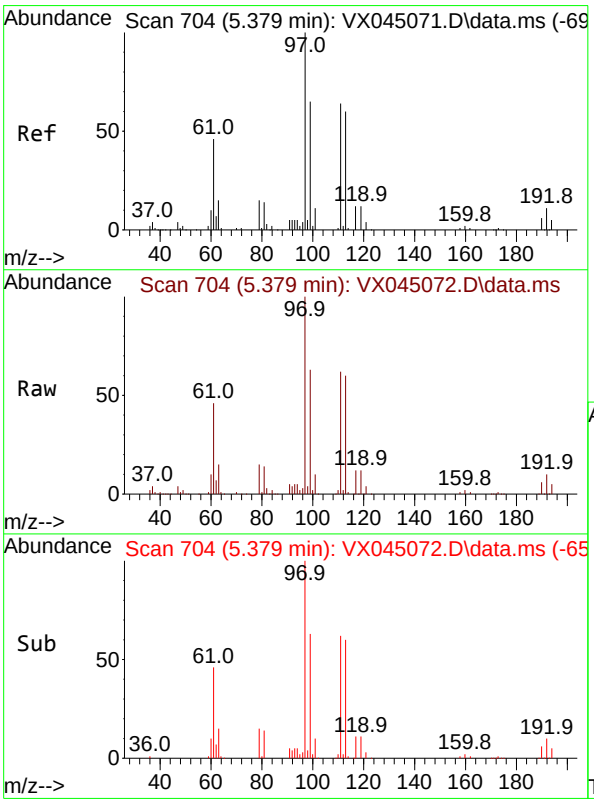
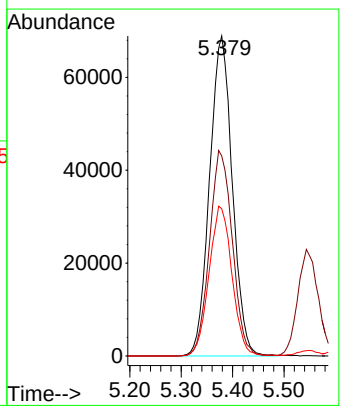
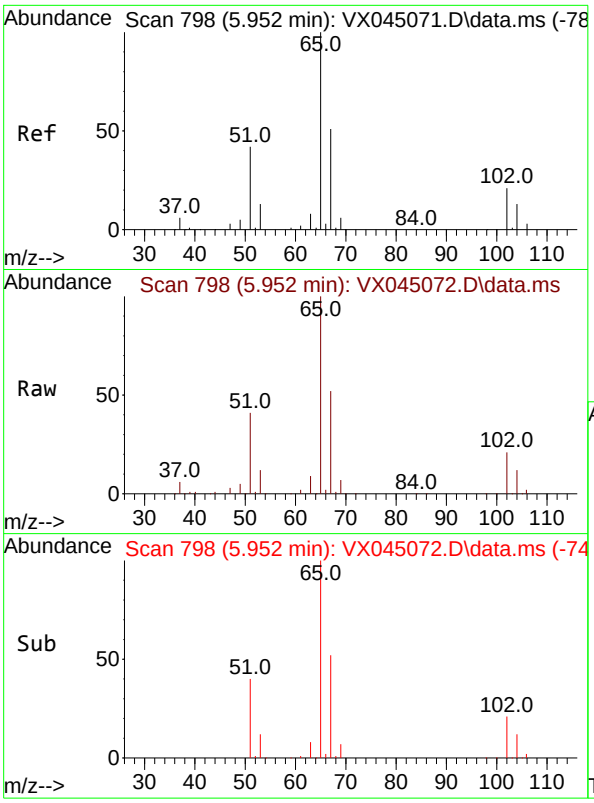


#32
1,1,1-Trichloroethane
Concen: 102.638 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 97 Resp: 211302

Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.6	77.4
61	47.3	38.4	57.6

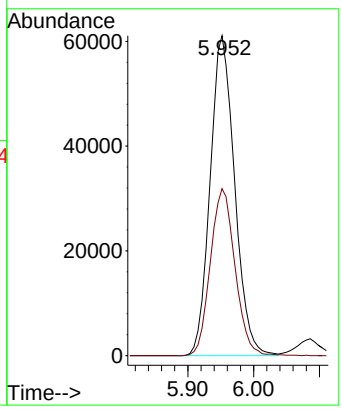




#33
1,2-Dichloroethane-d4
Concen: 106.011 ug/l
RT: 5.952 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 65 Resp: 15845

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	106.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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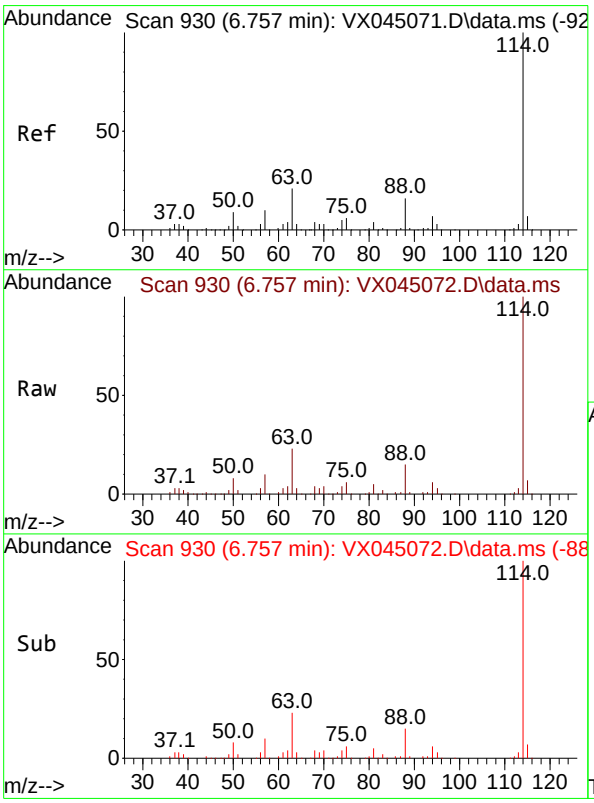
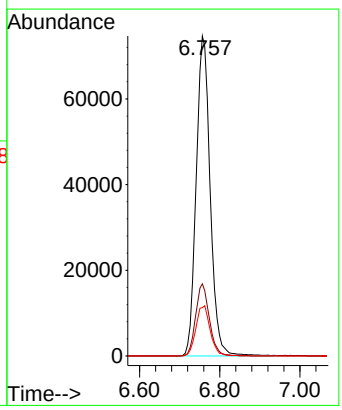
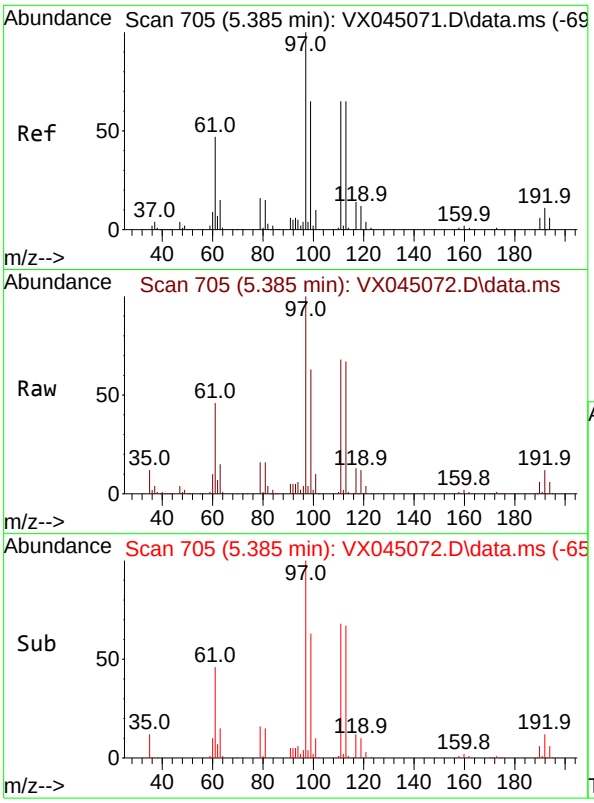


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion:114 Resp: 181031

Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	41.8
88	15.1	0.0	32.8

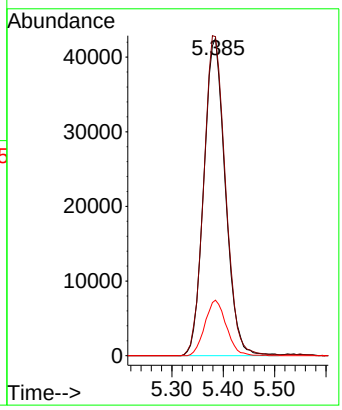




#35
Dibromofluoromethane
Concen: 104.110 ug/l
RT: 5.385 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion:113 Resp: 12318

Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.8	122.6
192	17.5	14.3	21.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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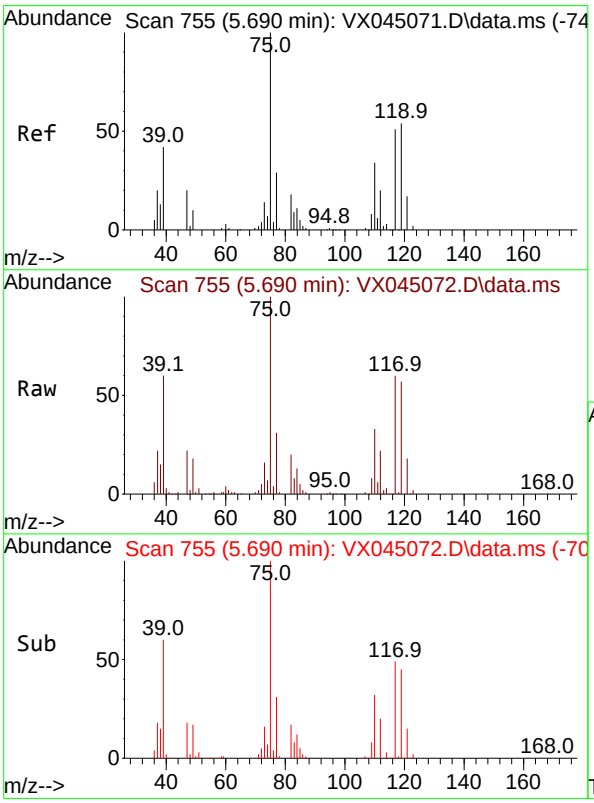
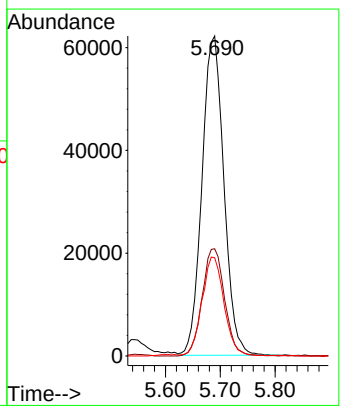
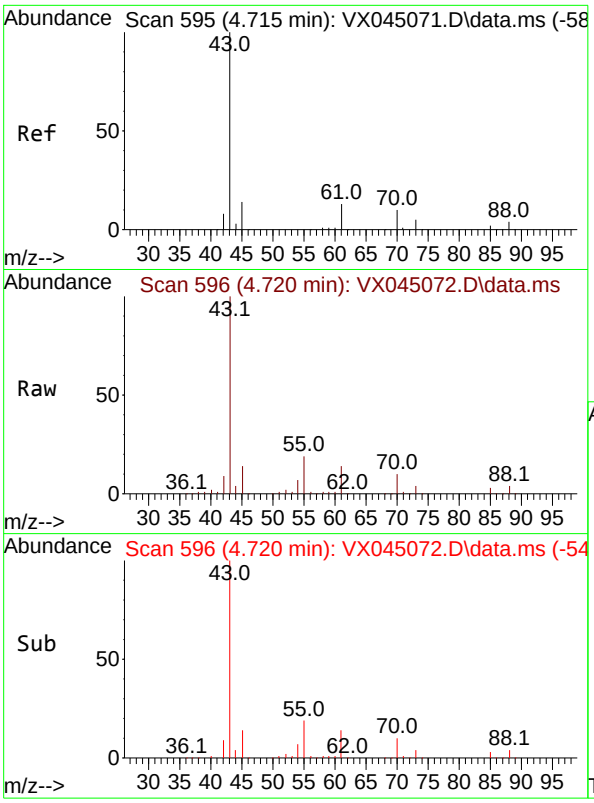


#36
1,1-Dichloropropene
Concen: 101.258 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 75 Resp: 172295

Ion	Ratio	Lower	Upper
75	100		
110	34.4	16.9	50.6
77	31.0	24.5	36.7

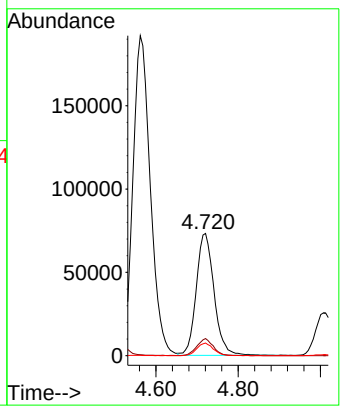




#37
Ethyl Acetate
Concen: 113.796 ug/l
RT: 4.720 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 43 Resp: 22032

Ion	Ratio	Lower	Upper
43	100		
61	12.6	10.8	16.2
70	9.6	7.7	11.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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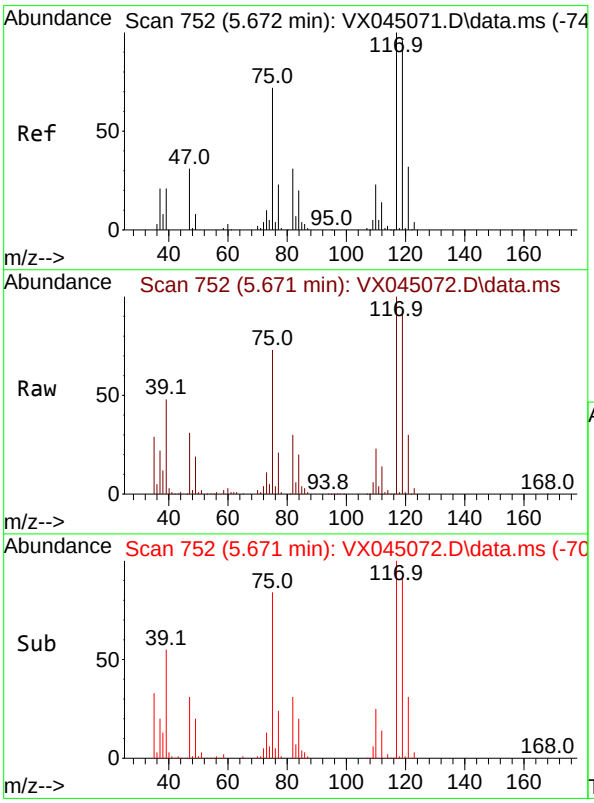
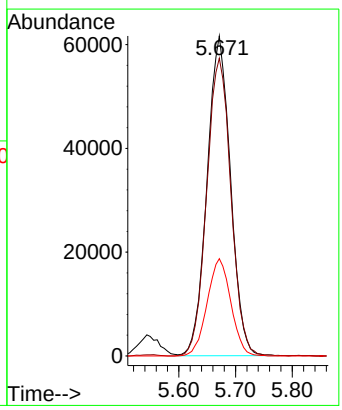
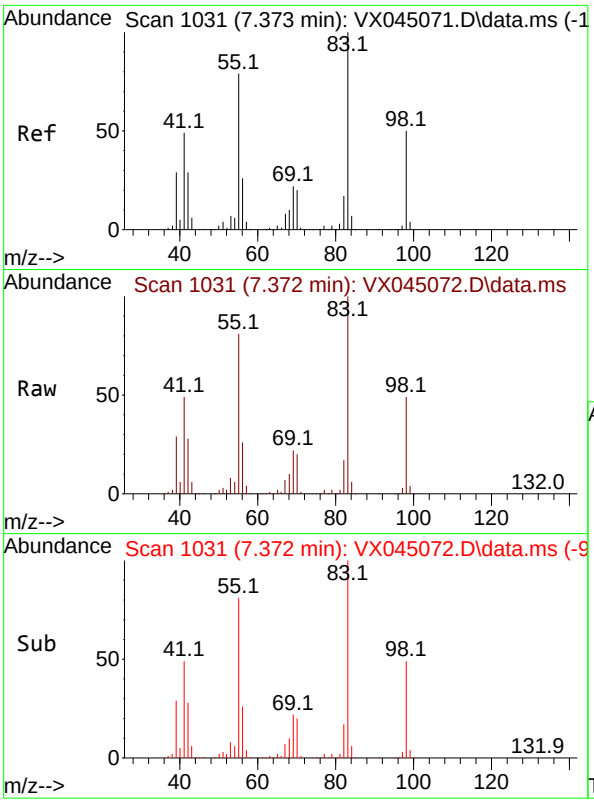


#38
Carbon Tetrachloride
Concen: 105.940 ug/l
RT: 5.671 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion:117 Resp: 177219

Ion	Ratio	Lower	Upper
117	100		
119	93.0	76.7	115.1
121	30.4	25.5	38.3

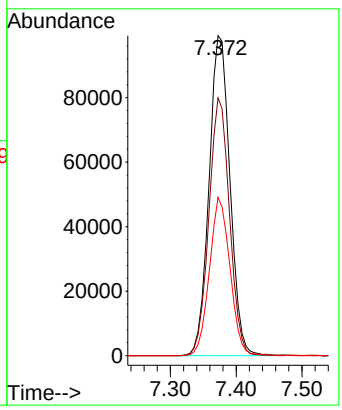




#39
Methylcyclohexane
Concen: 101.175 ug/l
RT: 7.372 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 83 Resp: 21985

Ion	Ratio	Lower	Upper
83	100		
55	80.6	63.0	94.4
98	49.5	39.7	59.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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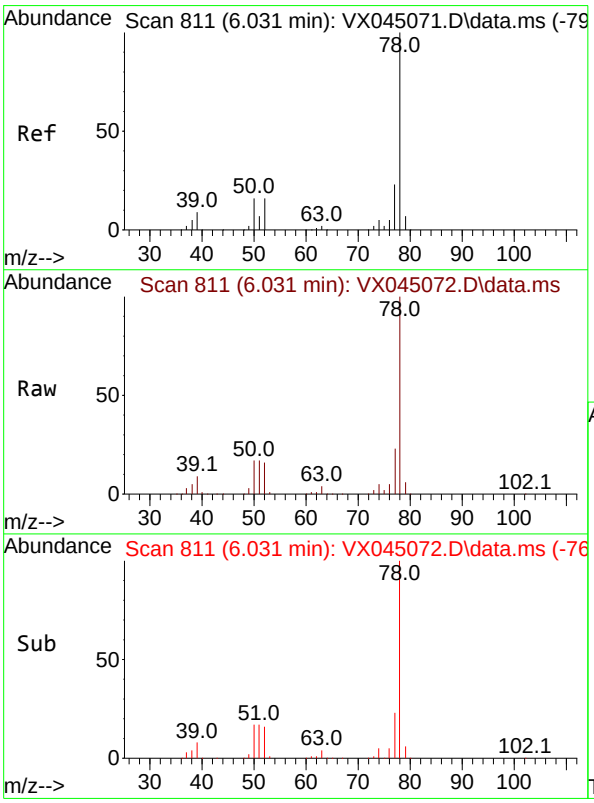
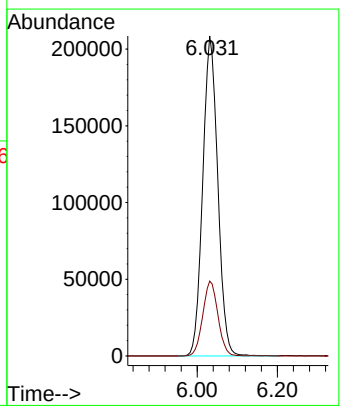
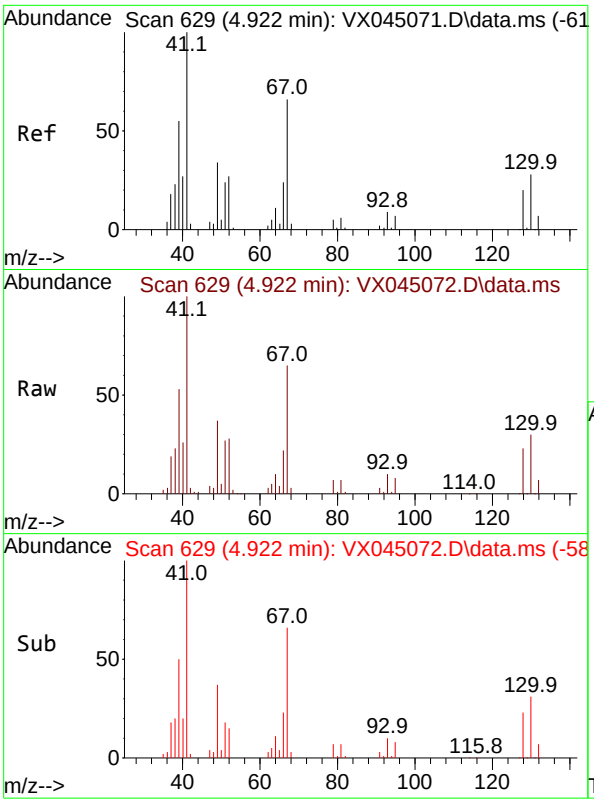


#40
Benzene
Concen: 101.908 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 78 Resp: 541974

Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.8	28.2

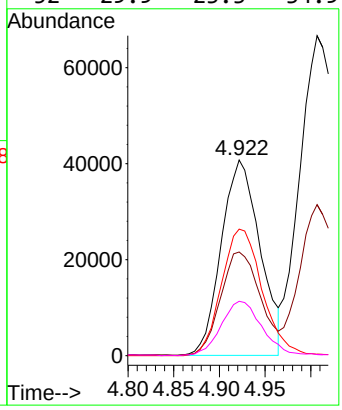




#41
Methacrylonitrile
Concen: 116.205 ug/l
RT: 4.922 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 41 Resp: 12018

Ion	Ratio	Lower	Upper
41	100		
39	54.3	44.6	67.0
67	68.3	53.9	80.9
52	29.9	23.3	34.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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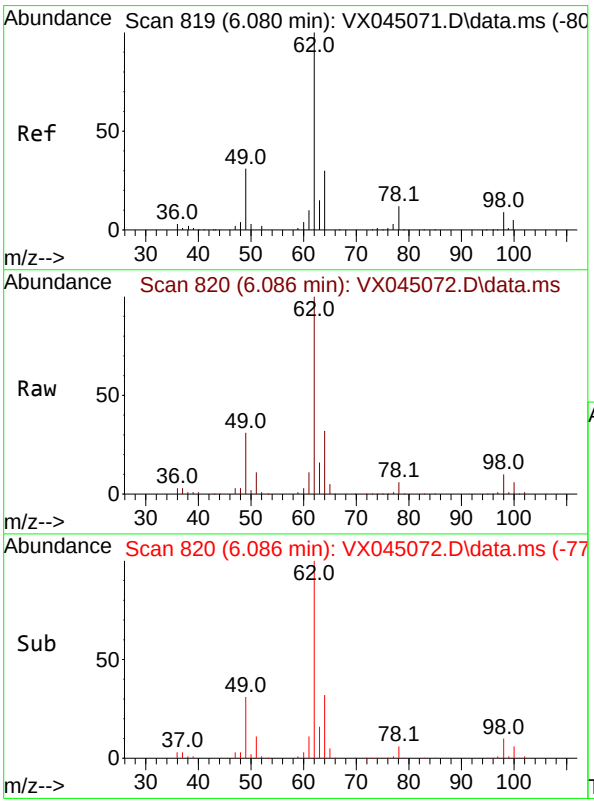
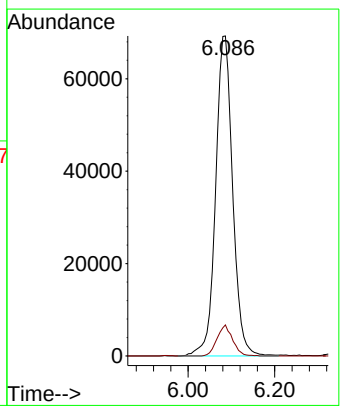
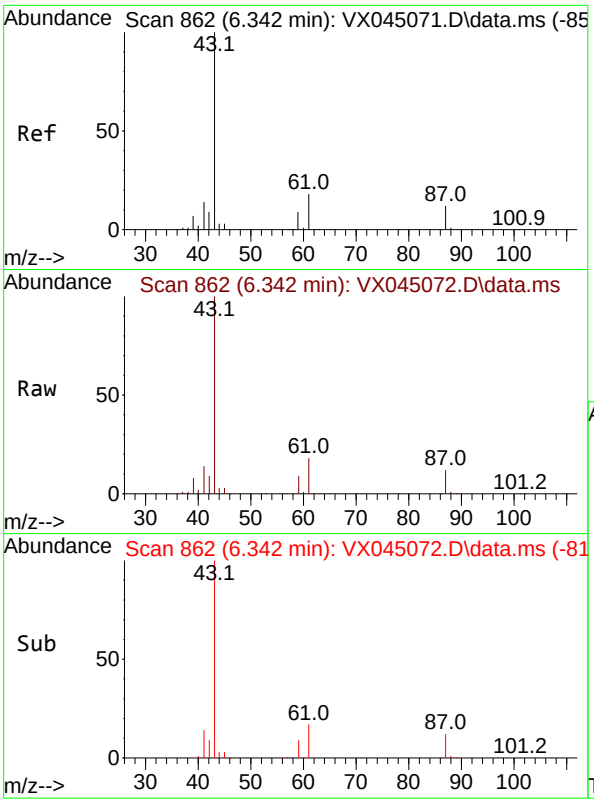


#42
1,2-Dichloroethane
Concen: 110.158 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 62 Resp: 189857

Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	18.2





#43
Isopropyl Acetate
Concen: 109.806 ug/l
RT: 6.342 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 43 Resp: 33841

Ion	Ratio	Lower	Upper
43	100		
61	18.9	14.9	22.3
87	12.3	9.4	14.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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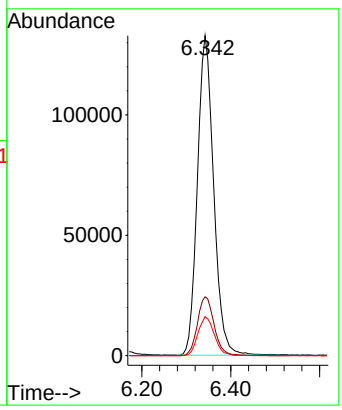
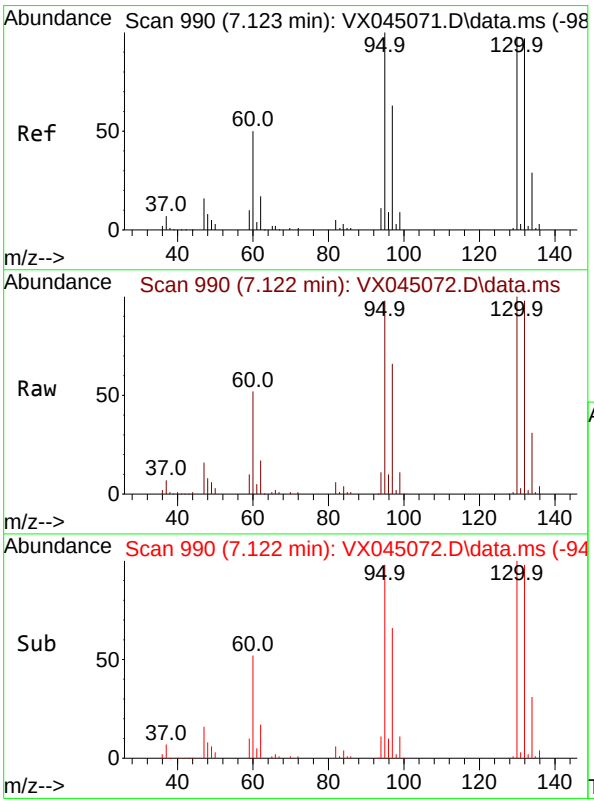
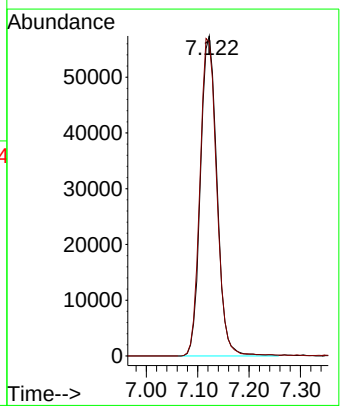


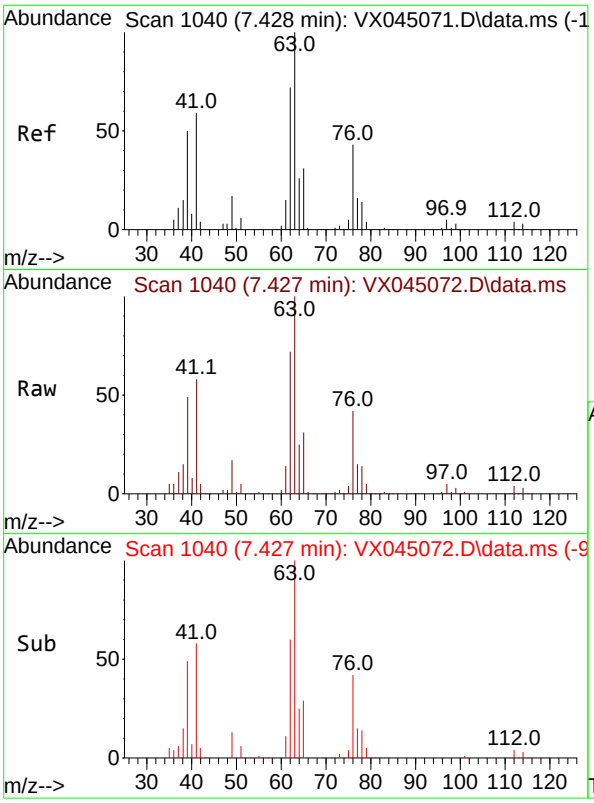


#44
Trichloroethene
Concen: 105.402 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion:130 Resp: 128124

Ion	Ratio	Lower	Upper
130	100		
95	98.1	0.0	205.0

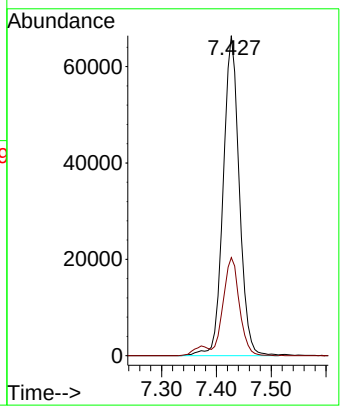




#45
1,2-Dichloropropane
Concen: 102.898 ug/l
RT: 7.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 63 Resp: 13599

Ion	Ratio	Lower	Upper
63	100		
65	30.7	24.7	37.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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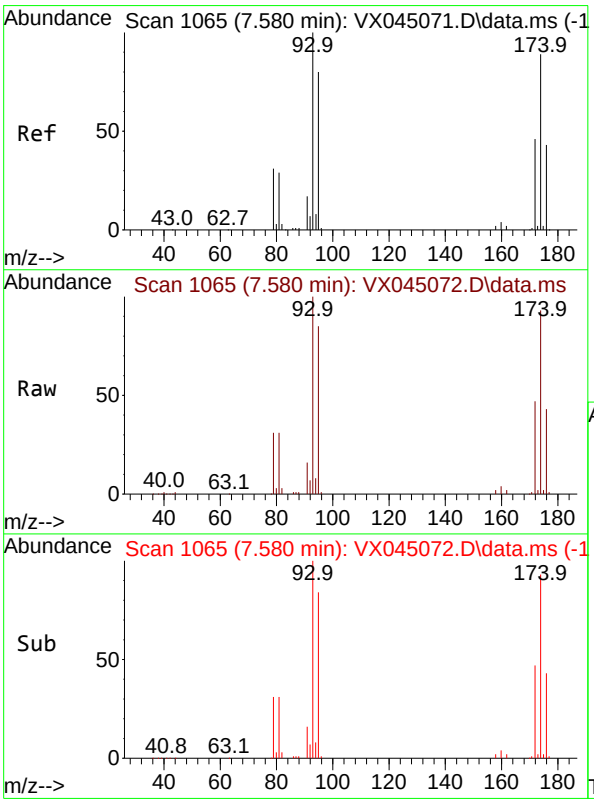
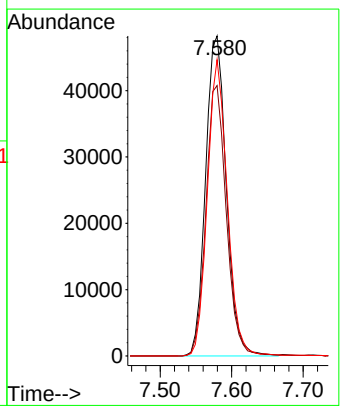
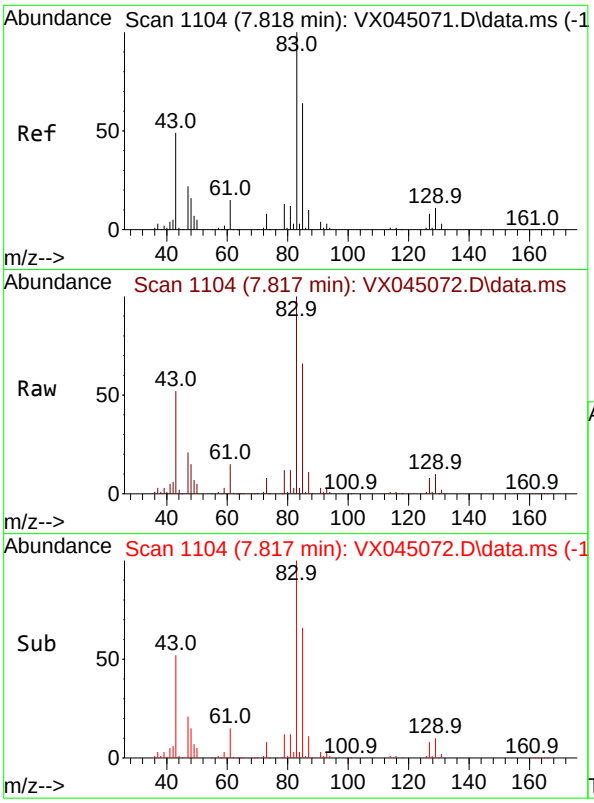


#46
Dibromomethane
Concen: 105.329 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 93 Resp: 97248

Ion	Ratio	Lower	Upper
93	100		
95	83.3	65.8	98.8
174	89.0	72.2	108.2

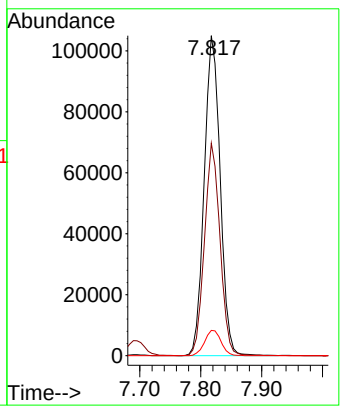




#47
Bromodichloromethane
Concen: 106.947 ug/l
RT: 7.817 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 83 Resp: 19101

Ion	Ratio	Lower	Upper
83	100		
85	66.4	51.1	76.7
127	7.9	6.4	9.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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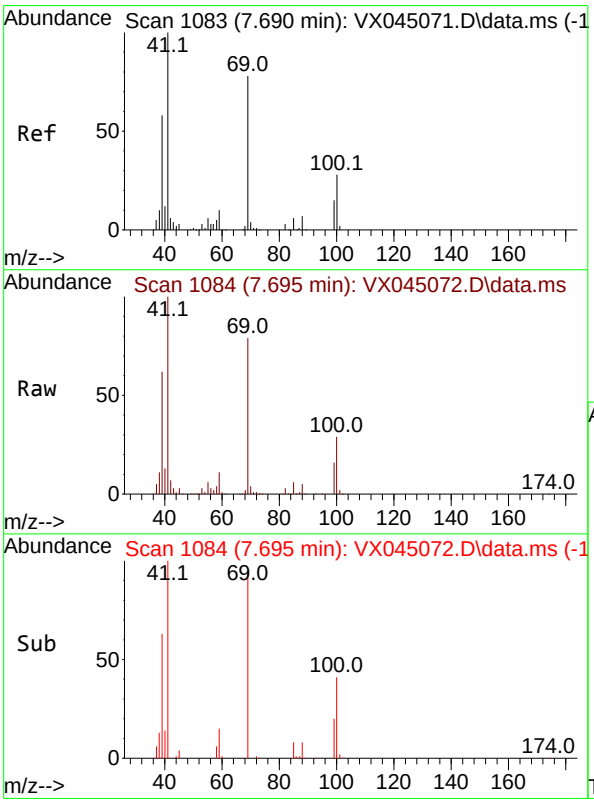
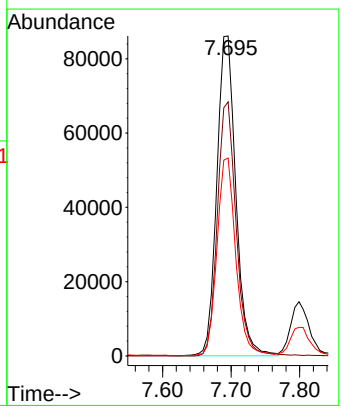
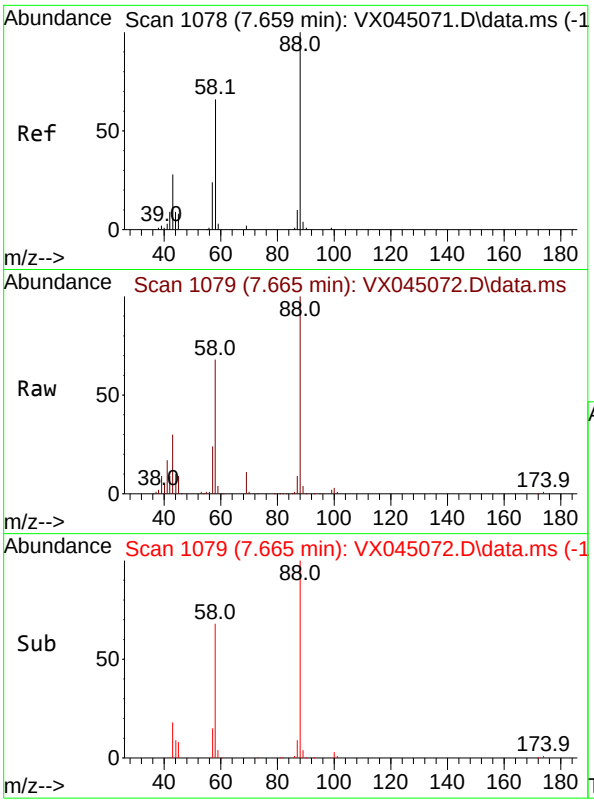


#48
Methyl methacrylate
Concen: 113.344 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 41 Resp: 165825

Ion	Ratio	Lower	Upper
41	100		
69	78.5	63.0	94.6
39	60.9	47.5	71.3

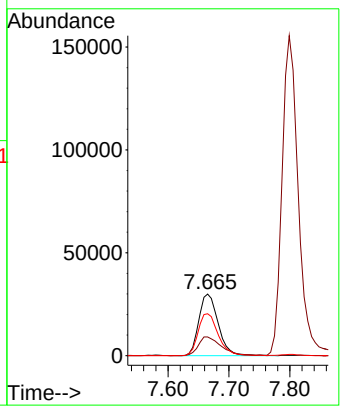




#49
1,4-Dioxane
Concen: 2132.314 ug/l
RT: 7.665 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 88 Resp: 6630

Ion	Ratio	Lower	Upper
88	100		
43	35.6	28.7	43.1
58	70.5	55.8	83.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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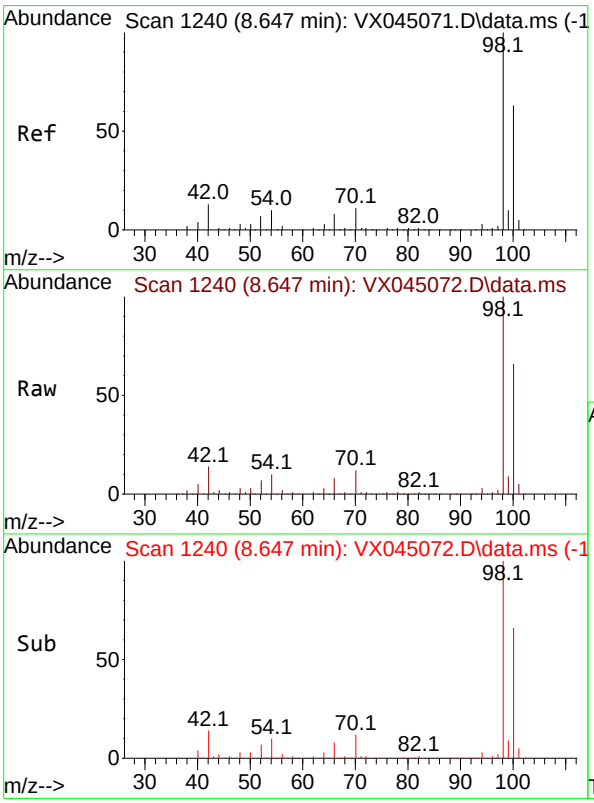
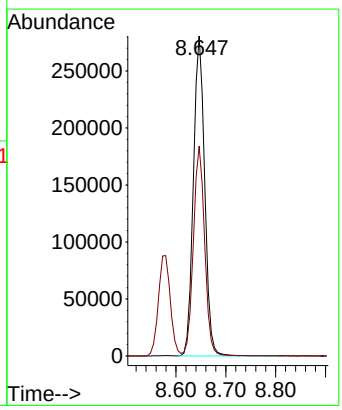
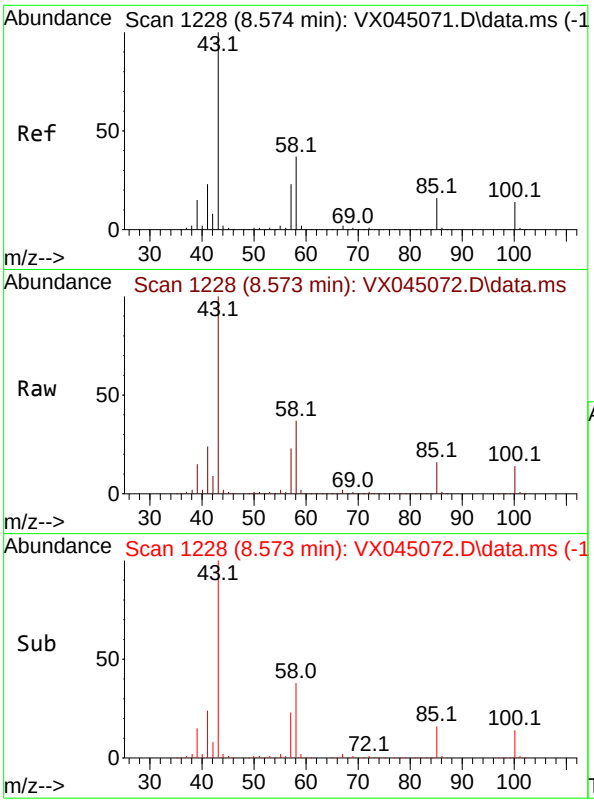


#50
Toluene-d8
Concen: 99.595 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 98 Resp: 441188

Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.0	78.0

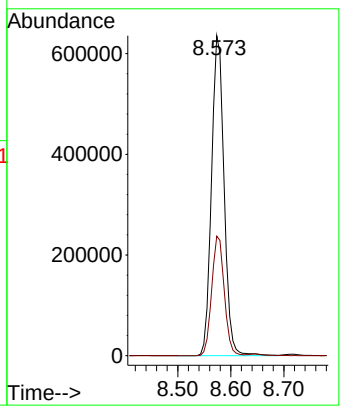




#51
4-Methyl-2-Pentanone
Concen: 555.050 ug/l
RT: 8.573 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 43 Resp: 104814

Ion	Ratio	Lower	Upper
43	100		
58	37.4	29.2	43.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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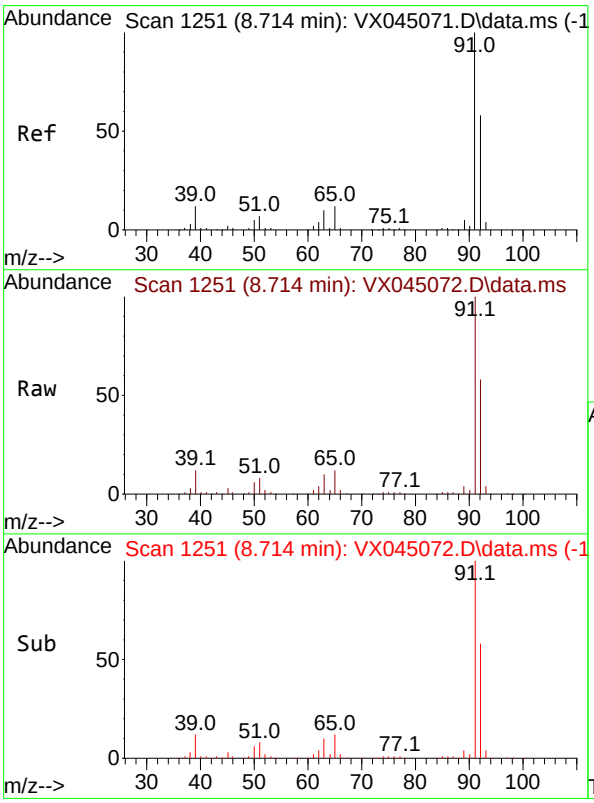
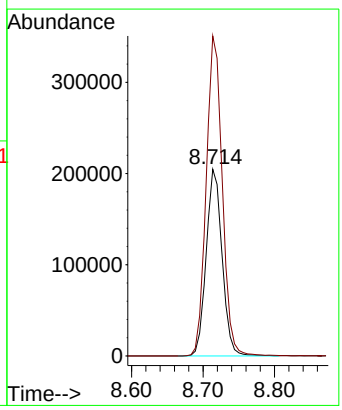
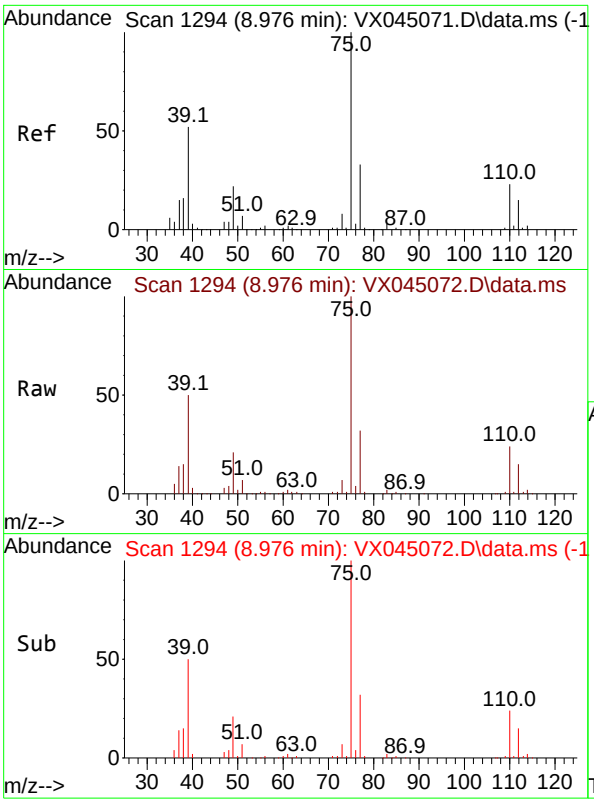


#52
Toluene
Concen: 100.178 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 92 Resp: 316349

Ion	Ratio	Lower	Upper
92	100		
91	173.2	138.9	208.3

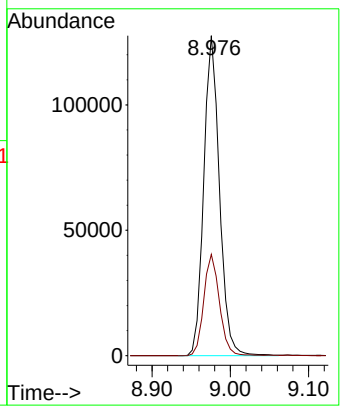




#53
t-1,3-Dichloropropene
Concen: 100.462 ug/l
RT: 8.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 75 Resp: 17735

Ion	Ratio	Lower	Upper
75	100		
77	31.6	26.5	39.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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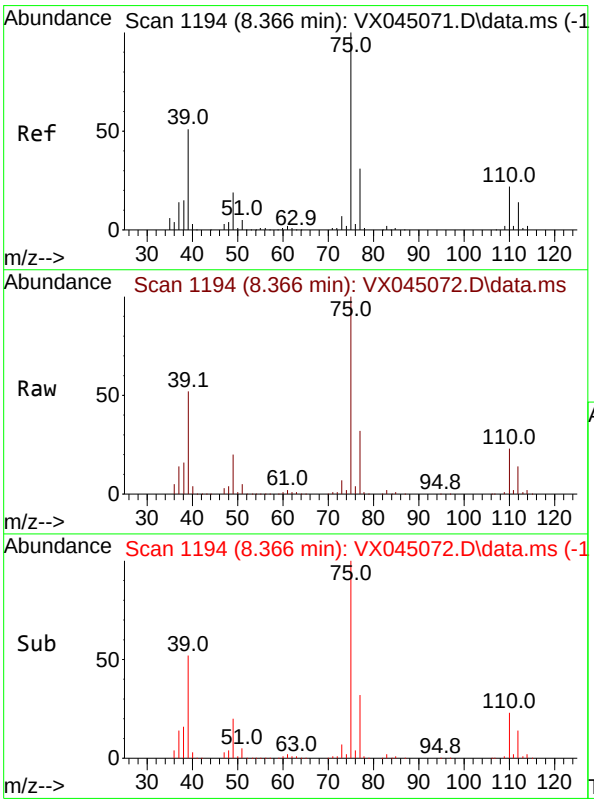
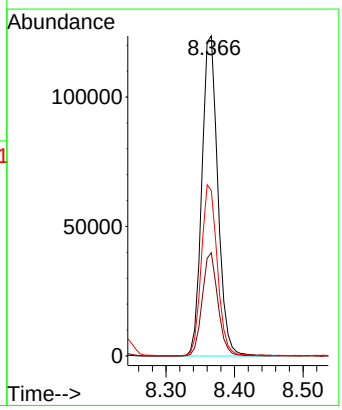
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

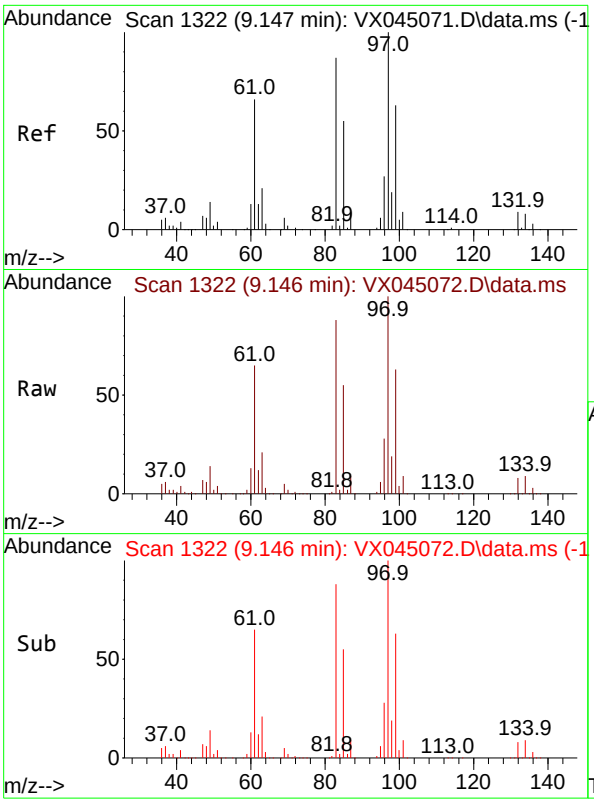


#54
cis-1,3-Dichloropropene
Concen: 101.815 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 75 Resp: 200943

Ion	Ratio	Lower	Upper
75	100		
77	32.2	24.7	37.1
39	51.6	40.7	61.1

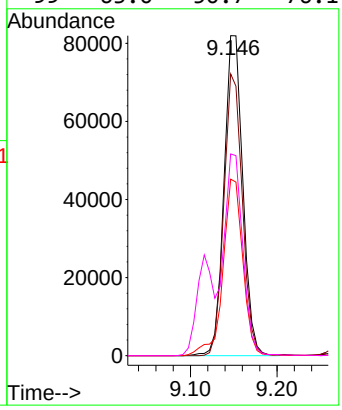




#55
1,1,2-Trichloroethane
Concen: 100.920 ug/l
RT: 9.146 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 97 Resp: 12342

Ion	Ratio	Lower	Upper
97	100		
83	88.0	69.4	104.2
85	55.1	44.1	66.1
99	63.0	50.7	76.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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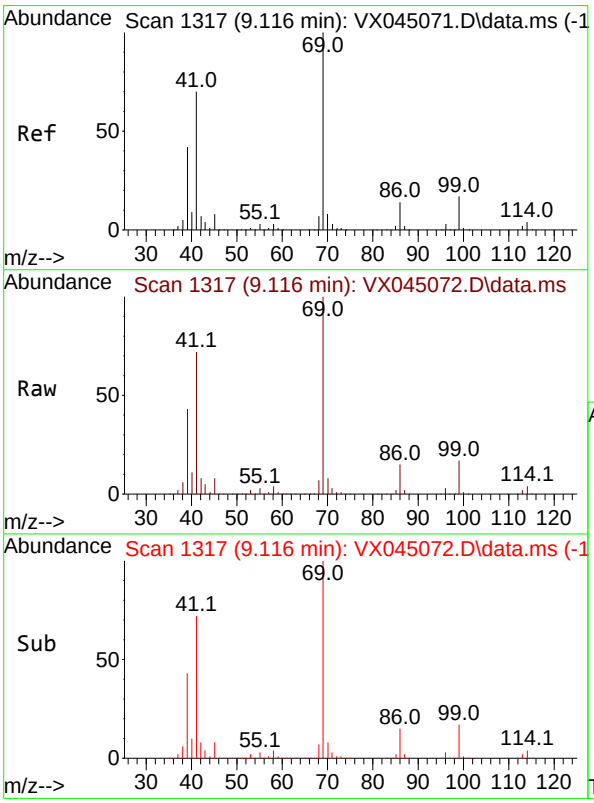
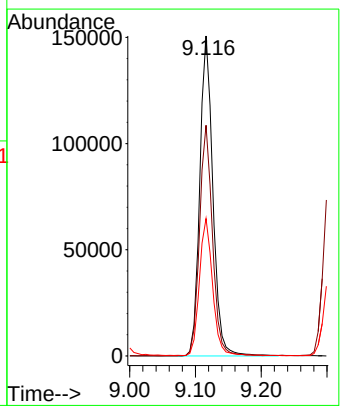
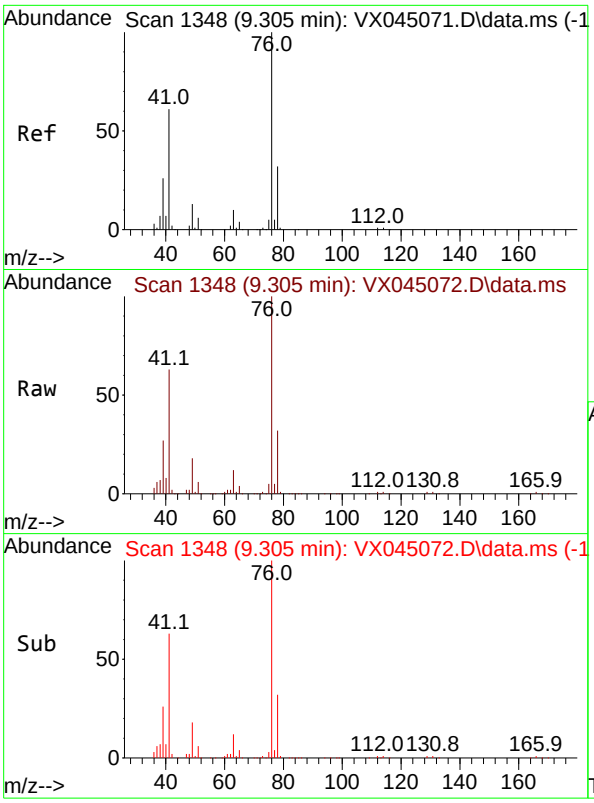


#56
Ethyl methacrylate
Concen: 106.744 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 69 Resp: 208782

Ion	Ratio	Lower	Upper
69	100		
41	71.3	57.0	85.4
39	43.0	34.2	51.4

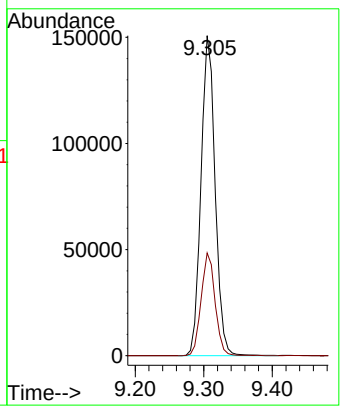




#57
1,3-Dichloropropane
Concen: 101.387 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 76 Resp: 21626

Ion	Ratio	Lower	Upper
76	100		
78	31.8	25.5	38.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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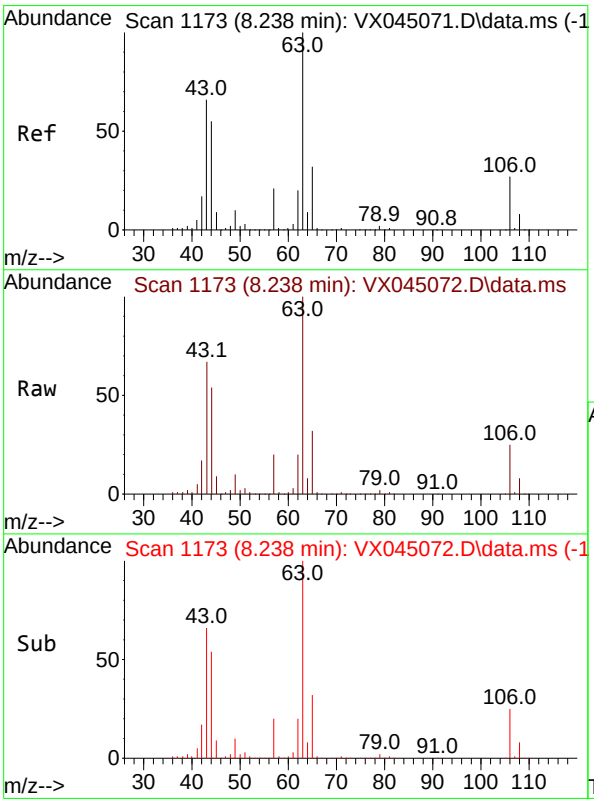
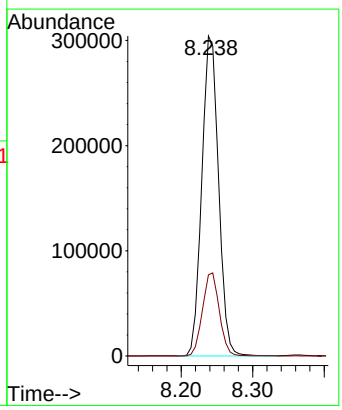
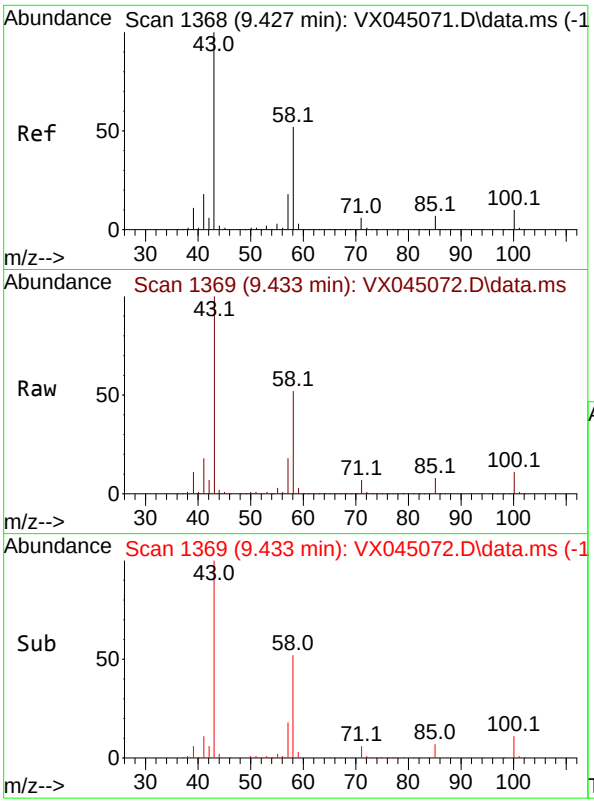


#58
2-Chloroethyl Vinyl ether
Concen: 514.987 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 63 Resp: 494551

Ion	Ratio	Lower	Upper
63	100		
106	26.1	21.5	32.3

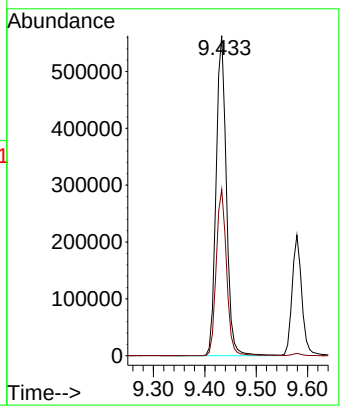




#59
2-Hexanone
Concen: 572.233 ug/l
RT: 9.433 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 43 Resp: 77949

Ion	Ratio	Lower	Upper
43	100		
58	52.2	25.9	77.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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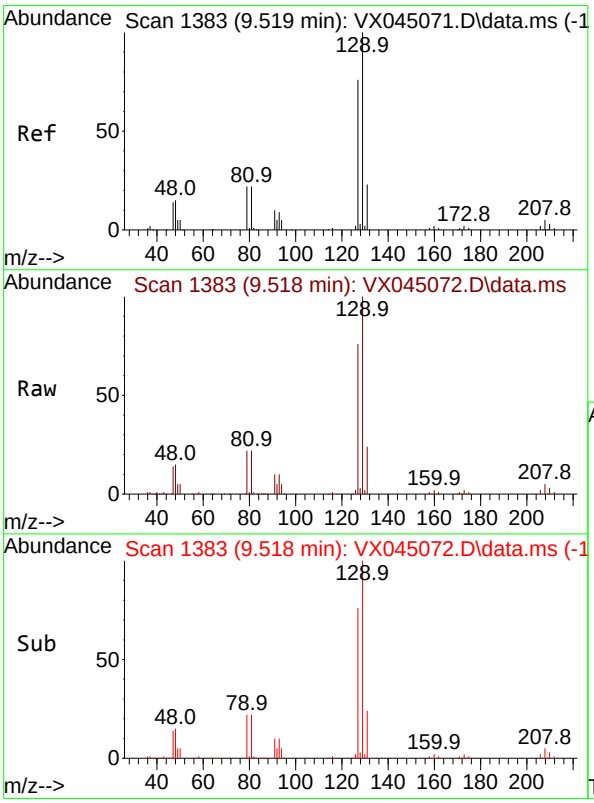
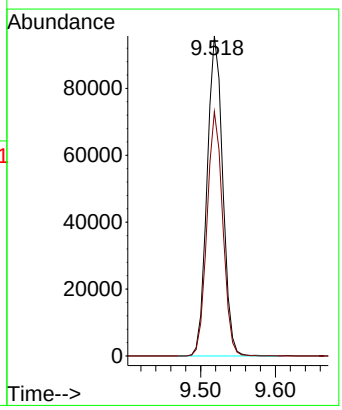
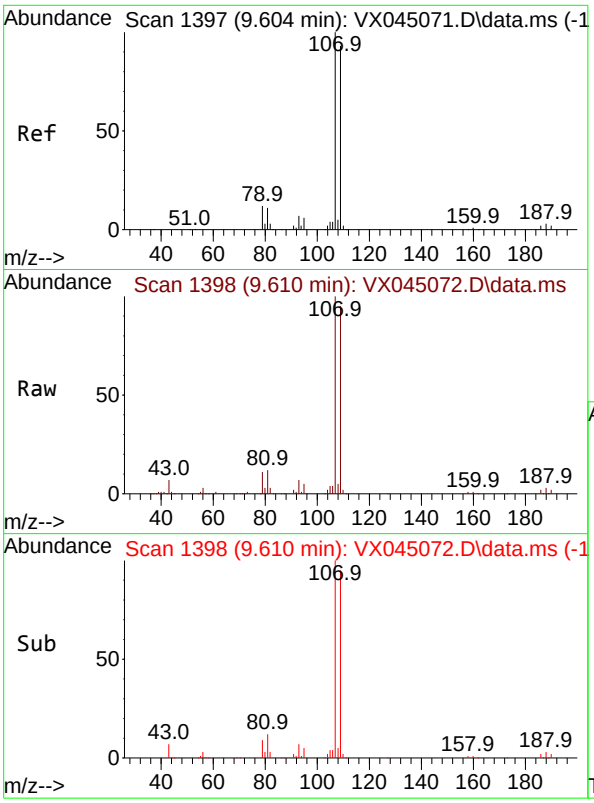


#60
Dibromochloromethane
Concen: 106.719 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion:129 Resp: 139245

Ion	Ratio	Lower	Upper
129	100		
127	76.3	38.5	115.5

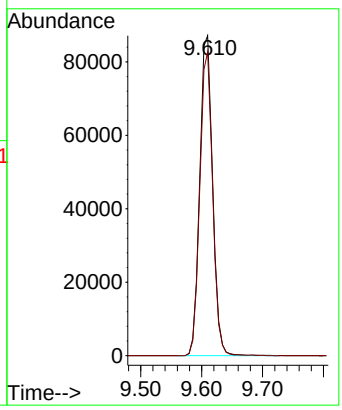




#61
1,2-Dibromoethane
Concen: 104.259 ug/l
RT: 9.610 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion:107 Resp: 12861

Ion	Ratio	Lower	Upper
107	100		
109	94.3	76.1	114.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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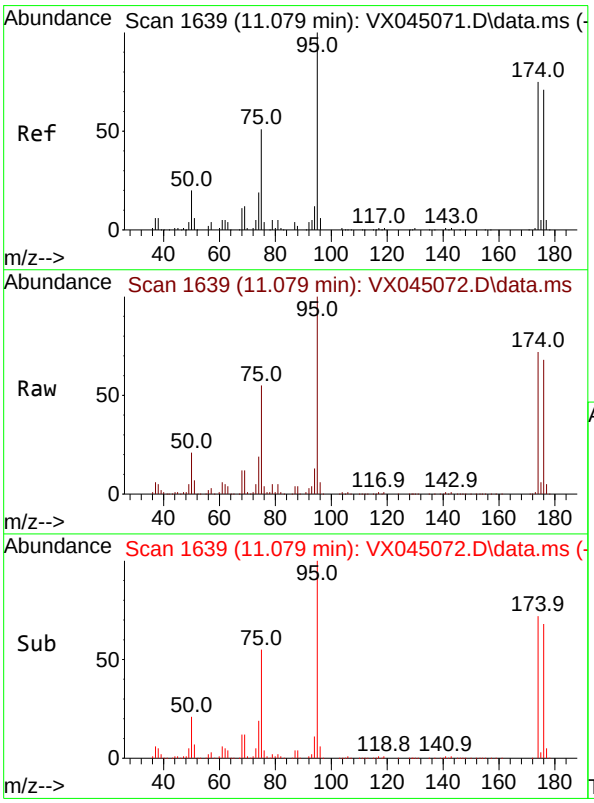
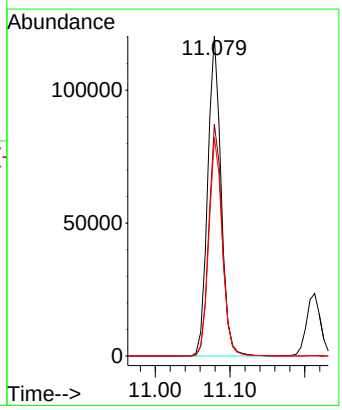
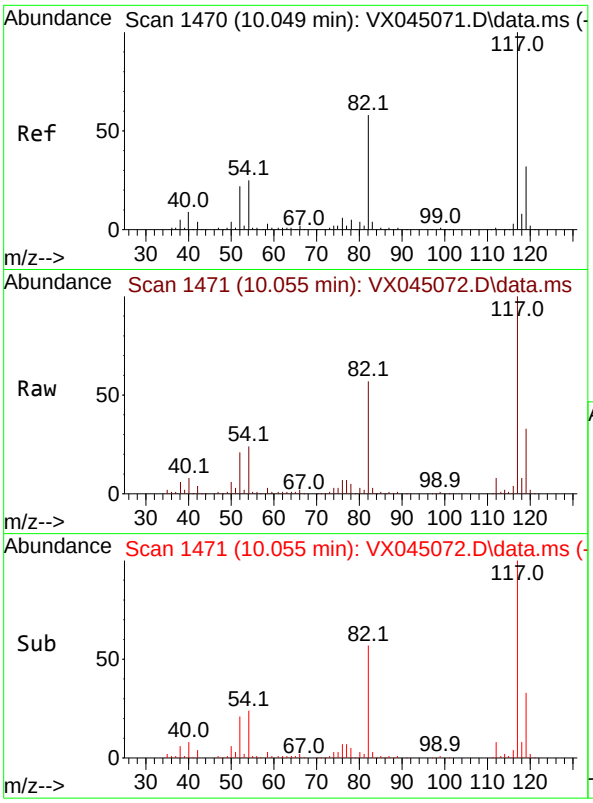


#62
4-Bromofluorobenzene
Concen: 100.365 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 95 Resp: 148476

Ion	Ratio	Lower	Upper
95	100		
174	73.0	0.0	148.2
176	69.2	0.0	141.4

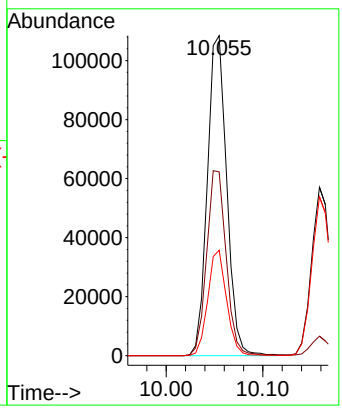




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion:117 Resp: 15117

Ion	Ratio	Lower	Upper
117	100		
82	57.5	46.3	69.5
119	33.0	25.7	38.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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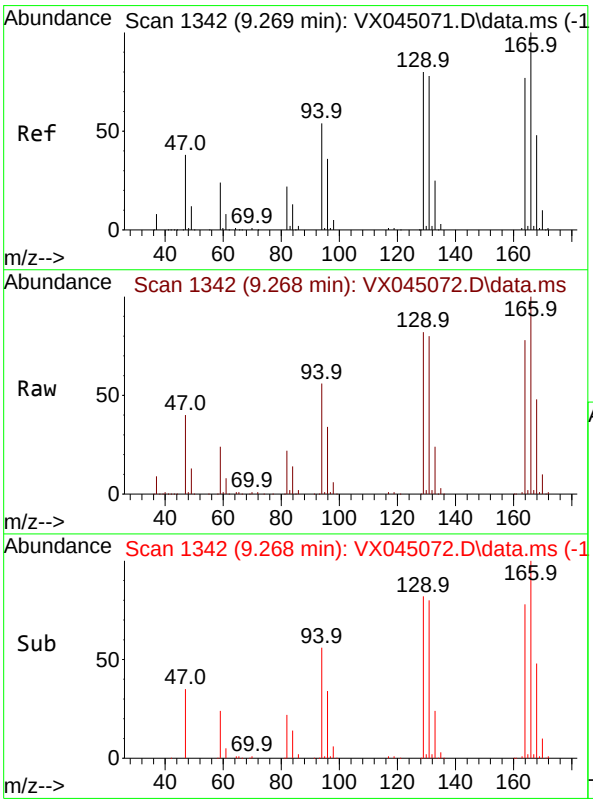
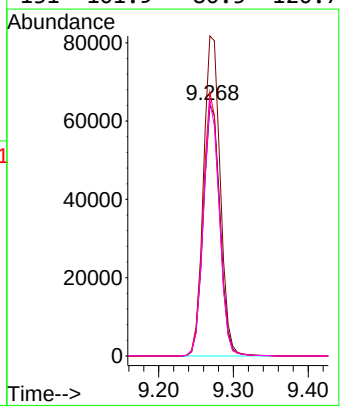
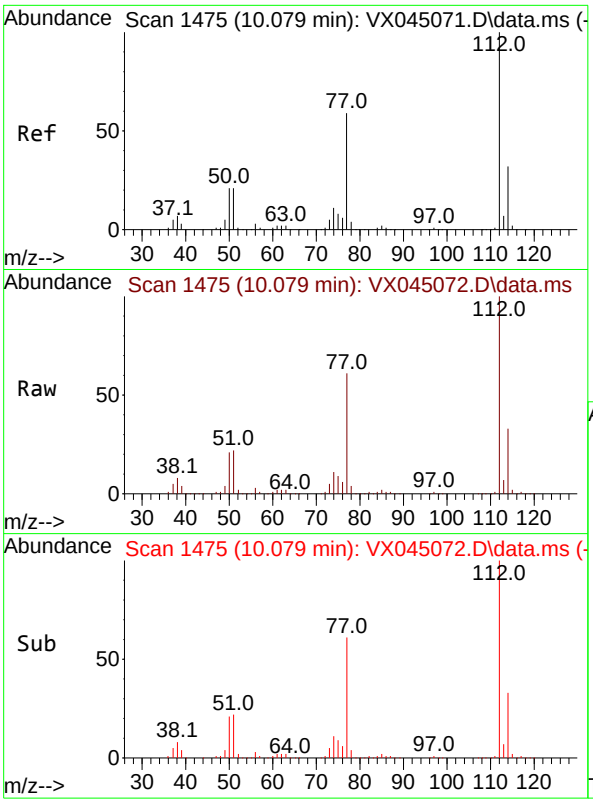


#64
Tetrachloroethene
Concen: 103.491 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion:164 Resp: 99386

Ion	Ratio	Lower	Upper
164	100		
166	127.6	103.6	155.4
129	105.2	82.7	124.1
131	101.9	80.5	120.7

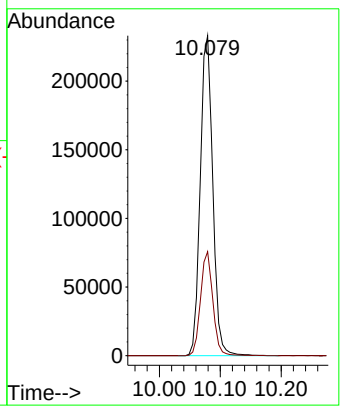




#65
Chlorobenzene
Concen: 102.456 ug/l
RT: 10.079 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion:112 Resp: 33247

Ion	Ratio	Lower	Upper
112	100		
114	32.5	26.0	39.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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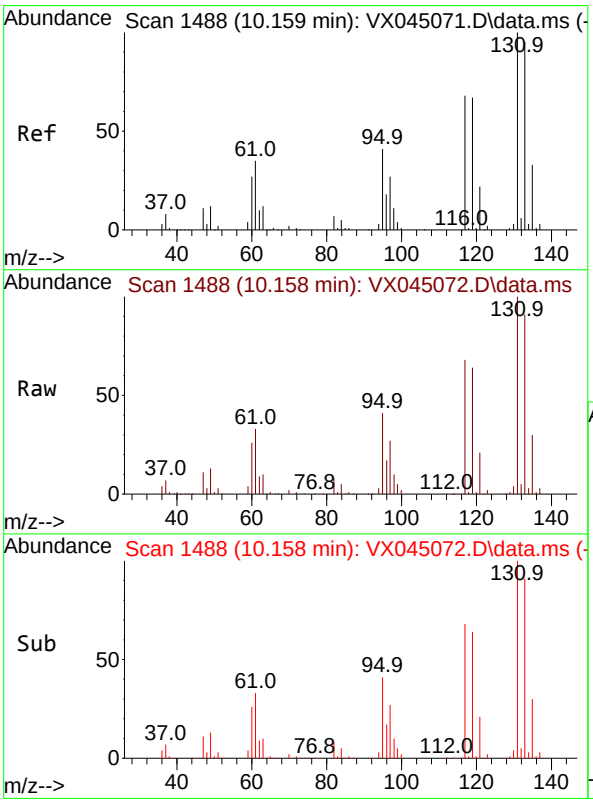
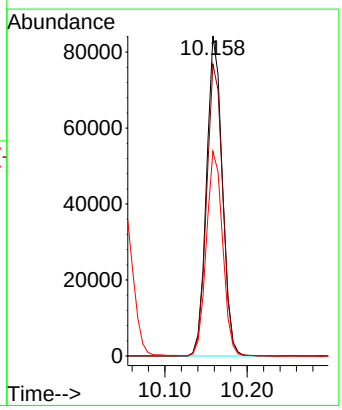
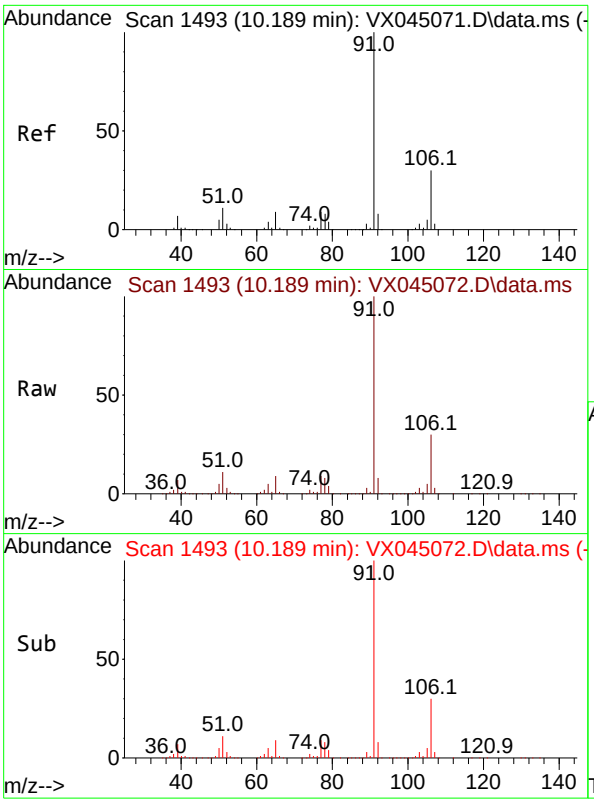


#66
1,1,1,2-Tetrachloroethane
Concen: 107.511 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion:131 Resp: 112451

Ion	Ratio	Lower	Upper
131	100		
133	93.1	48.6	145.9
119	65.8	33.9	101.7

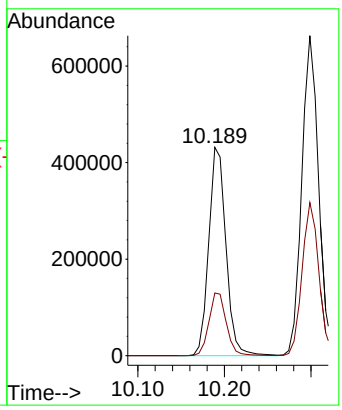




#67
Ethyl Benzene
Concen: 103.905 ug/l
RT: 10.189 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 91 Resp: 59625

Ion	Ratio	Lower	Upper
91	100		
106	30.1	23.9	35.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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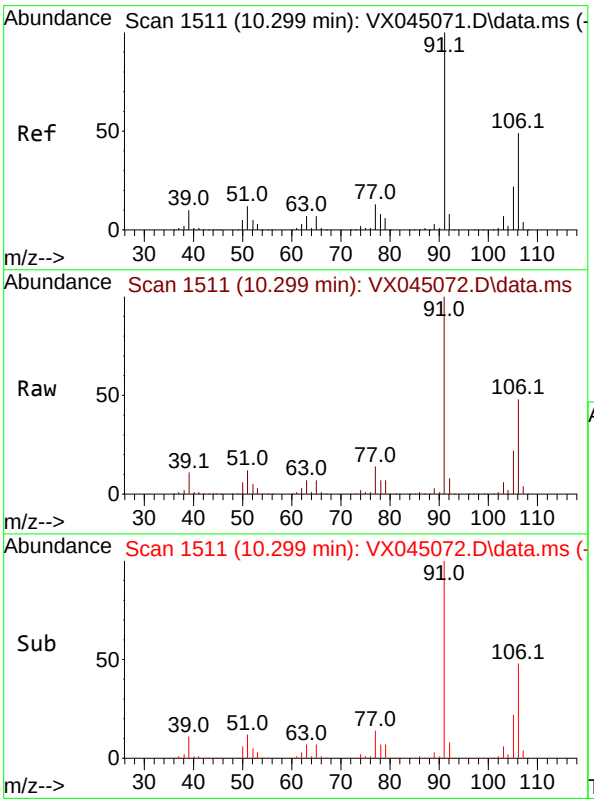
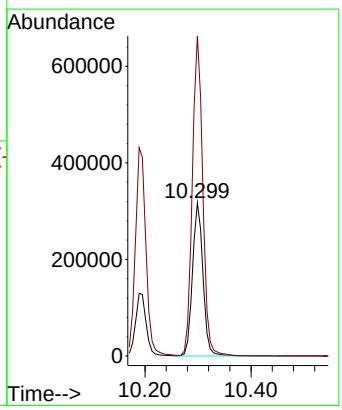
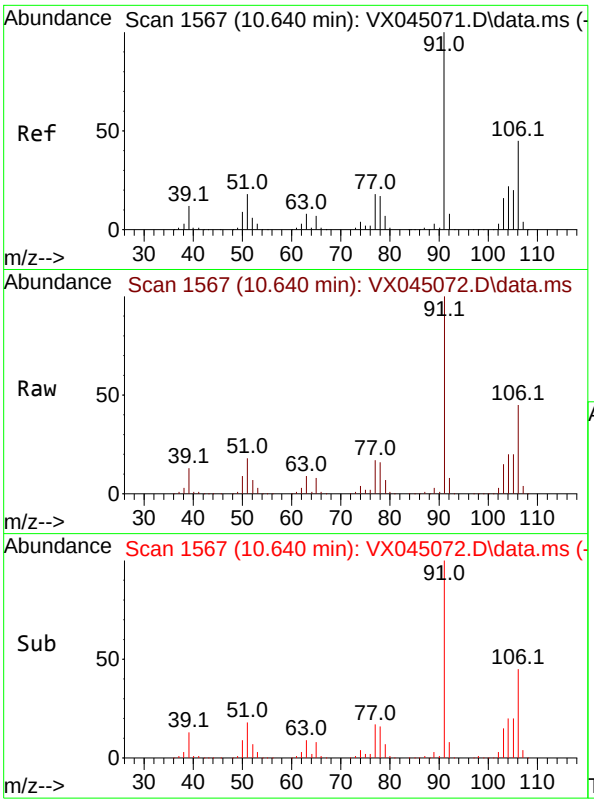


#68
m/p-Xylenes
Concen: 204.507 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion:106 Resp: 432214

Ion	Ratio	Lower	Upper
106	100		
91	208.9	165.4	248.0

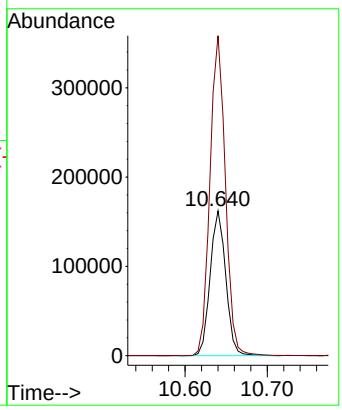




#69
o-Xylene
Concen: 100.849 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion:106 Resp: 21383

Ion	Ratio	Lower	Upper
106	100		
91	218.2	109.9	329.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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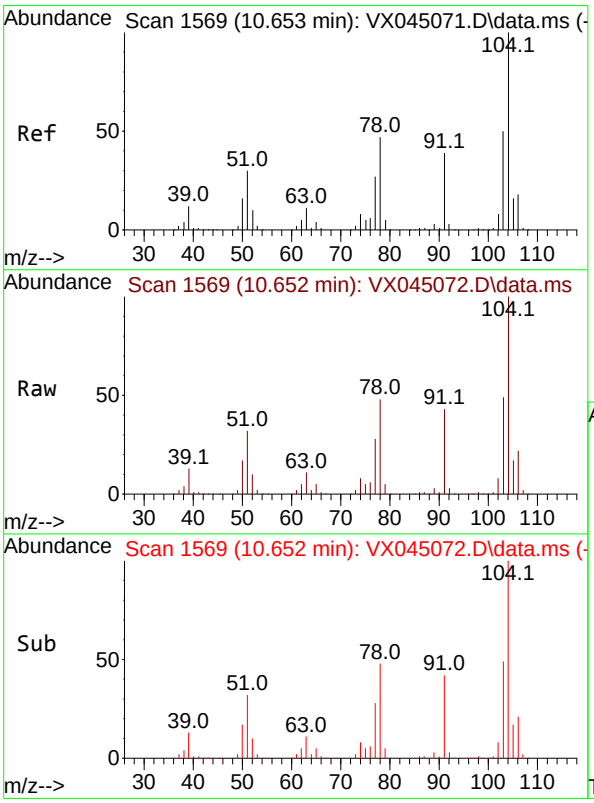
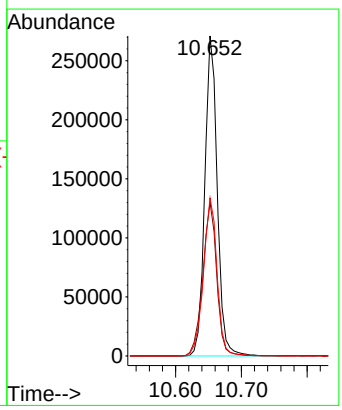
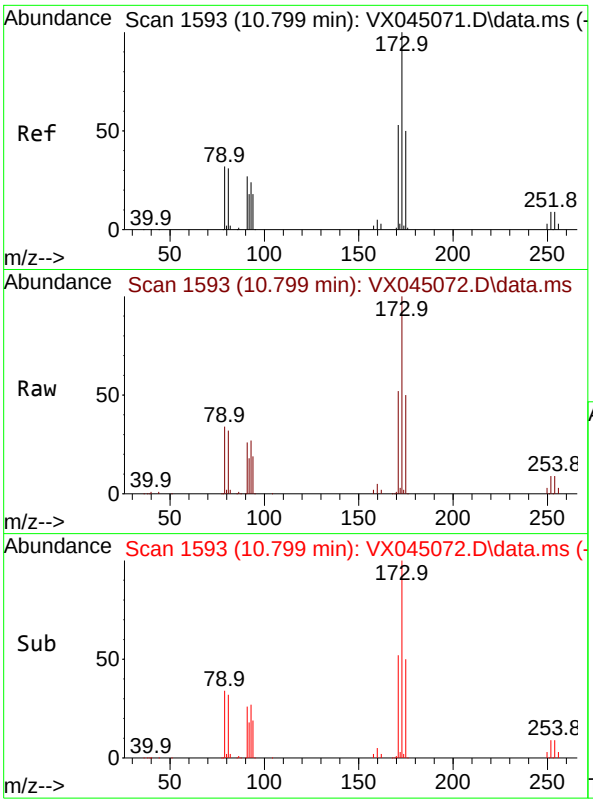


#70
Styrene
Concen: 104.948 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion:104 Resp: 357649

Ion	Ratio	Lower	Upper
104	100		
78	53.7	42.2	63.4
103	54.3	43.8	65.8

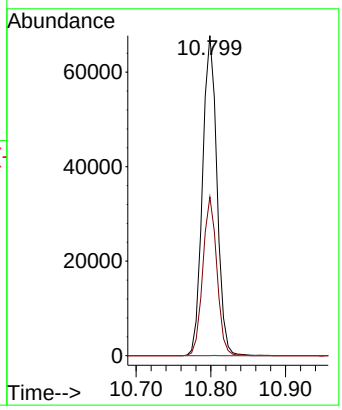




#71
Bromoform
Concen: 116.751 ug/l
RT: 10.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion:173 Resp: 9080

Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.6	73.6
254	0.0	0.0	0.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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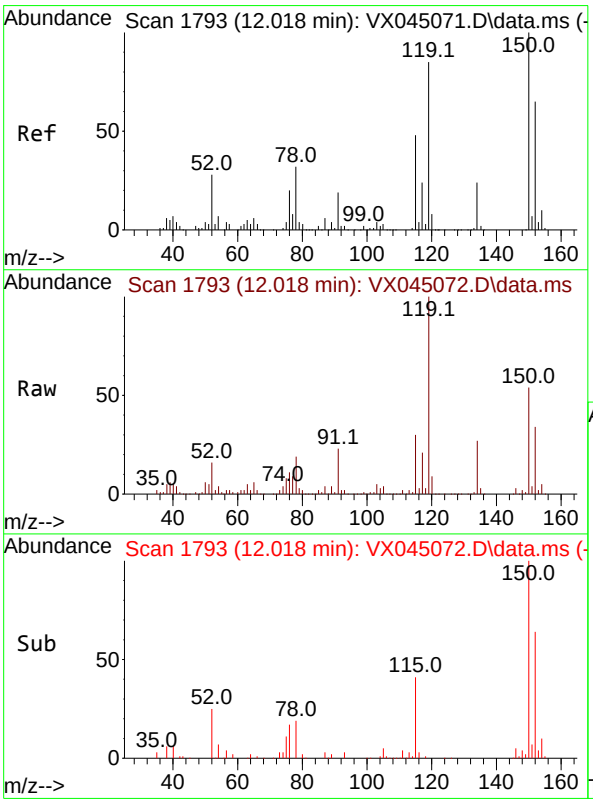
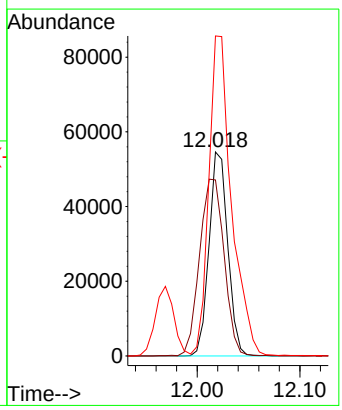
Supervised By :Mahesh Dadoda 02/28/2025

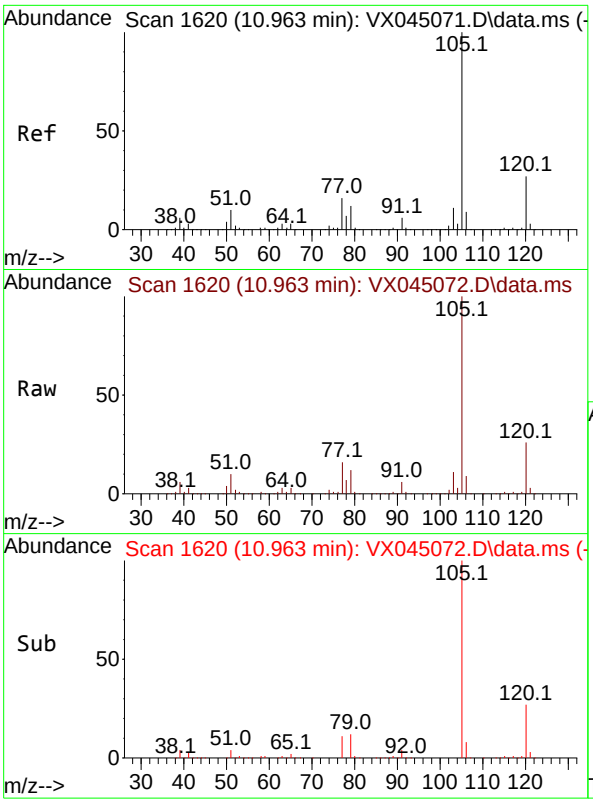


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion:152 Resp: 69086

Ion	Ratio	Lower	Upper
152	100		
115	114.1	44.2	132.6
150	190.7	0.0	349.0

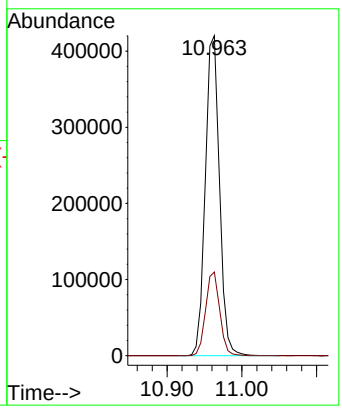




#73
Isopropylbenzene
Concen: 99.138 ug/l
RT: 10.963 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion:105 Resp: 55353

Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.2	39.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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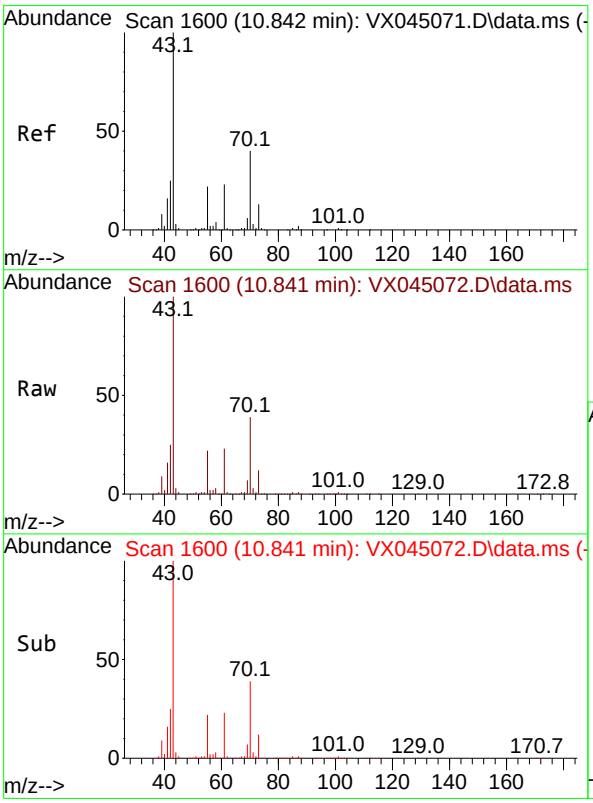
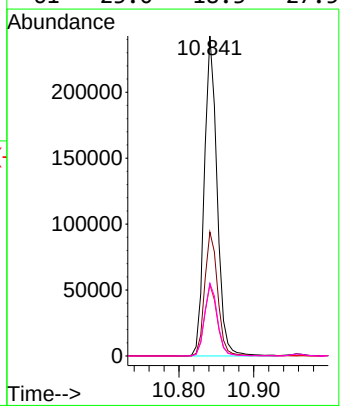
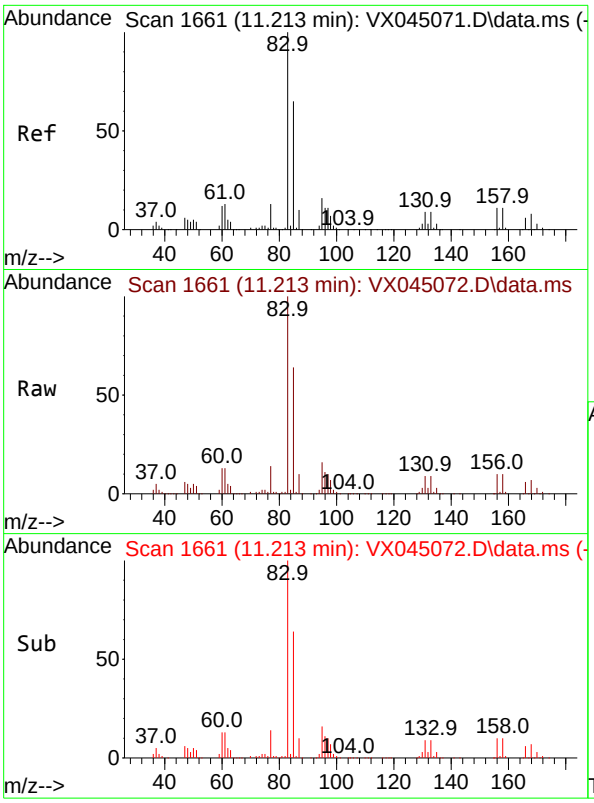


#74
N-amyl acetate
Concen: 113.277 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 43 Resp: 287104

Ion	Ratio	Lower	Upper
43	100		
70	39.6	31.8	47.6
55	22.3	18.3	27.5
61	23.0	18.3	27.5

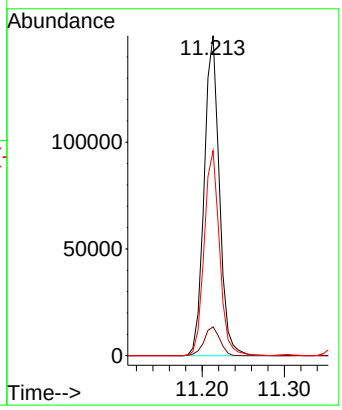




#75
1,1,2,2-Tetrachloroethane
Concen: 99.923 ug/l
RT: 11.213 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 83 Resp: 19221

Ion	Ratio	Lower	Upper
83	100		
131	9.4	4.5	13.4
85	64.7	31.7	95.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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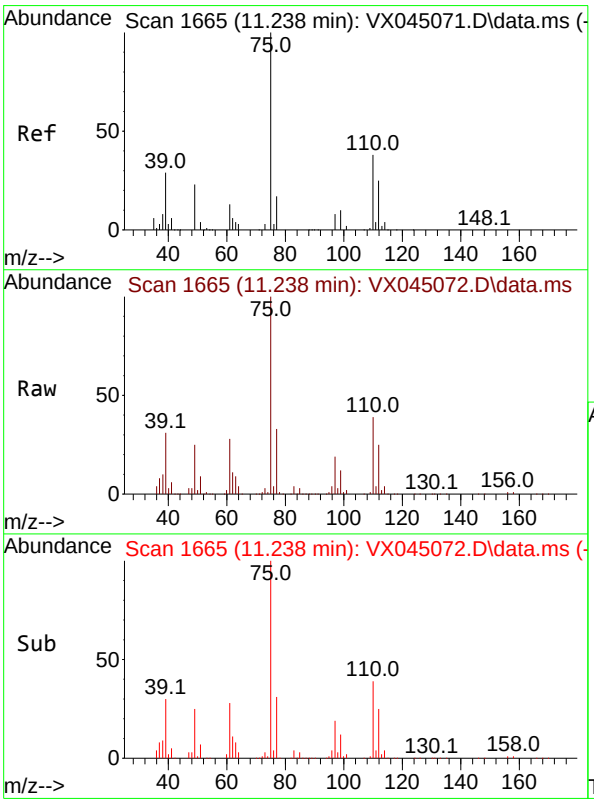
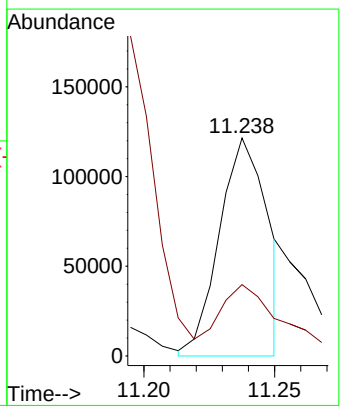
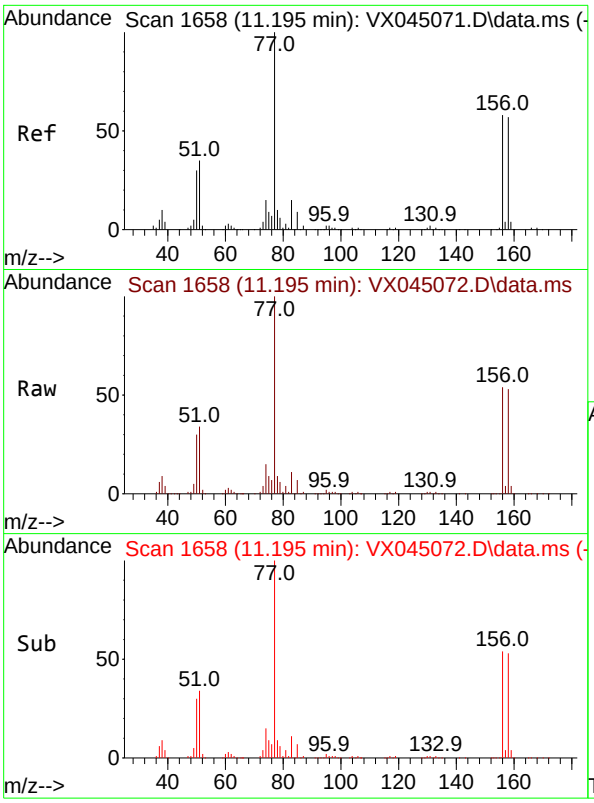


#76
1,2,3-Trichloropropane
Concen: 101.395 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 75 Resp: 156259

Ion	Ratio	Lower	Upper
75	100		
77	42.7	20.7	62.1

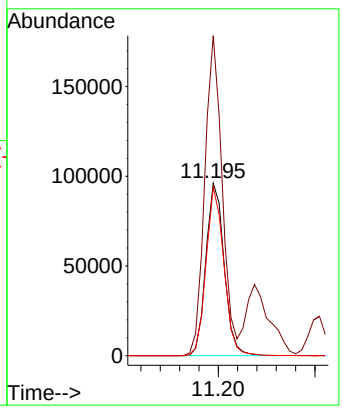




#77
Bromobenzene
Concen: 99.175 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion:156 Resp: 12570

Ion	Ratio	Lower	Upper
156	100		
77	177.3	85.8	257.4
158	95.9	48.4	145.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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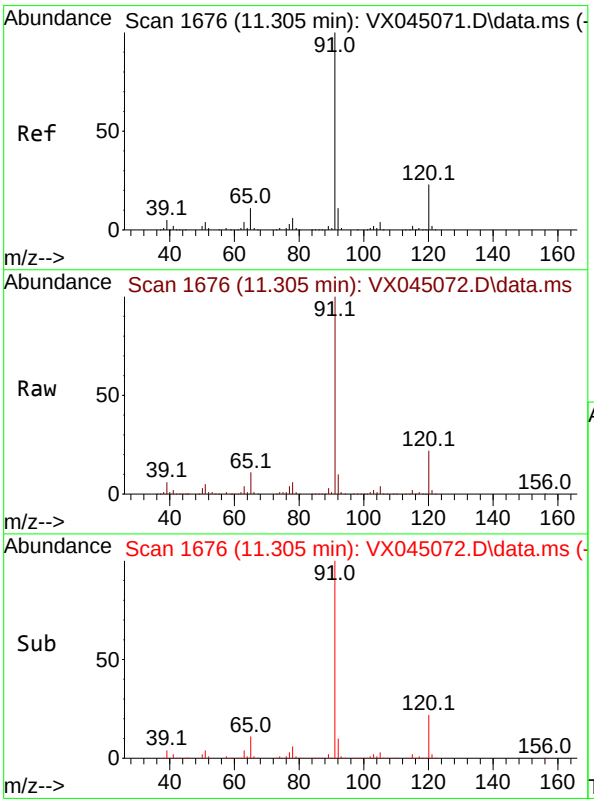
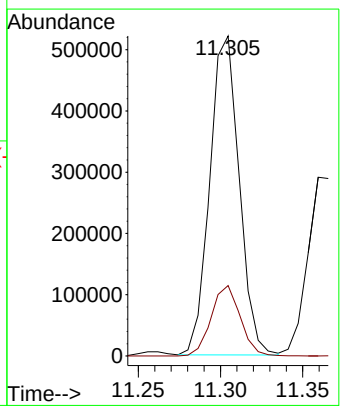
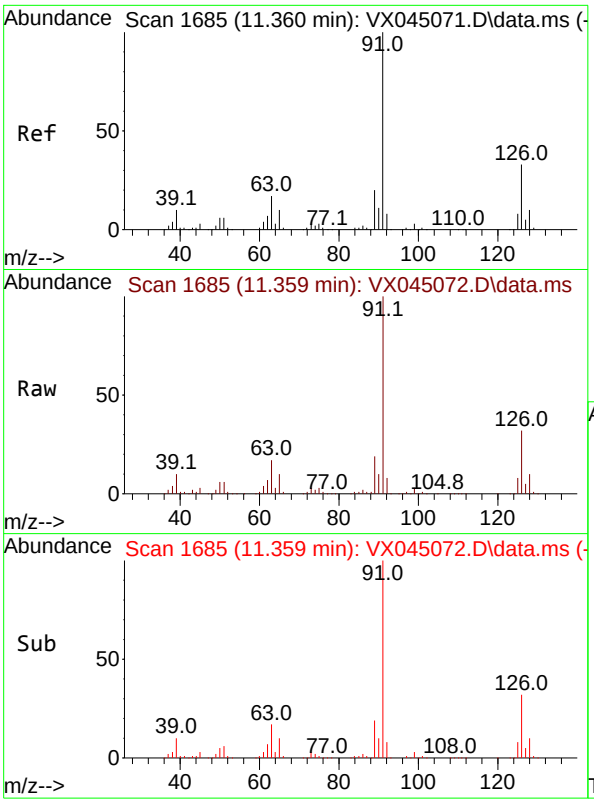


#78
n-propylbenzene
Concen: 100.758 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 91 Resp: 648835

Ion	Ratio	Lower	Upper
91	100		
120	21.8	11.2	33.6

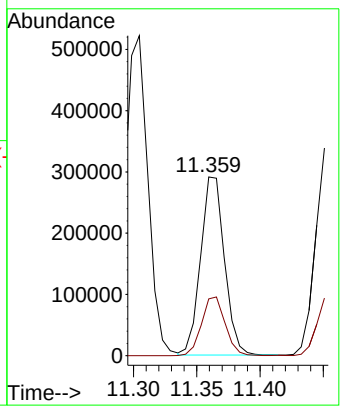




#79
2-Chlorotoluene
Concen: 96.825 ug/l
RT: 11.359 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 91 Resp: 38270

Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.4	49.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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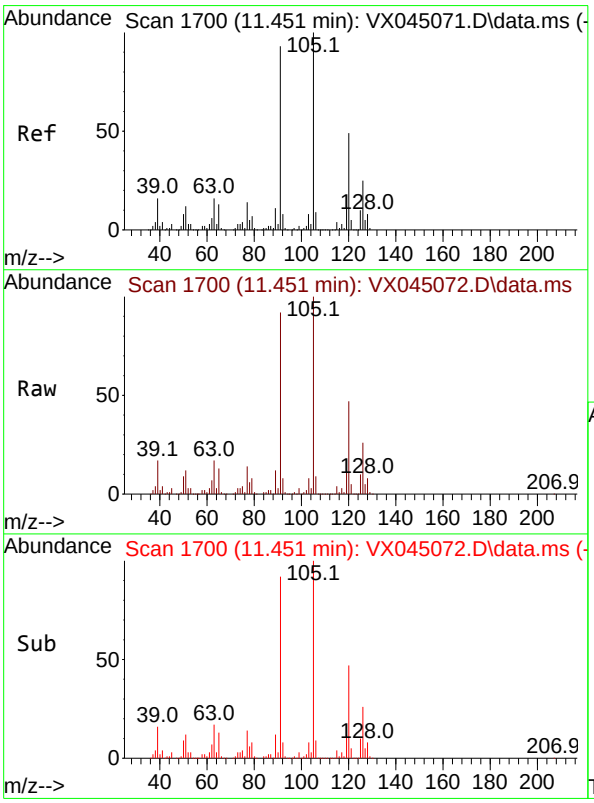
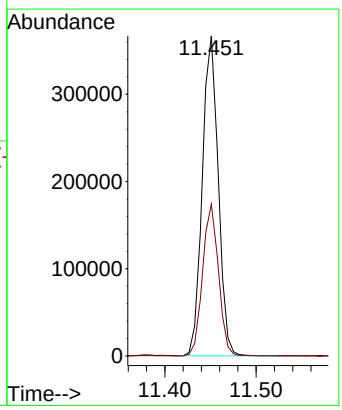
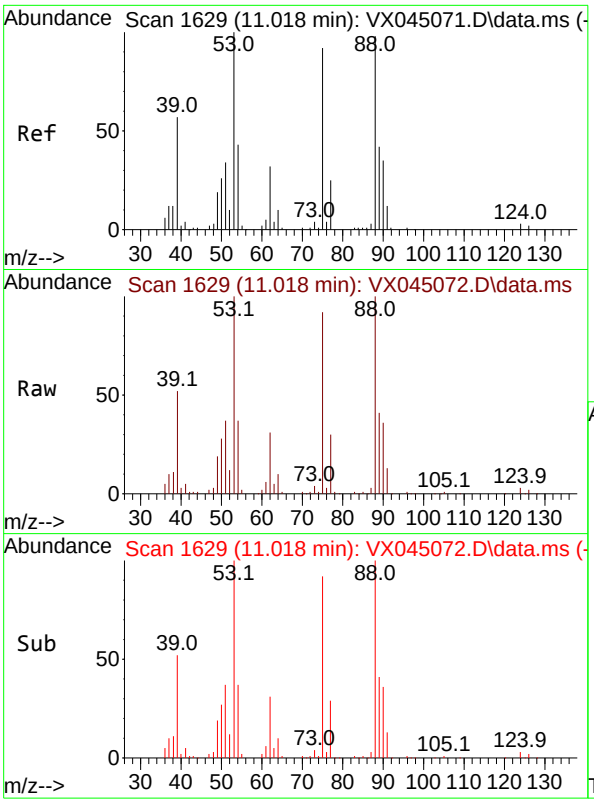


#80
1,3,5-Trimethylbenzene
Concen: 98.356 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion:105 Resp: 445466

Ion	Ratio	Lower	Upper
105	100		
120	47.1	24.1	72.2

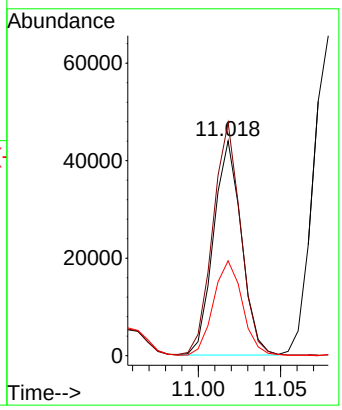




#81
trans-1,4-Dichloro-2-butene
Concen: 91.460 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 75 Resp: 5197

Ion	Ratio	Lower	Upper
75	100		
53	109.9	88.5	132.7
89	45.7	36.2	54.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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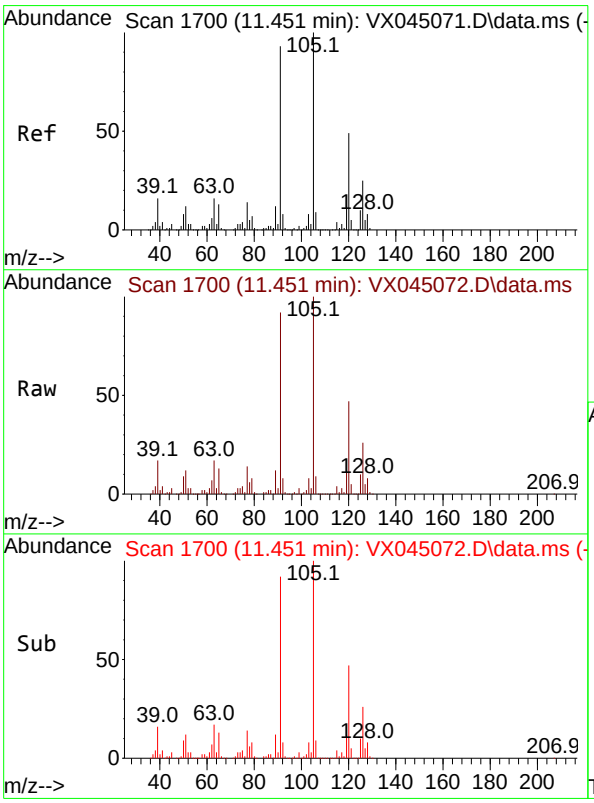
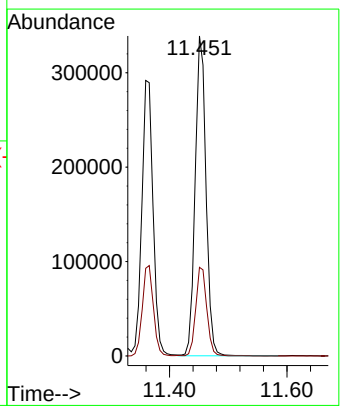
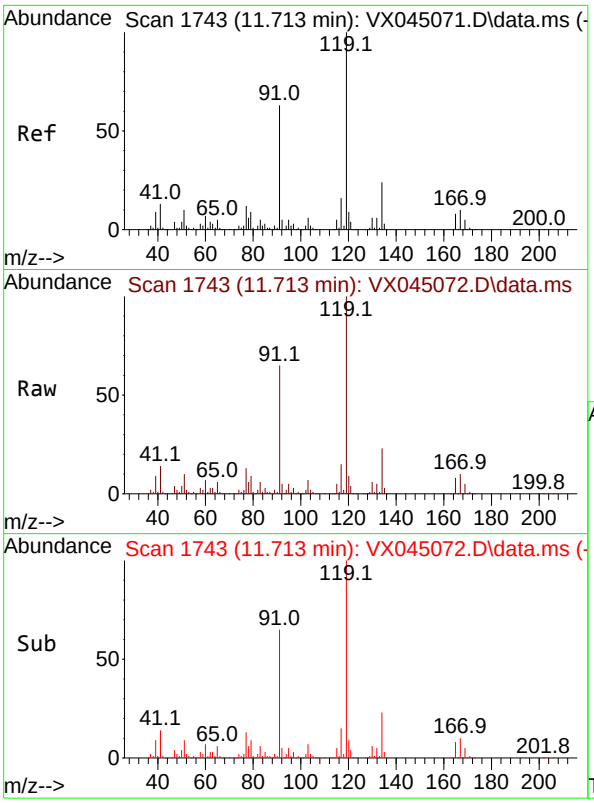


#82
4-Chlorotoluene
Concen: 99.168 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 91 Resp: 433881

Ion	Ratio	Lower	Upper
91	100		
126	28.2	14.1	42.4

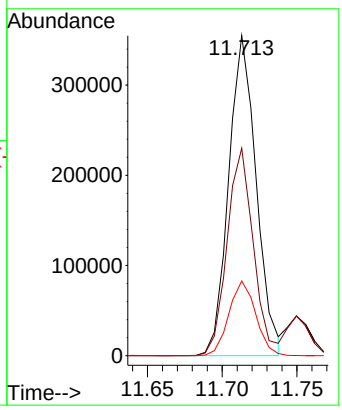




#83
tert-Butylbenzene
Concen: 99.288 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion:119 Resp: 45485

Ion	Ratio	Lower	Upper
119	100		
91	61.7	30.7	92.1
134	22.8	11.7	35.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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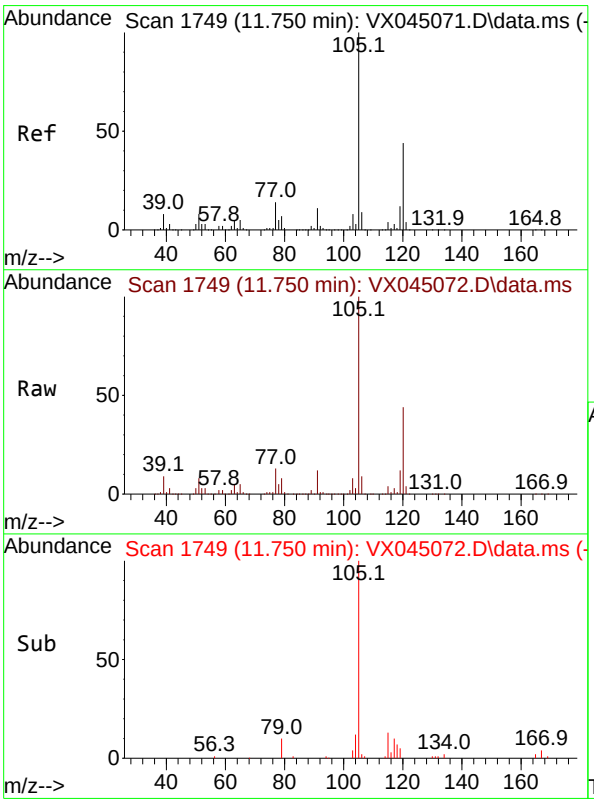
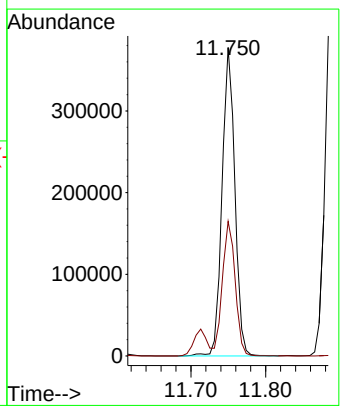
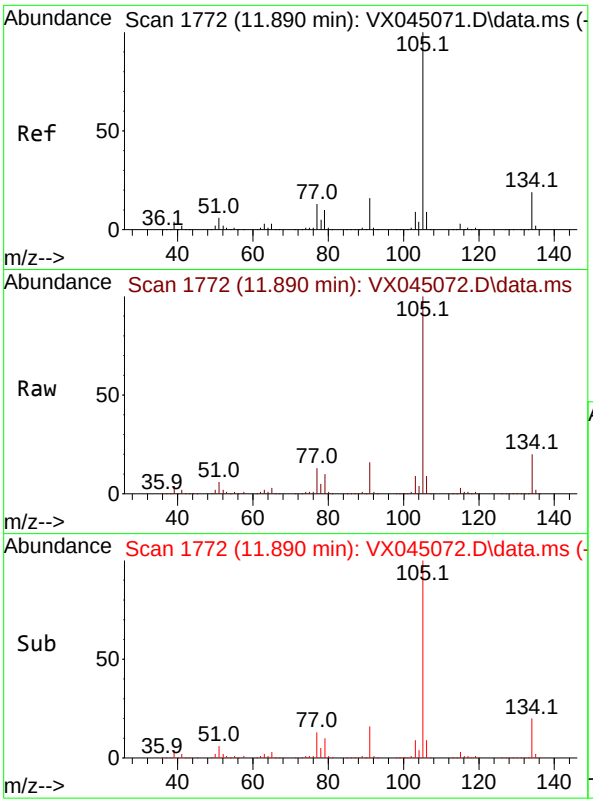


#84
1,2,4-Trimethylbenzene
Concen: 100.926 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion:105 Resp: 450108

Ion	Ratio	Lower	Upper
105	100		
120	43.4	22.1	66.1





#85
sec-Butylbenzene
Concen: 100.517 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion:105 Resp: 57000

Ion	Ratio	Lower	Upper
105	100		
134	19.6	9.8	29.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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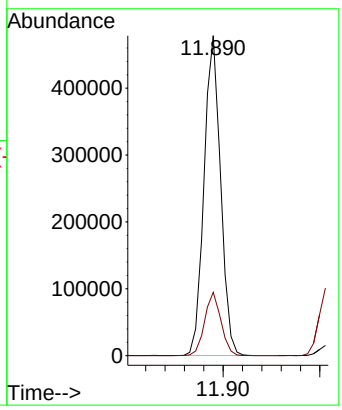
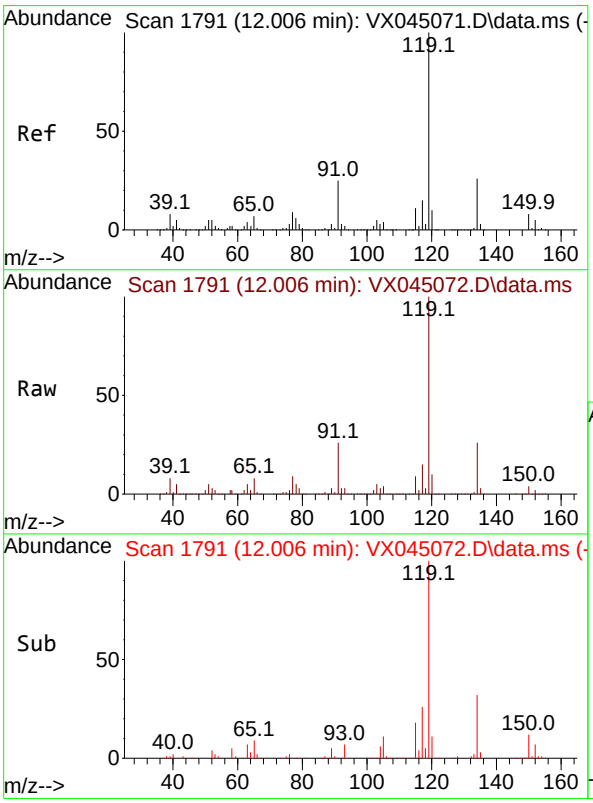
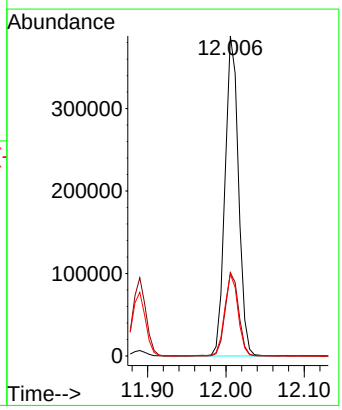


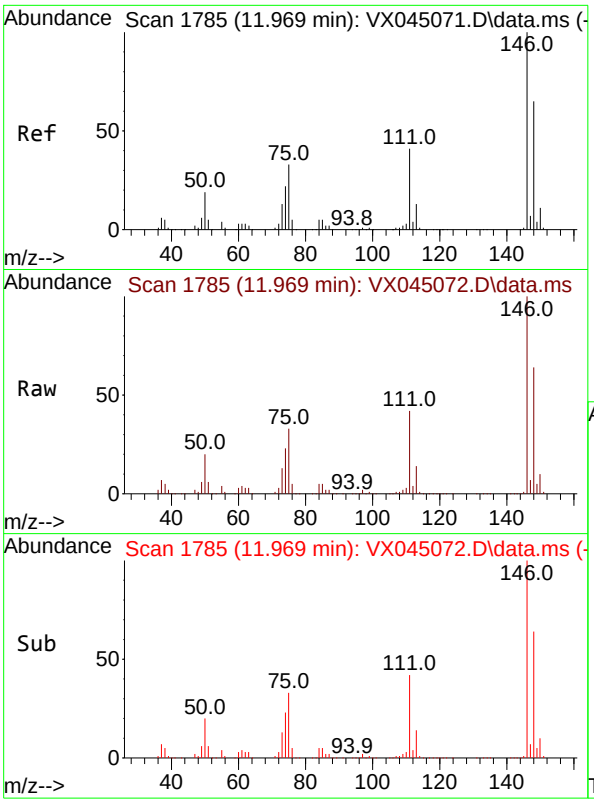


#86
p-Isopropyltoluene
Concen: 102.252 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion:119 Resp: 465512

Ion	Ratio	Lower	Upper
119	100		
134	26.0	12.9	38.6
91	25.3	12.7	38.0

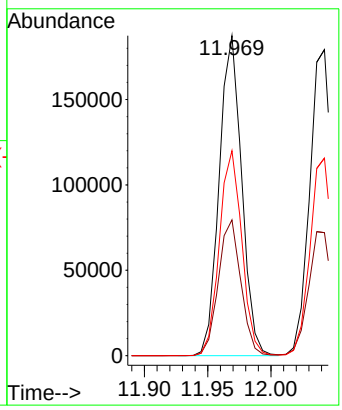




#87
1,3-Dichlorobenzene
Concen: 99.903 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion:146 Resp: 23144

Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.1	63.4
148	64.1	31.9	95.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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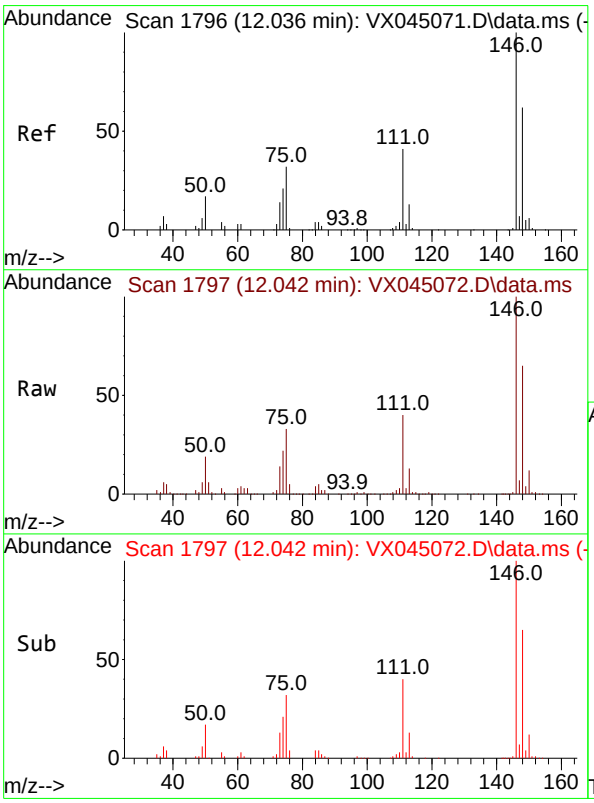
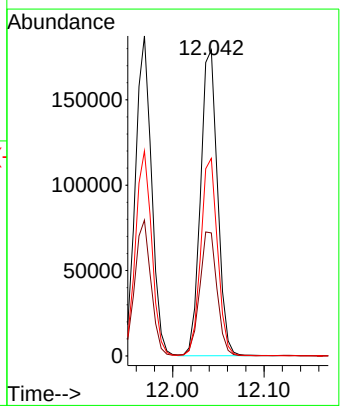
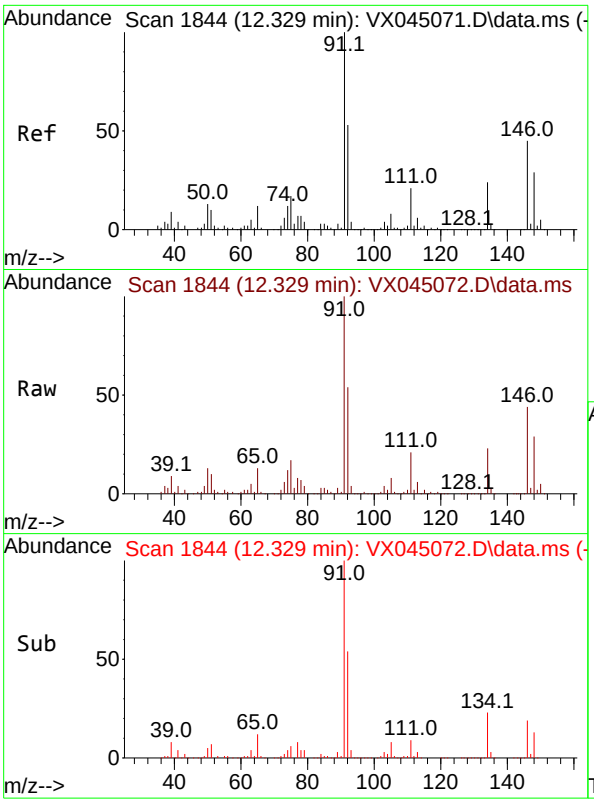


#88
1,4-Dichlorobenzene
Concen: 98.355 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion:146 Resp: 230663

Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.2	60.5
148	63.9	31.9	95.9

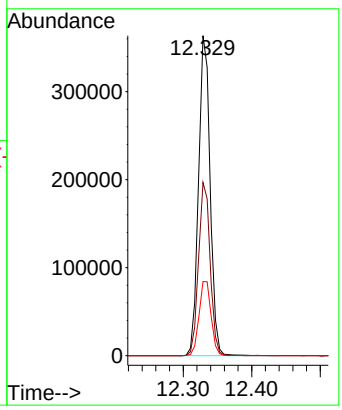




#89
n-Butylbenzene
Concen: 107.000 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 91 Resp: 42820

Ion	Ratio	Lower	Upper
91	100		
92	54.4	26.7	80.0
134	24.2	12.2	36.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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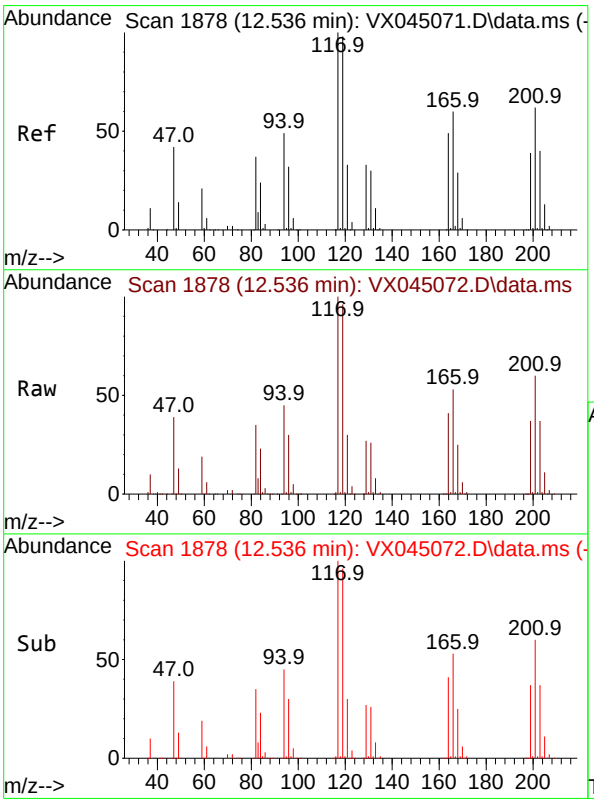
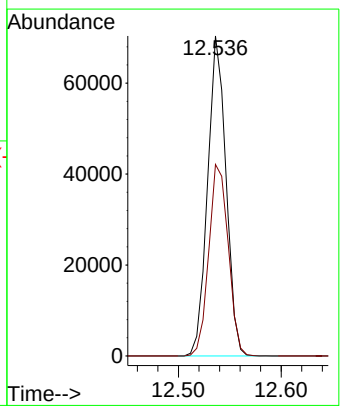
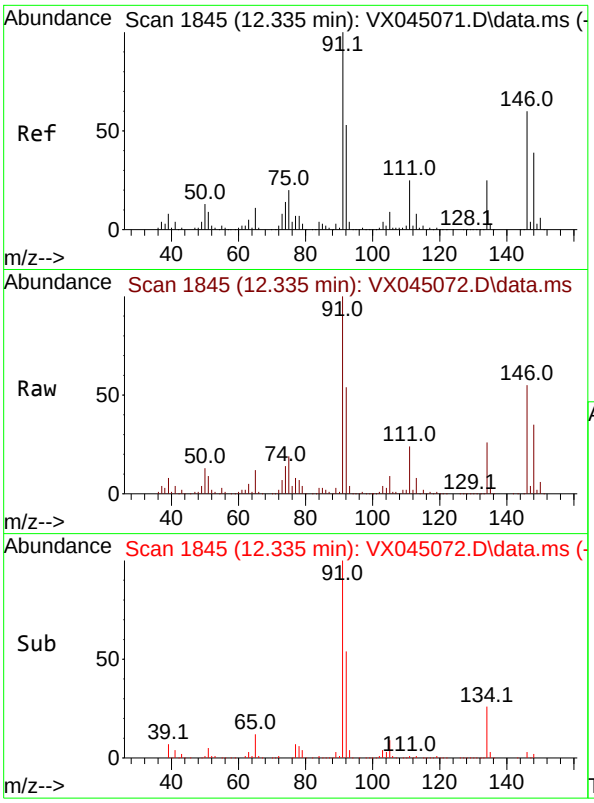


#90
Hexachloroethane
Concen: 102.980 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion:117 Resp: 87448

Ion	Ratio	Lower	Upper
117	100		
201	63.4	31.9	95.9

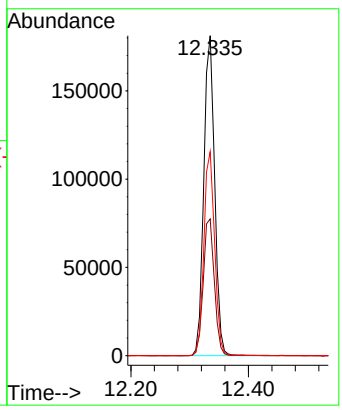




#91
1,2-Dichlorobenzene
Concen: 102.254 ug/l
RT: 12.335 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion:146 Resp: 23312

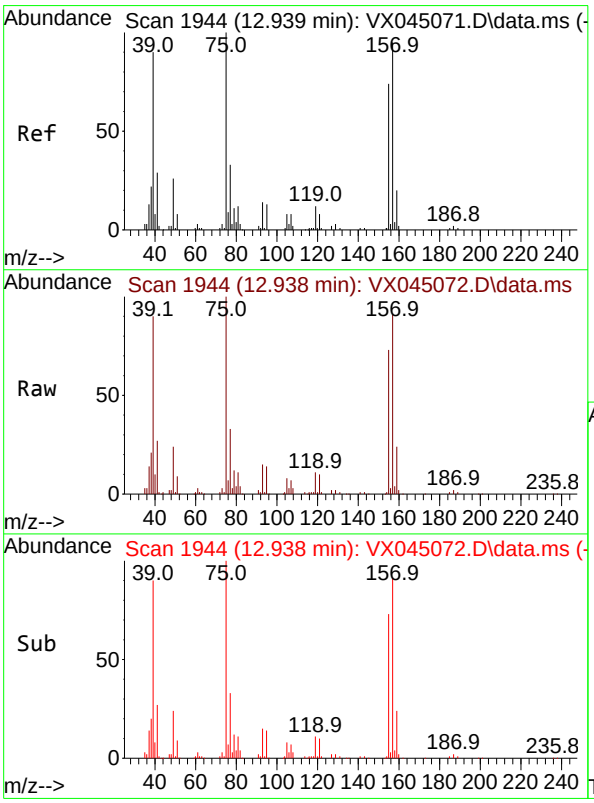
Ion	Ratio	Lower	Upper
146	100		
111	43.7	21.6	65.0
148	63.2	31.9	95.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

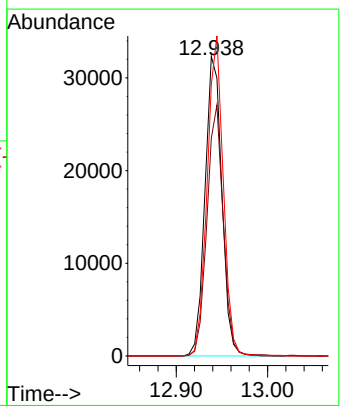
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

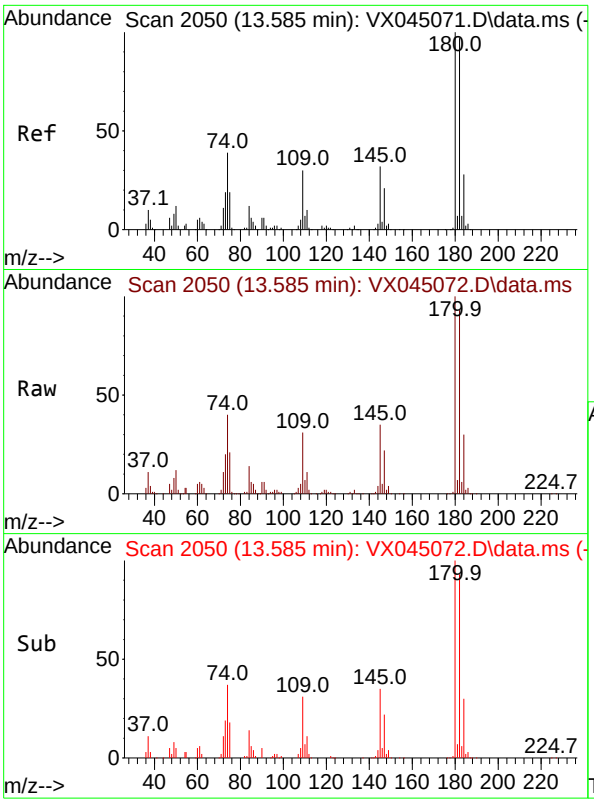


#92
1,2-Dibromo-3-Chloropropane
Concen: 116.296 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 75 Resp: 41402

Ion	Ratio	Lower	Upper
75	100		
155	80.6	39.6	118.7
157	101.8	51.1	153.4

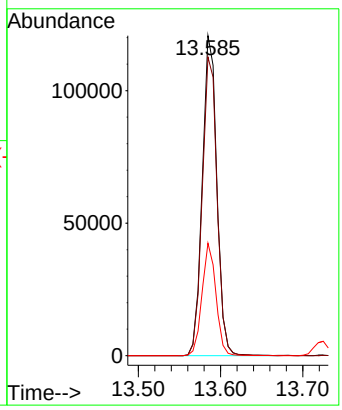




#93
1,2,4-Trichlorobenzene
Concen: 107.648 ug/l
RT: 13.585 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion:180 Resp: 14836

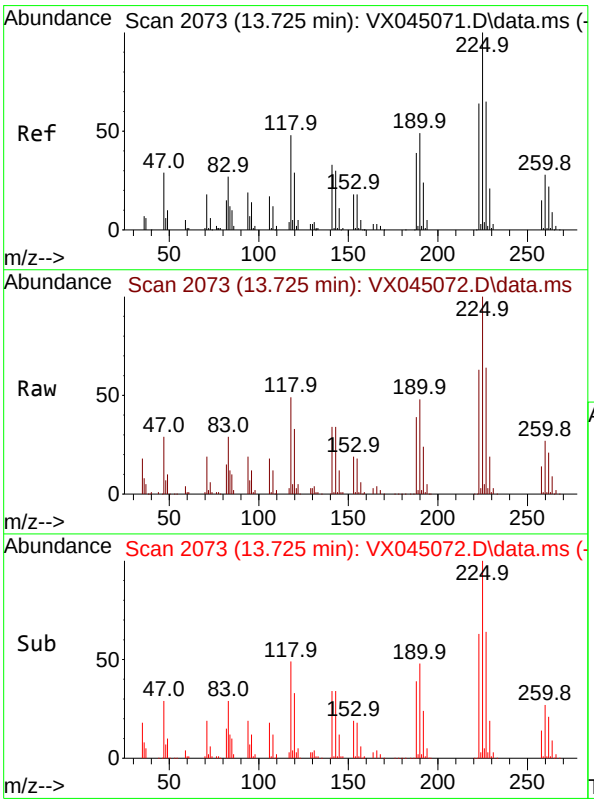
Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.3	141.9
145	33.6	16.3	48.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

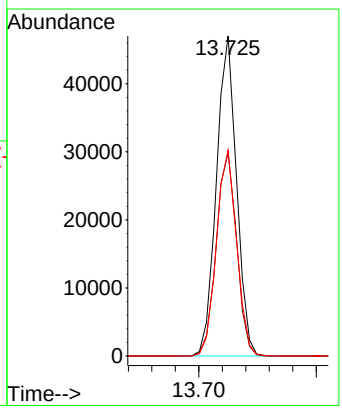
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

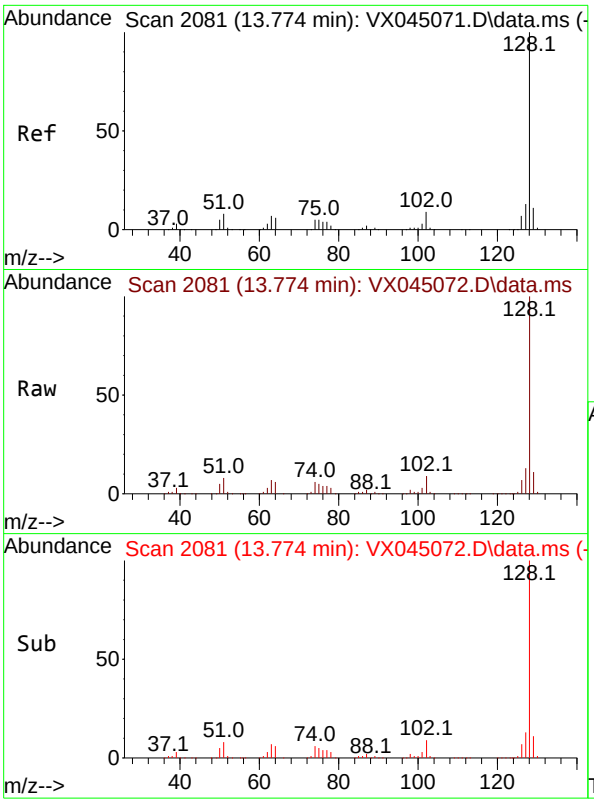


#94
Hexachlorobutadiene
Concen: 102.019 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion:225 Resp: 56065

Ion	Ratio	Lower	Upper
225	100		
223	64.1	31.9	95.7
227	64.4	31.4	94.0

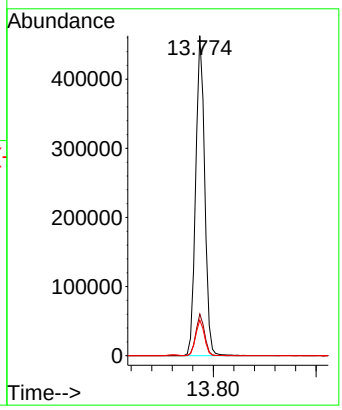




#95
Naphthalene
Concen: 112.593 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion:128 Resp: 56525

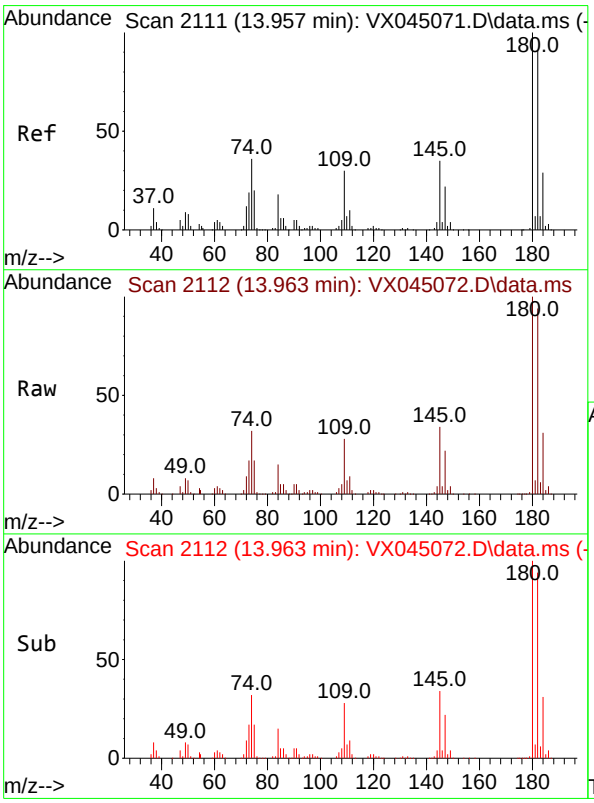
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	10.9	8.7	13.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

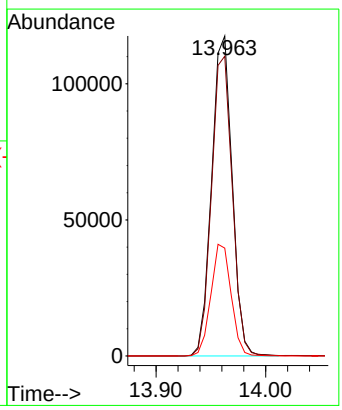
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#96
1,2,3-Trichlorobenzene
Concen: 109.554 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion:180 Resp: 152970

Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.5	142.6
145	34.5	17.0	50.9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045073.D
Acq On : 28 Feb 2025 03:47
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Feb 28 05:36:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	95754	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	176991	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	150547	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67685	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	234624	165.865	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 331.740%#			
35) Dibromofluoromethane	5.379	113	179722	155.359	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 310.720%#			
50) Toluene-d8	8.647	98	638979	147.538	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 295.080%#			
62) 4-Bromofluorobenzene	11.079	95	223346	154.420	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 308.840%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	174297	132.067	ug/l	96
3) Chloromethane	1.307	50	213704	133.072	ug/l	97
4) Vinyl Chloride	1.374	62	217672	138.774	ug/l	97
5) Bromomethane	1.593	94	83547	170.379	ug/l	98
6) Chloroethane	1.660	64	82101	137.509	ug/l	95
7) Trichlorofluoromethane	1.861	101	272235	135.494	ug/l	98
8) Diethyl Ether	2.136	74	110005	150.660	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.313	101	161825	134.877	ug/l	99
10) Methyl Iodide	2.441	142	212355	138.059	ug/l	99
11) Tert butyl alcohol	3.014	59	195415	754.176	ug/l	97
12) 1,1-Dichloroethene	2.300	96	173271	140.655	ug/l	96
13) Acrolein	2.239	56	263999	940.846	ug/l	98
14) Allyl chloride	2.654	41	308018	139.077	ug/l	98
15) Acrylonitrile	3.069	53	573208	813.990	ug/l	99
16) Acetone	2.392	43	511828	879.387	ug/l	100
17) Carbon Disulfide	2.495	76	487720	145.511	ug/l	98
18) Methyl Acetate	2.709	43	258303	147.347	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	619778	157.358	ug/l	99
20) Methylene Chloride	2.782	84	202913	147.198	ug/l	99
21) trans-1,2-Dichloroethene	3.081	96	176924	146.027	ug/l	98
22) Diisopropyl ether	3.764	45	662828	156.526	ug/l	98
23) Vinyl Acetate	3.721	43	2943150	846.586	ug/l	99
24) 1,1-Dichloroethane	3.605	63	363081	153.453	ug/l	99
25) 2-Butanone	4.568	43	818497	872.239	ug/l	99
26) 2,2-Dichloropropane	4.465	77	179826	102.231	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	220826	151.205	ug/l	98
28) Bromochloromethane	4.891	49	171273	150.105	ug/l	100
29) Tetrahydrofuran	5.007	42	528574	850.174	ug/l	99
30) Chloroform	5.093	83	351934	152.067	ug/l	97
31) Cyclohexane	5.458	56	302215	139.174	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	294434	151.120	ug/l	100
36) 1,1-Dichloropropene	5.684	75	241405	145.112	ug/l	100
37) Ethyl Acetate	4.721	43	316250	167.067	ug/l	99
38) Carbon Tetrachloride	5.672	117	245917	150.363	ug/l	99
39) Methylcyclohexane	7.373	83	292216	137.544	ug/l	97
40) Benzene	6.031	78	755854	145.368	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045073.D
Acq On : 28 Feb 2025 03:47
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Feb 28 05:36:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	4.928	41	175023	173.088 ug/l		99
42) 1,2-Dichloroethane	6.080	62	276129	163.872 ug/l		99
43) Isopropyl Acetate	6.342	43	511643	169.804 ug/l		99
44) Trichloroethene	7.123	130	178483	150.181 ug/l		97
45) 1,2-Dichloropropane	7.428	63	198135	153.334 ug/l		100
46) Dibromomethane	7.580	93	142119	157.443 ug/l		99
47) Bromodichloromethane	7.818	83	280255	160.492 ug/l		99
48) Methyl methacrylate	7.696	41	252275	176.370 ug/l		99
49) 1,4-Dioxane	7.665	88	96268	3166.423 ug/l		99
51) 4-Methyl-2-Pentanone	8.580	43	1536157	832.051 ug/l		99
52) Toluene	8.714	92	448664	145.321 ug/l		99
53) t-1,3-Dichloropropene	8.976	75	266444	154.373 ug/l		96
54) cis-1,3-Dichloropropene	8.366	75	293521	152.117 ug/l		96
55) 1,1,2-Trichloroethane	9.147	97	178217	149.046 ug/l		98
56) Ethyl methacrylate	9.116	69	310992	162.631 ug/l		98
57) 1,3-Dichloropropane	9.305	76	312196	149.699 ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	717328	764.019 ug/l		99
59) 2-Hexanone	9.433	43	1156653	868.492 ug/l		100
60) Dibromochloromethane	9.519	129	201906	158.276 ug/l		99
61) 1,2-Dibromoethane	9.610	107	185828	154.074 ug/l		100
64) Tetrachloroethene	9.269	164	139536	145.906 ug/l		94
65) Chlorobenzene	10.079	112	472117	146.096 ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	163370	156.845 ug/l		97
67) Ethyl Benzene	10.189	91	852575	149.191 ug/l		99
68) m/p-Xylenes	10.299	106	607523	288.655 ug/l		97
69) o-Xylene	10.640	106	302495	143.259 ug/l		99
70) Styrene	10.653	104	512379	150.979 ug/l		99
71) Bromoform	10.799	173	135388	174.808 ug/l	#	99
73) Isopropylbenzene	10.963	105	780706	142.719 ug/l		99
74) N-amyl acetate	10.842	43	429686	173.042 ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.213	83	283558	150.458 ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	229435m	151.960 ug/l		
77) Bromobenzene	11.195	156	180997	145.760 ug/l		96
78) n-propylbenzene	11.305	91	923593	146.395 ug/l		99
79) 2-Chlorotoluene	11.366	91	548695	141.695 ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	635832	143.293 ug/l		98
81) trans-1,4-Dichloro-2-b...	11.018	75	82267	147.761 ug/l		98
82) 4-Chlorotoluene	11.451	91	627816	146.464 ug/l		99
83) tert-Butylbenzene	11.713	119	641713	142.974 ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	647248	148.135 ug/l		100
85) sec-Butylbenzene	11.890	105	807713	145.383 ug/l		100
86) p-Isopropyltoluene	12.006	119	664916	149.075 ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	334751	147.488 ug/l		100
88) 1,4-Dichlorobenzene	12.043	146	333594	145.189 ug/l		99
89) n-Butylbenzene	12.329	91	620757	158.324 ug/l		99
90) Hexachloroethane	12.536	117	128582	154.554 ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	329318	147.436 ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	64958	186.240 ug/l		98
93) 1,2,4-Trichlorobenzene	13.585	180	219313	162.416 ug/l		99
94) Hexachlorobutadiene	13.725	225	80241	149.034 ug/l		99
95) Naphthalene	13.774	128	828949	168.538 ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	222608	162.727 ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045073.D
Acq On : 28 Feb 2025 03:47
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Feb 28 05:36:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

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

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

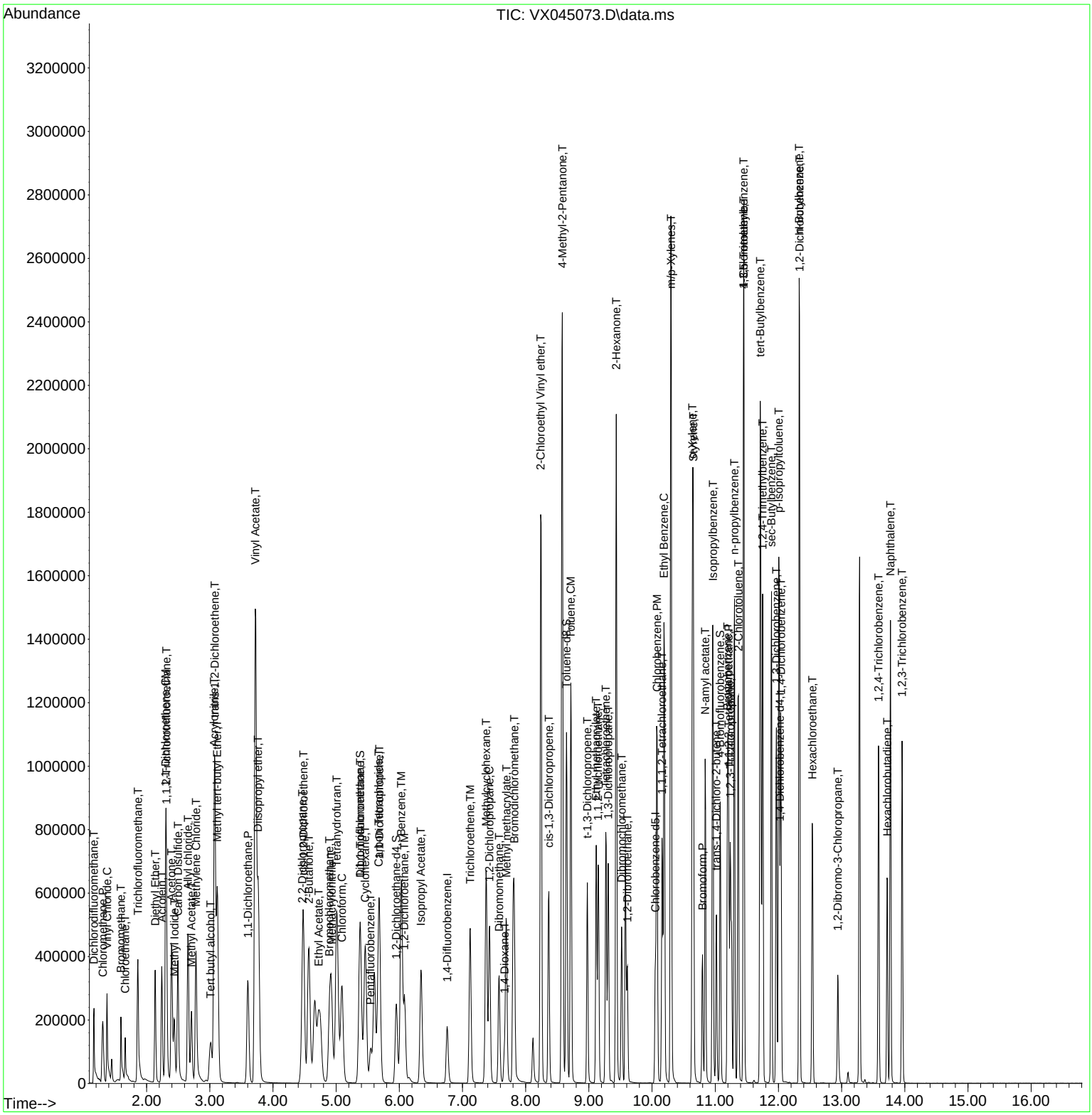
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045073.D
Acq On : 28 Feb 2025 03:47
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

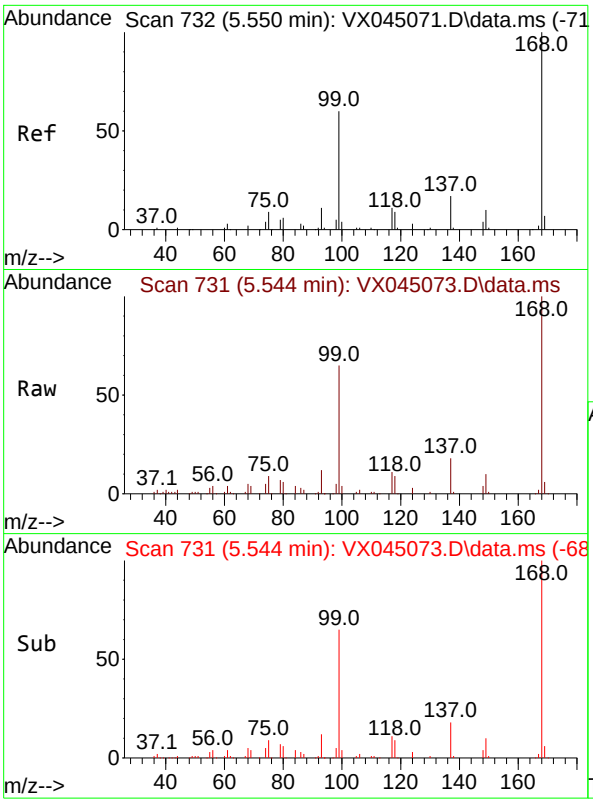
Quant Time: Feb 28 05:36:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

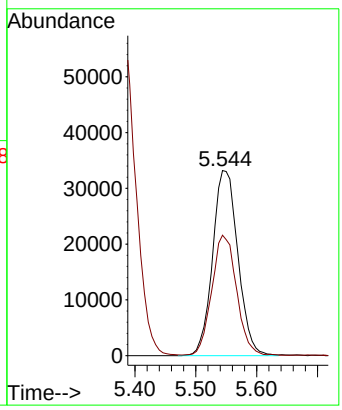




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion:168 Resp: 9575

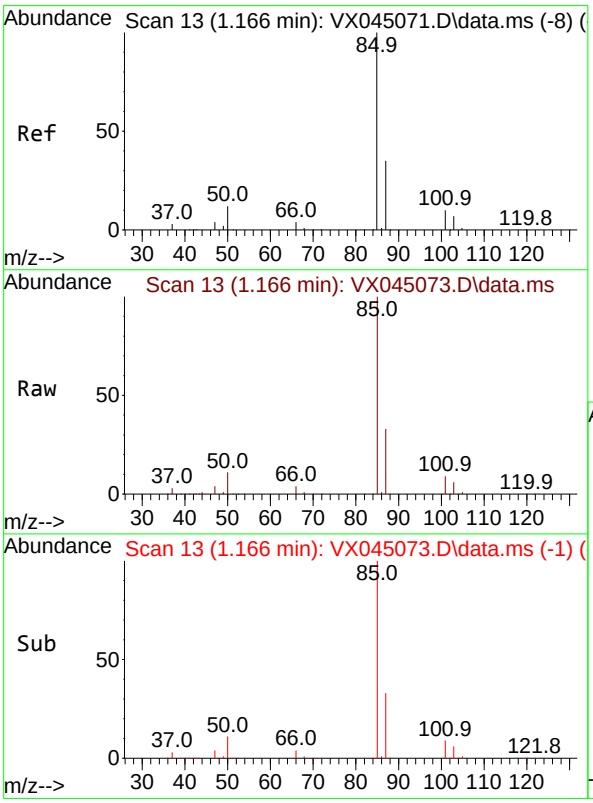
Ion	Ratio	Lower	Upper
168	100		
99	64.8	48.2	72.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

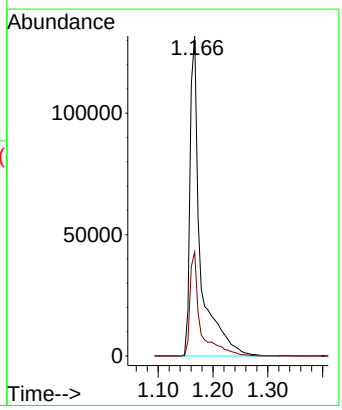
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

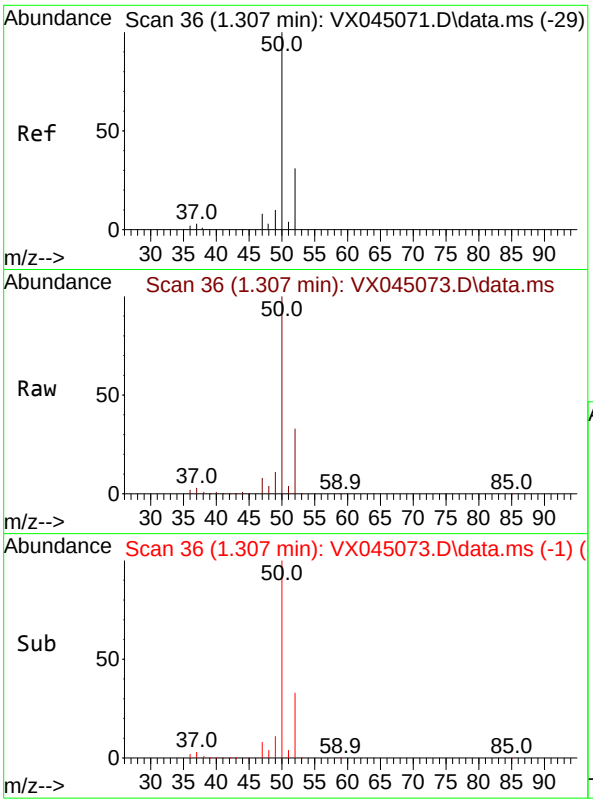


#2
Dichlorodifluoromethane
Concen: 132.067 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 85 Resp: 174297

Ion	Ratio	Lower	Upper
85	100		
87	32.5	17.4	52.3

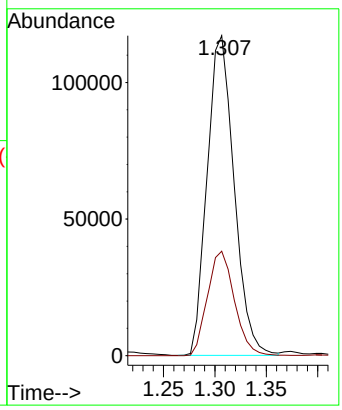




#3
Chloromethane
Concen: 133.072 ug/l
RT: 1.307 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 50 Resp: 21370

Ion	Ratio	Lower	Upper
50	100		
52	32.7	25.0	37.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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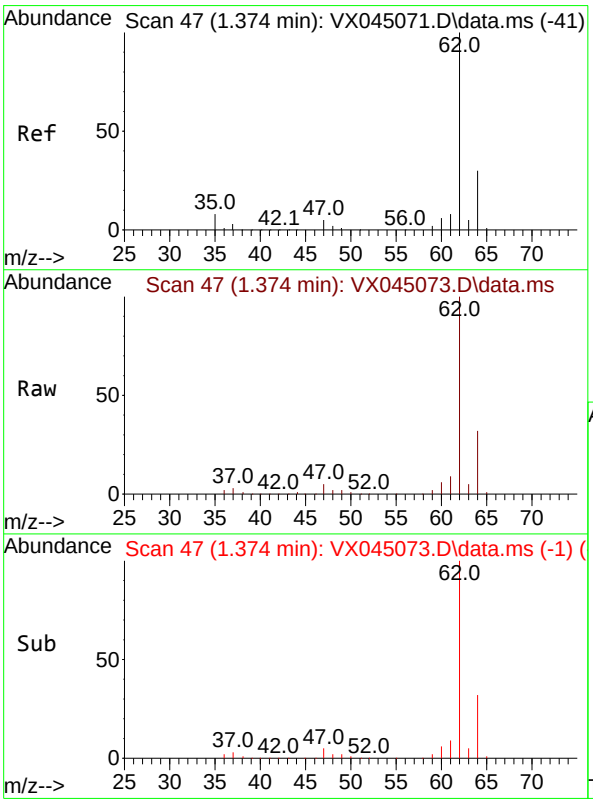
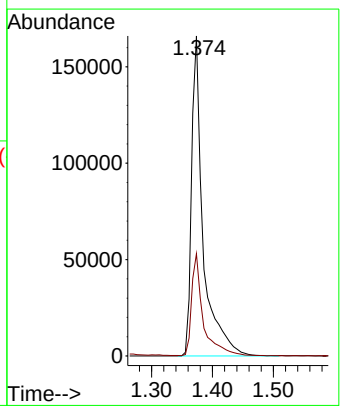
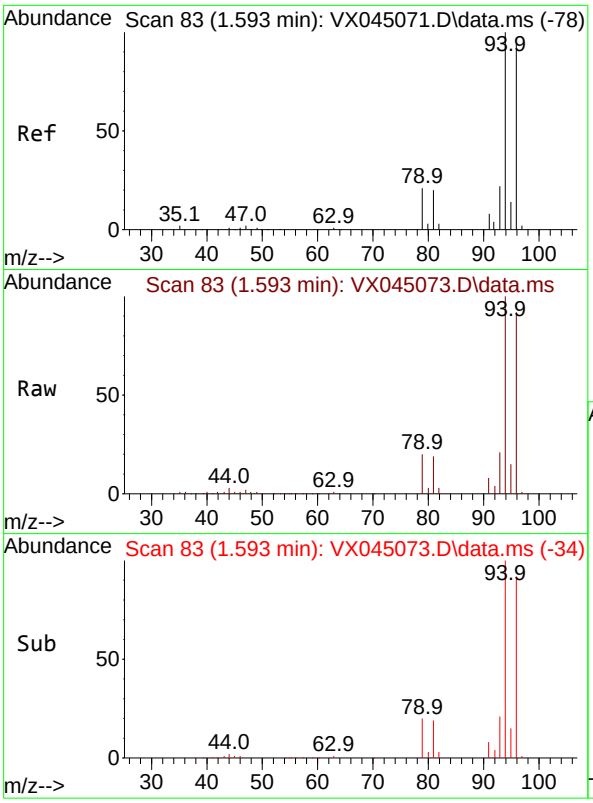


#4
Vinyl Chloride
Concen: 138.774 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 62 Resp: 217672

Ion	Ratio	Lower	Upper
62	100		
64	31.8	24.3	36.5

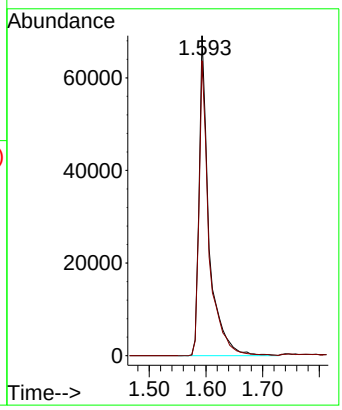




#5
Bromomethane
Concen: 170.379 ug/l
RT: 1.593 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 94 Resp: 8354

Ion	Ratio	Lower	Upper
94	100		
96	92.2	75.0	112.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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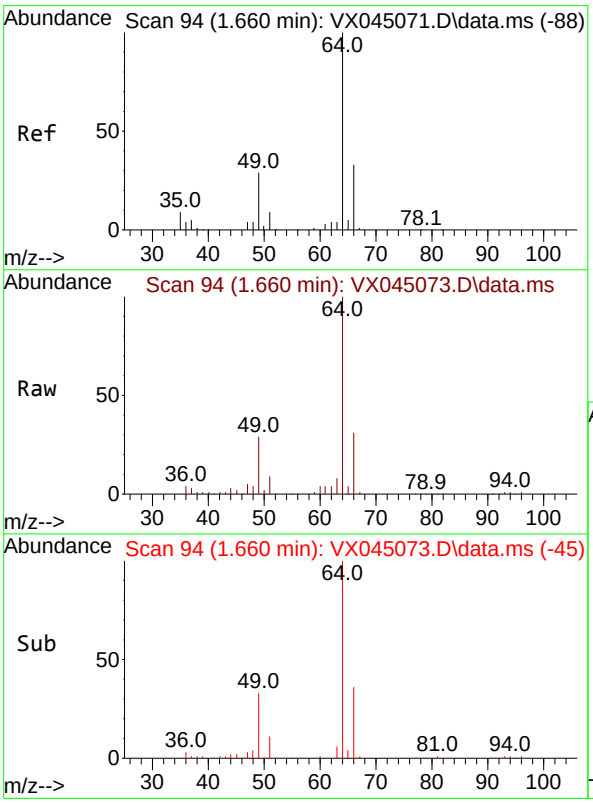
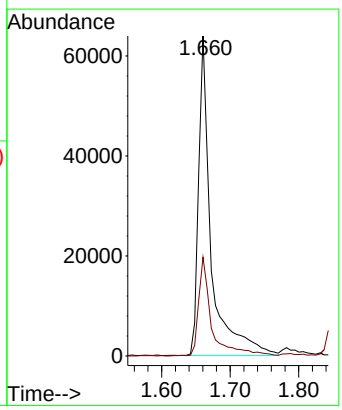
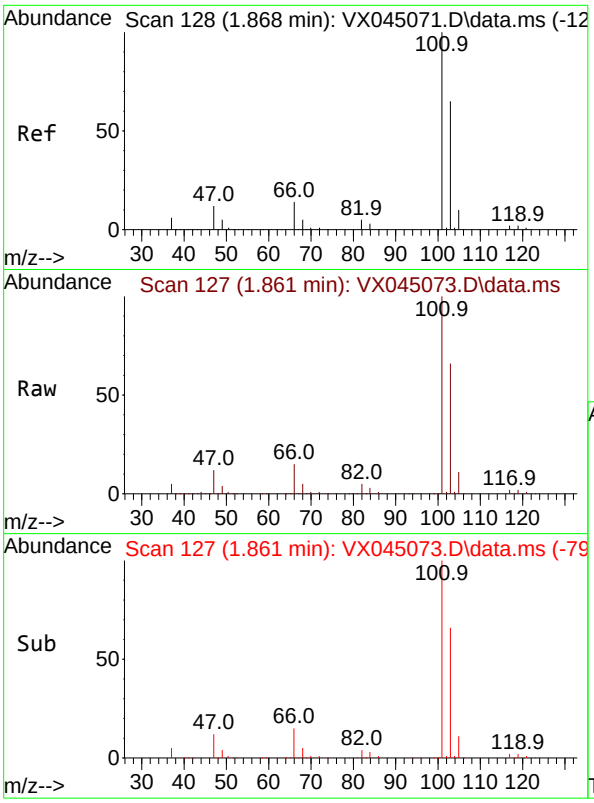


#6
Chloroethane
Concen: 137.509 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 64 Resp: 82101

Ion	Ratio	Lower	Upper
64	100		
66	30.8	26.7	40.1

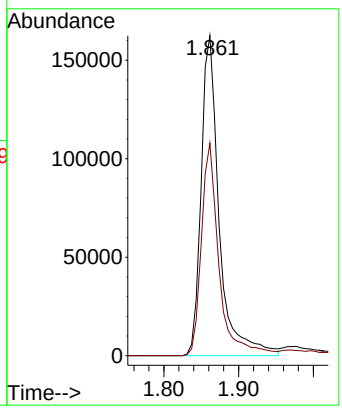




#7
Trichlorofluoromethane
Concen: 135.494 ug/l
RT: 1.861 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion:101 Resp: 27223

Ion	Ratio	Lower	Upper
101	100		
103	66.4	52.1	78.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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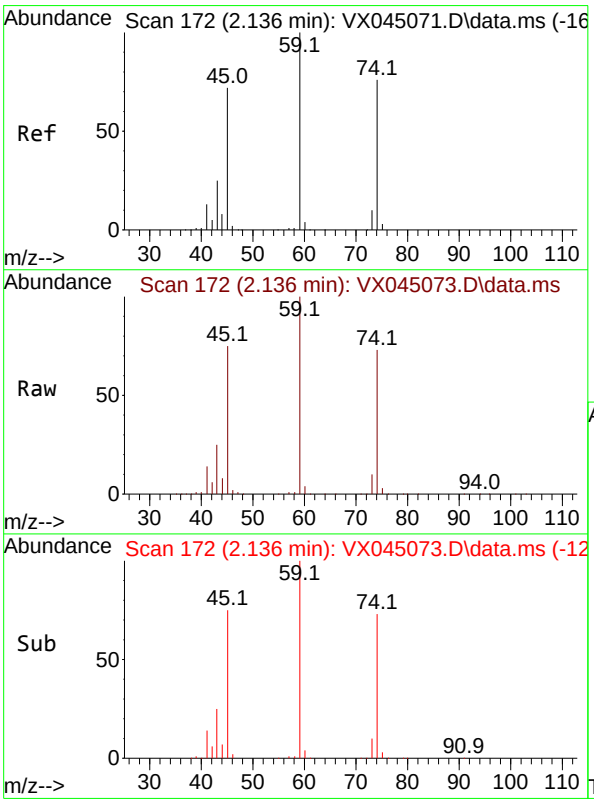
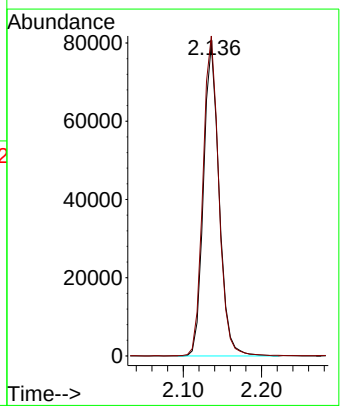
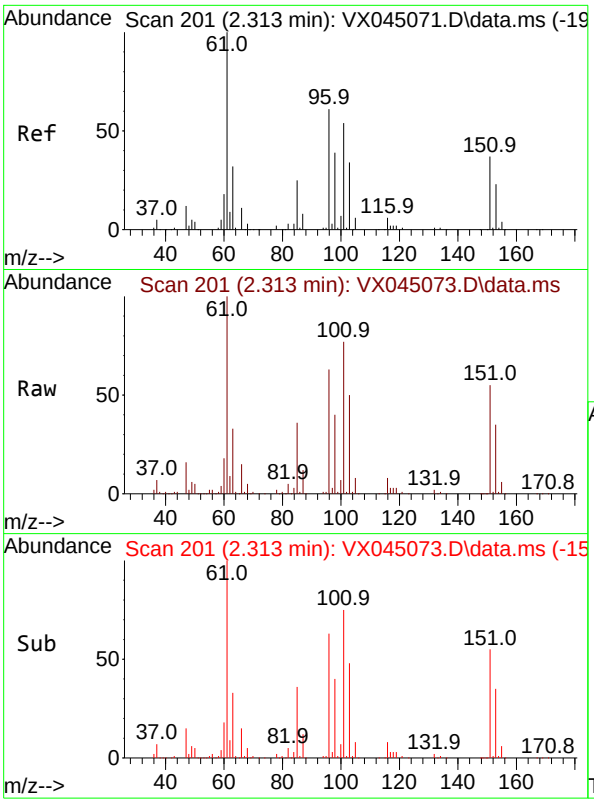


#8
Diethyl Ether
Concen: 150.660 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 74 Resp: 110005

Ion	Ratio	Lower	Upper
74	100		
45	104.9	51.5	154.5

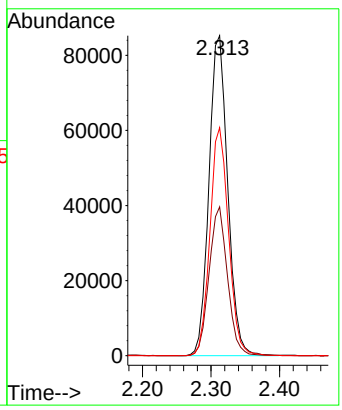




#9
1,1,2-Trichlorotrifluoroethane
Concen: 134.877 ug/l
RT: 2.313 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion:101 Resp: 16182

Ion	Ratio	Lower	Upper
101	100		
85	45.8	36.2	54.4
151	70.8	56.4	84.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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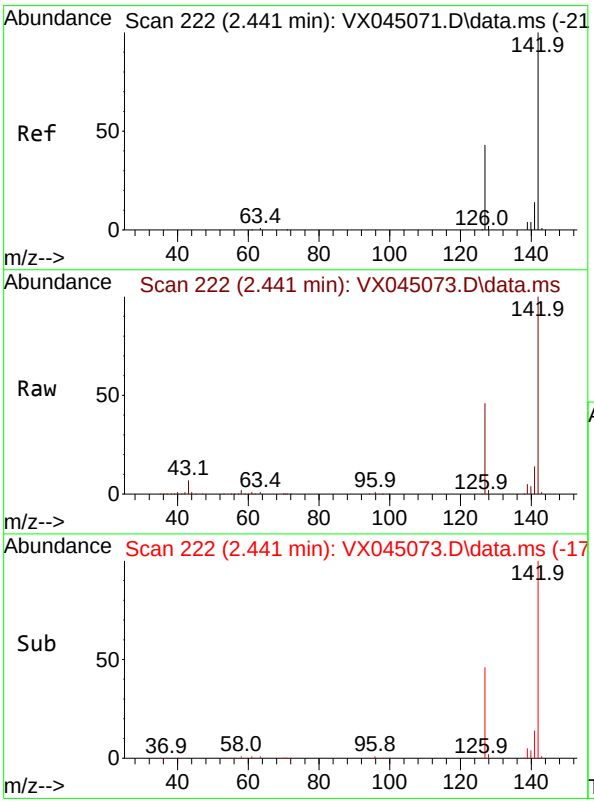
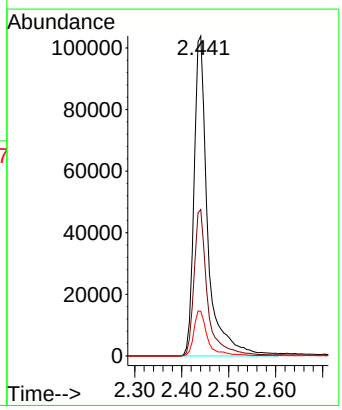
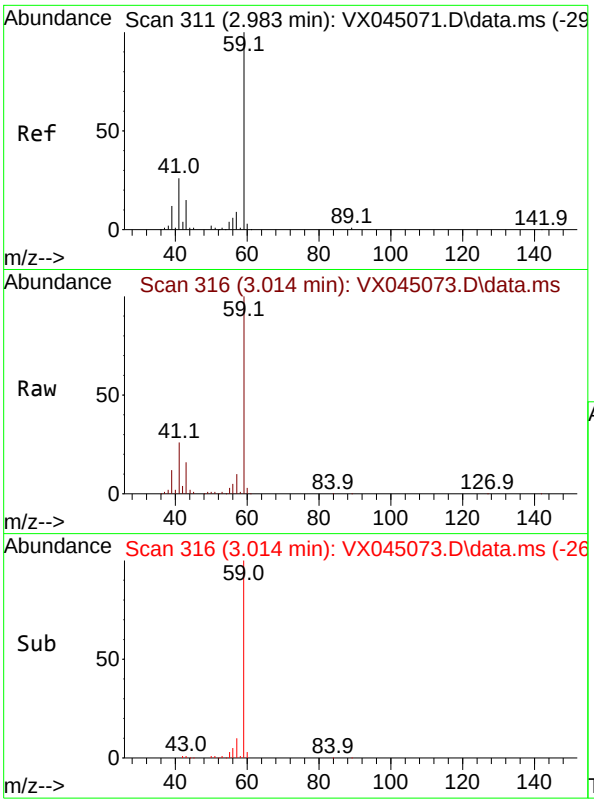


#10
Methyl Iodide
Concen: 138.059 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion:142 Resp: 212355

Ion	Ratio	Lower	Upper
142	100		
127	45.2	35.4	53.2
141	14.3	11.6	17.4





#11
Tert butyl alcohol
Concen: 754.176 ug/l
RT: 3.014 min Scan# 3
Delta R.T. 0.030 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 59 Resp: 19541

Ion	Ratio	Lower	Upper
59	100		
57	10.9	7.8	11.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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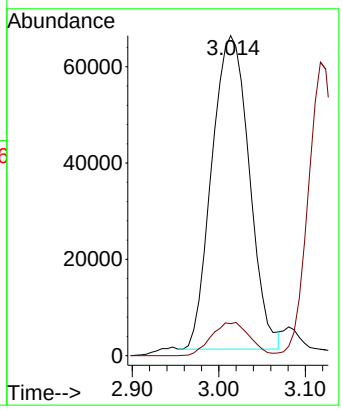
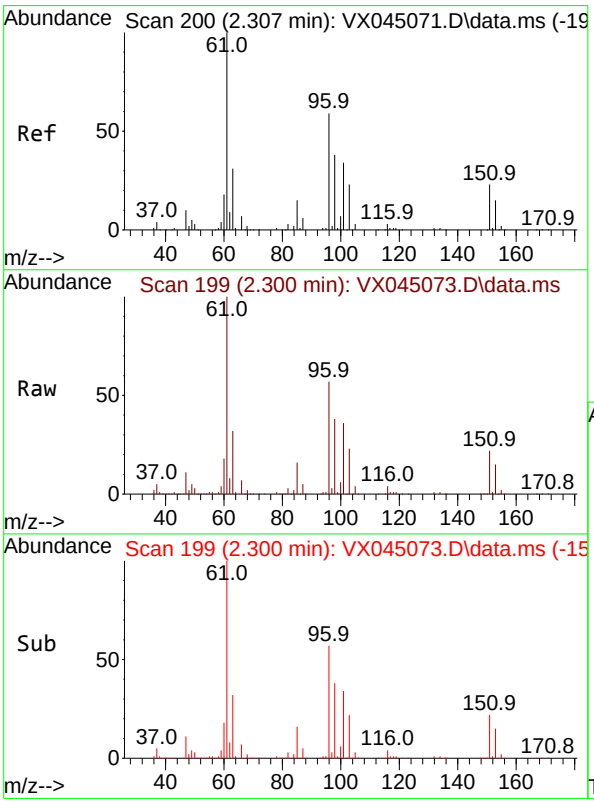
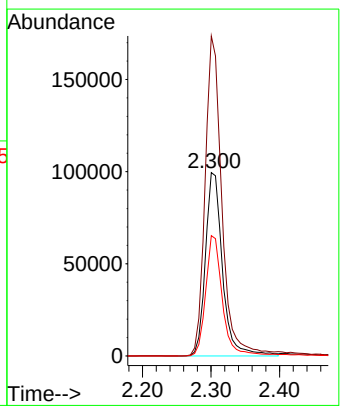


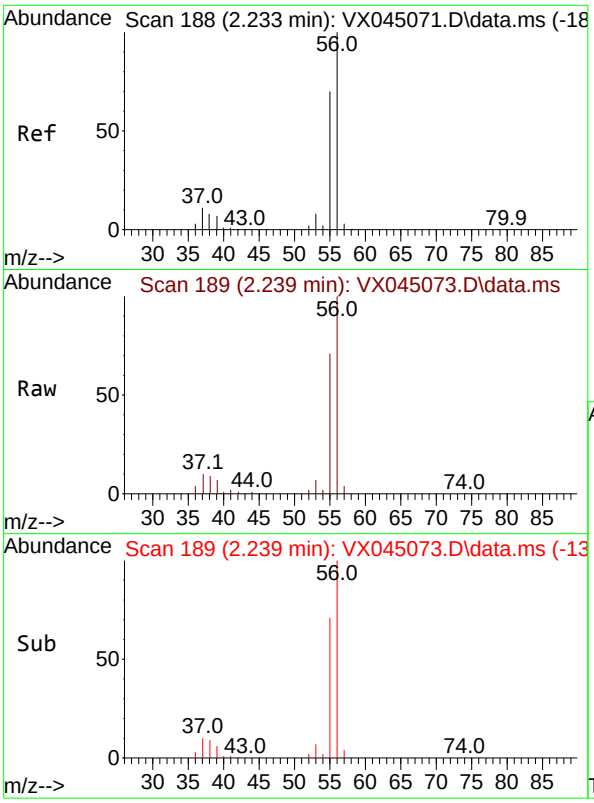


#12
1,1-Dichloroethene
Concen: 140.655 ug/l
RT: 2.300 min Scan# 199
Delta R.T. -0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 96 Resp: 173271

Ion	Ratio	Lower	Upper
96	100		
61	174.5	134.6	202.0
98	65.6	51.0	76.6

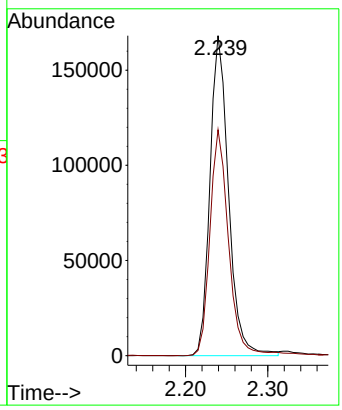




#13
Acrolein
Concen: 940.846 ug/l
RT: 2.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 56 Resp: 26399

Ion	Ratio	Lower	Upper
56	100		
55	71.6	56.2	84.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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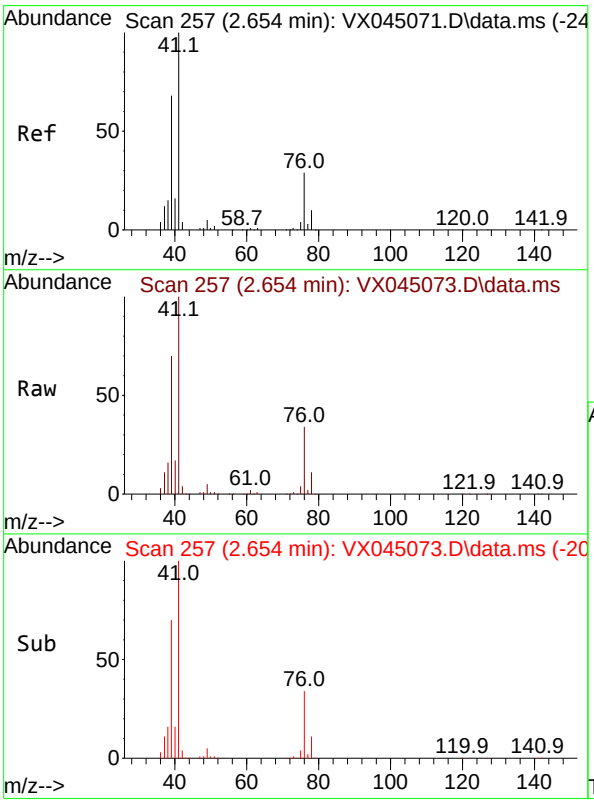
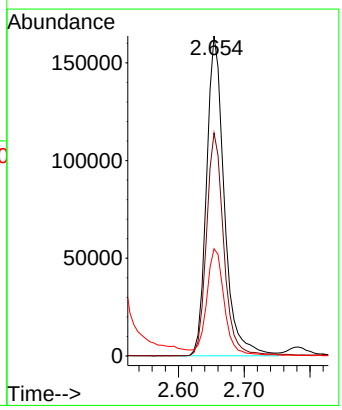
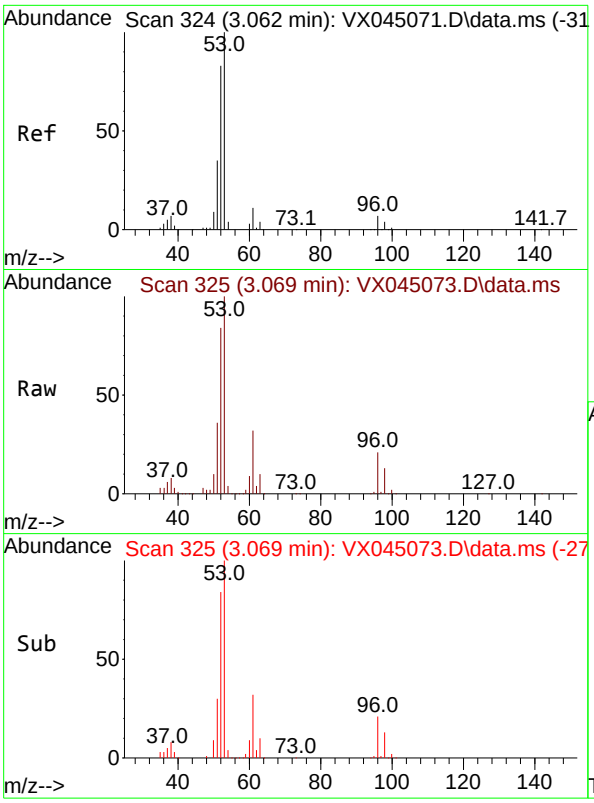


#14
Allyl chloride
Concen: 139.077 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 41 Resp: 308018

Ion	Ratio	Lower	Upper
41	100		
39	67.9	53.8	80.8
76	33.8	25.2	37.8

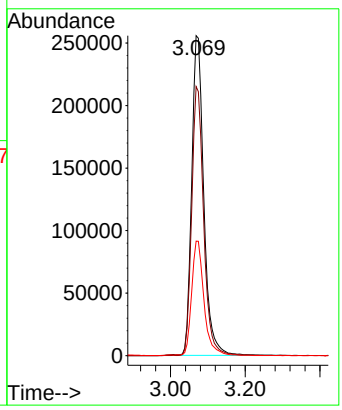




#15
Acrylonitrile
Concen: 813.990 ug/l
RT: 3.069 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 53 Resp: 57320

Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.2	99.2
51	37.0	29.0	43.4



Instrument :
MSVOA_X
ClientSampleId :
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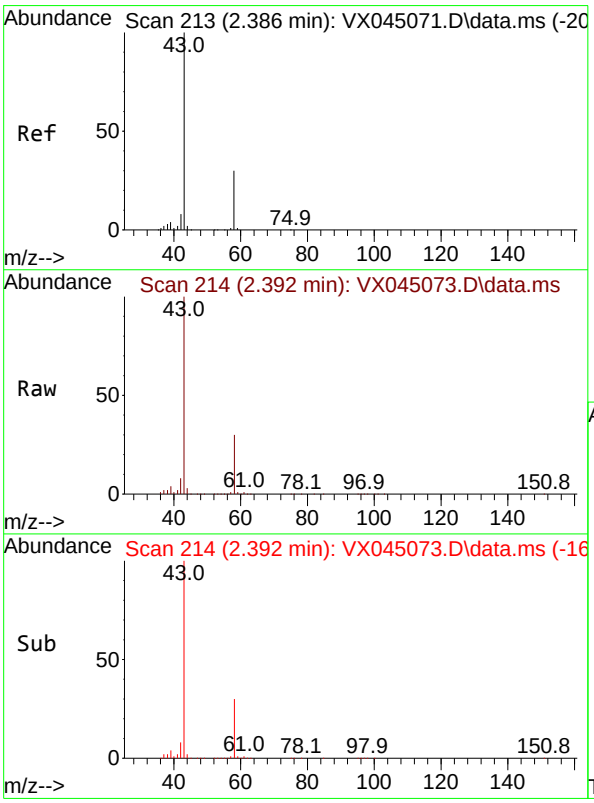
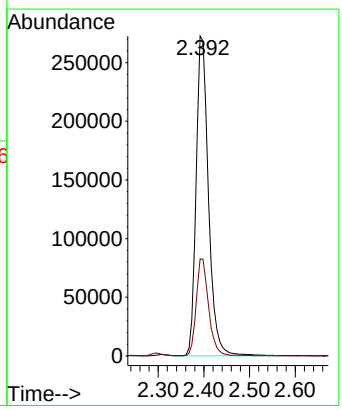
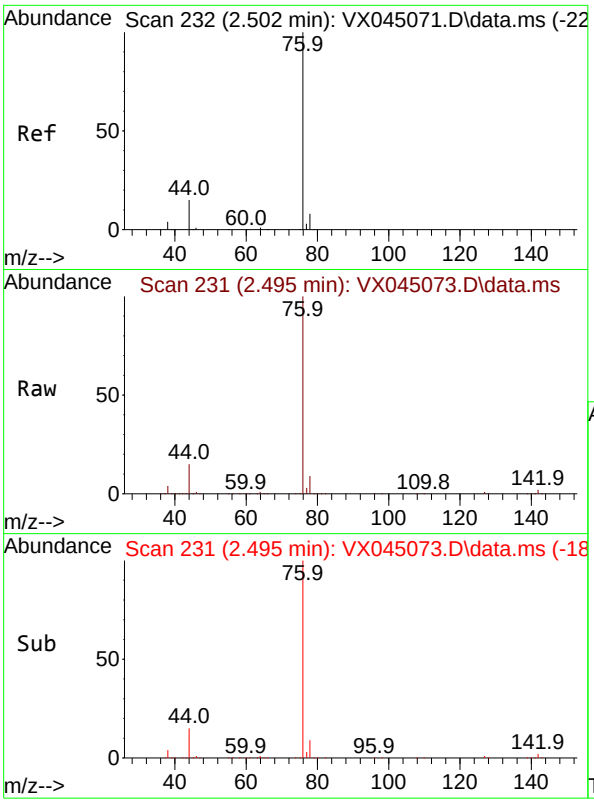


#16
Acetone
Concen: 879.387 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 43 Resp: 511828

Ion	Ratio	Lower	Upper
43	100		
58	30.3	24.2	36.4

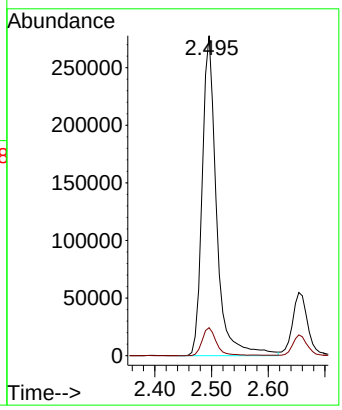




#17
Carbon Disulfide
Concen: 145.511 ug/l
RT: 2.495 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 76 Resp: 48772

Ion	Ratio	Lower	Upper
76	100		
78	8.8	6.6	9.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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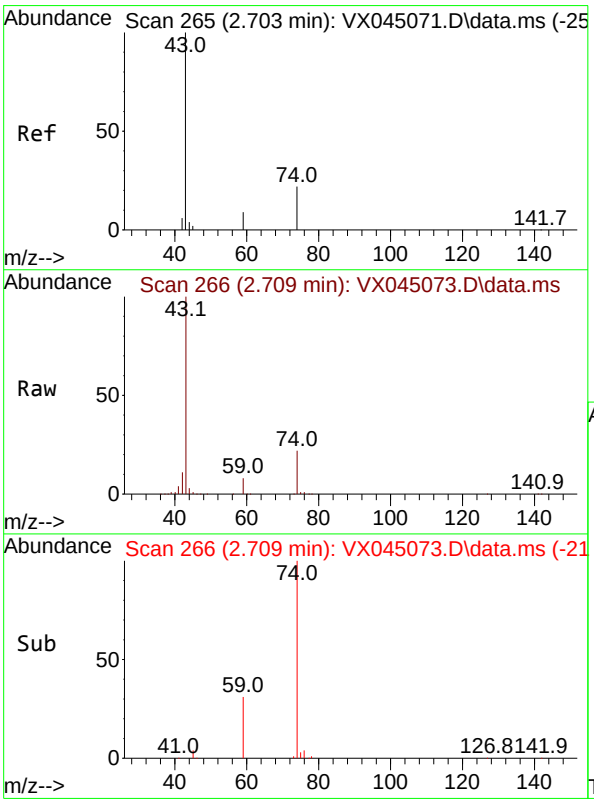
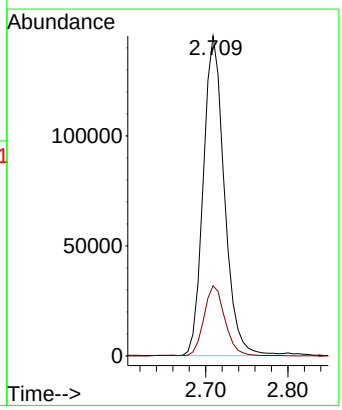
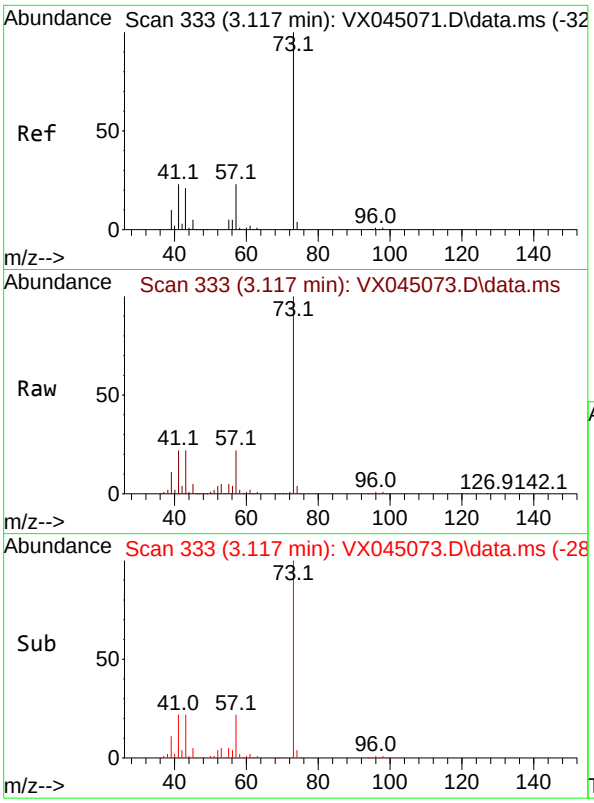


#18
Methyl Acetate
Concen: 147.347 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 43 Resp: 258303

Ion	Ratio	Lower	Upper
43	100		
74	22.0	17.4	26.2

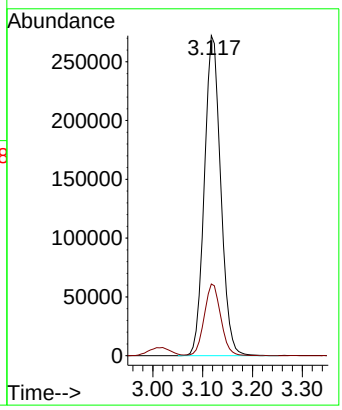




#19
Methyl tert-butyl Ether
Concen: 157.358 ug/l
RT: 3.117 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 73 Resp: 61977

Ion	Ratio	Lower	Upper
73	100		
57	22.4	18.5	27.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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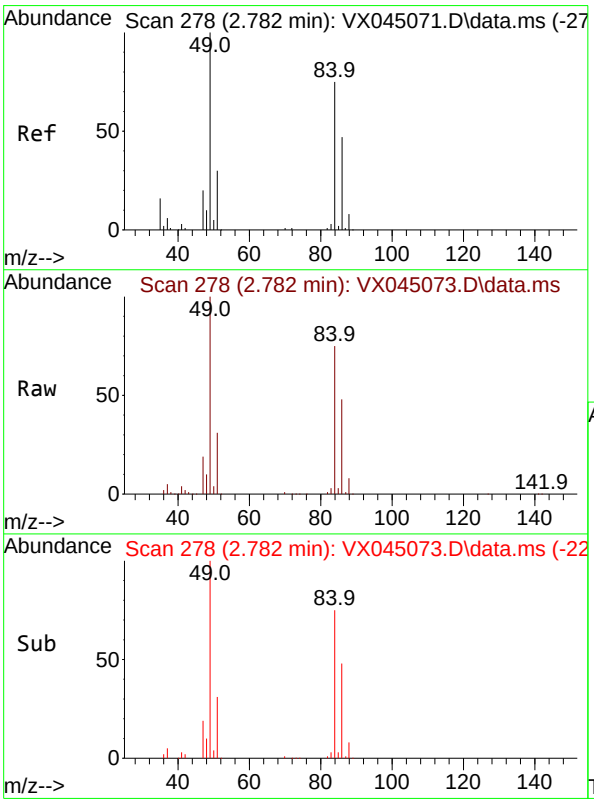
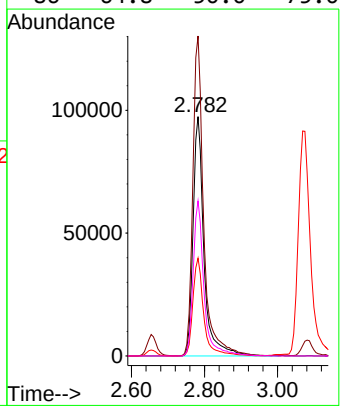
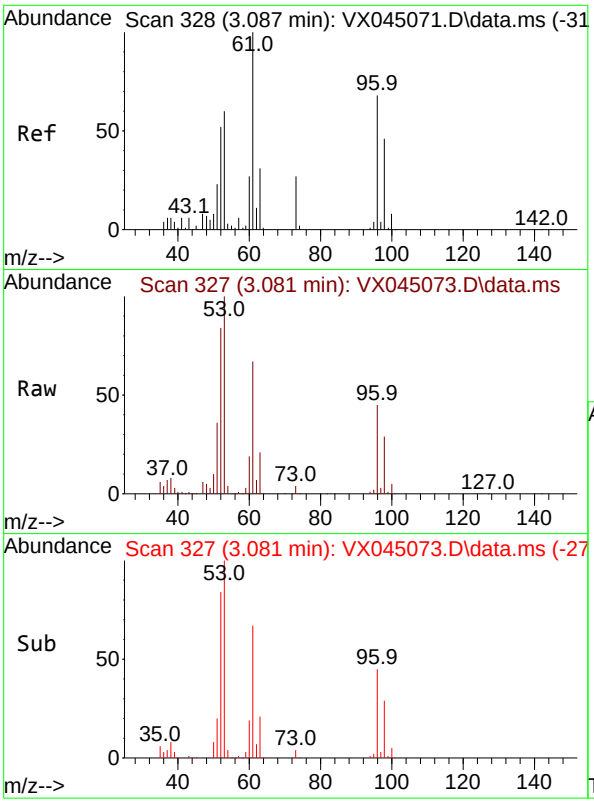


#20
Methylene Chloride
Concen: 147.198 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 84 Resp: 202913

Ion	Ratio	Lower	Upper
84	100		
49	133.6	106.5	159.7
51	40.9	32.1	48.1
86	64.8	50.0	75.0

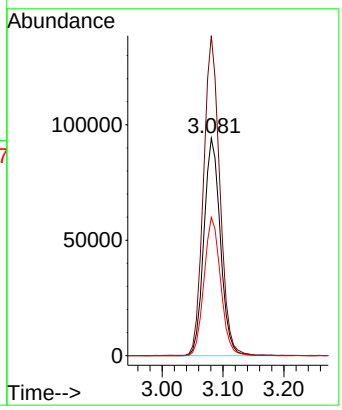




#21
trans-1,2-Dichloroethene
Concen: 146.027 ug/l
RT: 3.081 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 96 Resp: 17692

Ion	Ratio	Lower	Upper
96	100		
61	147.0	117.0	175.4
98	63.6	53.4	80.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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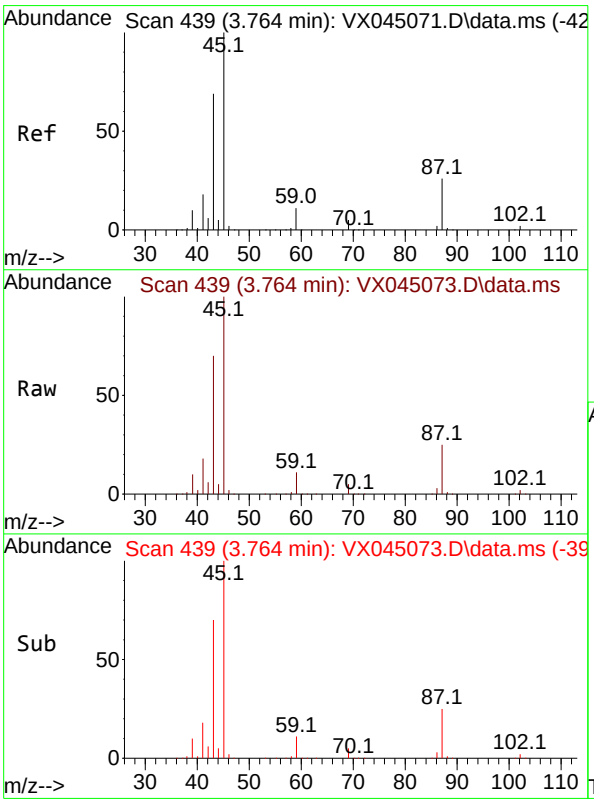
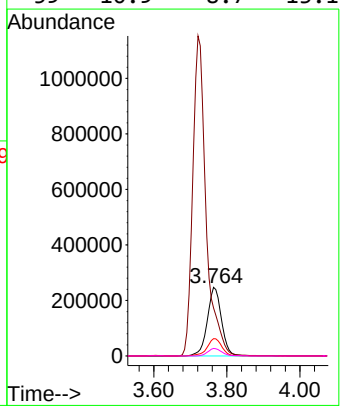
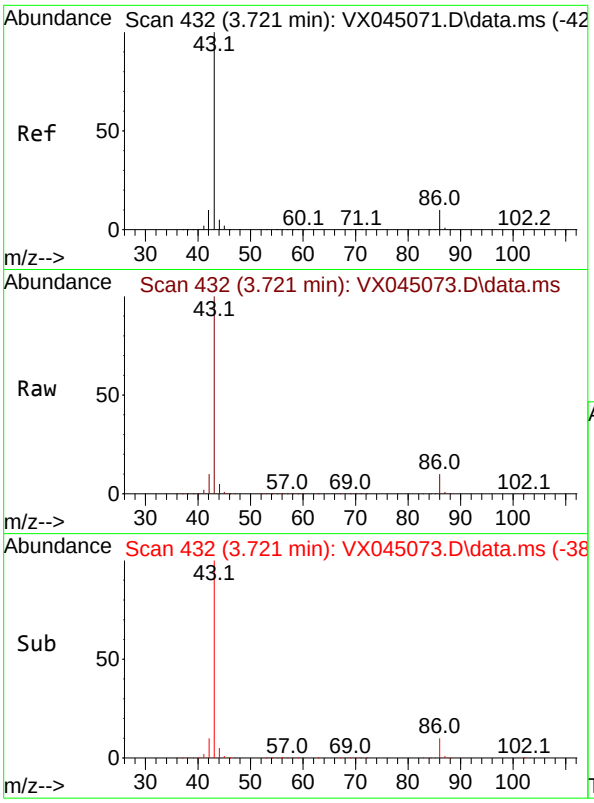


#22
Diisopropyl ether
Concen: 156.526 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 45 Resp: 662828

Ion	Ratio	Lower	Upper
45	100		
43	70.0	54.9	82.3
87	25.2	21.0	31.4
59	10.9	8.7	13.1

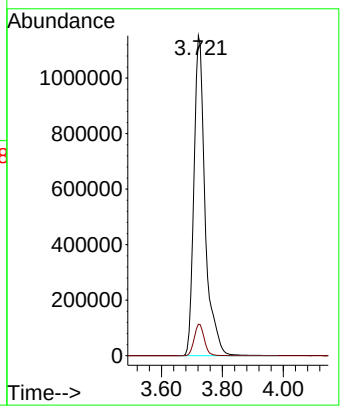




#23
Vinyl Acetate
Concen: 846.586 ug/l
RT: 3.721 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 43 Resp: 294315

Ion	Ratio	Lower	Upper
43	100		
86	9.8	8.1	12.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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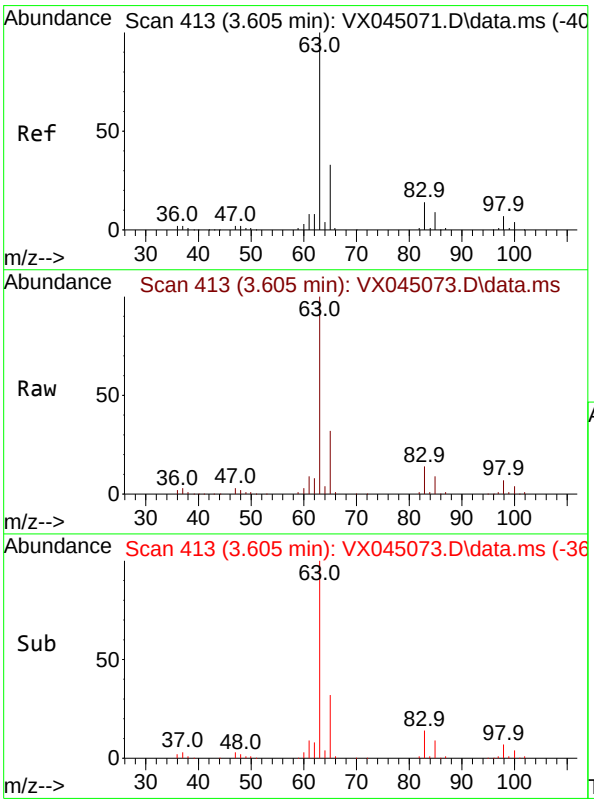
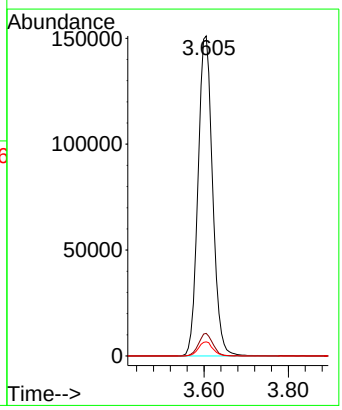
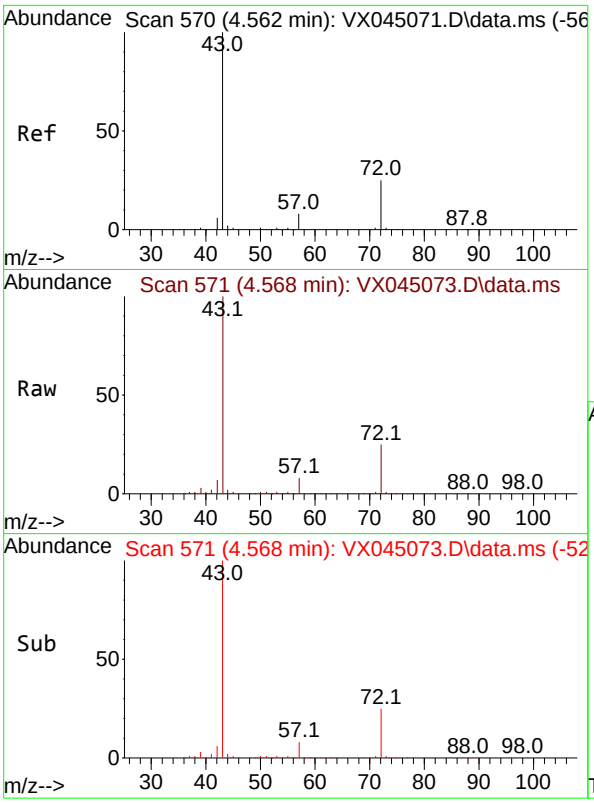


#24
1,1-Dichloroethane
Concen: 153.453 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 63 Resp: 363081

Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.4	10.2
100	4.4	2.1	6.5

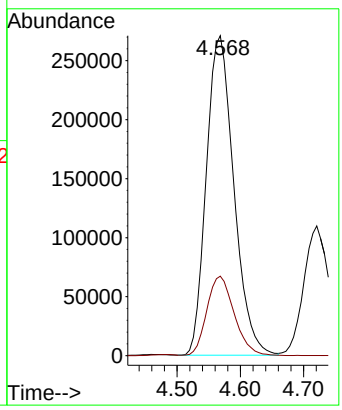




#25
2-Butanone
Concen: 872.239 ug/l
RT: 4.568 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 43 Resp: 81849

Ion	Ratio	Lower	Upper
43	100		
72	24.7	20.0	30.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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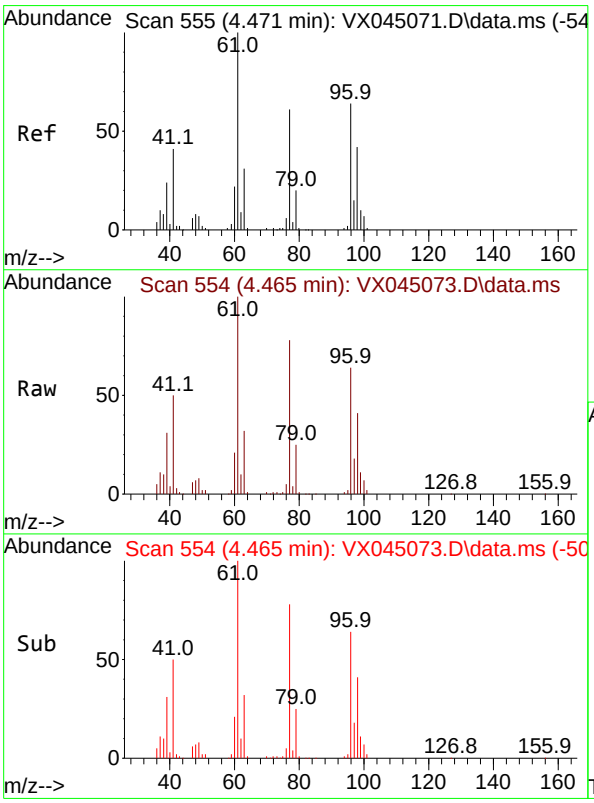
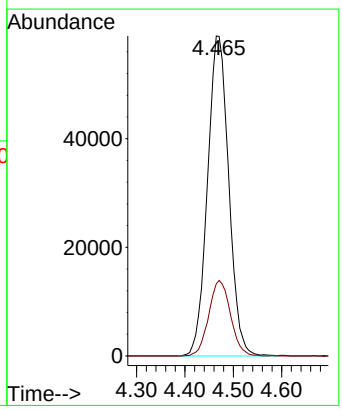
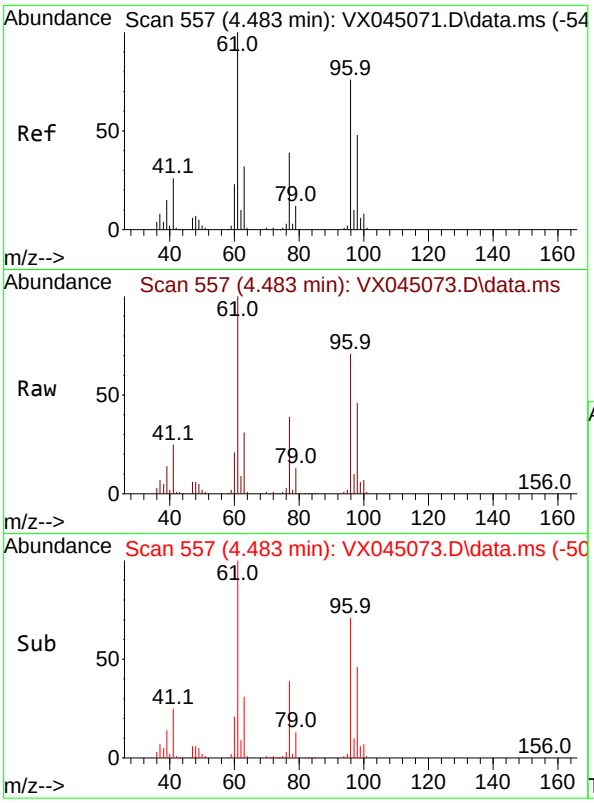


#26
2,2-Dichloropropane
Concen: 102.231 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 77 Resp: 179826

Ion	Ratio	Lower	Upper
77	100		
97	24.1	12.4	37.0

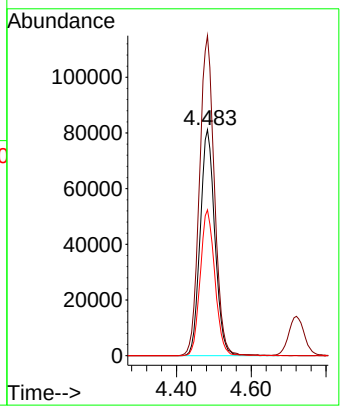




#27
cis-1,2-Dichloroethene
Concen: 151.205 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 96 Resp: 22082

Ion	Ratio	Lower	Upper
96	100		
61	144.2	0.0	283.2
98	64.3	0.0	128.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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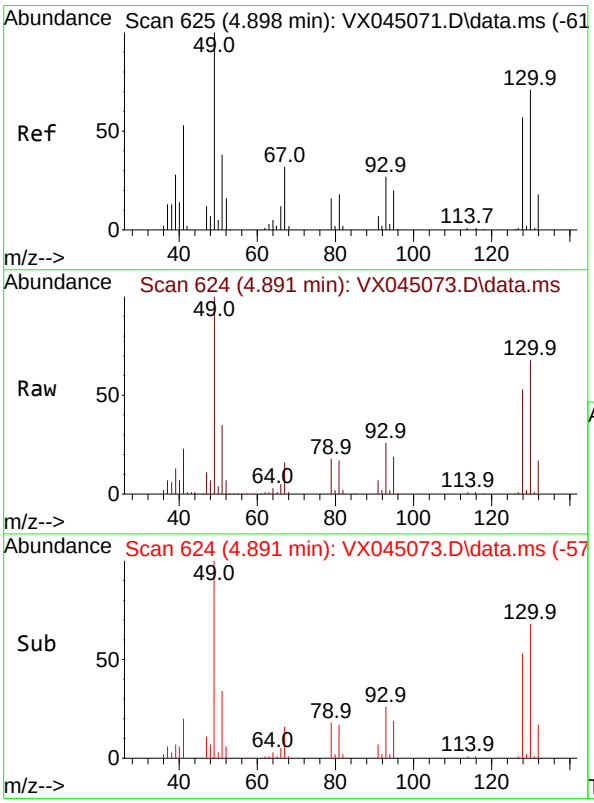
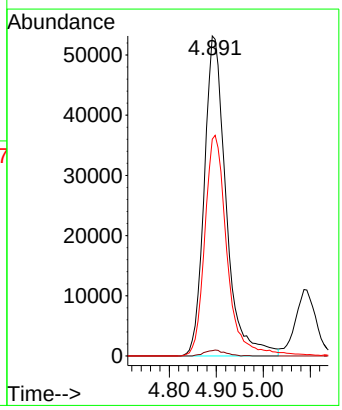
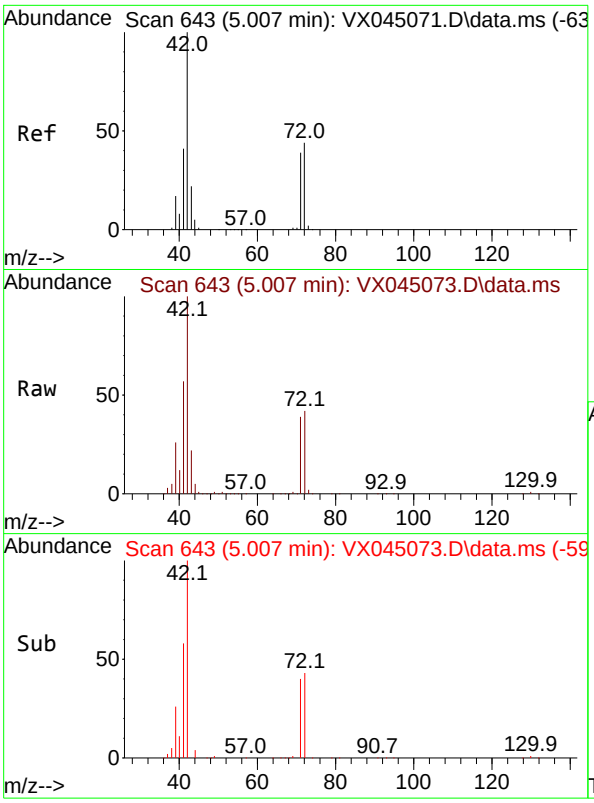


#28
Bromochloromethane
Concen: 150.105 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 49 Resp: 171273

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.4
130	70.3	56.1	84.1





#29
Tetrahydrofuran
Concen: 850.174 ug/l
RT: 5.007 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 42 Resp: 52857

Ion	Ratio	Lower	Upper
42	100		
72	42.8	34.1	51.1
71	39.7	31.4	47.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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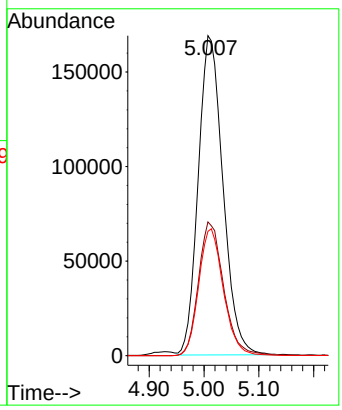
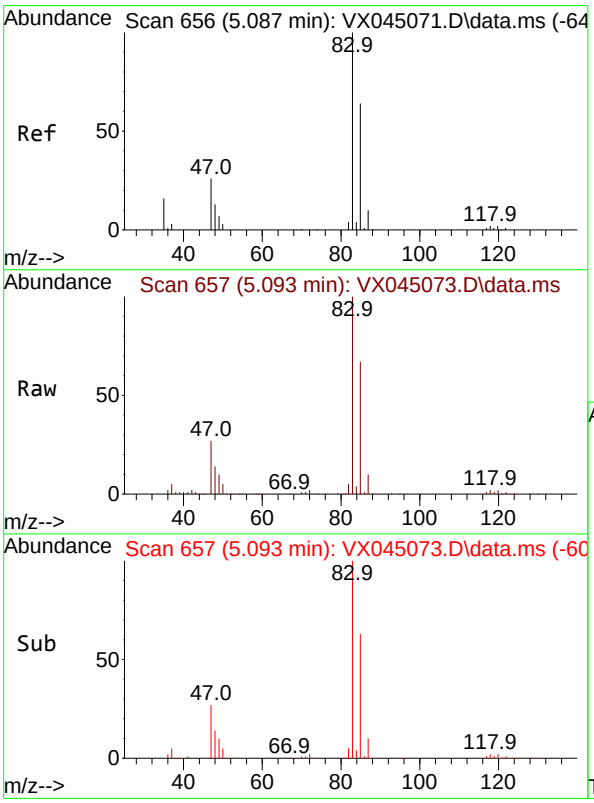
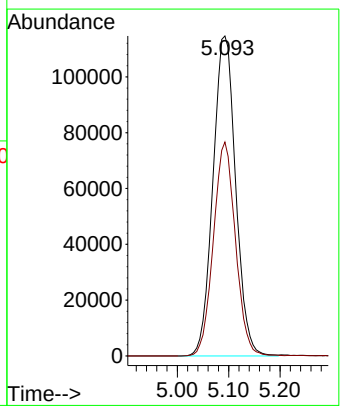


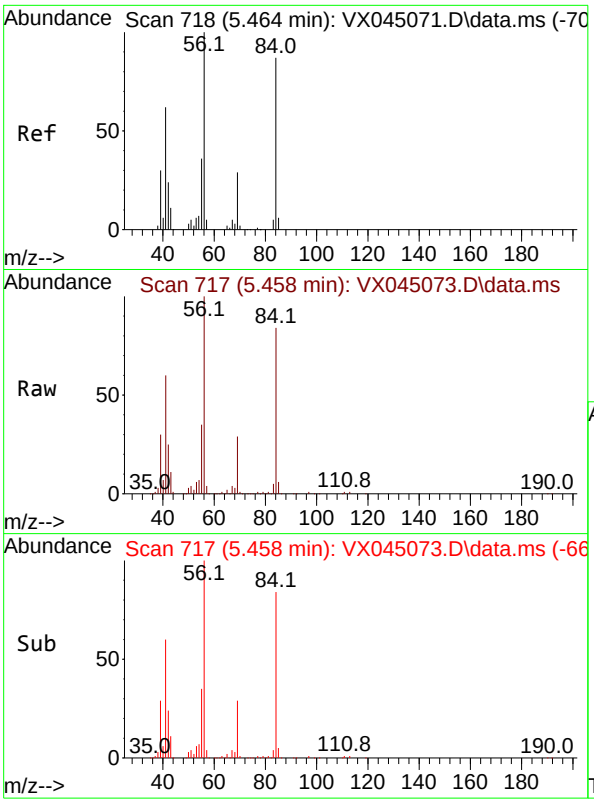


#30
Chloroform
Concen: 152.067 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 83 Resp: 351934

Ion	Ratio	Lower	Upper
83	100		
85	66.9	51.4	77.2

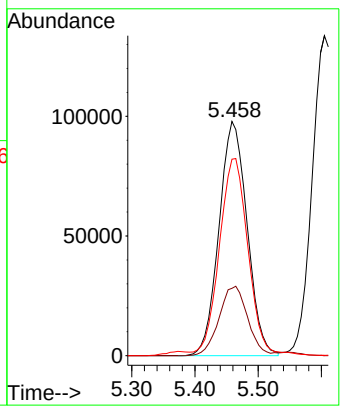




#31
Cyclohexane
Concen: 139.174 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 56 Resp: 30221

Ion	Ratio	Lower	Upper
56	100		
69	28.8	23.4	35.2
84	82.2	69.4	104.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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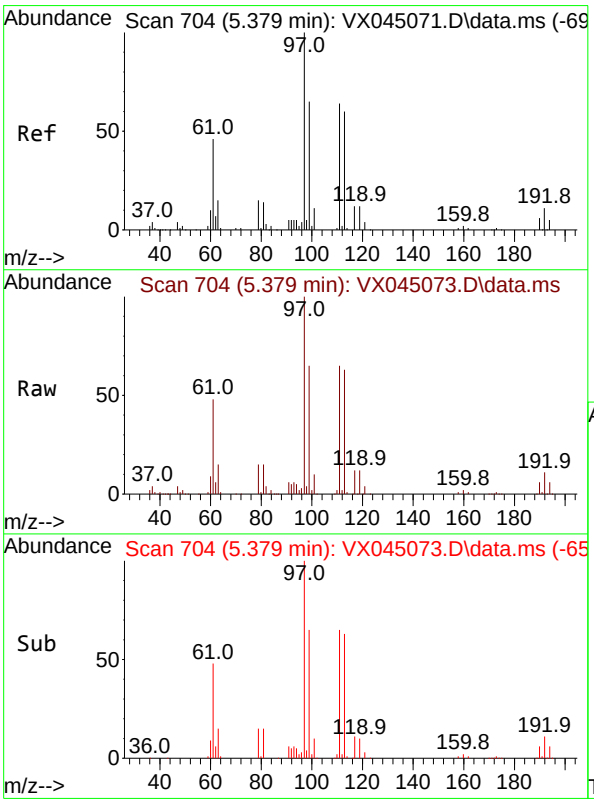
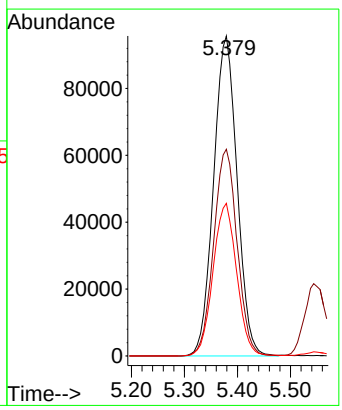
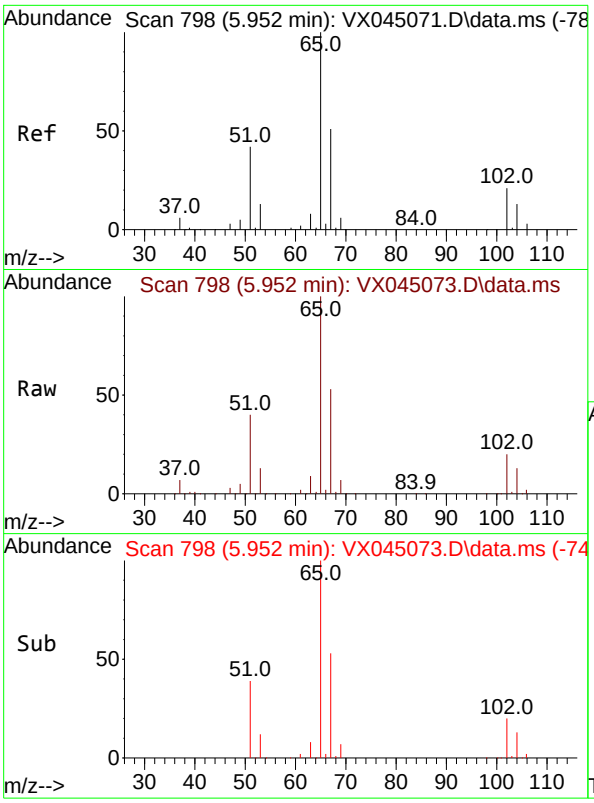


#32
1,1,1-Trichloroethane
Concen: 151.120 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 97 Resp: 294434

Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.6	77.4
61	48.1	38.4	57.6

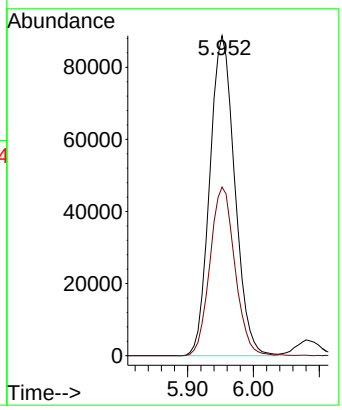




#33
1,2-Dichloroethane-d4
Concen: 165.865 ug/l
RT: 5.952 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 65 Resp: 23462

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	106.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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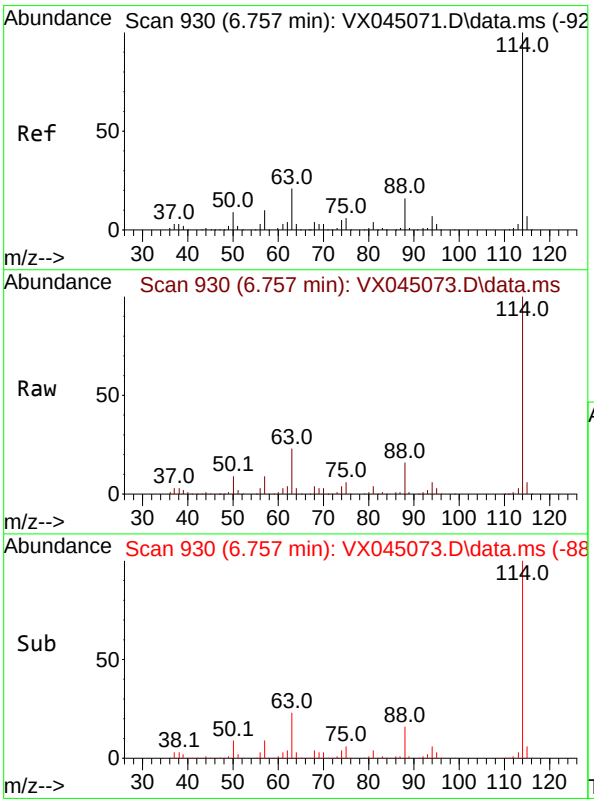
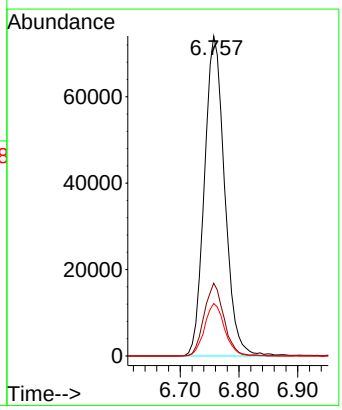
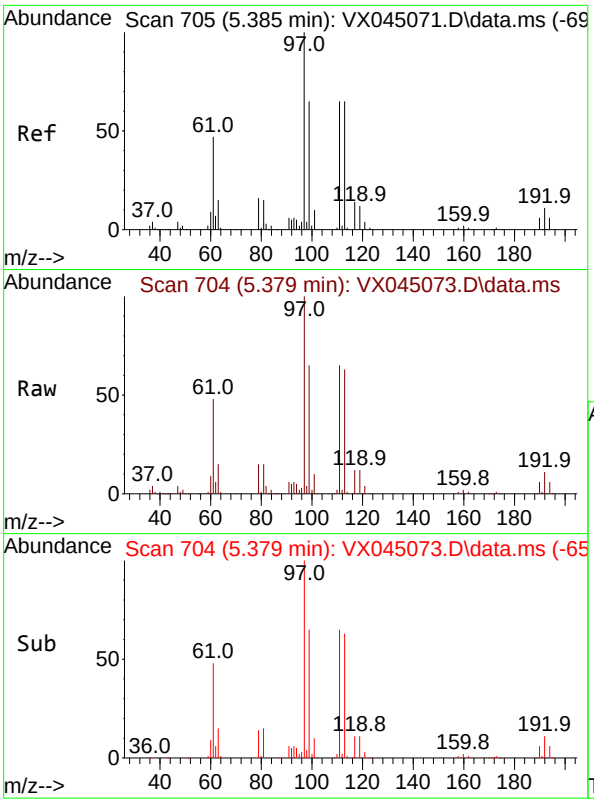


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion:114 Resp: 176991

Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	41.8
88	16.4	0.0	32.8

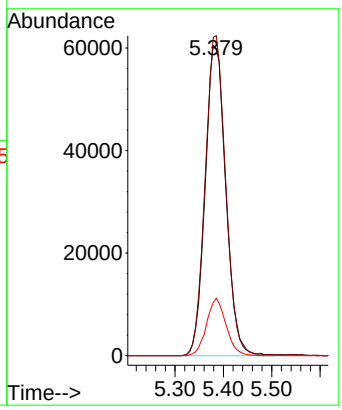




#35
Dibromofluoromethane
Concen: 155.359 ug/l
RT: 5.379 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion:113 Resp: 17972

Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.8	122.6
192	17.5	14.3	21.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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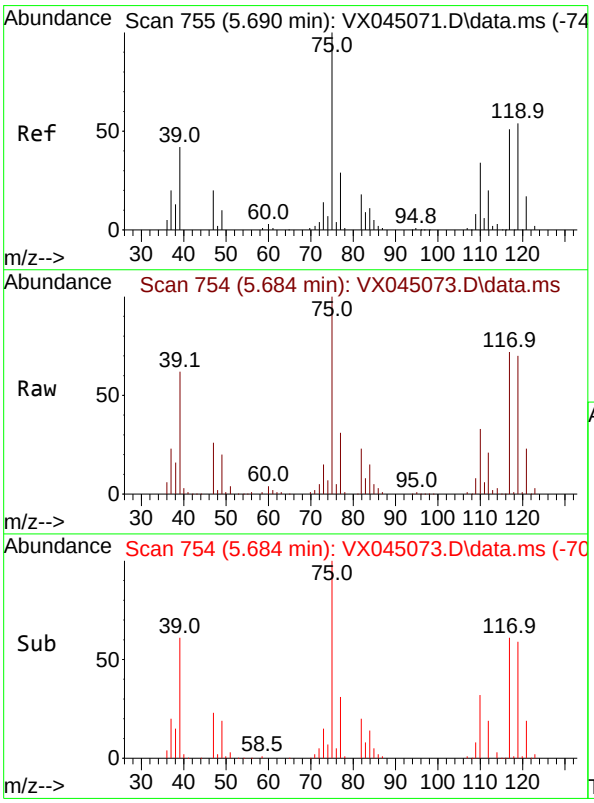
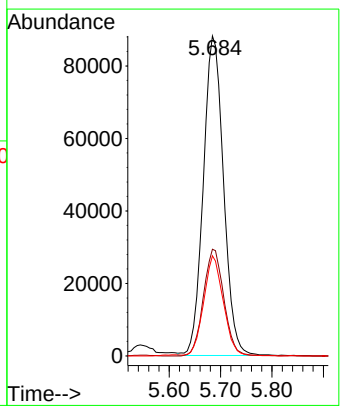
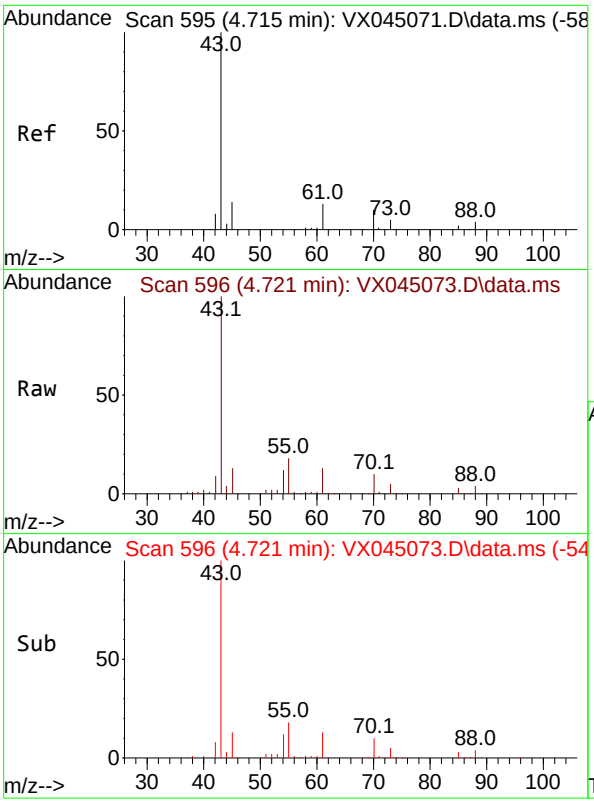


#36
1,1-Dichloropropene
Concen: 145.112 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 75 Resp: 241405

Ion	Ratio	Lower	Upper
75	100		
110	33.7	16.9	50.6
77	30.5	24.5	36.7

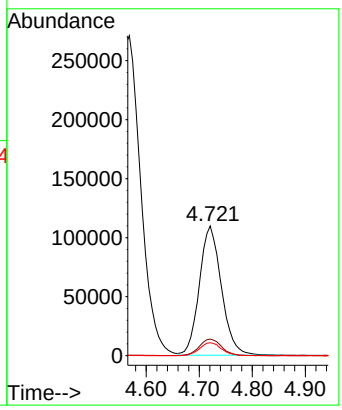




#37
Ethyl Acetate
Concen: 167.067 ug/l
RT: 4.721 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 43 Resp: 31625

Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.8	16.2
70	10.1	7.7	11.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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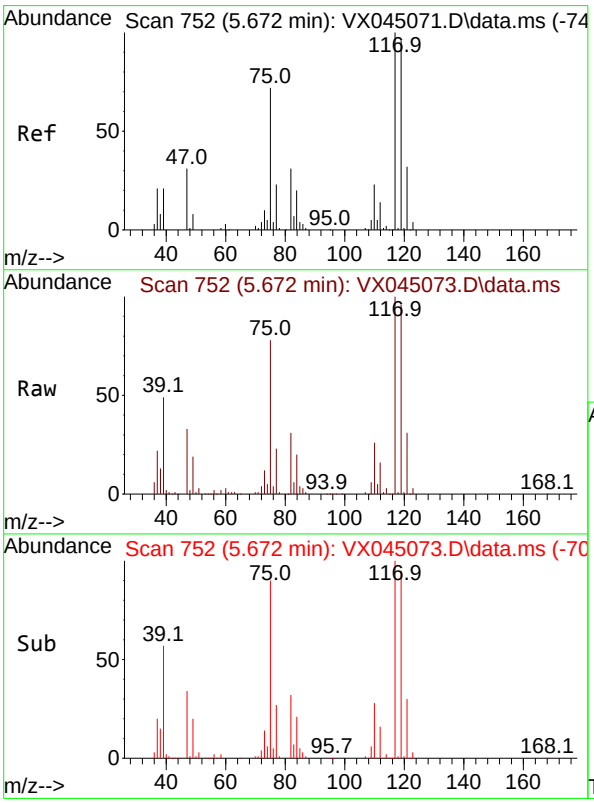
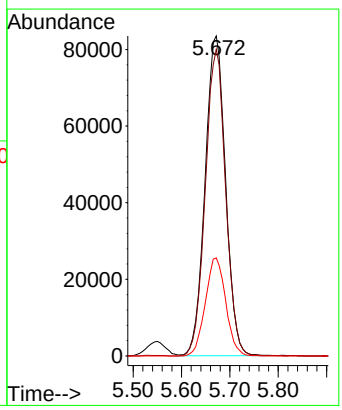
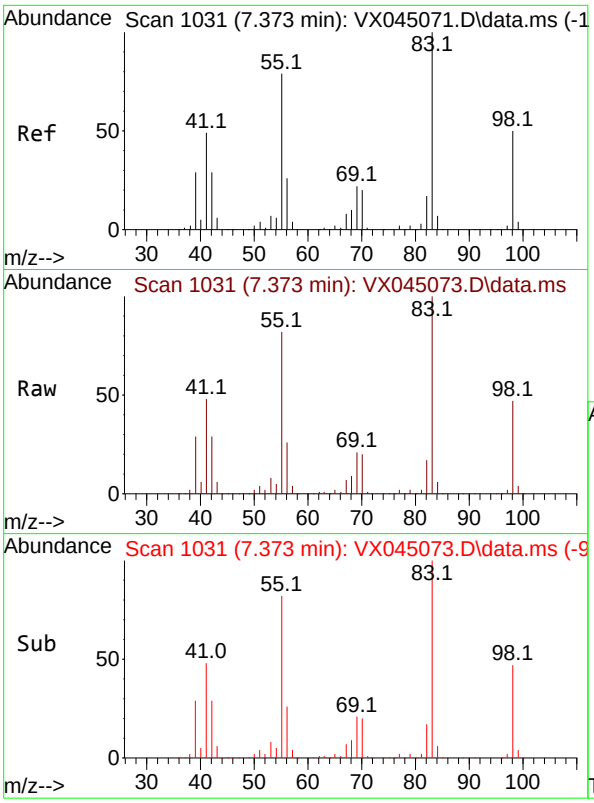


#38
Carbon Tetrachloride
Concen: 150.363 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion:117 Resp: 245917

Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.7	115.1
121	30.7	25.5	38.3

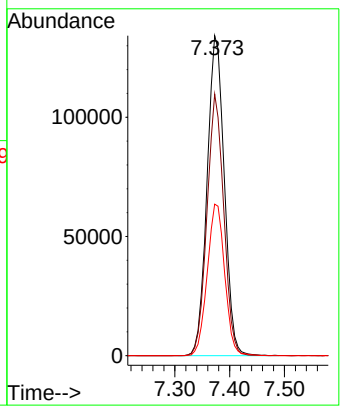




#39
Methylcyclohexane
Concen: 137.544 ug/l
RT: 7.373 min Scan# 1(
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 83 Resp: 29221(

Ion	Ratio	Lower	Upper
83	100		
55	81.7	63.0	94.4
98	47.4	39.7	59.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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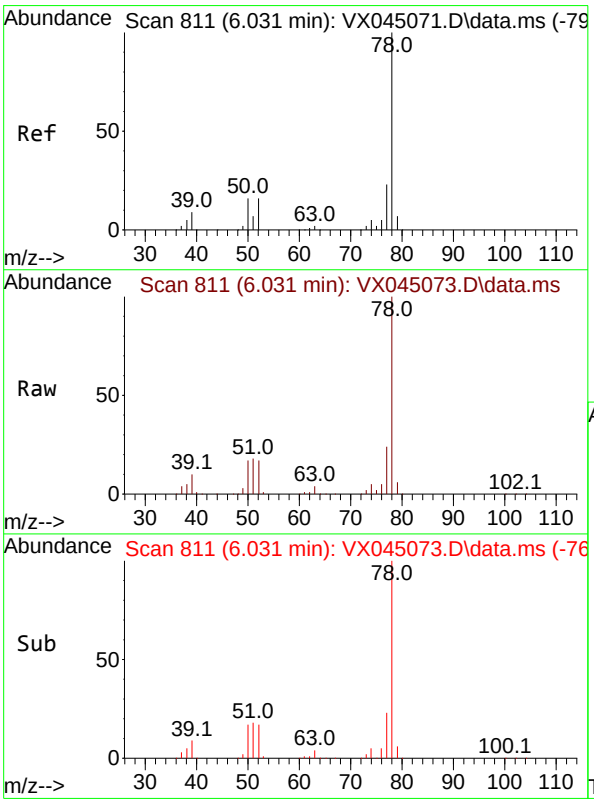
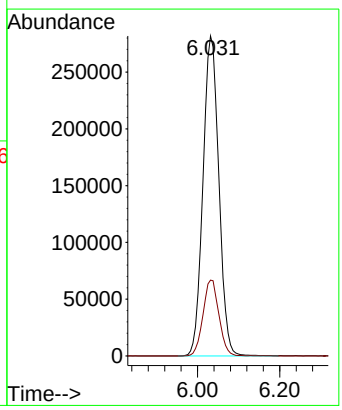
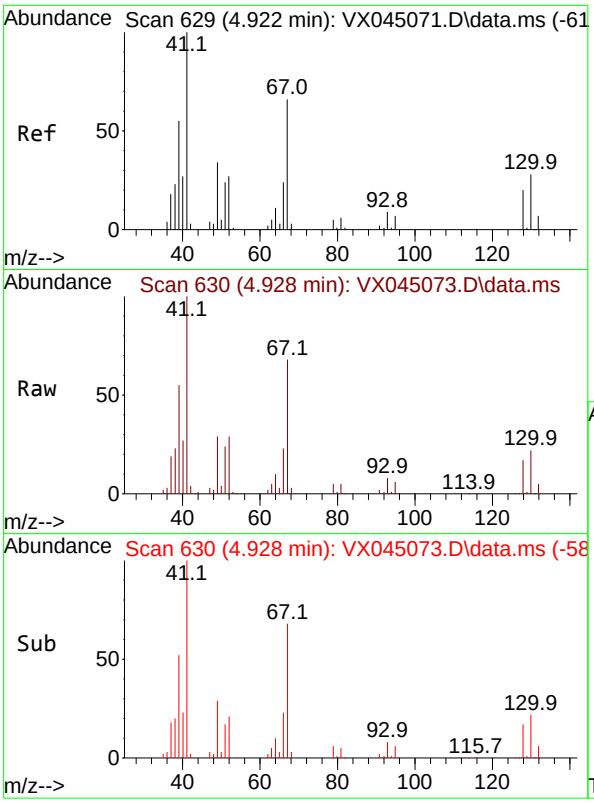


#40
Benzene
Concen: 145.368 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 78 Resp: 755854

Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.8	28.2

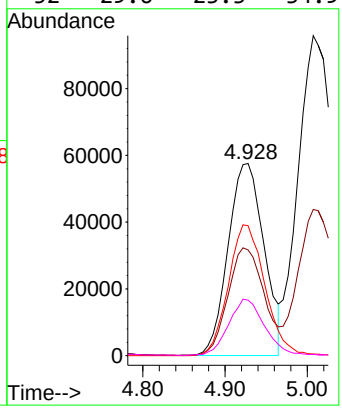




#41
Methacrylonitrile
Concen: 173.088 ug/l
RT: 4.928 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 41 Resp: 17502

Ion	Ratio	Lower	Upper
41	100		
39	55.9	44.6	67.0
67	69.5	53.9	80.9
52	29.6	23.3	34.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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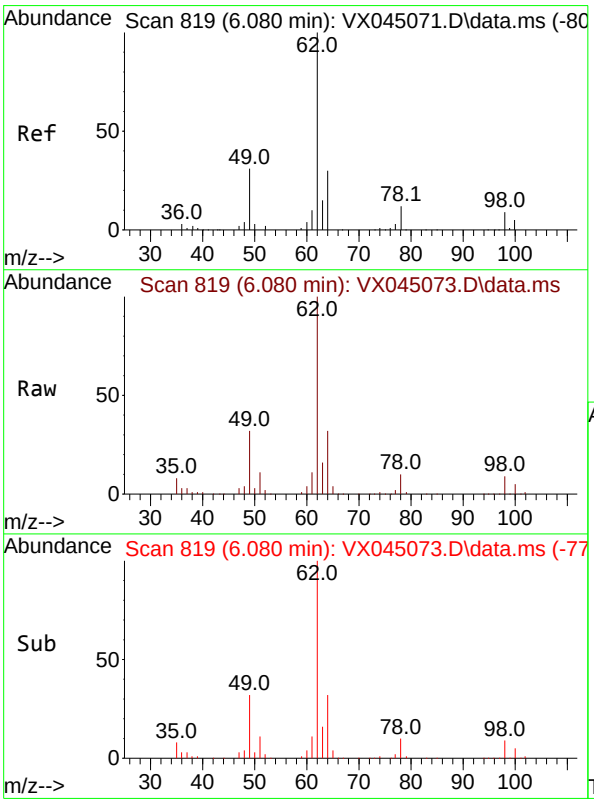
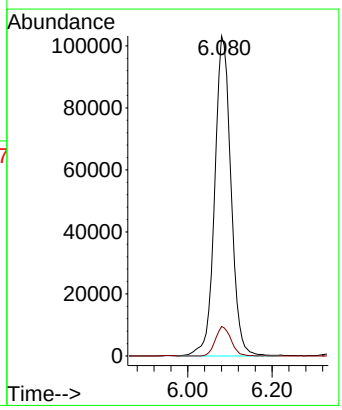
Supervised By :Mahesh Dadoda 02/28/2025

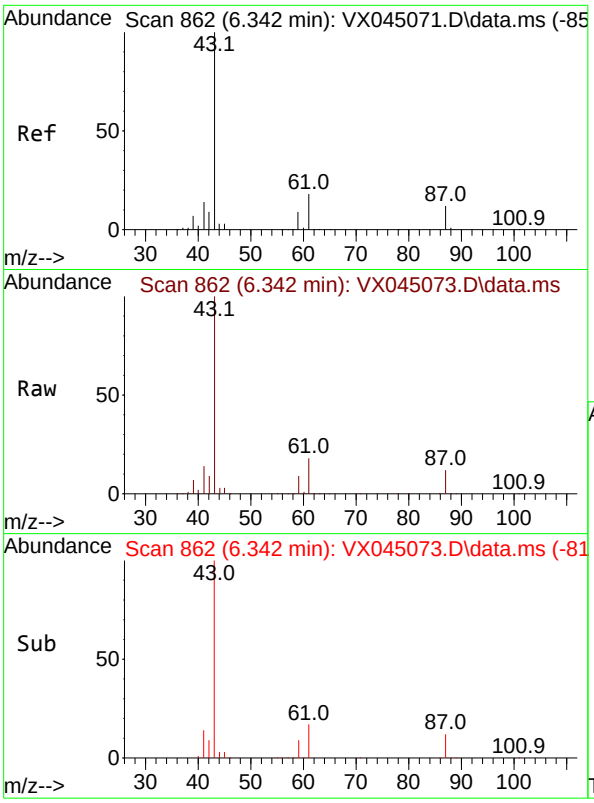


#42
1,2-Dichloroethane
Concen: 163.872 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 62 Resp: 276129

Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	18.2

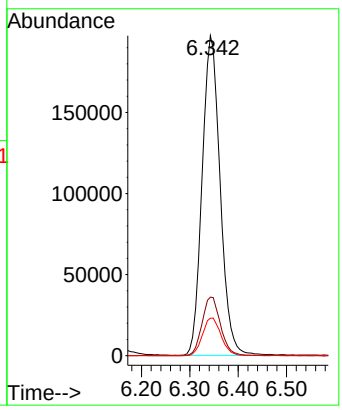




#43
Isopropyl Acetate
Concen: 169.804 ug/l
RT: 6.342 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 43 Resp: 51164

Ion	Ratio	Lower	Upper
43	100		
61	18.7	14.9	22.3
87	12.1	9.4	14.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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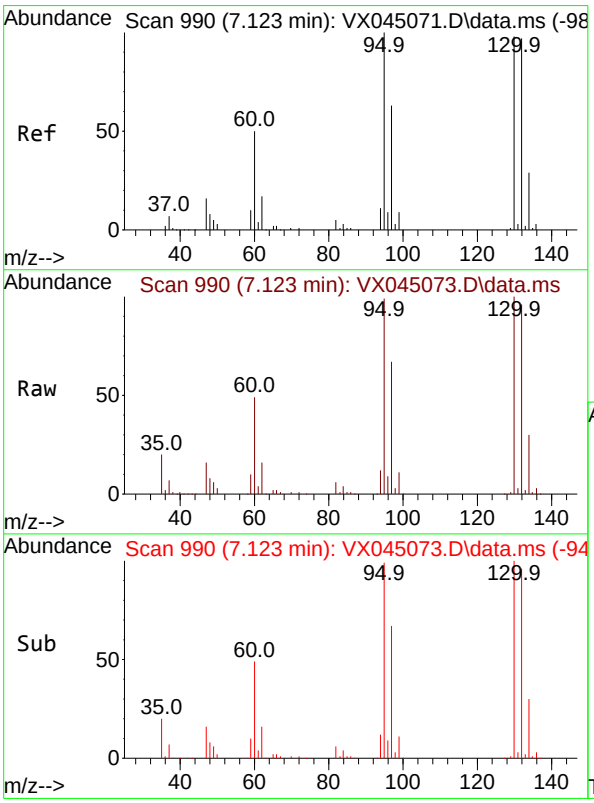
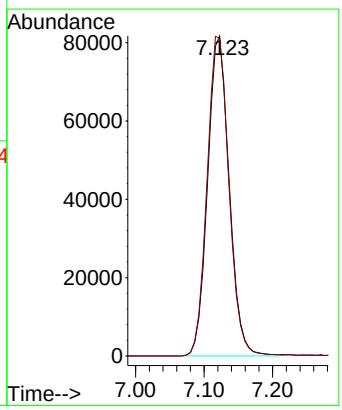
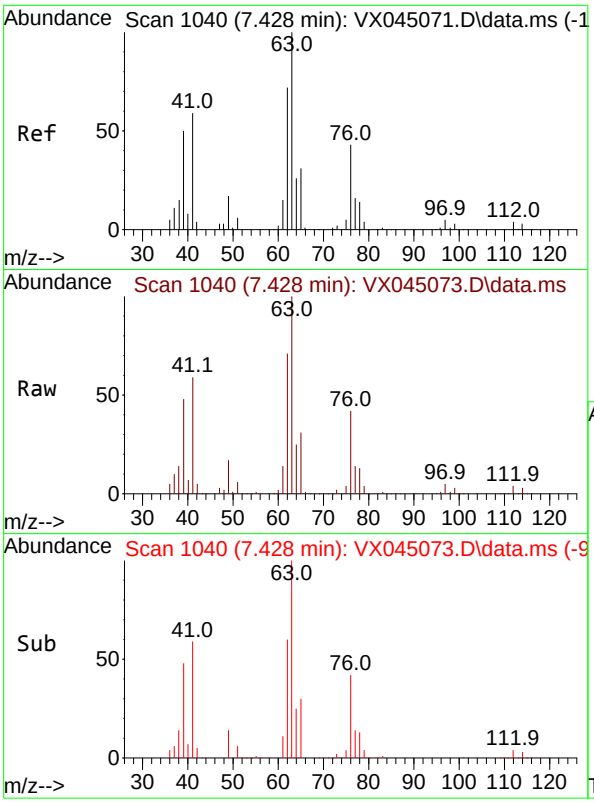


#44
Trichloroethene
Concen: 150.181 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion:130 Resp: 178483

Ion	Ratio	Lower	Upper
130	100		
95	99.3	0.0	205.0

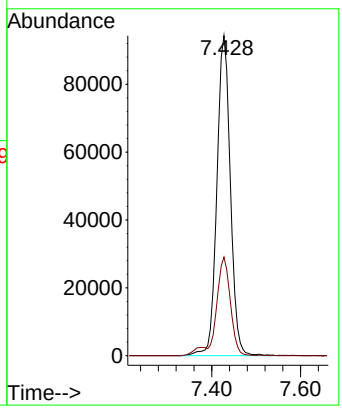




#45
1,2-Dichloropropane
Concen: 153.334 ug/l
RT: 7.428 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 63 Resp: 19813

Ion	Ratio	Lower	Upper
63	100		
65	30.8	24.7	37.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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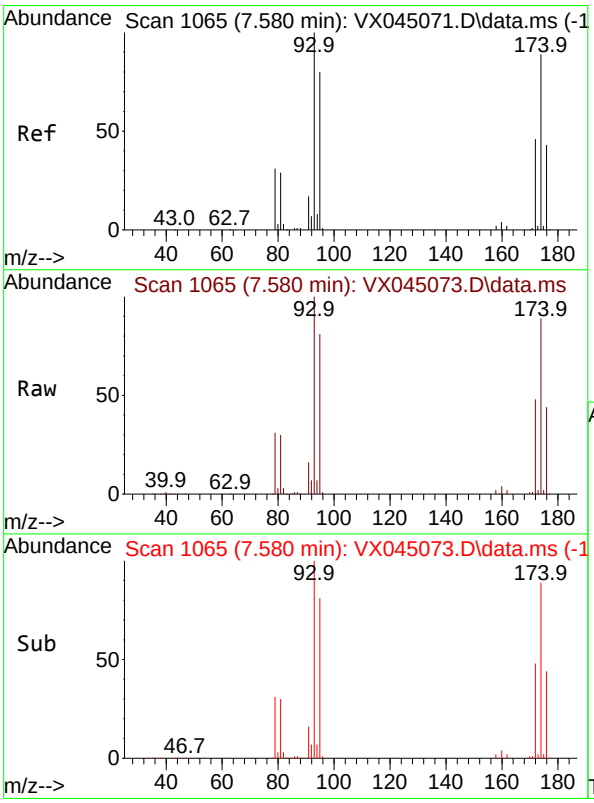
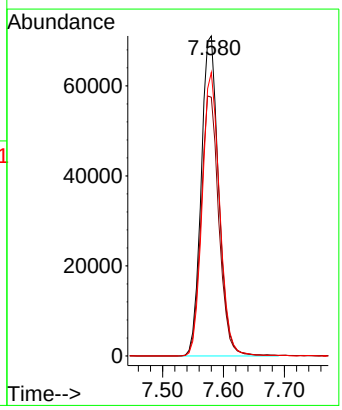
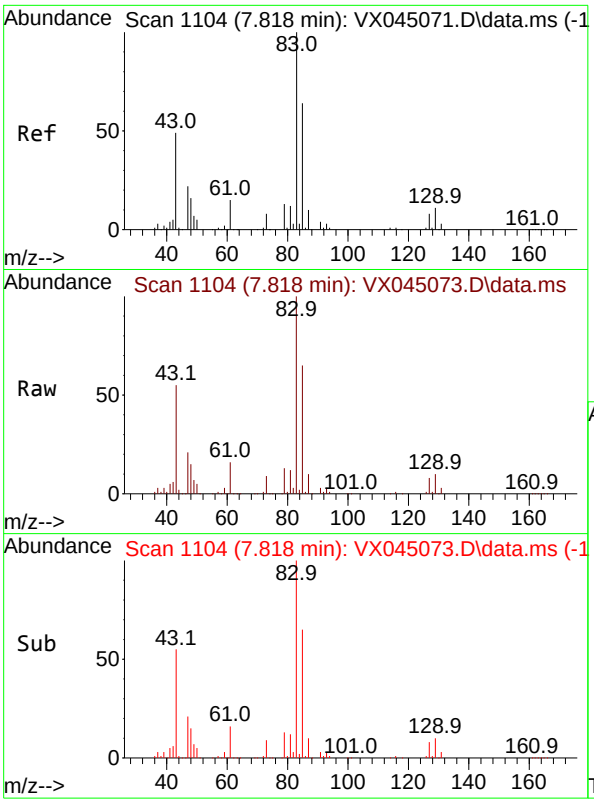


#46
Dibromomethane
Concen: 157.443 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 93 Resp: 142119

Ion	Ratio	Lower	Upper
93	100		
95	82.6	65.8	98.8
174	88.2	72.2	108.2

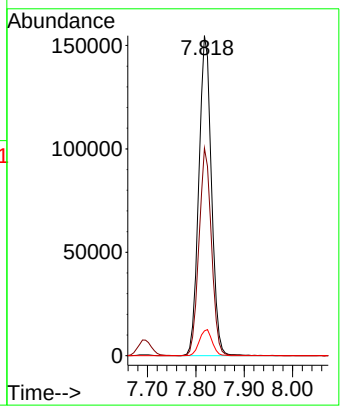




#47
Bromodichloromethane
Concen: 160.492 ug/l
RT: 7.818 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 83 Resp: 28025

Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.1	76.7
127	7.8	6.4	9.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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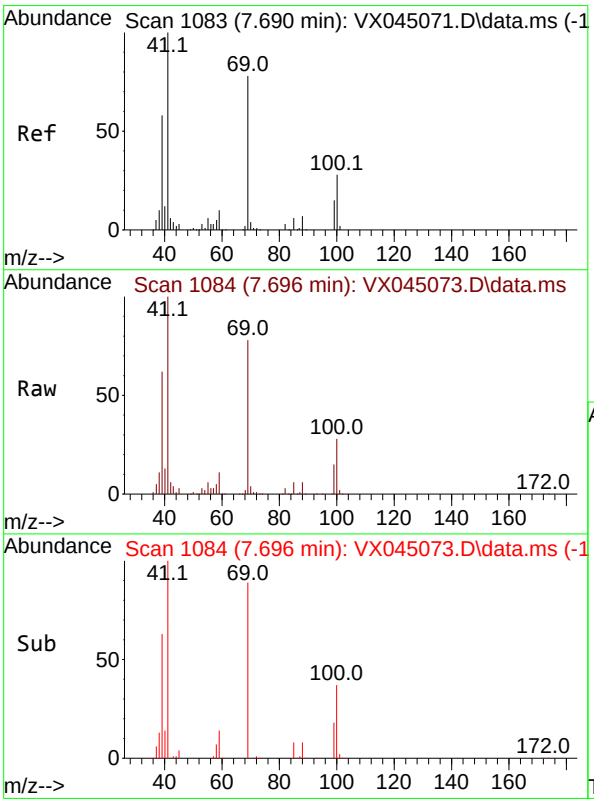
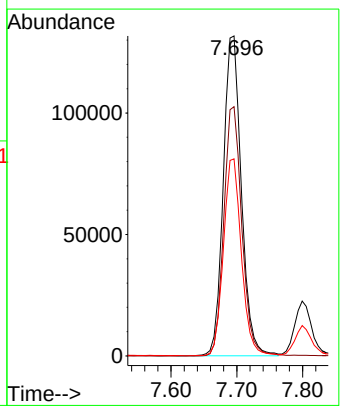
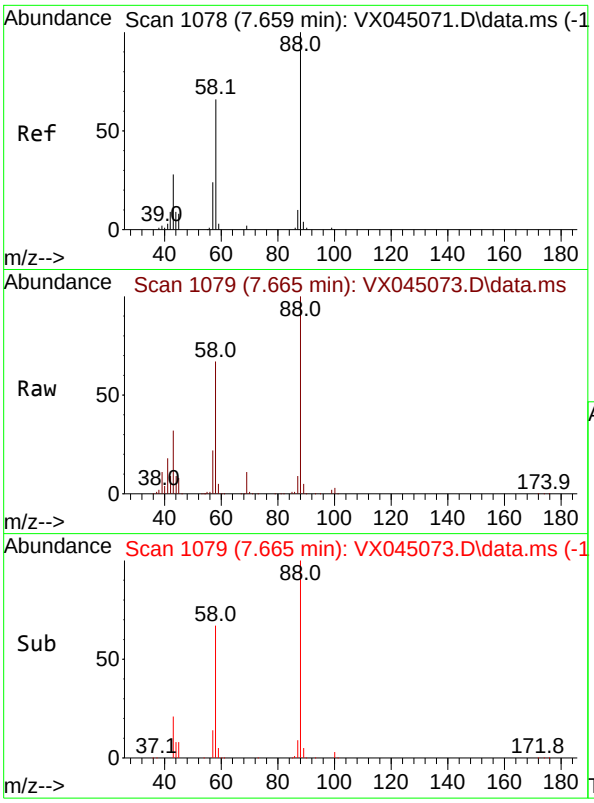


#48
Methyl methacrylate
Concen: 176.370 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 41 Resp: 252275

Ion	Ratio	Lower	Upper
41	100		
69	78.1	63.0	94.6
39	61.1	47.5	71.3

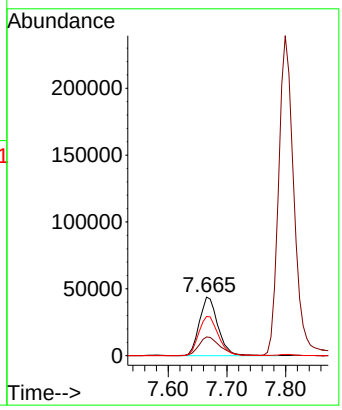




#49
1,4-Dioxane
Concen: 3166.423 ug/l
RT: 7.665 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 88 Resp: 9626

Ion	Ratio	Lower	Upper
88	100		
43	37.0	28.7	43.1
58	70.8	55.8	83.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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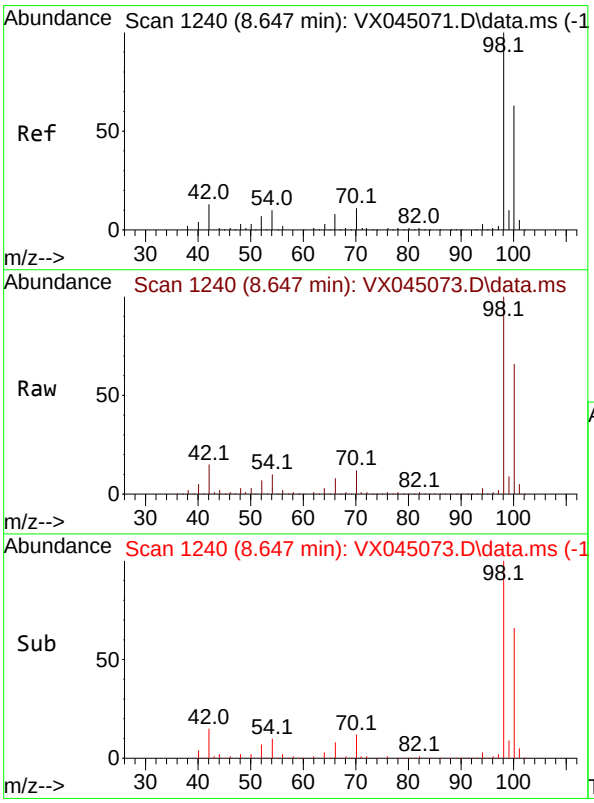
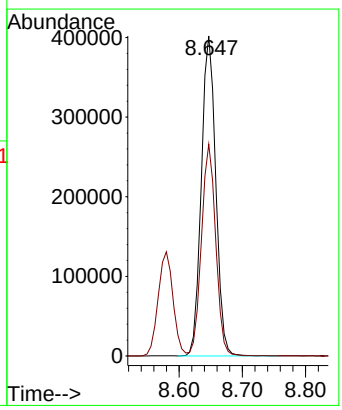
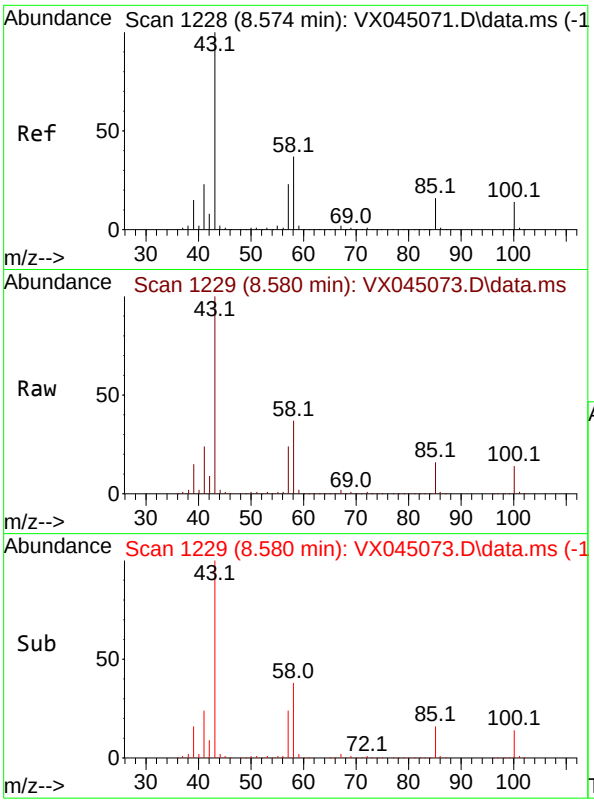


#50
Toluene-d8
Concen: 147.538 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 98 Resp: 638979

Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.0	78.0

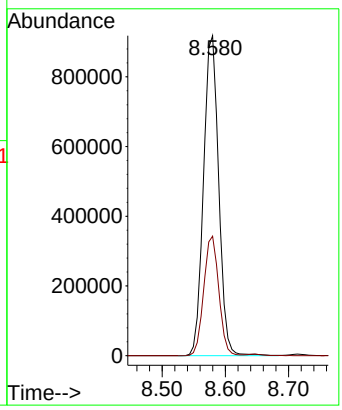




#51
4-Methyl-2-Pentanone
Concen: 832.051 ug/l
RT: 8.580 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 43 Resp: 153615

Ion	Ratio	Lower	Upper
43	100		
58	37.1	29.2	43.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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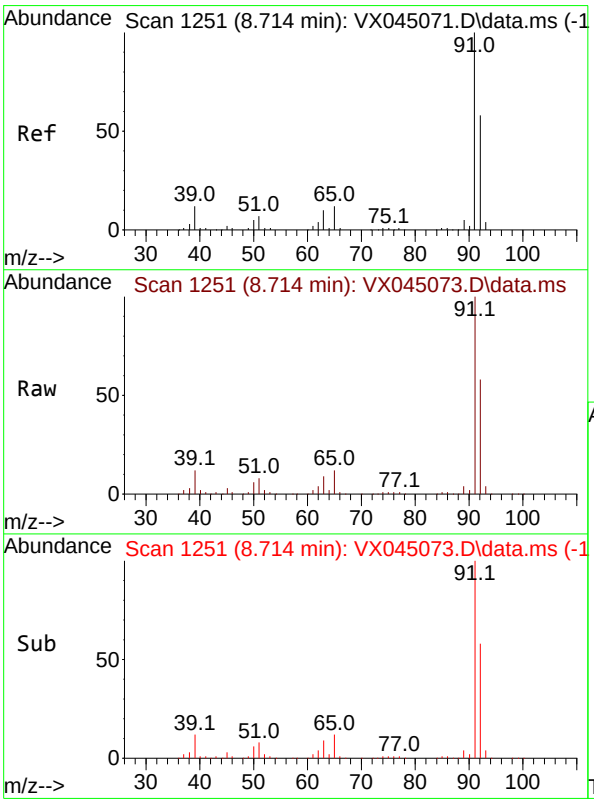
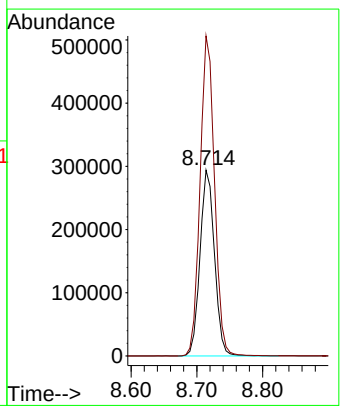
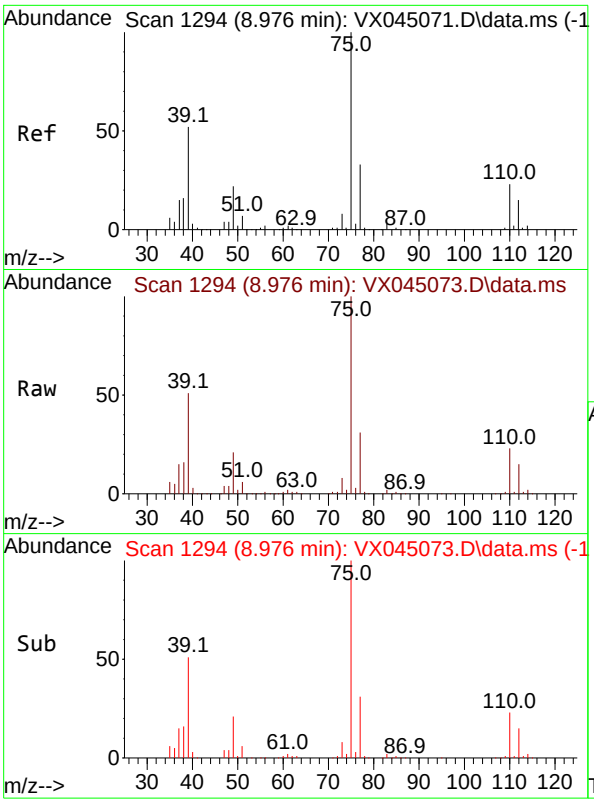


#52
Toluene
Concen: 145.321 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 92 Resp: 448664

Ion	Ratio	Lower	Upper
92	100		
91	172.3	138.9	208.3

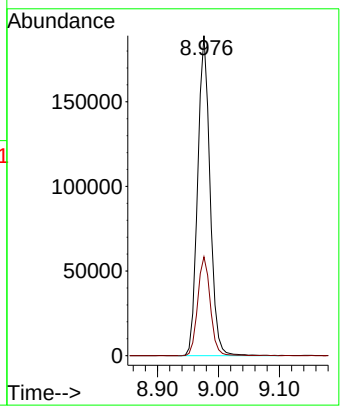




#53
t-1,3-Dichloropropene
Concen: 154.373 ug/l
RT: 8.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 75 Resp: 26644

Ion	Ratio	Lower	Upper
75	100		
77	30.9	26.5	39.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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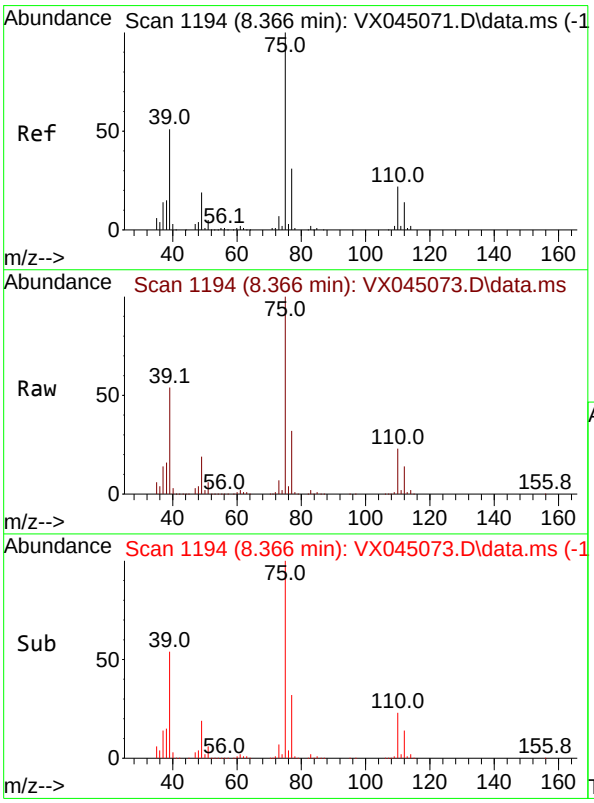
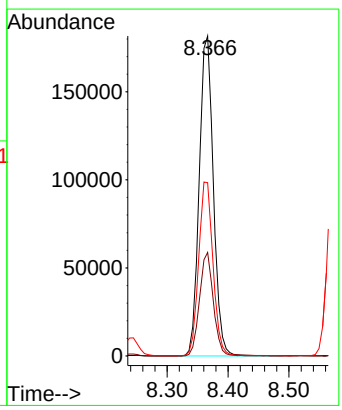
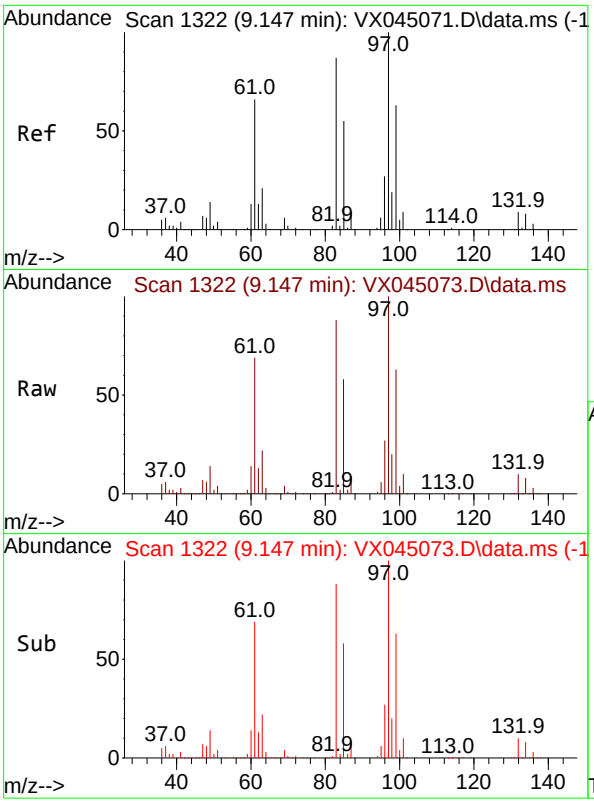


#54
cis-1,3-Dichloropropene
Concen: 152.117 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 75 Resp: 293521

Ion	Ratio	Lower	Upper
75	100		
77	32.3	24.7	37.1
39	54.0	40.7	61.1

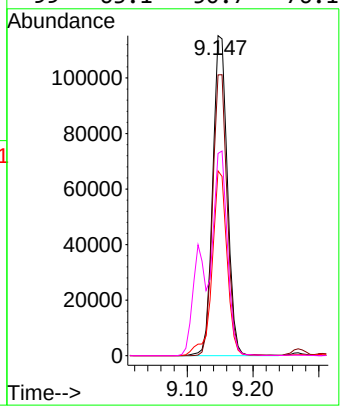




#55
1,1,2-Trichloroethane
Concen: 149.046 ug/l
RT: 9.147 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 97 Resp: 17821

Ion	Ratio	Lower	Upper
97	100		
83	87.8	69.4	104.2
85	57.8	44.1	66.1
99	63.1	50.7	76.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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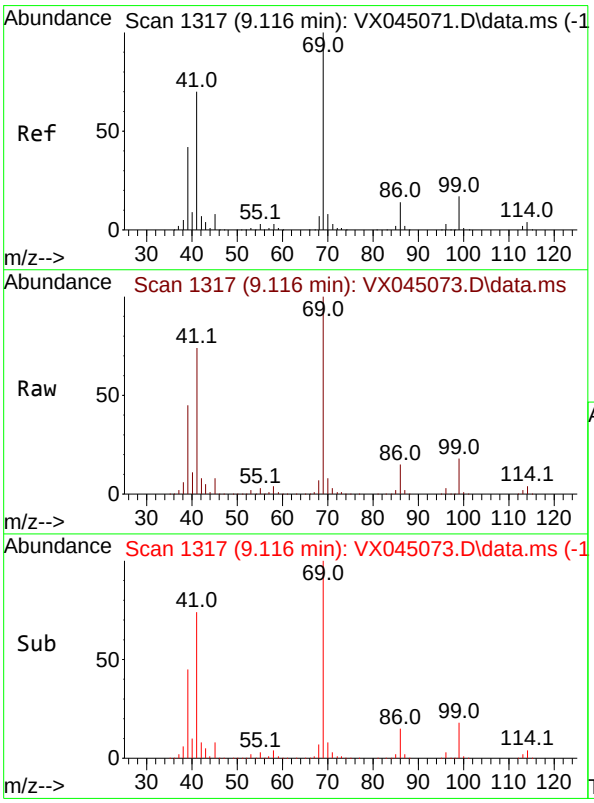
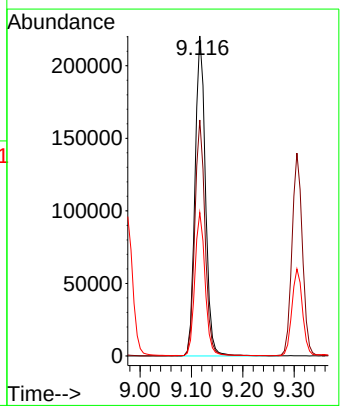
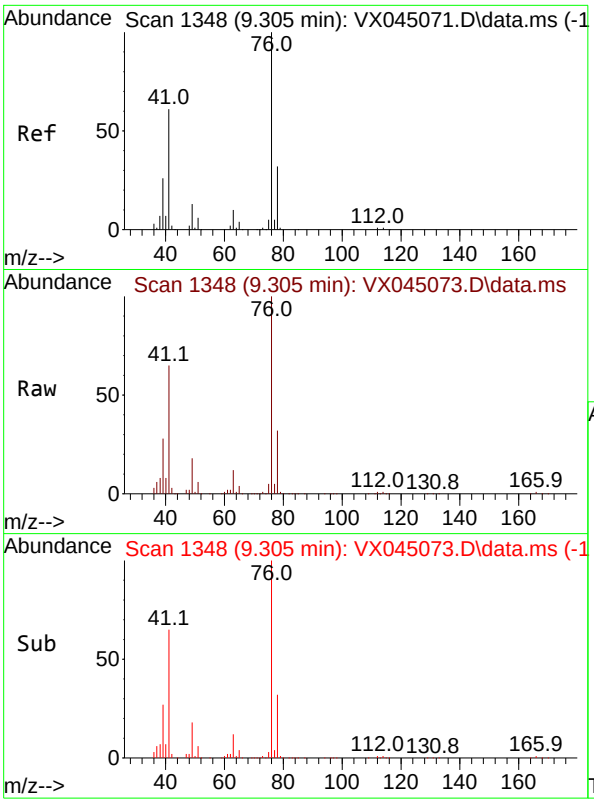


#56
Ethyl methacrylate
Concen: 162.631 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 69 Resp: 310992

Ion	Ratio	Lower	Upper
69	100		
41	72.6	57.0	85.4
39	44.2	34.2	51.4

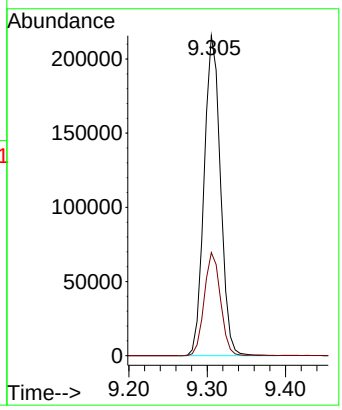




#57
1,3-Dichloropropane
Concen: 149.699 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 76 Resp: 31219

Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.5	38.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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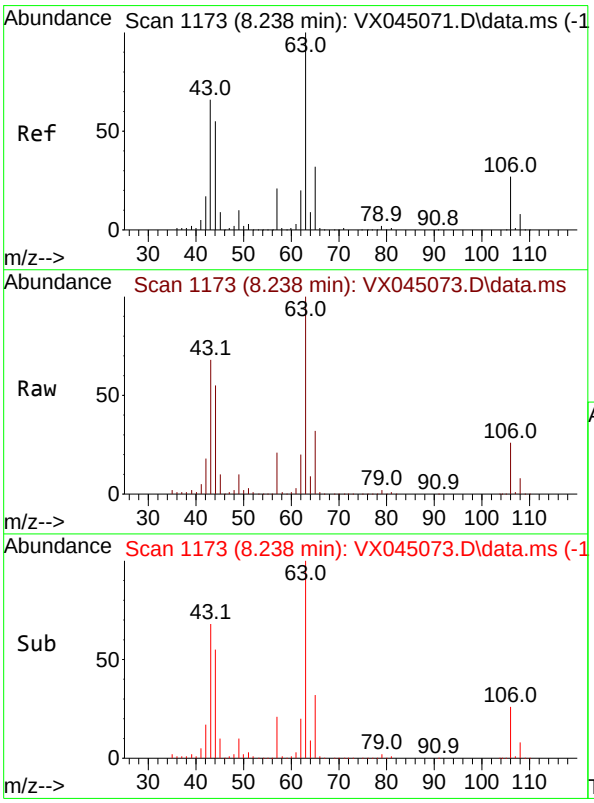
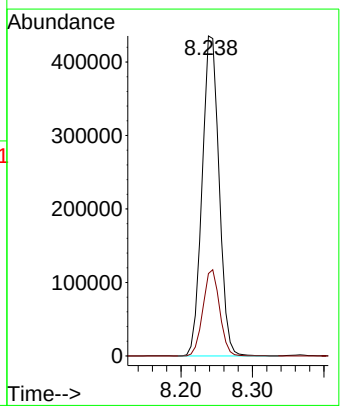
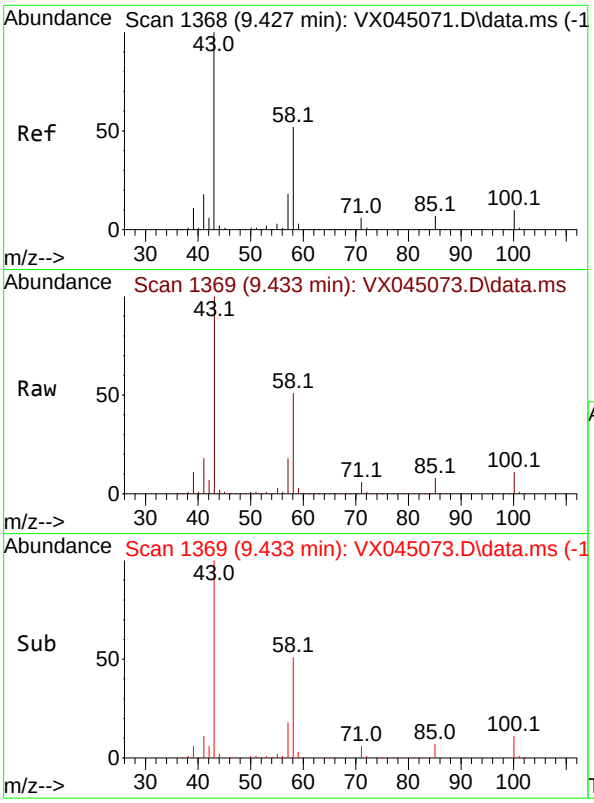


#58
2-Chloroethyl Vinyl ether
Concen: 764.019 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 63 Resp: 717328

Ion	Ratio	Lower	Upper
63	100		
106	26.5	21.5	32.3





#59
2-Hexanone
Concen: 868.492 ug/l
RT: 9.433 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 43 Resp: 115665

Ion	Ratio	Lower	Upper
43	100		
58	51.6	25.9	77.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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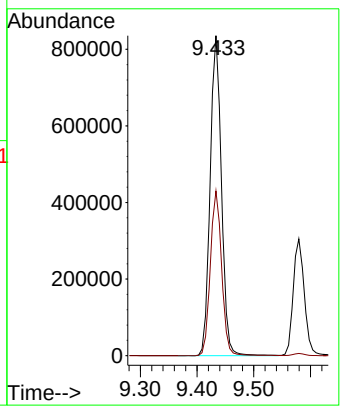
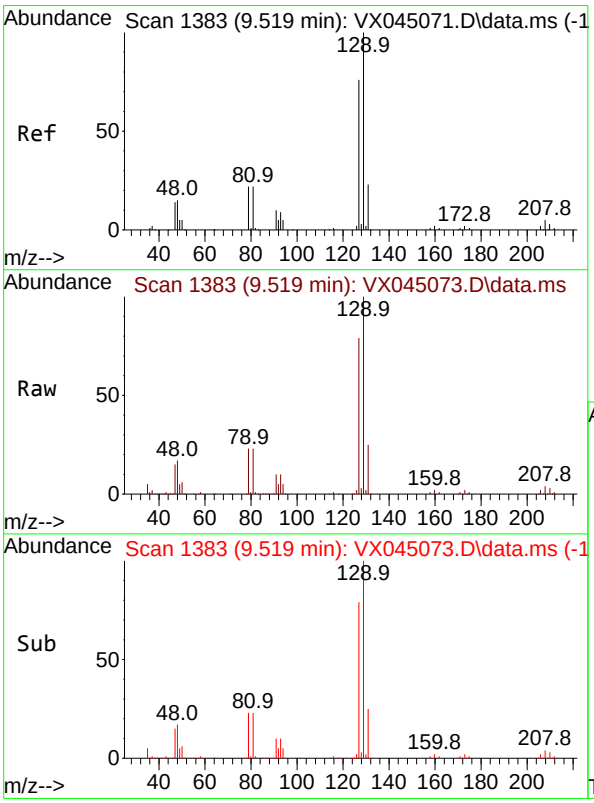
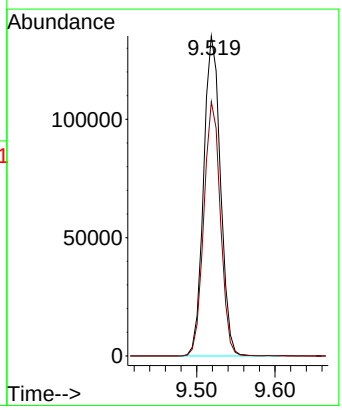


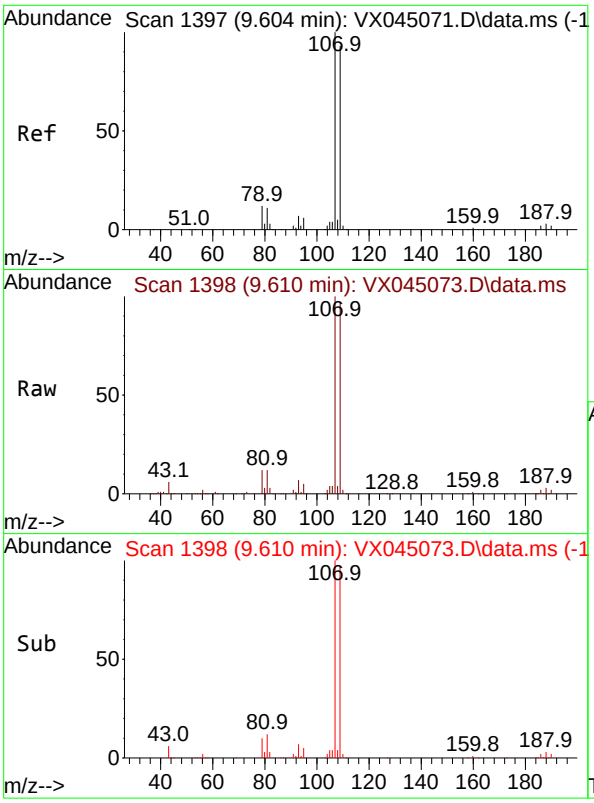


#60
Dibromochloromethane
Concen: 158.276 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion:129 Resp: 201906

Ion	Ratio	Lower	Upper
129	100		
127	77.9	38.5	115.5

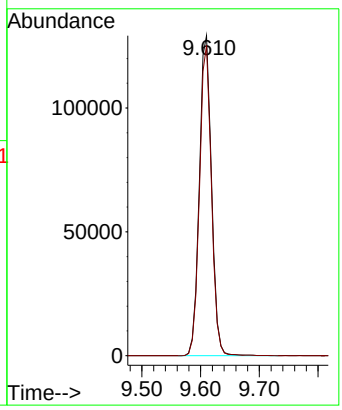




#61
1,2-Dibromoethane
Concen: 154.074 ug/l
RT: 9.610 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion:107 Resp: 18582

Ion	Ratio	Lower	Upper
107	100		
109	95.2	76.1	114.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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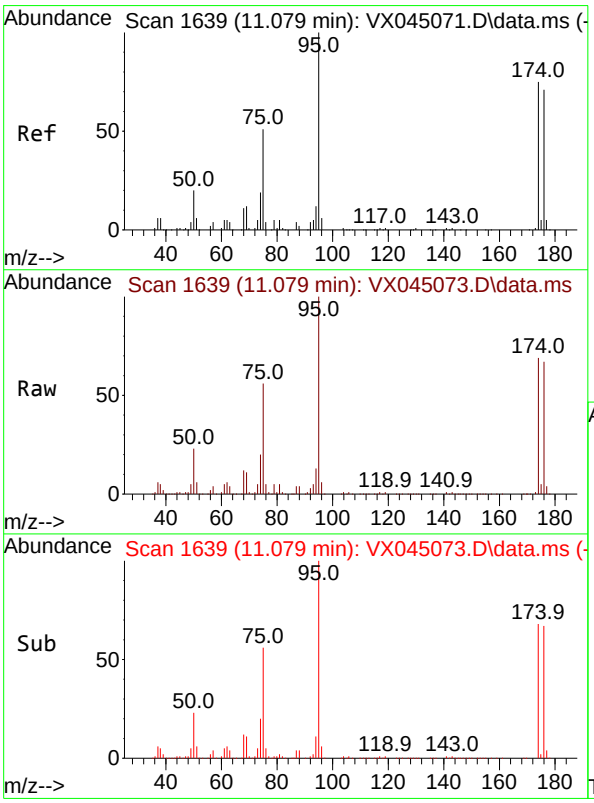
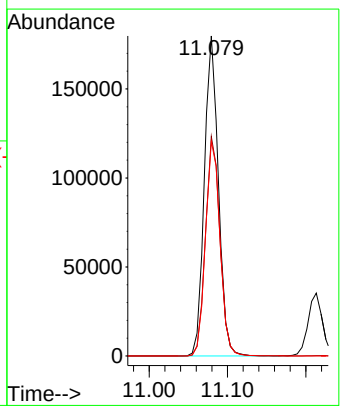
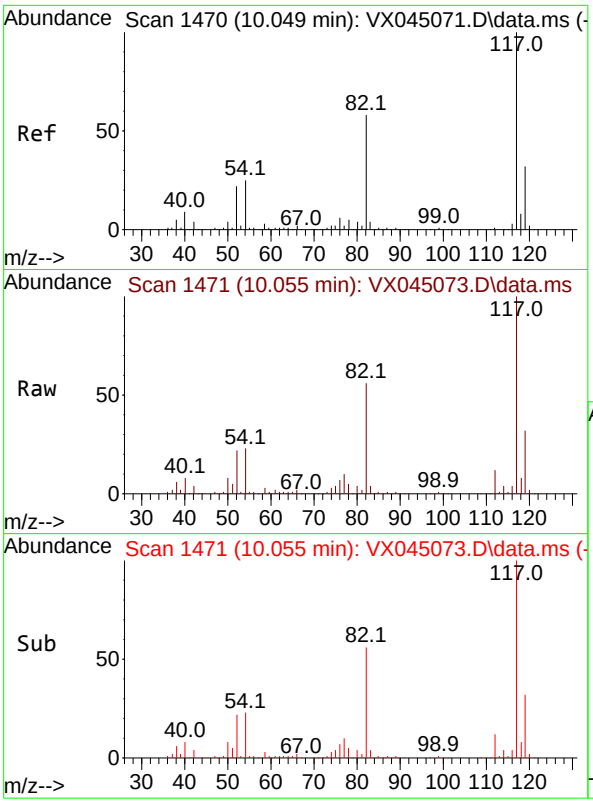


#62
4-Bromofluorobenzene
Concen: 154.420 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 95 Resp: 223346

Ion	Ratio	Lower	Upper
95	100		
174	70.4	0.0	148.2
176	69.4	0.0	141.4

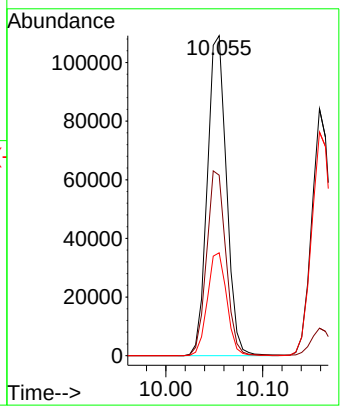




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion:117 Resp: 15054

Ion	Ratio	Lower	Upper
117	100		
82	56.4	46.3	69.5
119	32.1	25.7	38.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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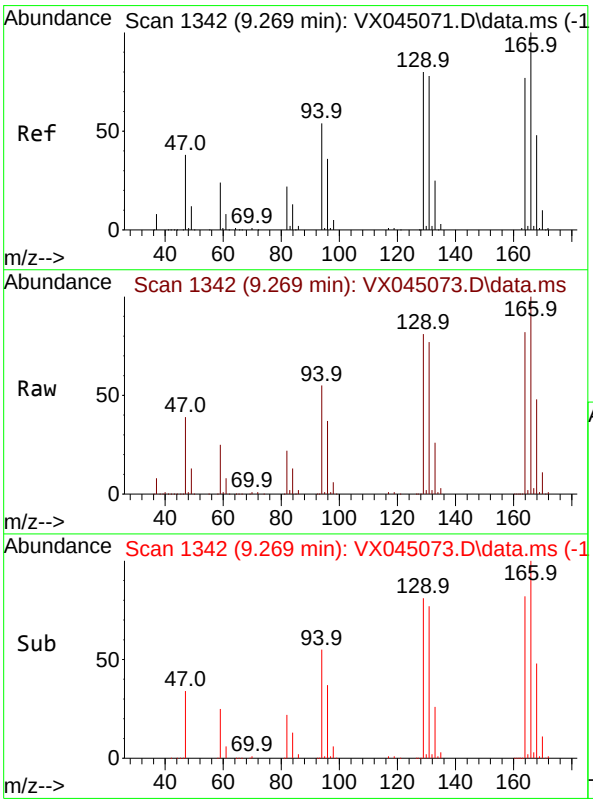
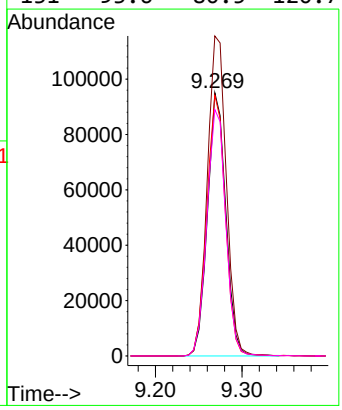
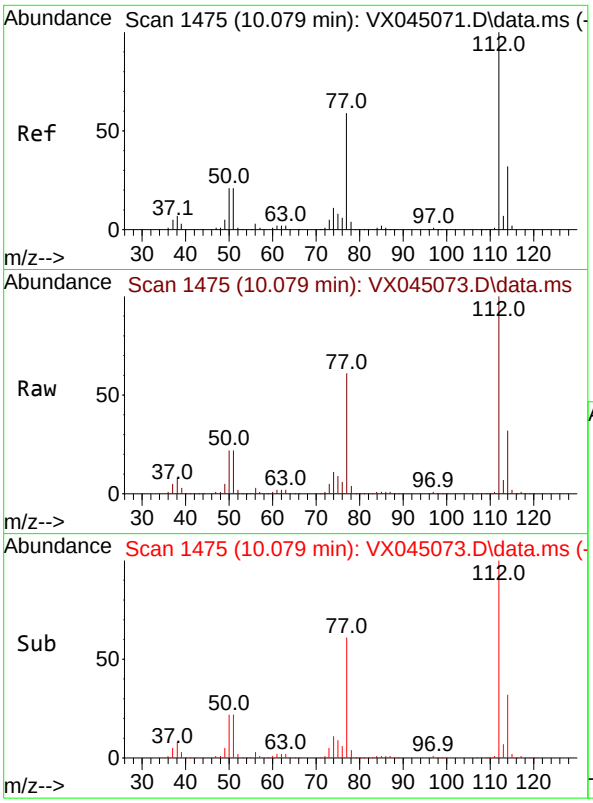


#64
Tetrachloroethene
Concen: 145.906 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion:164 Resp: 139536

Ion	Ratio	Lower	Upper
164	100		
166	121.6	103.6	155.4
129	99.0	82.7	124.1
131	93.6	80.5	120.7

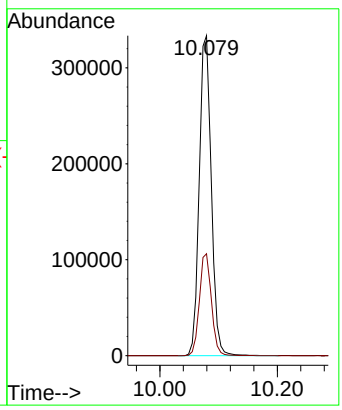




#65
Chlorobenzene
Concen: 146.096 ug/l
RT: 10.079 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion:112 Resp: 47211

Ion	Ratio	Lower	Upper
112	100		
114	31.9	26.0	39.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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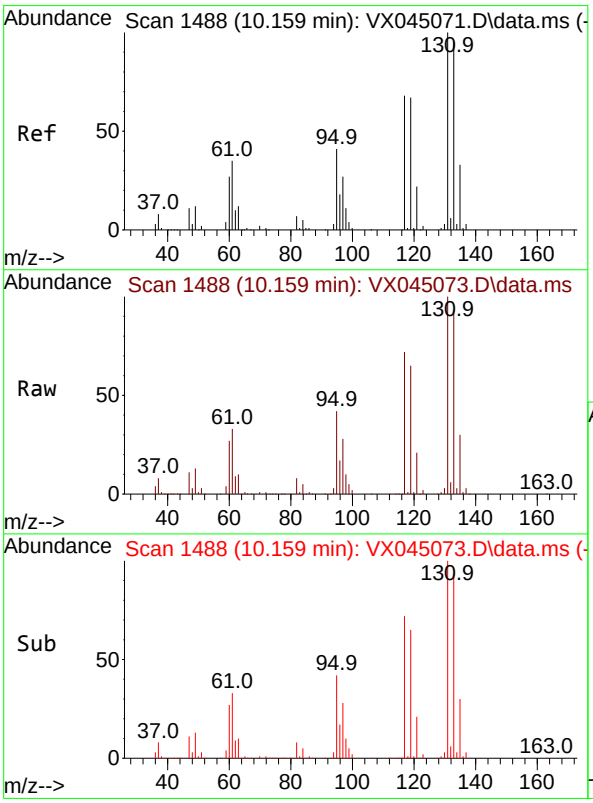
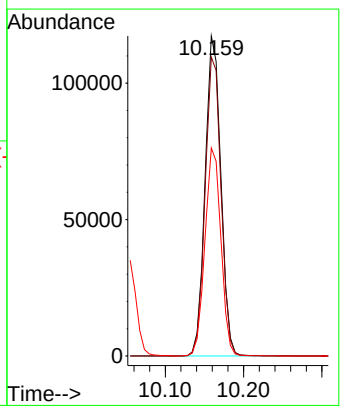
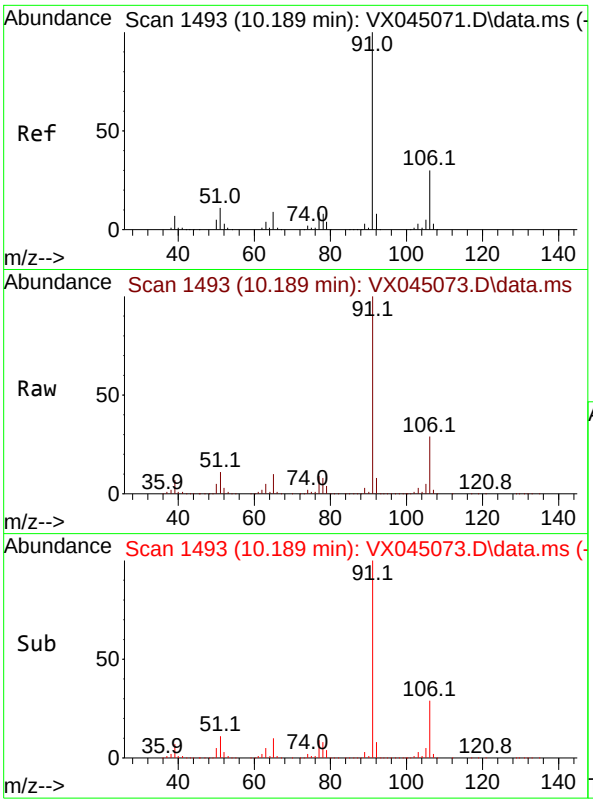


#66
1,1,1,2-Tetrachloroethane
Concen: 156.845 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion:131 Resp: 163370

Ion	Ratio	Lower	Upper
131	100		
133	94.2	48.6	145.9
119	66.0	33.9	101.7





#67
Ethyl Benzene
Concen: 149.191 ug/l
RT: 10.189 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 91 Resp: 85257

Ion	Ratio	Lower	Upper
91	100		
106	29.5	23.9	35.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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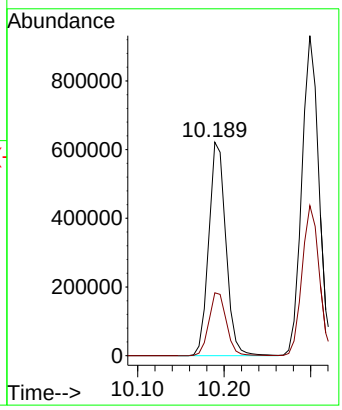
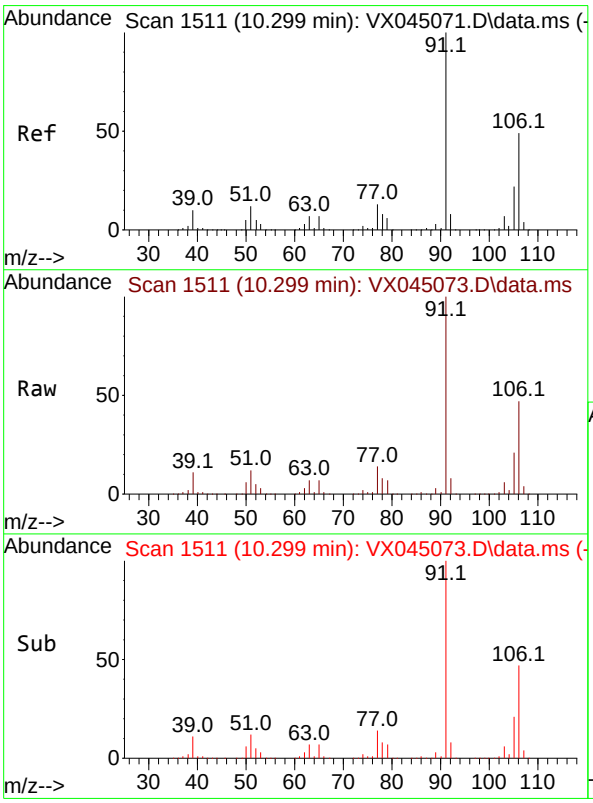
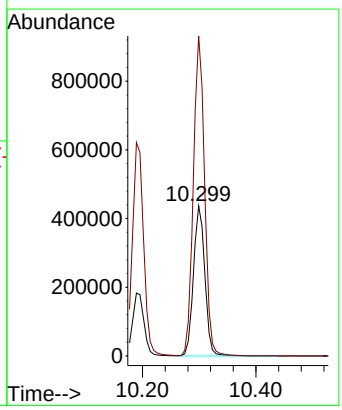


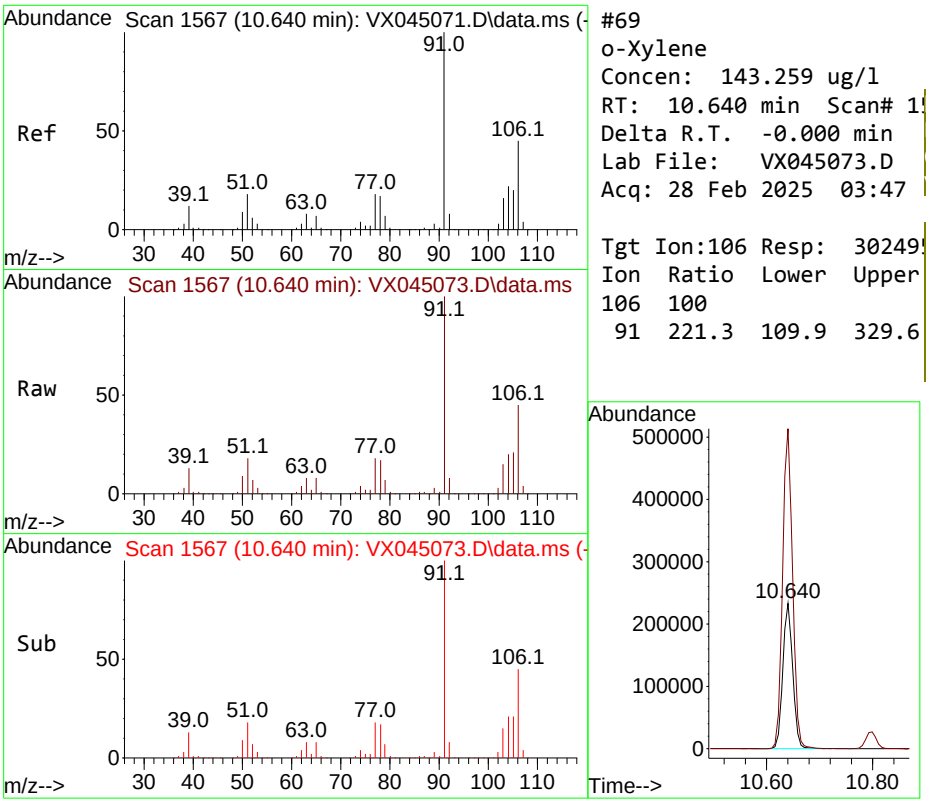


#68
m/p-Xylenes
Concen: 288.655 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion:106 Resp: 607523

Ion	Ratio	Lower	Upper
106	100		
91	211.2	165.4	248.0





#69
o-Xylene
Concen: 143.259 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion:106 Resp: 30249

Ion	Ratio	Lower	Upper
106	100		
91	221.3	109.9	329.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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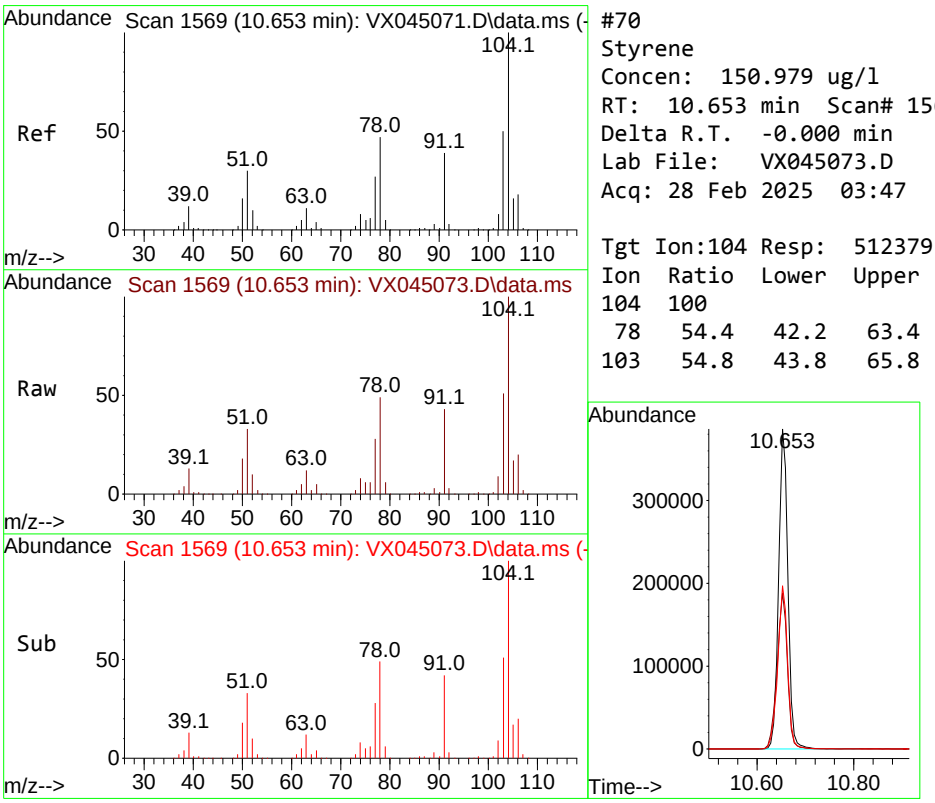
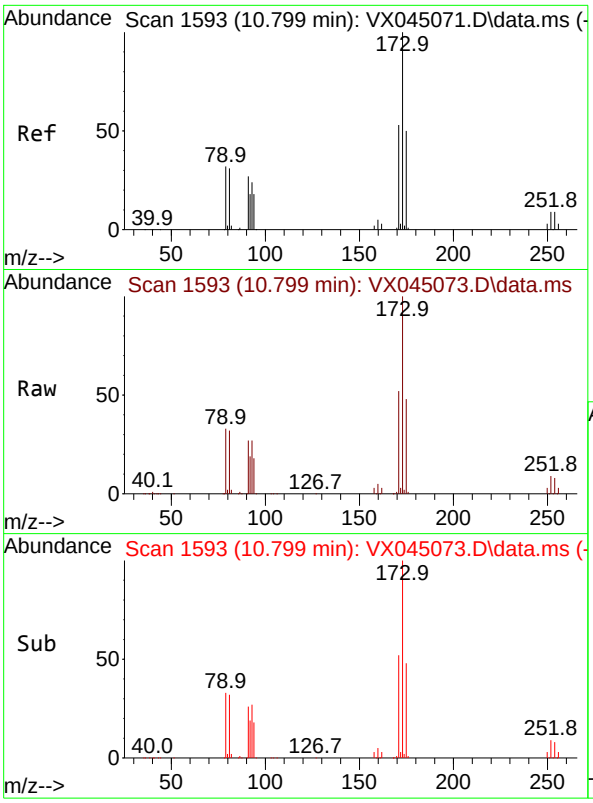


#70
Styrene
Concen: 150.979 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion:104 Resp: 512379

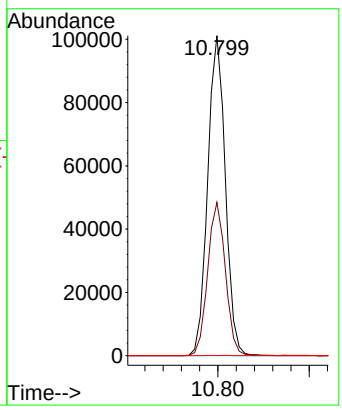
Ion	Ratio	Lower	Upper
104	100		
78	54.4	42.2	63.4
103	54.8	43.8	65.8



#71
Bromoform
Concen: 174.808 ug/l
RT: 10.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion:173 Resp: 13538

Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.6	73.6
254	0.1	0.0	0.0#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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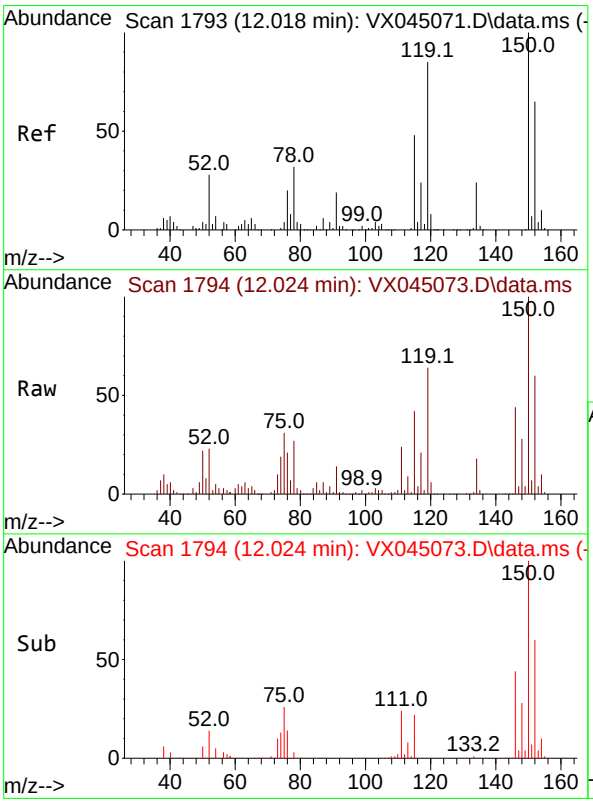
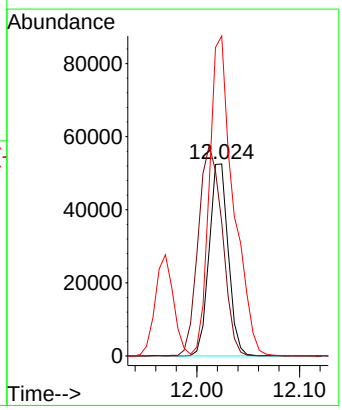
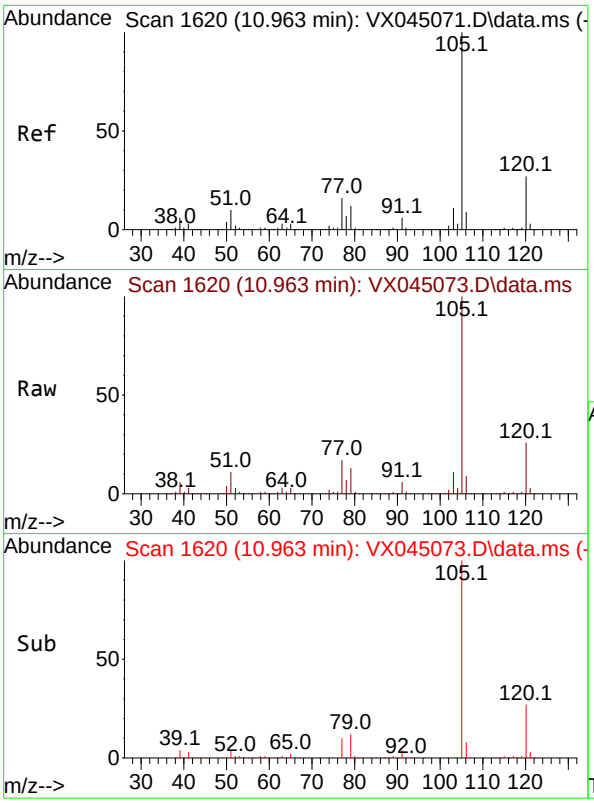


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion:152 Resp: 67685

Ion	Ratio	Lower	Upper
152	100		
115	138.4	44.2	132.6#
150	208.8	0.0	349.0

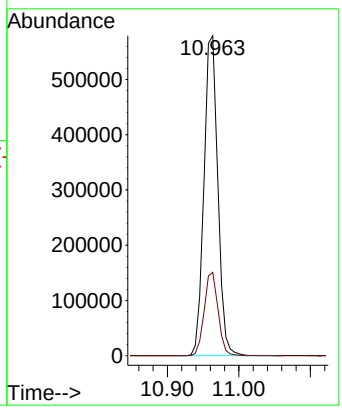




#73
Isopropylbenzene
Concen: 142.719 ug/l
RT: 10.963 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion:105 Resp: 78070

Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.2	39.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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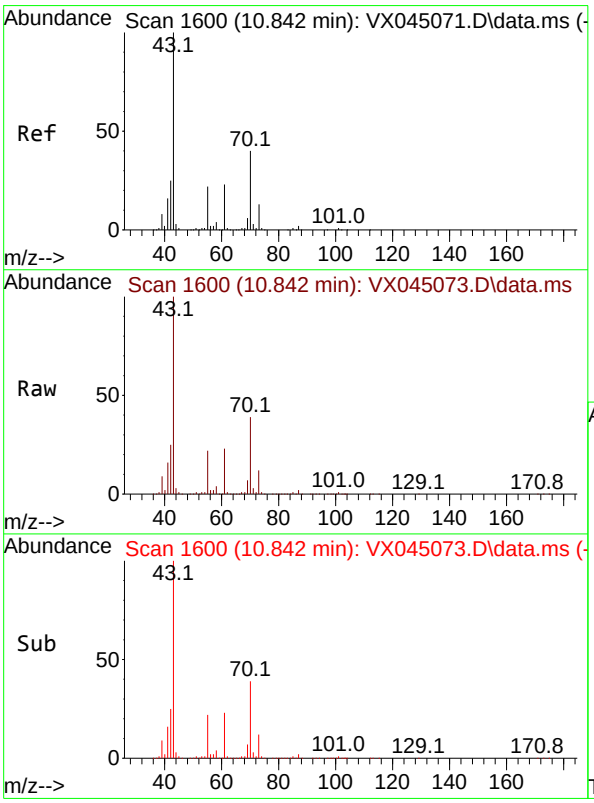
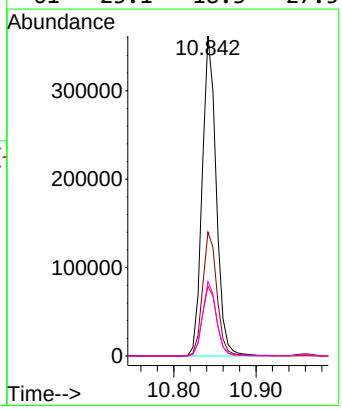
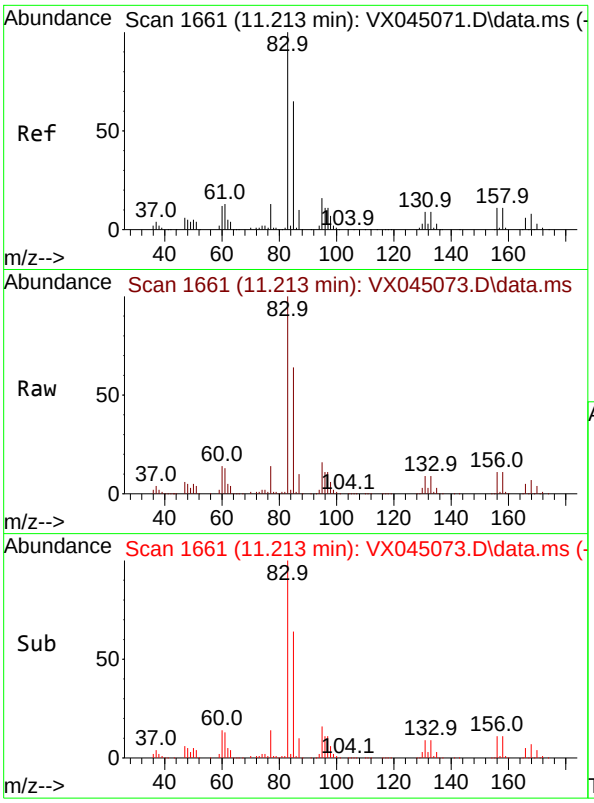


#74
N-amyl acetate
Concen: 173.042 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 43 Resp: 429686

Ion	Ratio	Lower	Upper
43	100		
70	39.6	31.8	47.6
55	22.5	18.3	27.5
61	23.1	18.3	27.5

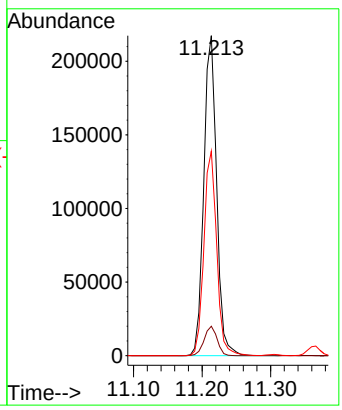




#75
1,1,2,2-Tetrachloroethane
Concen: 150.458 ug/l
RT: 11.213 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 83 Resp: 28355

Ion	Ratio	Lower	Upper
83	100		
131	9.3	4.5	13.4
85	63.8	31.7	95.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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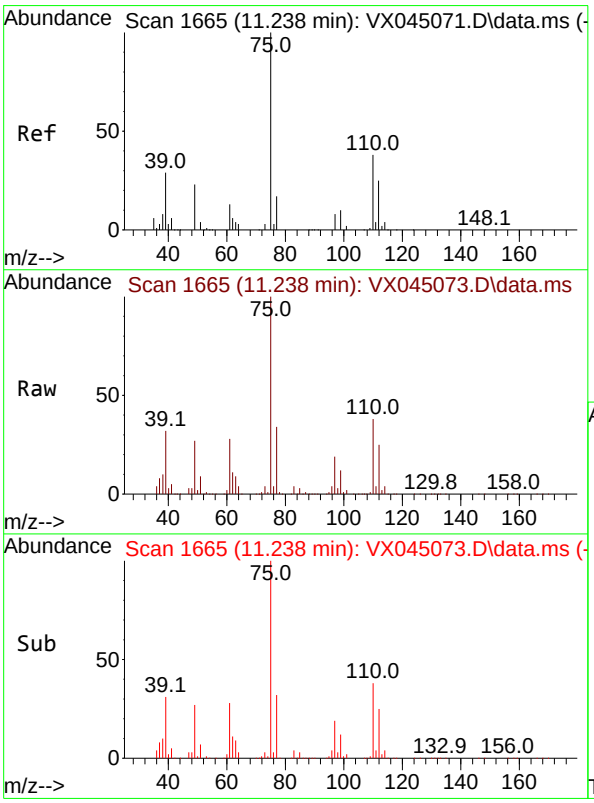
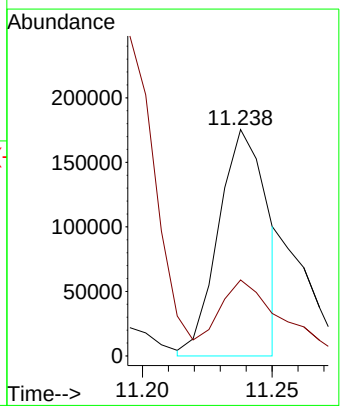
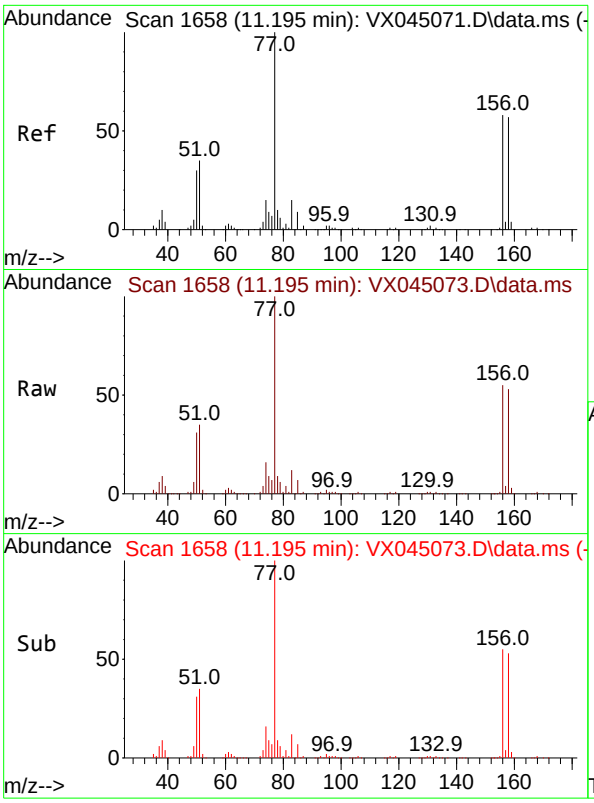


#76
1,2,3-Trichloropropane
Concen: 151.960 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 75 Resp: 229435

Ion	Ratio	Lower	Upper
75	100		
77	43.2	20.7	62.1

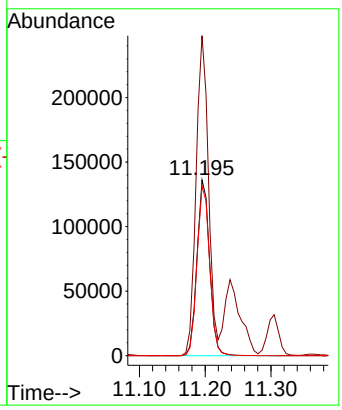




#77
Bromobenzene
Concen: 145.760 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion:156 Resp: 18099

Ion	Ratio	Lower	Upper
156	100		
77	179.4	85.8	257.4
158	97.1	48.4	145.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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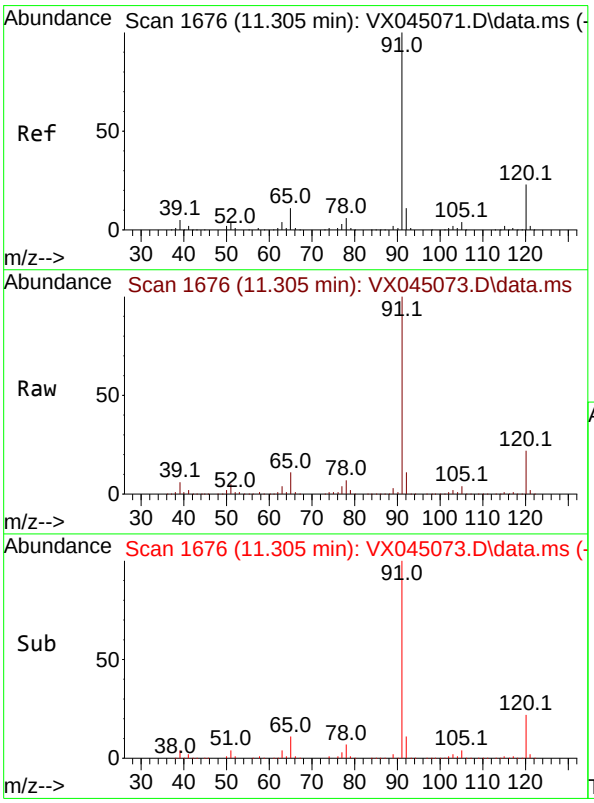
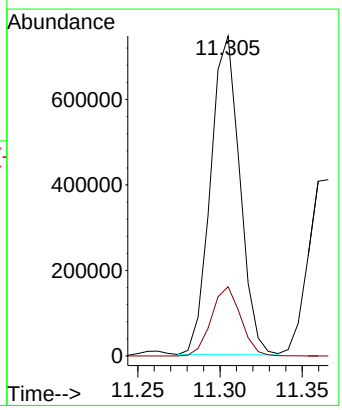
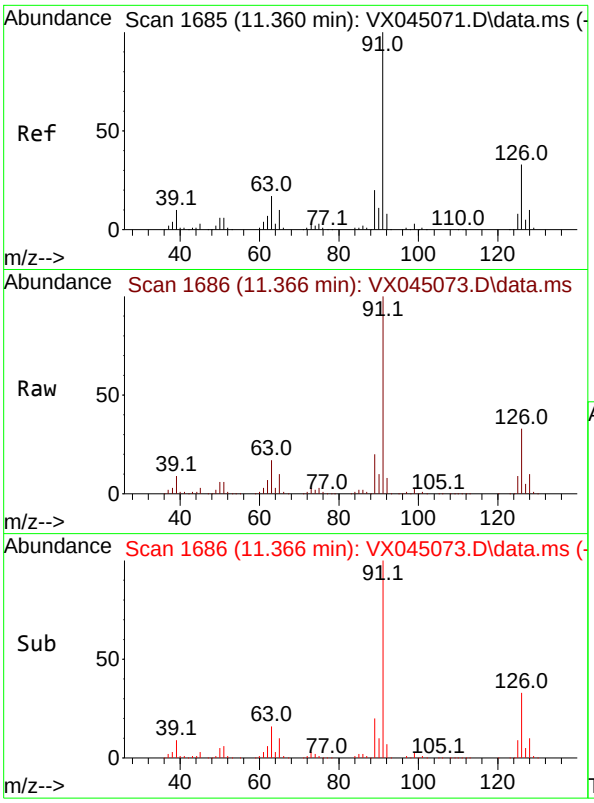


#78
n-propylbenzene
Concen: 146.395 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 91 Resp: 923593

Ion	Ratio	Lower	Upper
91	100		
120	21.8	11.2	33.6

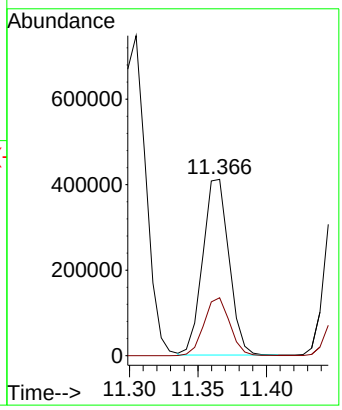




#79
2-Chlorotoluene
Concen: 141.695 ug/l
RT: 11.366 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 91 Resp: 54869

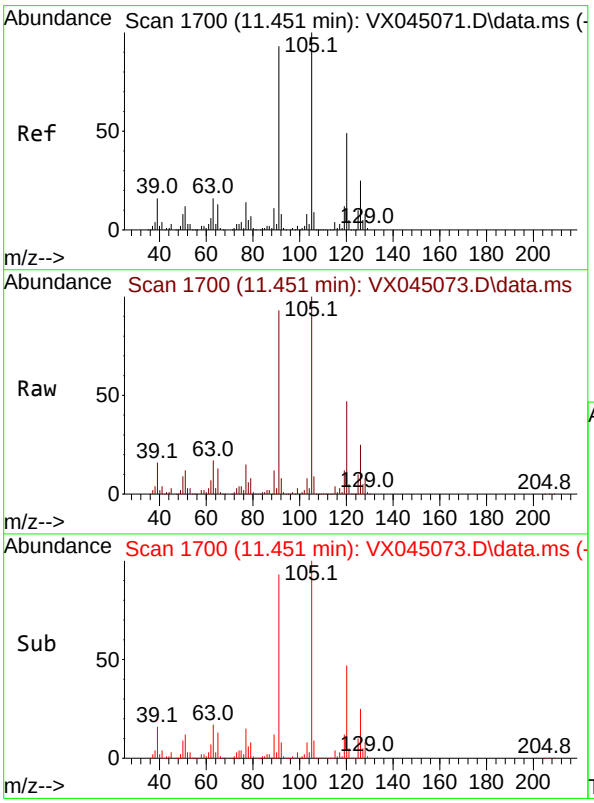
Ion	Ratio	Lower	Upper
91	100		
126	32.4	16.4	49.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

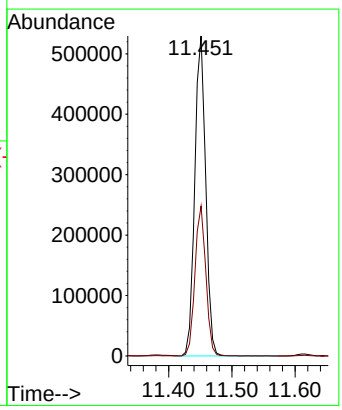
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

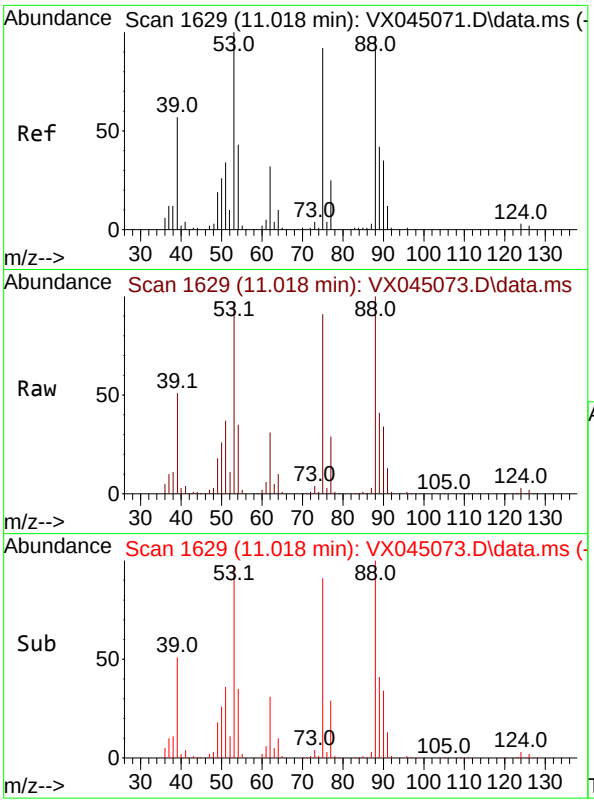


#80
1,3,5-Trimethylbenzene
Concen: 143.293 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion:105 Resp: 635832

Ion	Ratio	Lower	Upper
105	100		
120	46.7	24.1	72.2

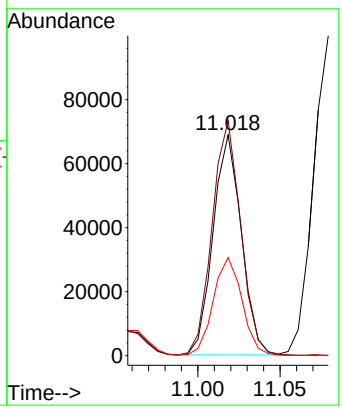




#81
trans-1,4-Dichloro-2-butene
Concen: 147.761 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 75 Resp: 8226

Ion	Ratio	Lower	Upper
75	100		
53	107.7	88.5	132.7
89	45.2	36.2	54.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
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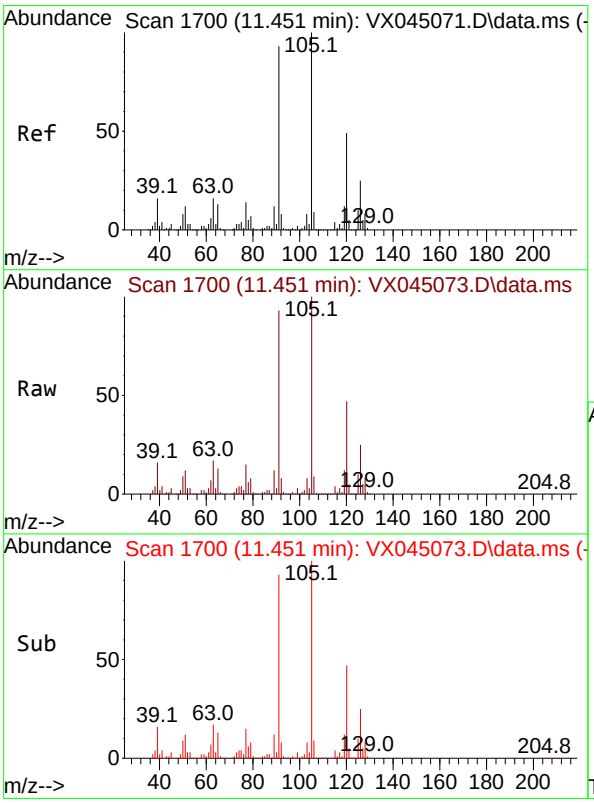
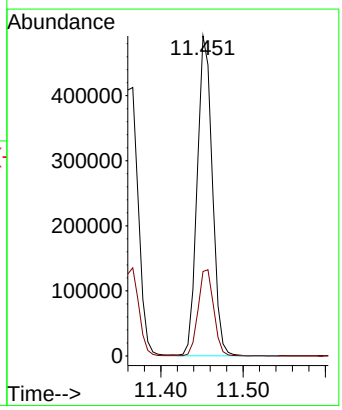
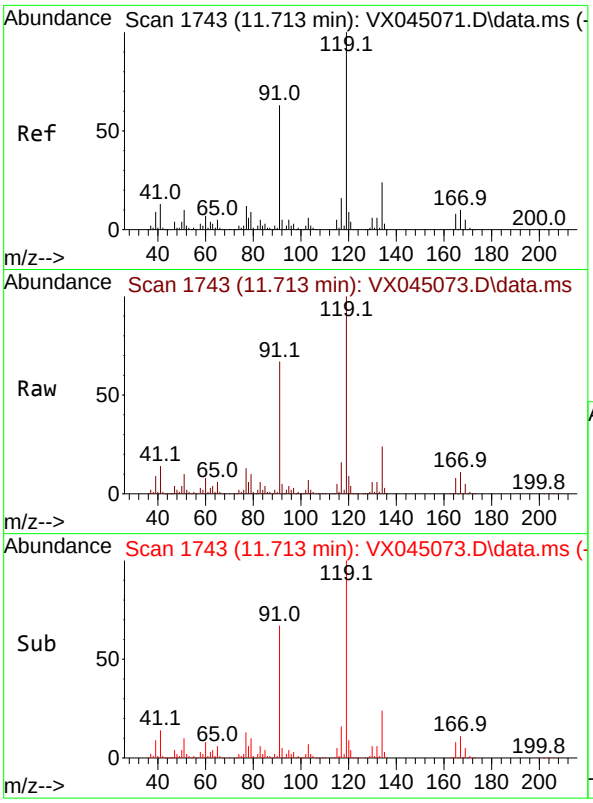


#82
4-Chlorotoluene
Concen: 146.464 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 91 Resp: 627816

Ion	Ratio	Lower	Upper
91	100		
126	27.8	14.1	42.4

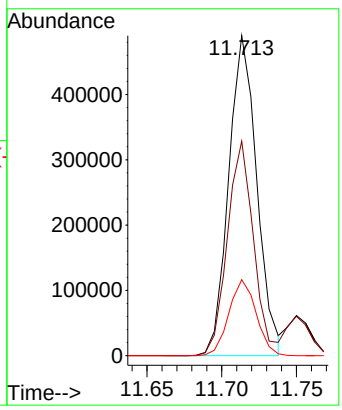




#83
tert-Butylbenzene
Concen: 142.974 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion:119 Resp: 64171

Ion	Ratio	Lower	Upper
119	100		
91	62.5	30.7	92.1
134	23.0	11.7	35.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
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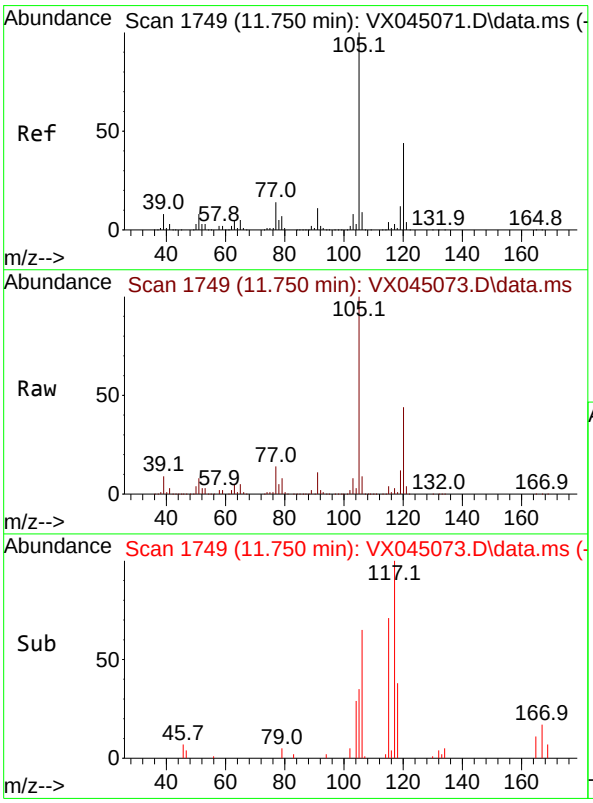
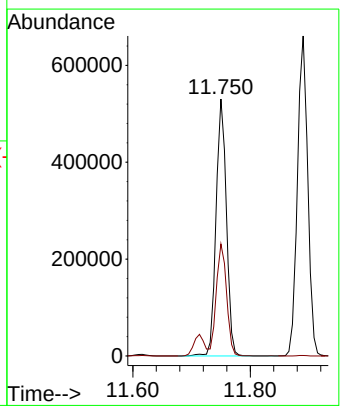
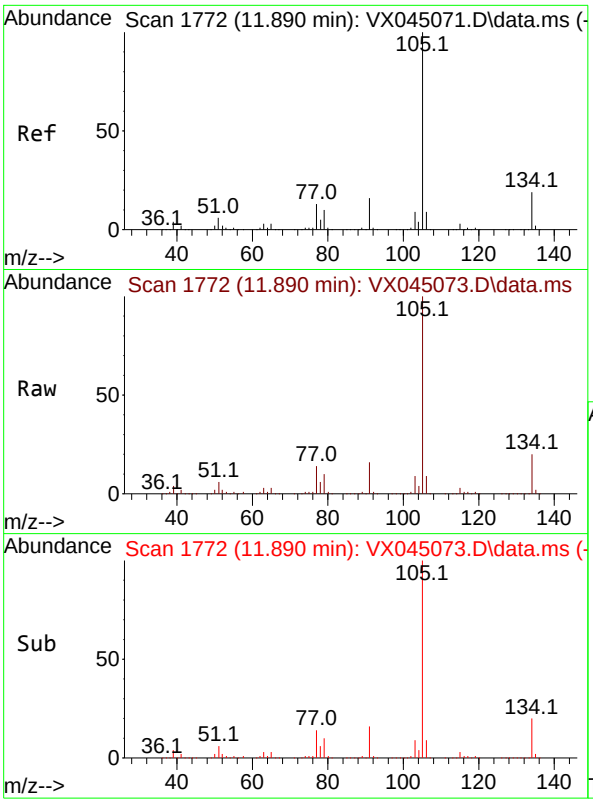


#84
1,2,4-Trimethylbenzene
Concen: 148.135 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion:105 Resp: 647248

Ion	Ratio	Lower	Upper
105	100		
120	43.8	22.1	66.1





#85
sec-Butylbenzene
Concen: 145.383 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion:105 Resp: 80771

Ion	Ratio	Lower	Upper
105	100		
134	19.4	9.8	29.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
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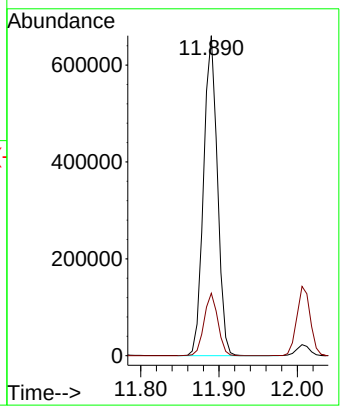
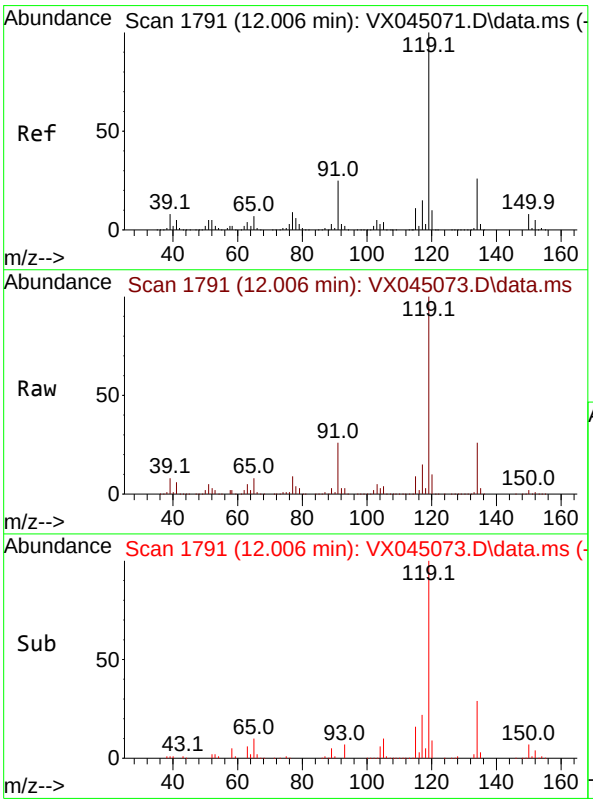
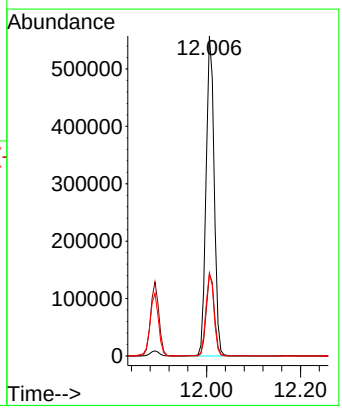


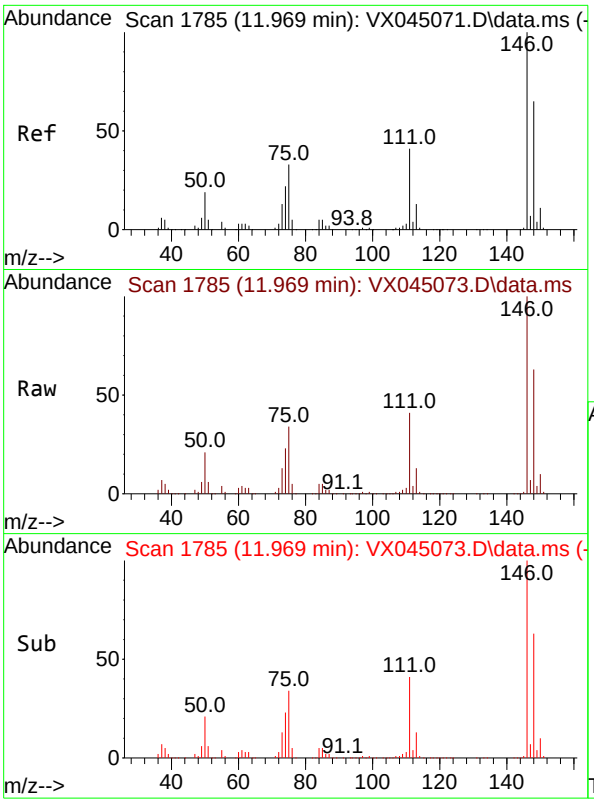


#86
p-Isopropyltoluene
Concen: 149.075 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion:119 Resp: 664916

Ion	Ratio	Lower	Upper
119	100		
134	25.7	12.9	38.6
91	25.8	12.7	38.0

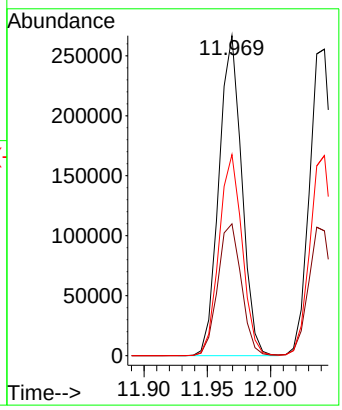




#87
1,3-Dichlorobenzene
Concen: 147.488 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion:146 Resp: 33475

Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.1	63.4
148	63.6	31.9	95.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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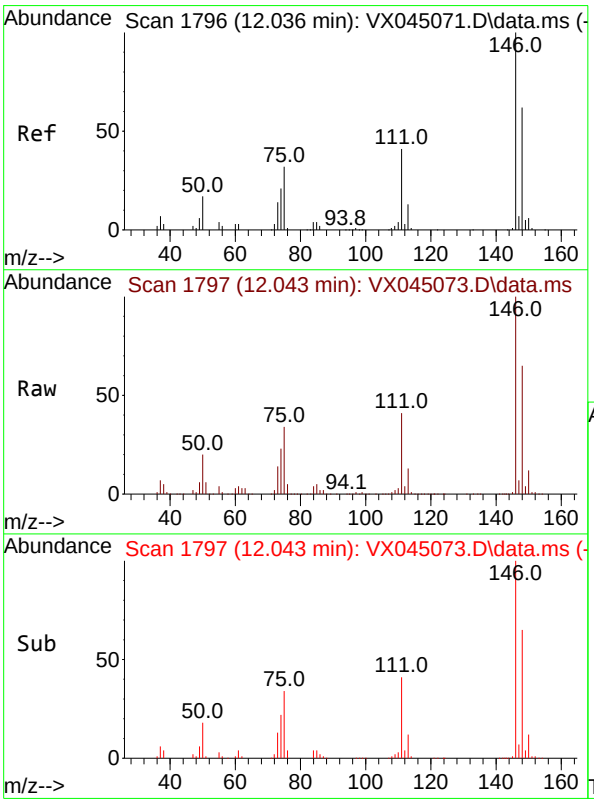
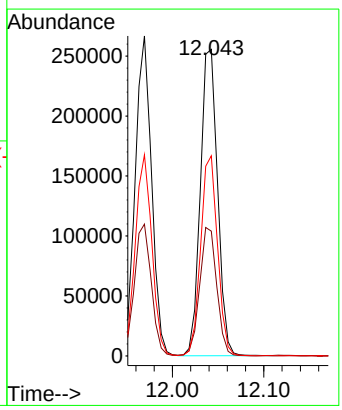
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

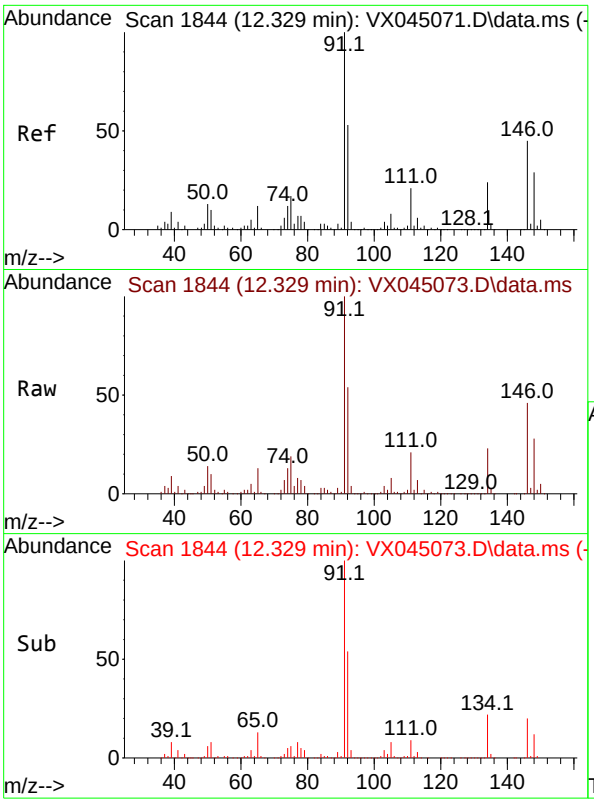


#88
1,4-Dichlorobenzene
Concen: 145.189 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion:146 Resp: 333594

Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.2	60.5
148	64.0	31.9	95.9

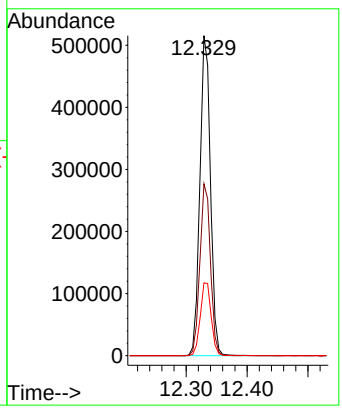




#89
n-Butylbenzene
Concen: 158.324 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 91 Resp: 62075

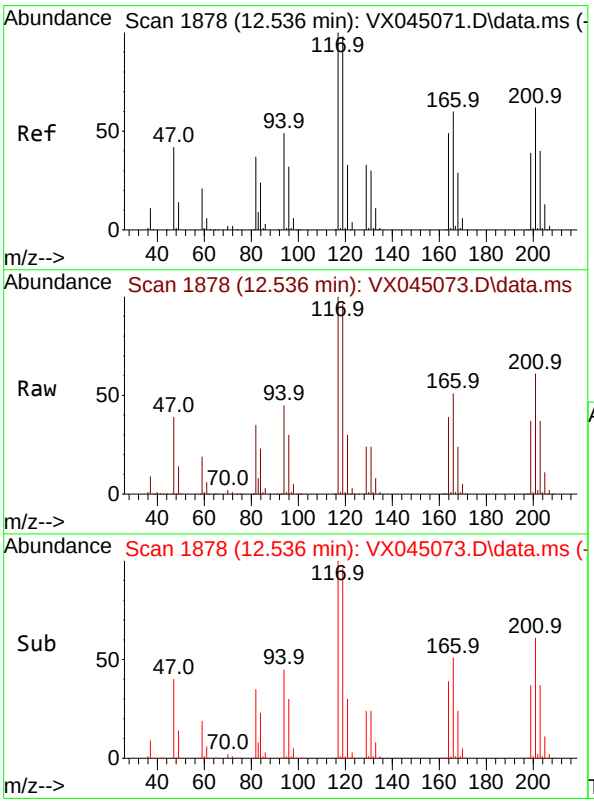
Ion	Ratio	Lower	Upper
91	100		
92	53.9	26.7	80.0
134	23.6	12.2	36.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

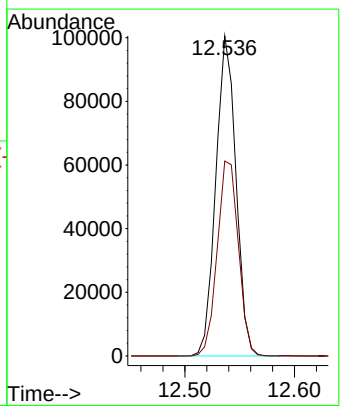
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

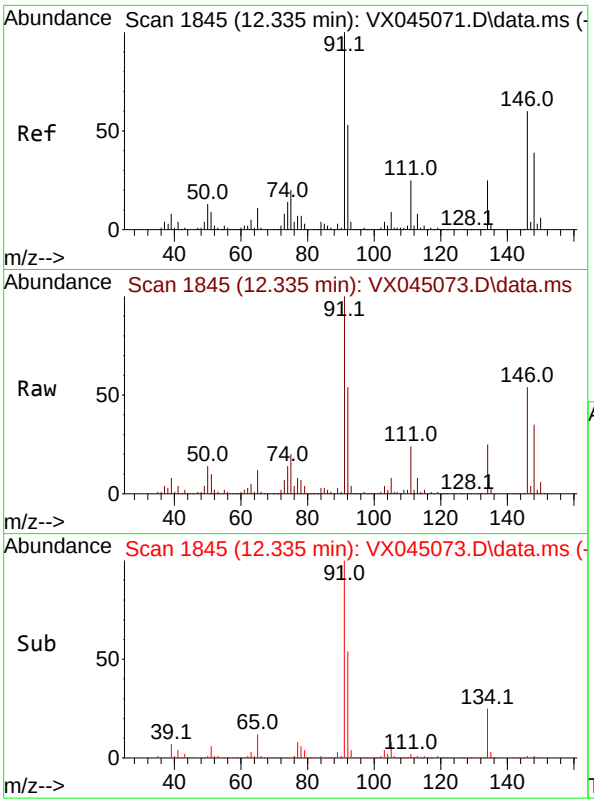


#90
Hexachloroethane
Concen: 154.554 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion:117 Resp: 128582

Ion	Ratio	Lower	Upper
117	100		
201	64.2	31.9	95.9

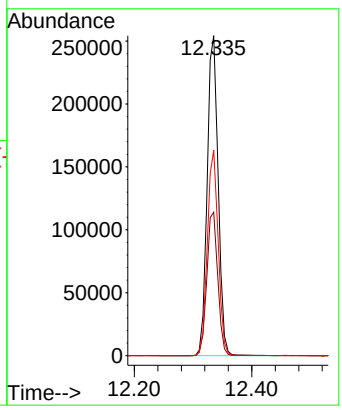




#91
1,2-Dichlorobenzene
Concen: 147.436 ug/l
RT: 12.335 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion:146 Resp: 32931

Ion	Ratio	Lower	Upper
146	100		
111	44.9	21.6	65.0
148	63.4	31.9	95.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
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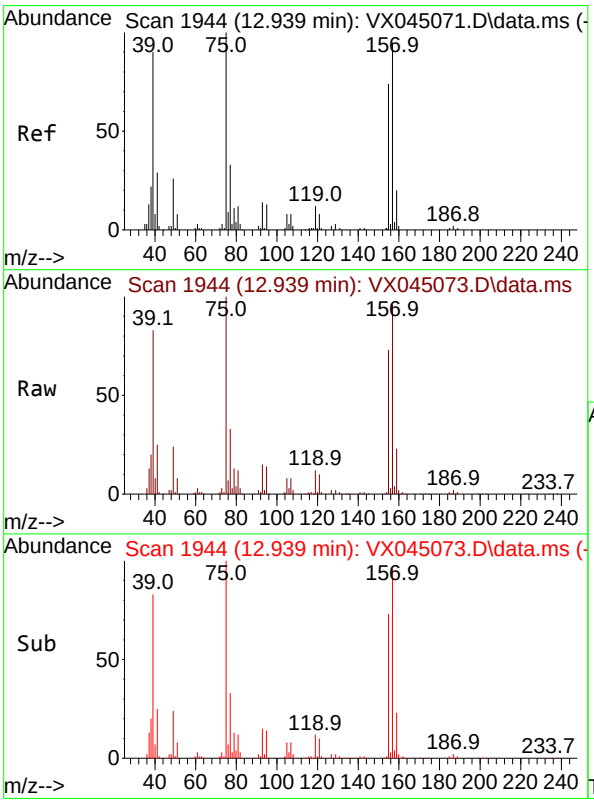
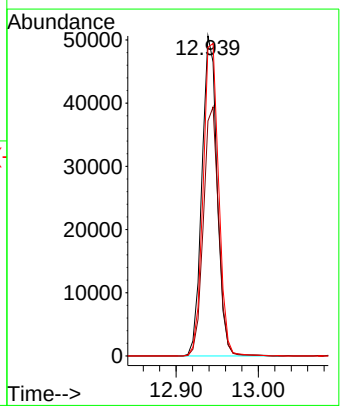
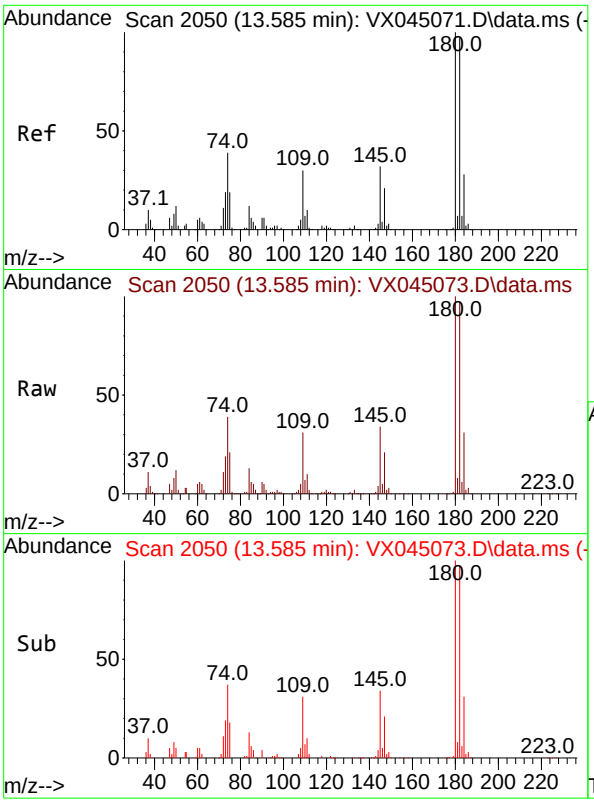


#92
1,2-Dibromo-3-Chloropropane
Concen: 186.240 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 75 Resp: 64958

Ion	Ratio	Lower	Upper
75	100		
155	77.9	39.6	118.7
157	100.1	51.1	153.4

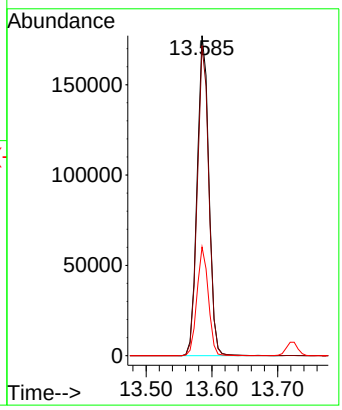




#93
1,2,4-Trichlorobenzene
Concen: 162.416 ug/l
RT: 13.585 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion:180 Resp: 21931

Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.3	141.9
145	32.9	16.3	48.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

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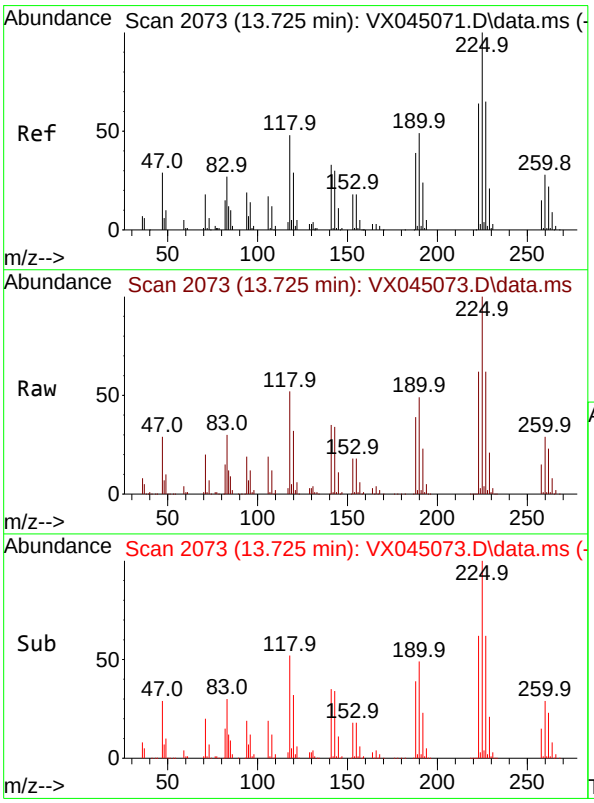
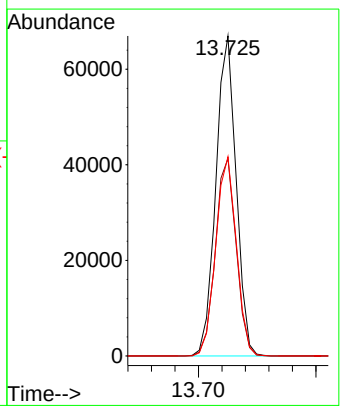
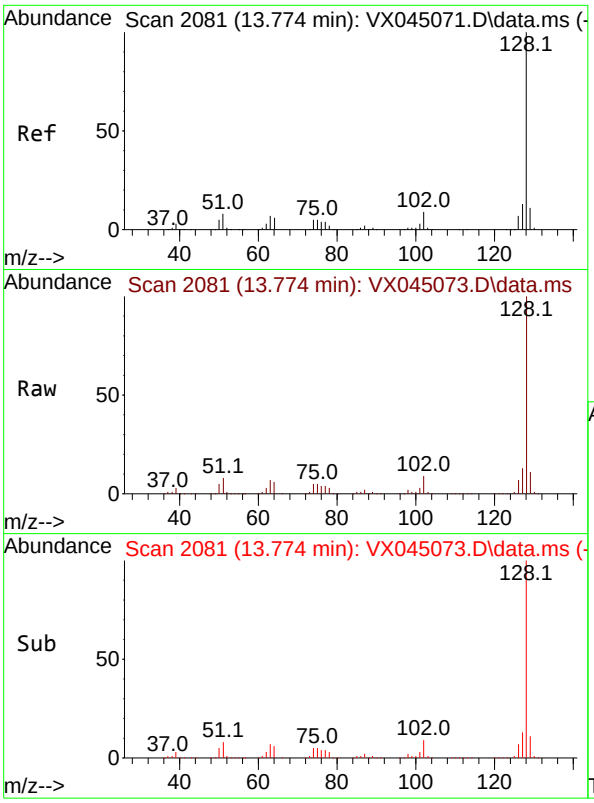


#94
Hexachlorobutadiene
Concen: 149.034 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion:225 Resp: 80241

Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.9	95.7
227	63.4	31.4	94.0

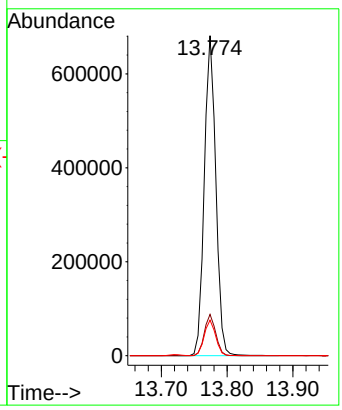




#95
Naphthalene
Concen: 168.538 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion:128 Resp: 82894

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	11.1	8.7	13.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
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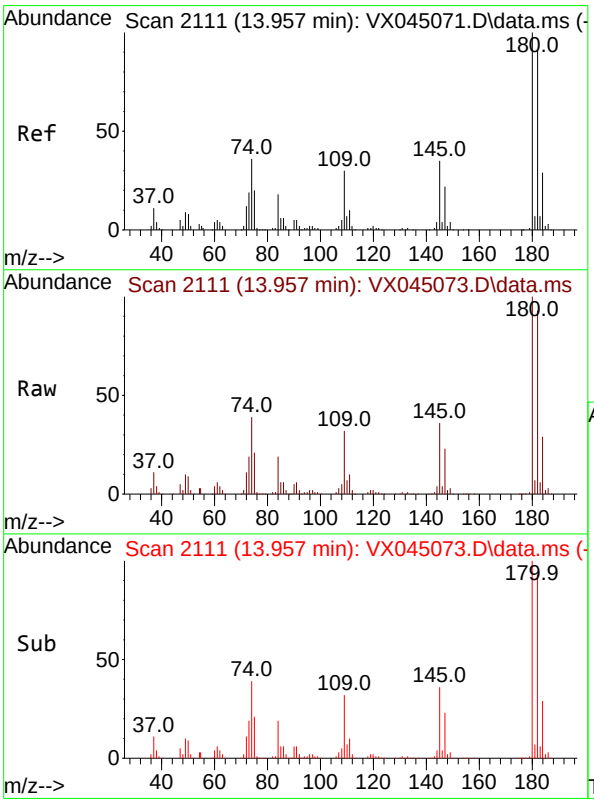
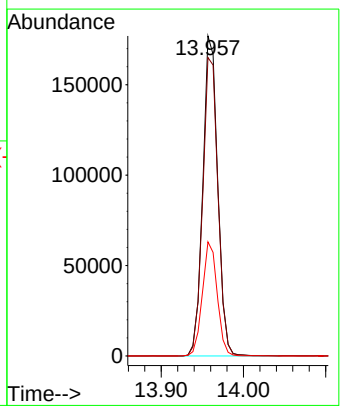


#96
1,2,3-Trichlorobenzene
Concen: 162.727 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion:180 Resp: 222608

Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.5	142.6
145	35.5	17.0	50.9



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045075.D
Acq On : 28 Feb 2025 04:33
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Feb 28 06:55:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Manual Integrations APPROVED
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	101603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	184964	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	157797	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	69357	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81288	50.297	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.600%			
35) Dibromofluoromethane	5.385	113	62880	50.841	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.680%			
50) Toluene-d8	8.647	98	225823	50.364	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.720%			
62) 4-Bromofluorobenzene	11.079	95	73162	49.240	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.480%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	61303	47.933	ug/l	95
3) Chloromethane	1.306	50	76216	48.696	ug/l	94
4) Vinyl Chloride	1.373	62	76901	49.529	ug/l	97
5) Bromomethane	1.593	94	28193	46.190	ug/l	97
6) Chloroethane	1.660	64	30042	41.948	ug/l	99
7) Trichlorofluoromethane	1.867	101	101886	49.569	ug/l	98
8) Diethyl Ether	2.136	74	39113	48.651	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.312	101	59477	50.367	ug/l	100
10) Methyl Iodide	2.440	142	74585	50.541	ug/l	98
11) Tert butyl alcohol	2.989	59	73034	238.577	ug/l	98
12) 1,1-Dichloroethene	2.306	96	61885	49.568	ug/l	98
13) Acrolein	2.239	56	95989	271.255	ug/l	99
14) Allyl chloride	2.654	41	114875	51.691	ug/l	98
15) Acrylonitrile	3.068	53	209607	255.479	ug/l	99
16) Acetone	2.392	43	182119	242.877	ug/l	100
17) Carbon Disulfide	2.501	76	166105	49.952	ug/l	97
18) Methyl Acetate	2.709	43	90756	50.312	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	222475	53.114	ug/l	99
20) Methylene Chloride	2.782	84	73731	49.639	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	63117	51.172	ug/l	98
22) Diisopropyl ether	3.763	45	243860	53.955	ug/l	97
23) Vinyl Acetate	3.721	43	1064817	282.313	ug/l	100
24) 1,1-Dichloroethane	3.605	63	129666	51.190	ug/l	100
25) 2-Butanone	4.562	43	298021	264.040	ug/l	98
26) 2,2-Dichloropropane	4.471	77	58694	49.401	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	78576	51.606	ug/l	100
28) Bromochloromethane	4.891	49	60849	50.399	ug/l	100
29) Tetrahydrofuran	5.007	42	195768	258.277	ug/l	99
30) Chloroform	5.086	83	126437	50.236	ug/l	98
31) Cyclohexane	5.464	56	110288	50.158	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	103546	50.939	ug/l	99
36) 1,1-Dichloropropene	5.684	75	82722	48.770	ug/l	99
37) Ethyl Acetate	4.714	43	112768	51.596	ug/l	99
38) Carbon Tetrachloride	5.672	117	85110	49.425	ug/l	99
39) Methylcyclohexane	7.372	83	103996	51.169	ug/l	98
40) Benzene	6.031	78	274206	51.195	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045075.D
Acq On : 28 Feb 2025 04:33
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Feb 28 06:55:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Manual Integrations APPROVED

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	63051	53.352	ug/l		99
42) 1,2-Dichloroethane	6.080	62	97821	50.718	ug/l		100
43) Isopropyl Acetate	6.342	43	175982	54.452	ug/l		100
44) Trichloroethene	7.122	130	61530	48.924	ug/l		99
45) 1,2-Dichloropropane	7.427	63	70350	51.086	ug/l		97
46) Dibromomethane	7.580	93	50284	51.661	ug/l		99
47) Bromodichloromethane	7.817	83	97236	50.930	ug/l		99
48) Methyl methacrylate	7.689	41	87582	54.016	ug/l		100
49) 1,4-Dioxane	7.665	88	35878	1049.007	ug/l		98
51) 4-Methyl-2-Pentanone	8.573	43	564197	259.995	ug/l		99
52) Toluene	8.714	92	160331	51.020	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	86584	54.247	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	98146	52.732	ug/l		95
55) 1,1,2-Trichloroethane	9.146	97	64985	50.232	ug/l		99
56) Ethyl methacrylate	9.116	69	106405	54.109	ug/l		100
57) 1,3-Dichloropropane	9.305	76	114880	51.312	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	264335	275.557	ug/l		99
59) 2-Hexanone	9.427	43	416731	265.049	ug/l		99
60) Dibromochloromethane	9.518	129	69492	51.374	ug/l		98
61) 1,2-Dibromoethane	9.610	107	66501	51.492	ug/l		99
64) Tetrachloroethene	9.268	164	50659	50.126	ug/l		96
65) Chlorobenzene	10.079	112	168885	50.580	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	56822	51.102	ug/l		98
67) Ethyl Benzene	10.189	91	300324	51.621	ug/l		100
68) m/p-Xylenes	10.299	106	220335	103.454	ug/l		99
69) o-Xylene	10.640	106	108836	50.668	ug/l		100
70) Styrene	10.652	104	181349	52.177	ug/l		100
71) Bromoform	10.799	173	44135	52.636	ug/l	#	100
73) Isopropylbenzene	10.957	105	279278	51.589	ug/l		99
74) N-amyl acetate	10.841	43	144412	56.851	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	100800	50.741	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	80618m	49.940	ug/l		
77) Bromobenzene	11.195	156	64324	50.360	ug/l		100
78) n-propylbenzene	11.305	91	319235	52.203	ug/l		99
79) 2-Chlorotoluene	11.360	91	192150	49.338	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	225622	51.544	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	23943	50.757	ug/l		99
82) 4-Chlorotoluene	11.451	91	216511	51.009	ug/l		100
83) tert-Butylbenzene	11.713	119	227357	50.552	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	228729	51.932	ug/l		100
85) sec-Butylbenzene	11.890	105	283931	52.703	ug/l		100
86) p-Isopropyltoluene	12.006	119	229894	52.803	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	114778	50.372	ug/l		100
88) 1,4-Dichlorobenzene	12.036	146	115486	50.097	ug/l		99
89) n-Butylbenzene	12.329	91	204972	54.662	ug/l		99
90) Hexachloroethane	12.536	117	40844	51.866	ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	116343	50.899	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.938	75	20589	53.199	ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	71368	54.834	ug/l		98
94) Hexachlorobutadiene	13.725	225	26697	50.032	ug/l		99
95) Naphthalene	13.774	128	275844	55.163	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	74211	54.049	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045075.D
Acq On : 28 Feb 2025 04:33
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

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Quant Time: Feb 28 06:55:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 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\VX022825\
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Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

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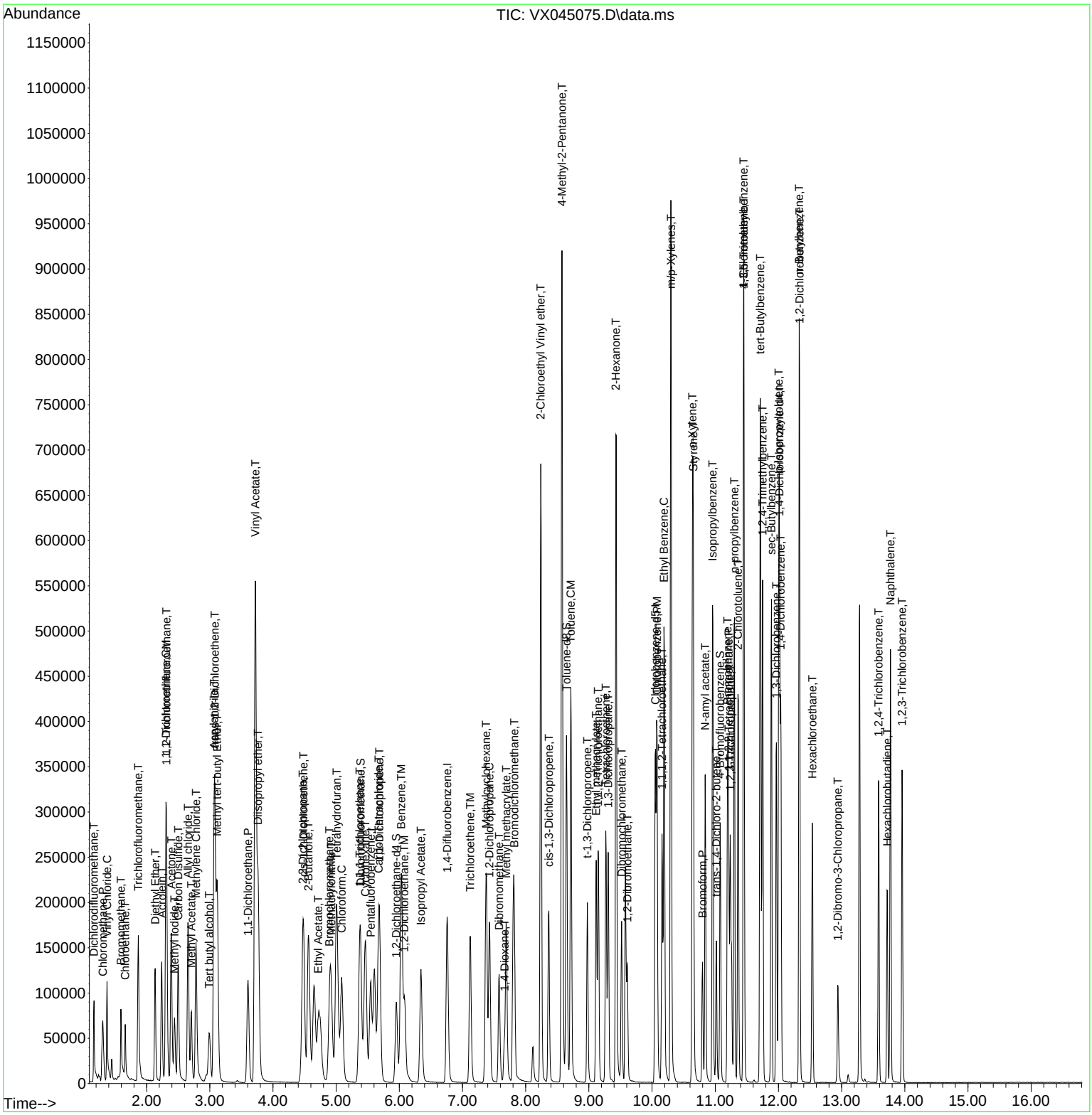
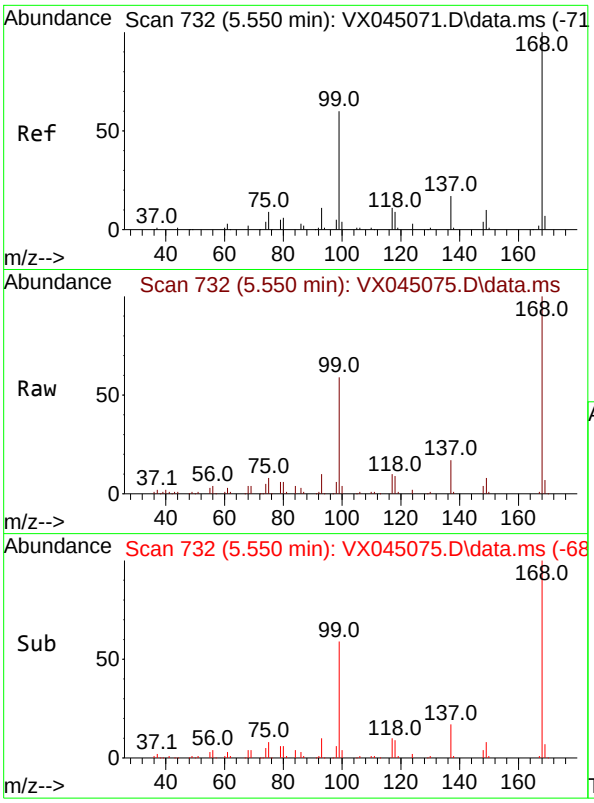
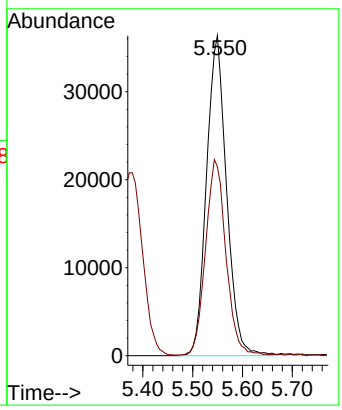




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion:168 Resp: 10160

Ion	Ratio	Lower	Upper
168	100		
99	58.9	48.2	72.4



Instrument :
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ClientSampleId :
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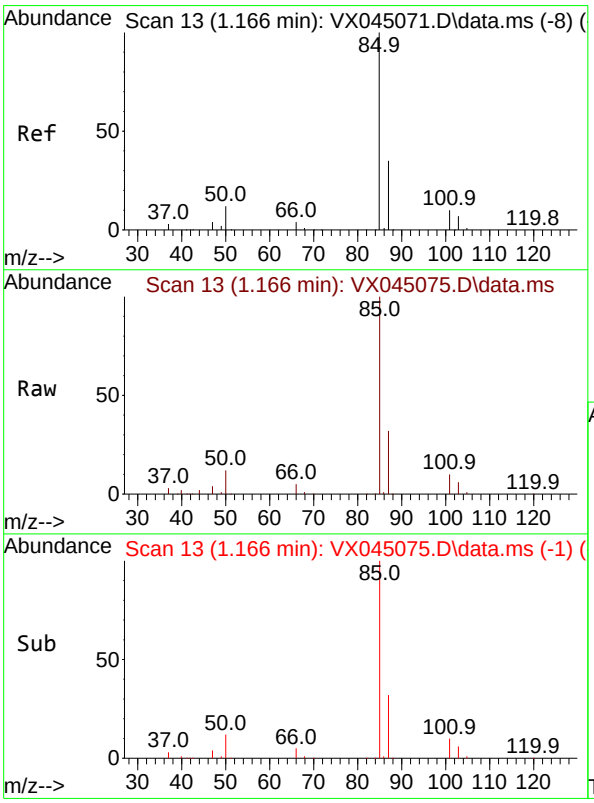
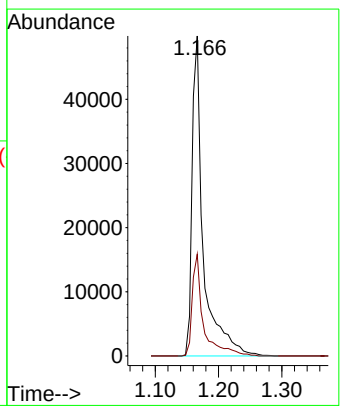
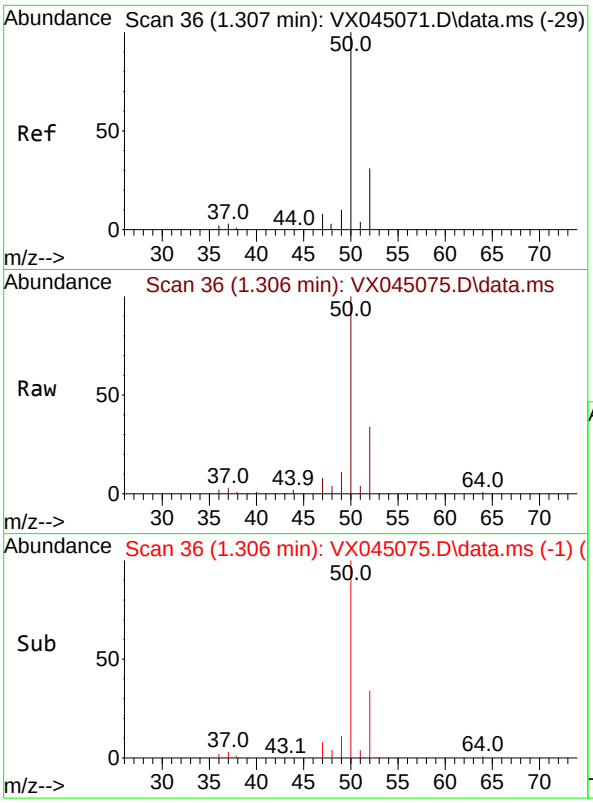


#2
Dichlorodifluoromethane
Concen: 47.933 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 85 Resp: 61303

Ion	Ratio	Lower	Upper
85	100		
87	31.8	17.4	52.3

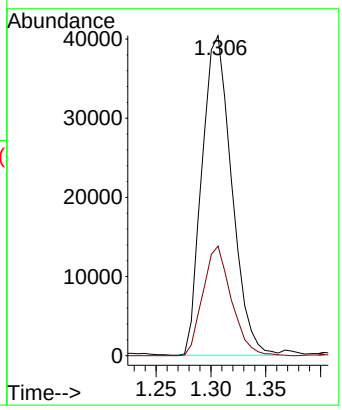




#3
Chloromethane
Concen: 48.696 ug/l
RT: 1.306 min Scan# 3(
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 50 Resp: 7621(

Ion	Ratio	Lower	Upper
50	100		
52	34.3	25.0	37.4



Instrument :
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ClientSampleId :
ICVVX022825

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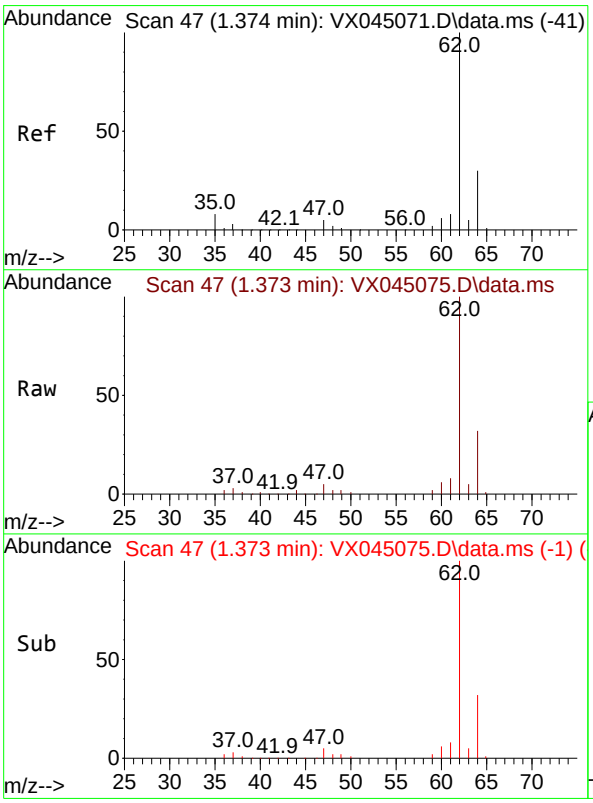
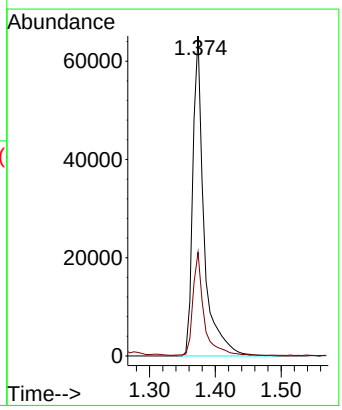
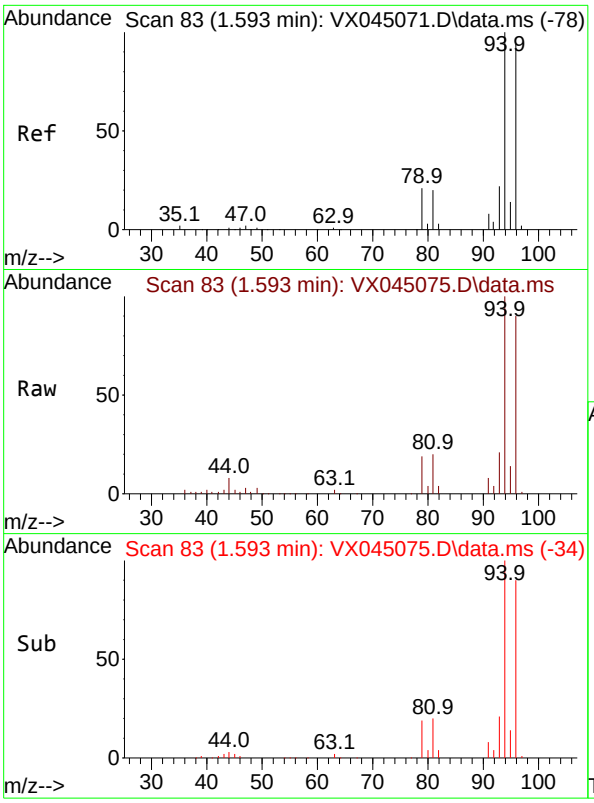


#4
Vinyl Chloride
Concen: 49.529 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 62 Resp: 76901

Ion	Ratio	Lower	Upper
62	100		
64	32.2	24.3	36.5

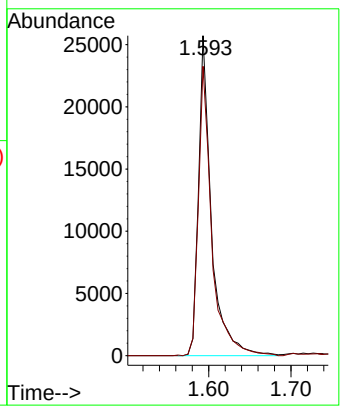




#5
Bromomethane
Concen: 46.190 ug/l
RT: 1.593 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 94 Resp: 2819

Ion	Ratio	Lower	Upper
94	100		
96	90.5	75.0	112.4



Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

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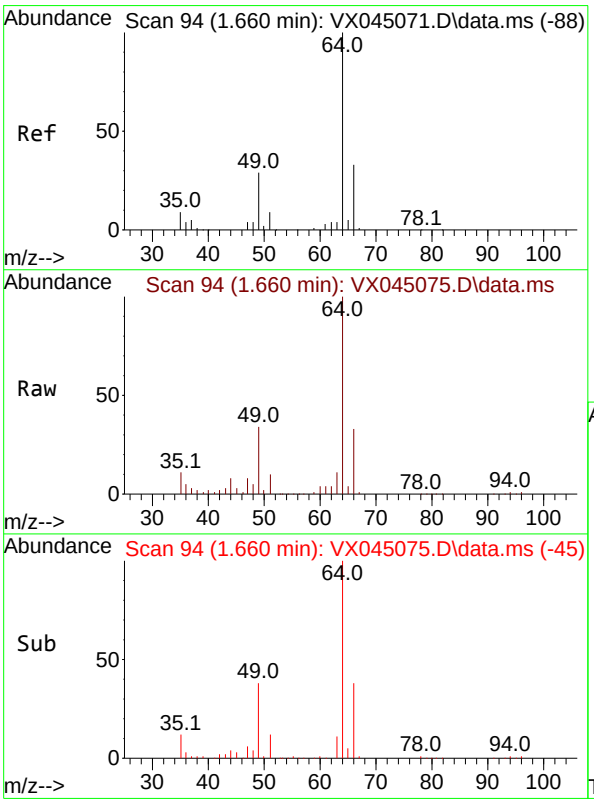
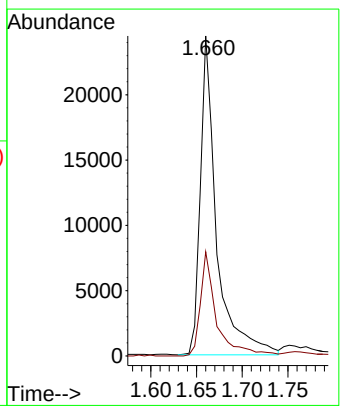
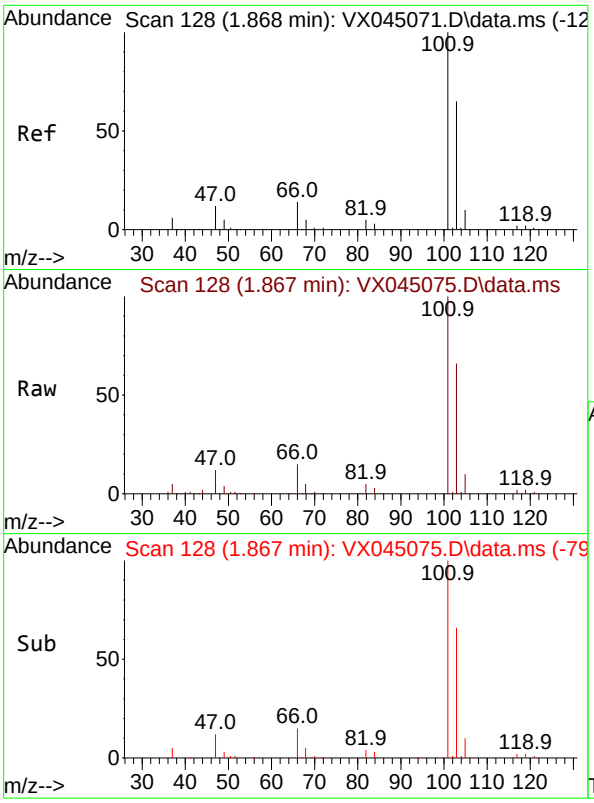


#6
Chloroethane
Concen: 41.948 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 64 Resp: 30042

Ion	Ratio	Lower	Upper
64	100		
66	32.6	26.7	40.1

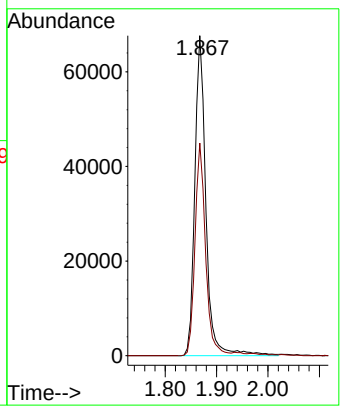




#7
Trichlorofluoromethane
Concen: 49.569 ug/l
RT: 1.867 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion:101 Resp: 10188

Ion	Ratio	Lower	Upper
101	100		
103	66.4	52.1	78.1



Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

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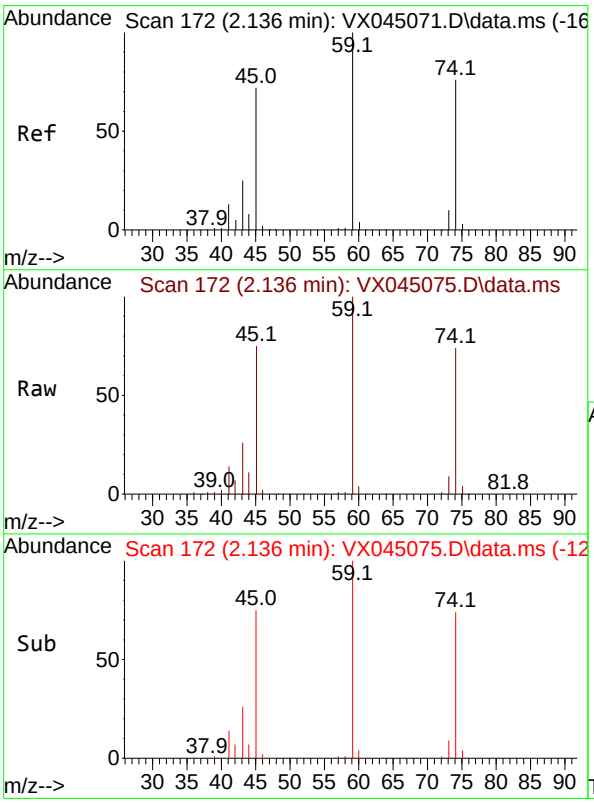
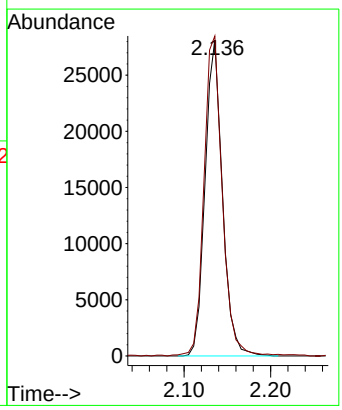
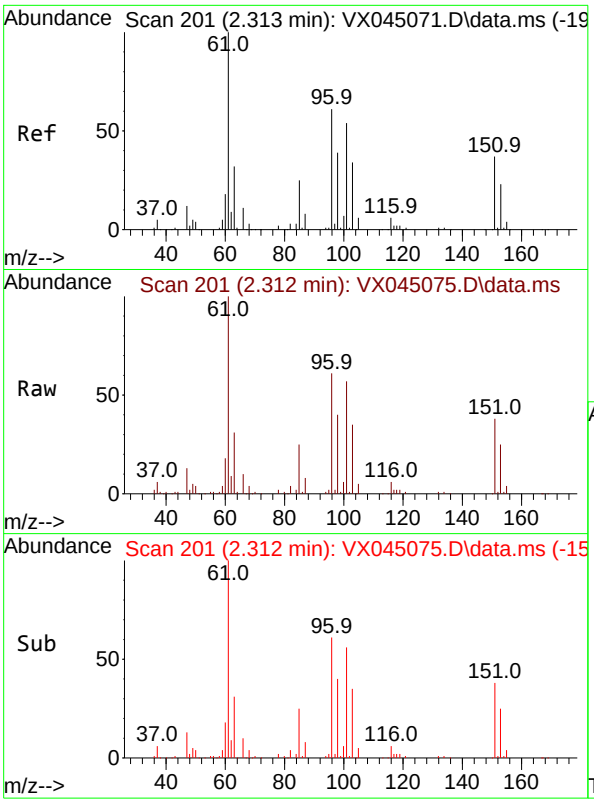


#8
Diethyl Ether
Concen: 48.651 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 74 Resp: 39113

Ion	Ratio	Lower	Upper
74	100		
45	107.2	51.5	154.5

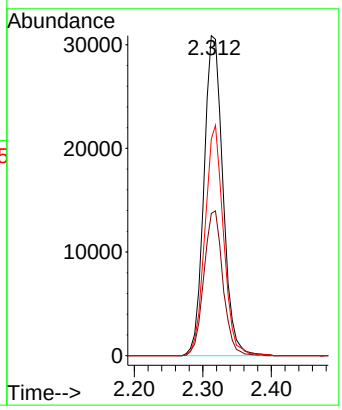




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.367 ug/l
RT: 2.312 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion:101 Resp: 5947

Ion	Ratio	Lower	Upper
101	100		
85	45.4	36.2	54.4
151	70.2	56.4	84.6



Instrument :
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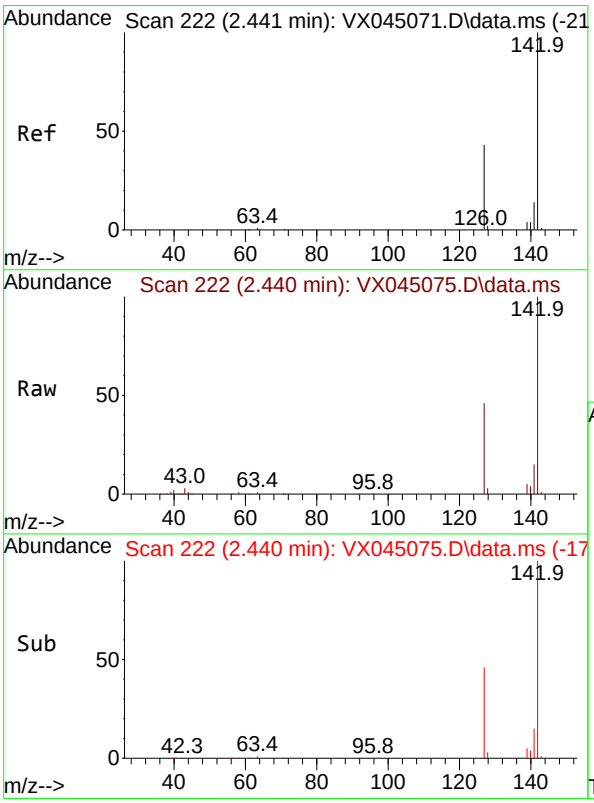
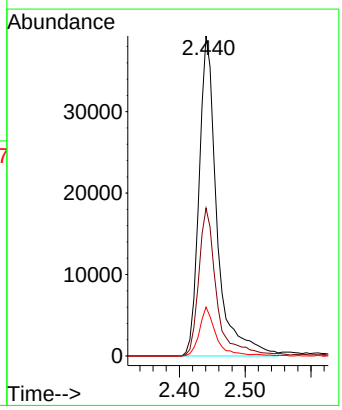
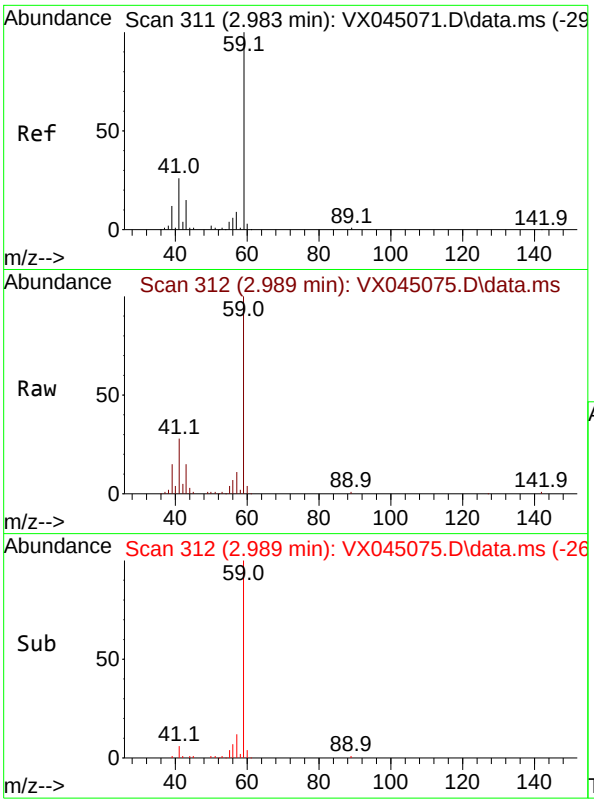


#10
Methyl Iodide
Concen: 50.541 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion:142 Resp: 74585

Ion	Ratio	Lower	Upper
142	100		
127	46.3	35.4	53.2
141	14.3	11.6	17.4

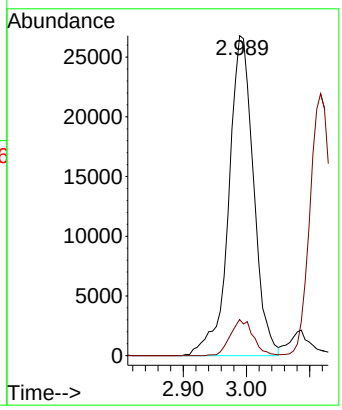




#11
Tert butyl alcohol
Concen: 238.577 ug/l
RT: 2.989 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 59 Resp: 7303

Ion	Ratio	Lower	Upper
59	100		
57	10.4	7.8	11.8



Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

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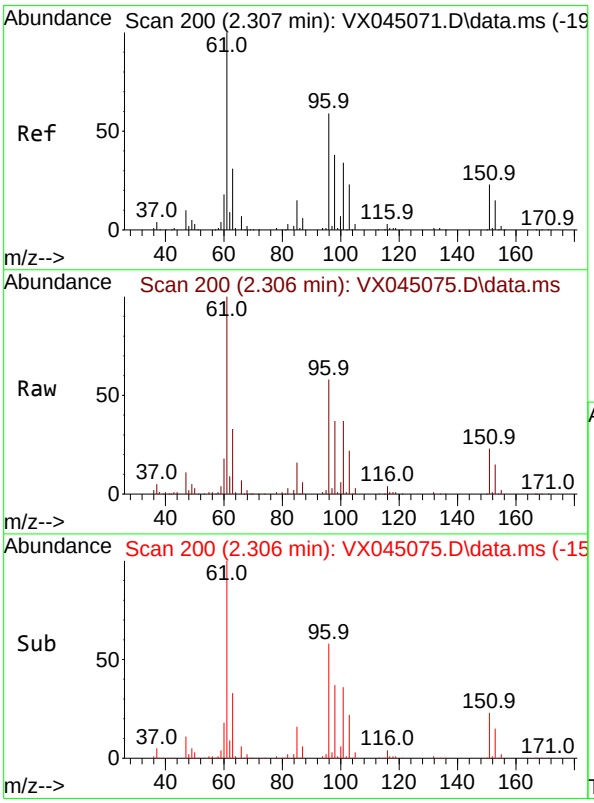
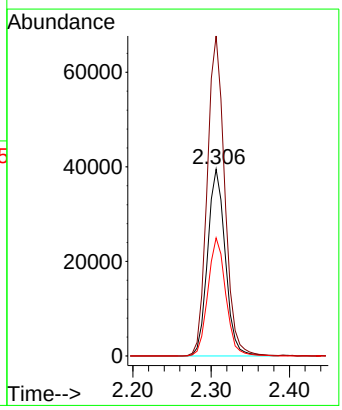
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

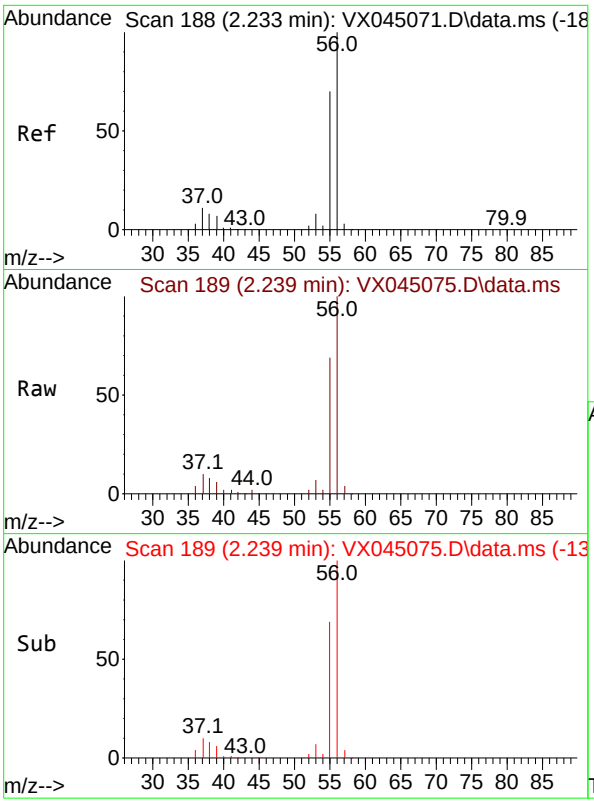


#12
1,1-Dichloroethene
Concen: 49.568 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 96 Resp: 61885

Ion	Ratio	Lower	Upper
96	100		
61	171.3	134.6	202.0
98	63.2	51.0	76.6

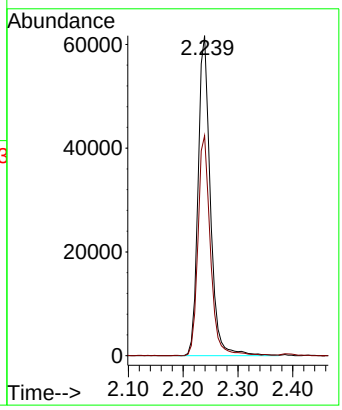




#13
Acrolein
Concen: 271.255 ug/l
RT: 2.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 56 Resp: 9598

Ion	Ratio	Lower	Upper
56	100		
55	69.5	56.2	84.4



Instrument :
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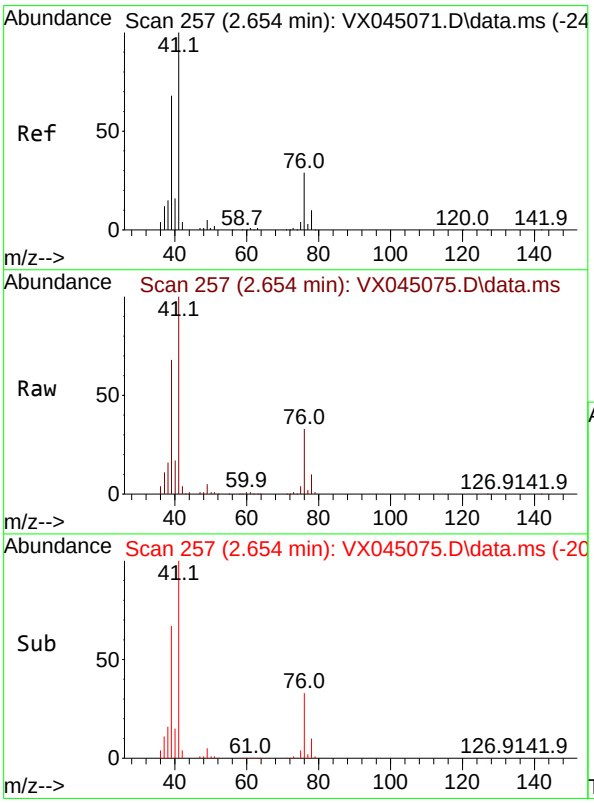
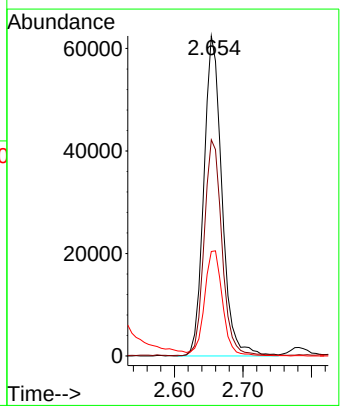
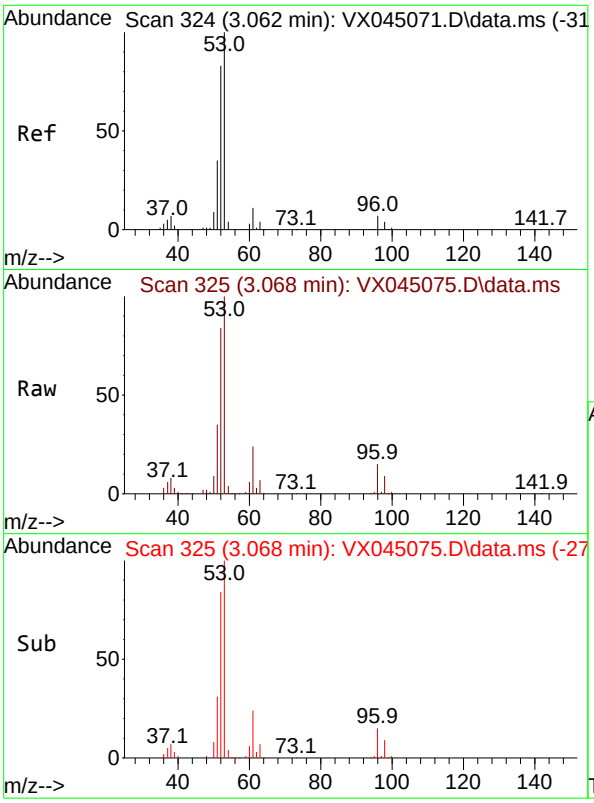


#14
Allyl chloride
Concen: 51.691 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 41 Resp: 114875

Ion	Ratio	Lower	Upper
41	100		
39	66.3	53.8	80.8
76	33.0	25.2	37.8

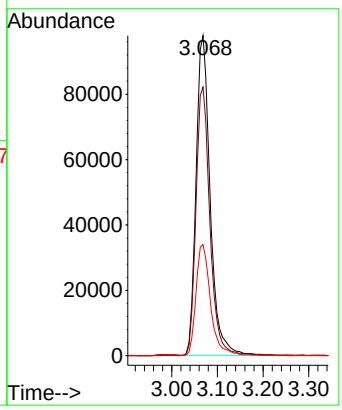




#15
Acrylonitrile
Concen: 255.479 ug/l
RT: 3.068 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 53 Resp: 20960

Ion	Ratio	Lower	Upper
53	100		
52	83.8	66.2	99.2
51	35.8	29.0	43.4



Instrument :
MSVOA_X
ClientSampleId :
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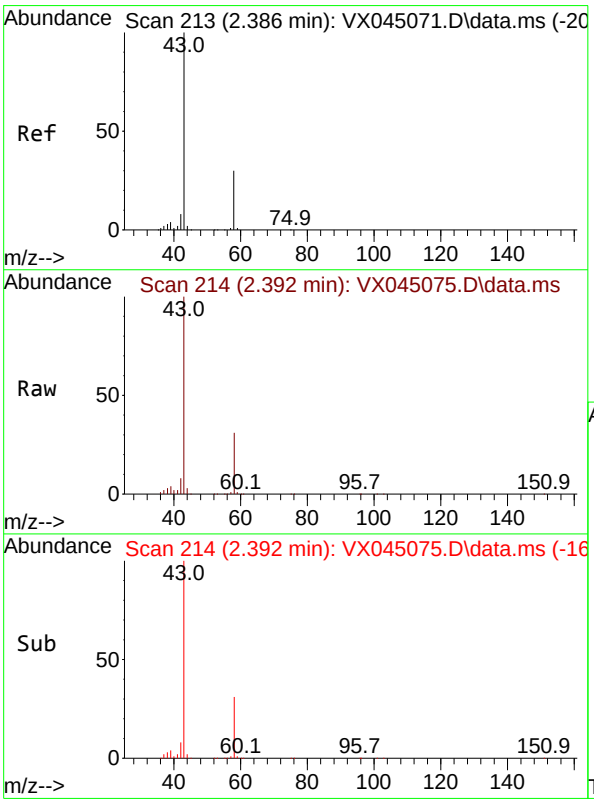
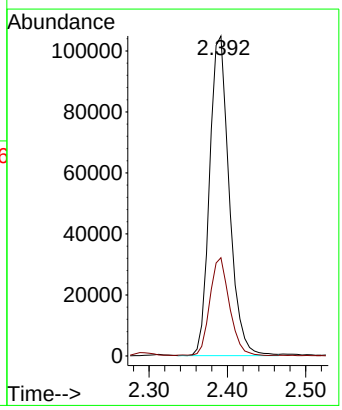
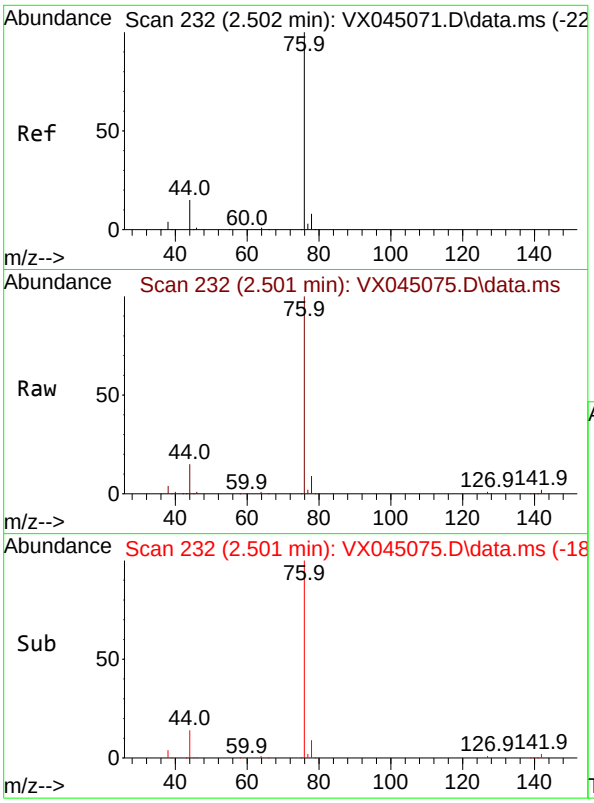


#16
Acetone
Concen: 242.877 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 43 Resp: 182119

Ion	Ratio	Lower	Upper
43	100		
58	30.5	24.2	36.4

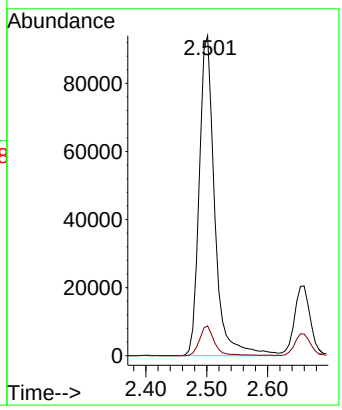




#17
Carbon Disulfide
Concen: 49.952 ug/l
RT: 2.501 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 76 Resp: 16610

Ion	Ratio	Lower	Upper
76	100		
78	9.3	6.6	9.8



Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

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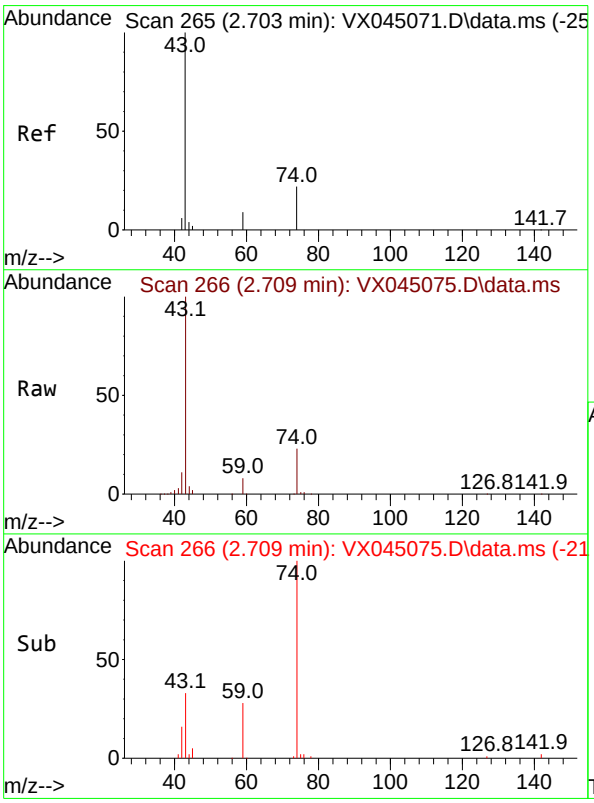
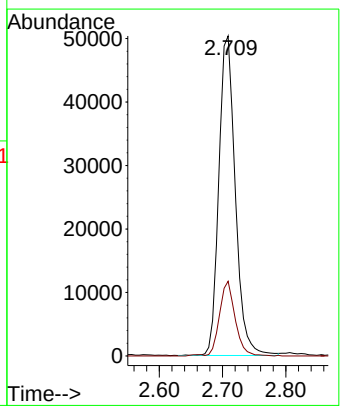
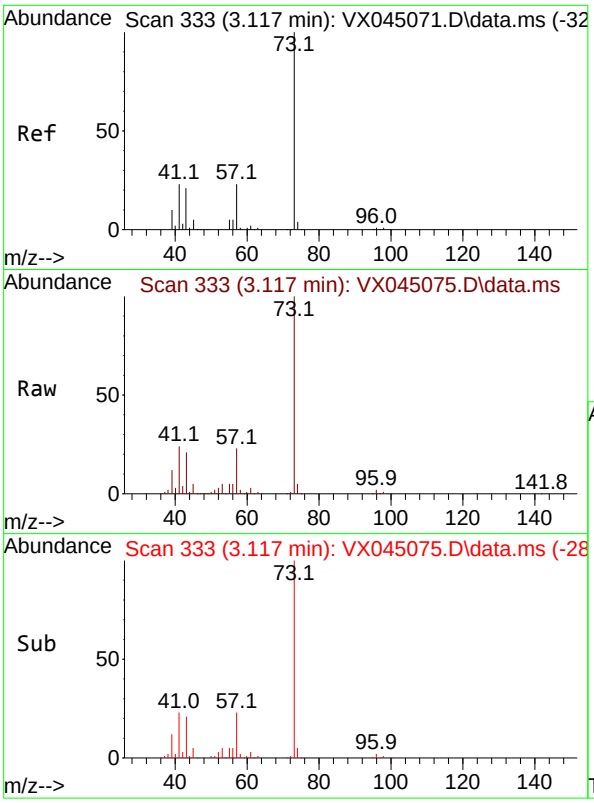


#18
Methyl Acetate
Concen: 50.312 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 43 Resp: 90756

Ion	Ratio	Lower	Upper
43	100		
74	22.1	17.4	26.2

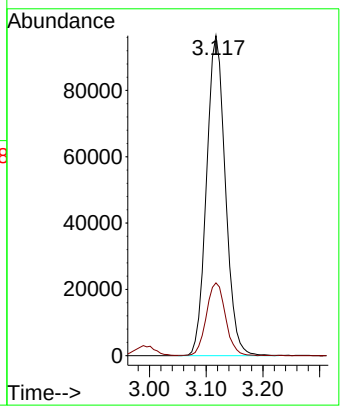




#19
Methyl tert-butyl Ether
Concen: 53.114 ug/l
RT: 3.117 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 73 Resp: 22247

Ion	Ratio	Lower	Upper
73	100		
57	22.7	18.5	27.7



Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

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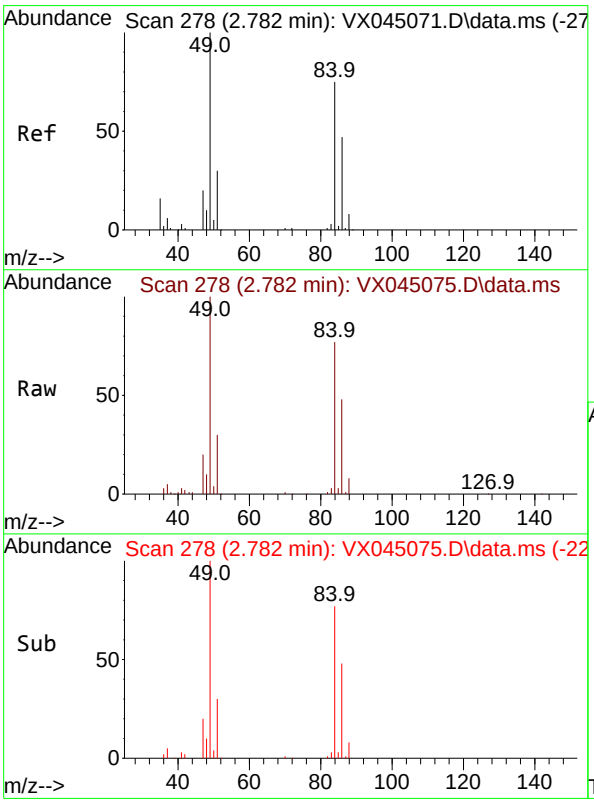
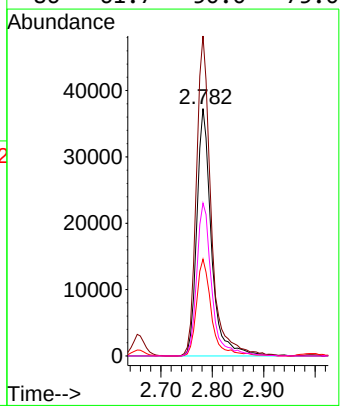
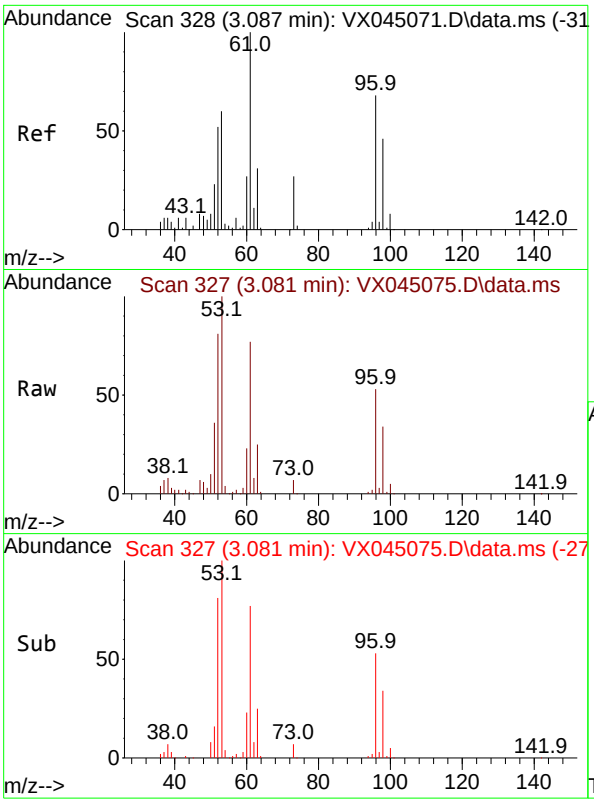


#20
Methylene Chloride
Concen: 49.639 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 84 Resp: 73731

Ion	Ratio	Lower	Upper
84	100		
49	129.3	106.5	159.7
51	39.1	32.1	48.1
86	61.7	50.0	75.0

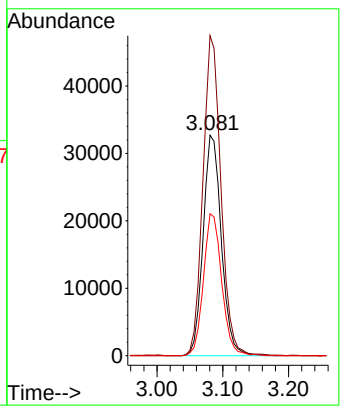




#21
trans-1,2-Dichloroethene
Concen: 51.172 ug/l
RT: 3.081 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 96 Resp: 6311

Ion	Ratio	Lower	Upper
96	100		
61	145.2	117.0	175.4
98	64.4	53.4	80.2



Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

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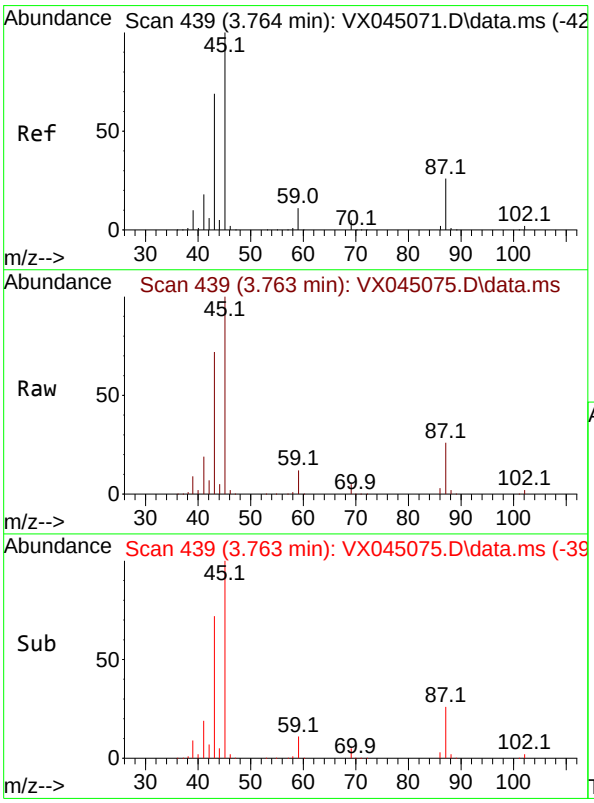
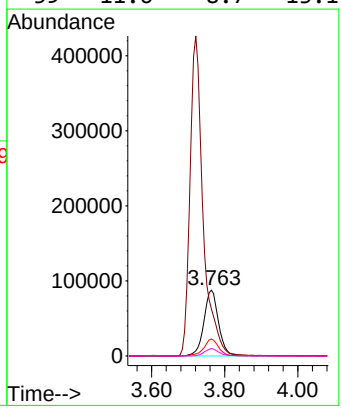
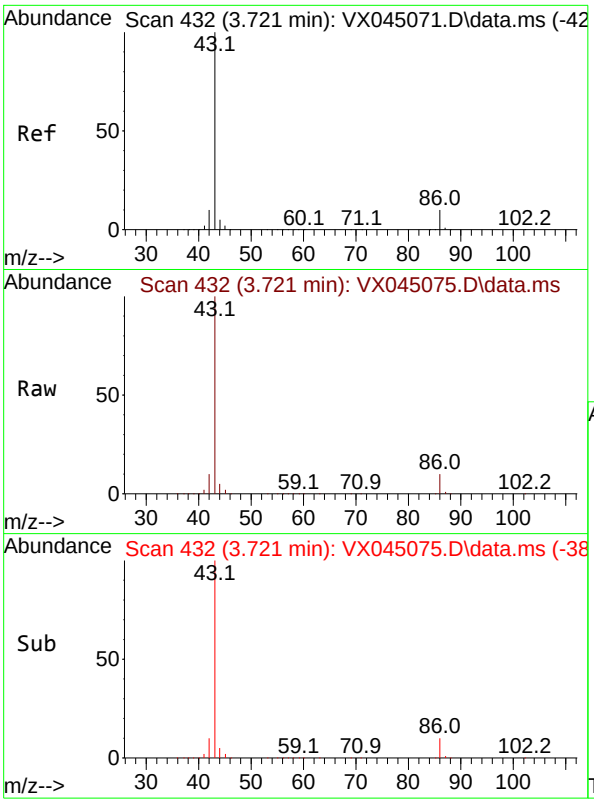


#22
Diisopropyl ether
Concen: 53.955 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 45 Resp: 243860

Ion	Ratio	Lower	Upper
45	100		
43	71.9	54.9	82.3
87	25.8	21.0	31.4
59	11.6	8.7	13.1

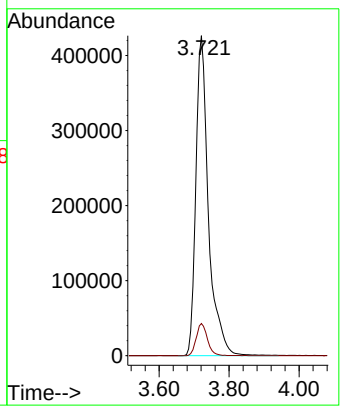




#23
Vinyl Acetate
Concen: 282.313 ug/l
RT: 3.721 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 43 Resp: 106481

Ion	Ratio	Lower	Upper
43	100		
86	10.0	8.1	12.1



Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

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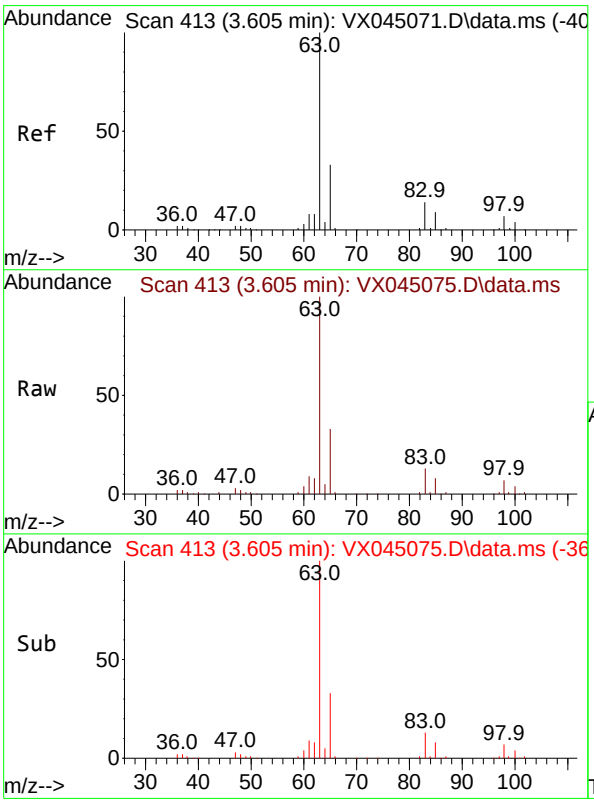
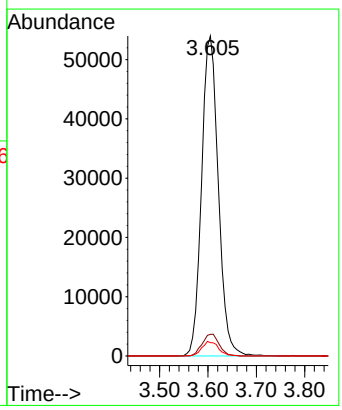
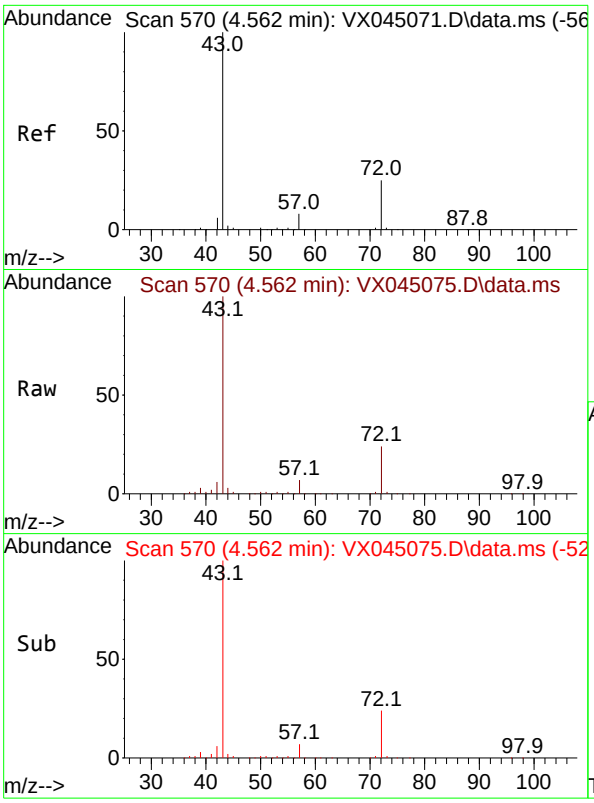


#24
1,1-Dichloroethane
Concen: 51.190 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 63 Resp: 129666

Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.4	10.2
100	4.1	2.1	6.5

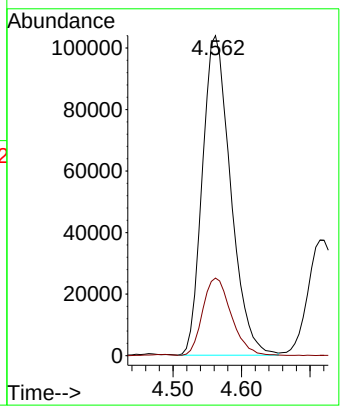




#25
2-Butanone
Concen: 264.040 ug/l
RT: 4.562 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 43 Resp: 29802

Ion	Ratio	Lower	Upper
43	100		
72	24.1	20.0	30.0



Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

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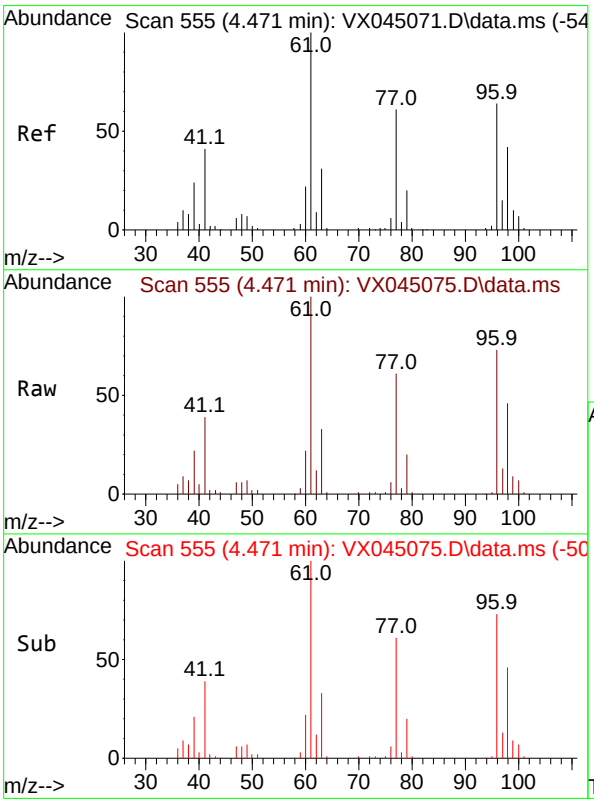
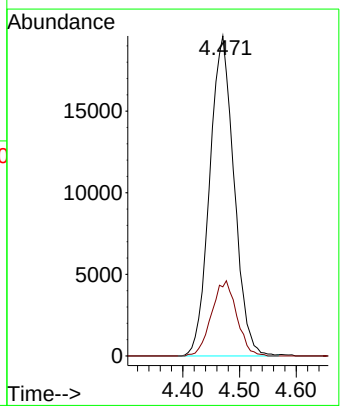
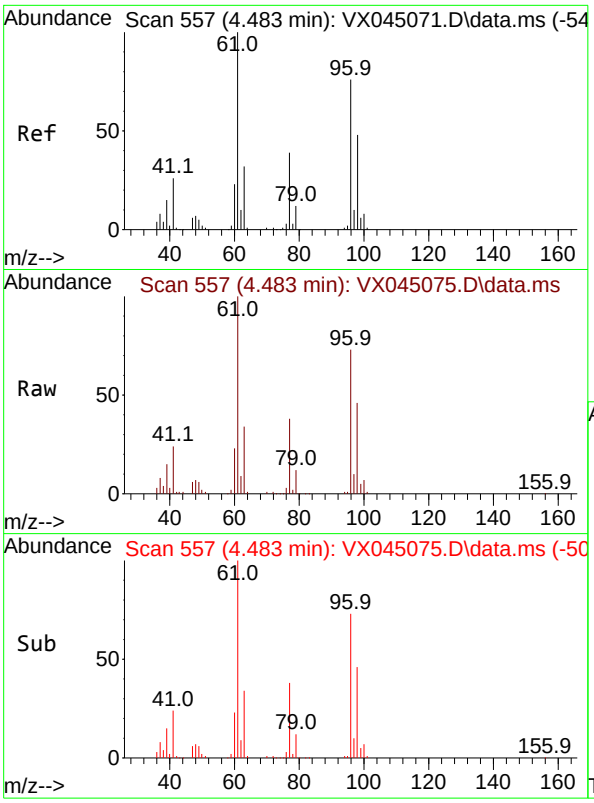


#26
2,2-Dichloropropane
Concen: 49.401 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 77 Resp: 58694

Ion	Ratio	Lower	Upper
77	100		
97	24.2	12.4	37.0

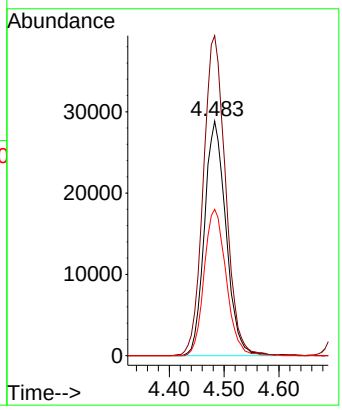




#27
cis-1,2-Dichloroethene
Concen: 51.606 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 96 Resp: 7857

Ion	Ratio	Lower	Upper
96	100		
61	141.2	0.0	283.2
98	63.8	0.0	128.0



Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Manual Integrations
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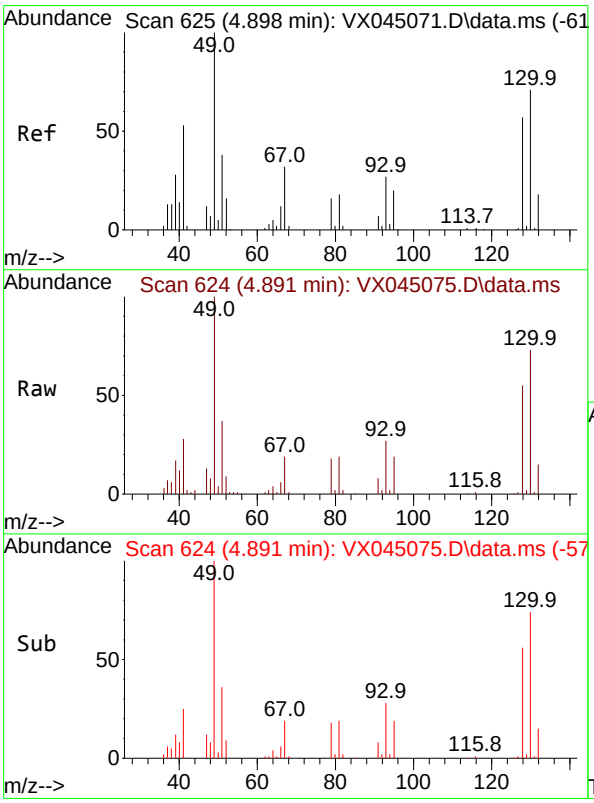
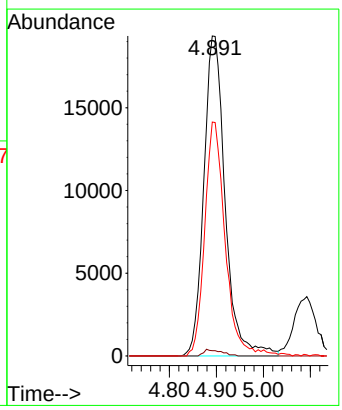
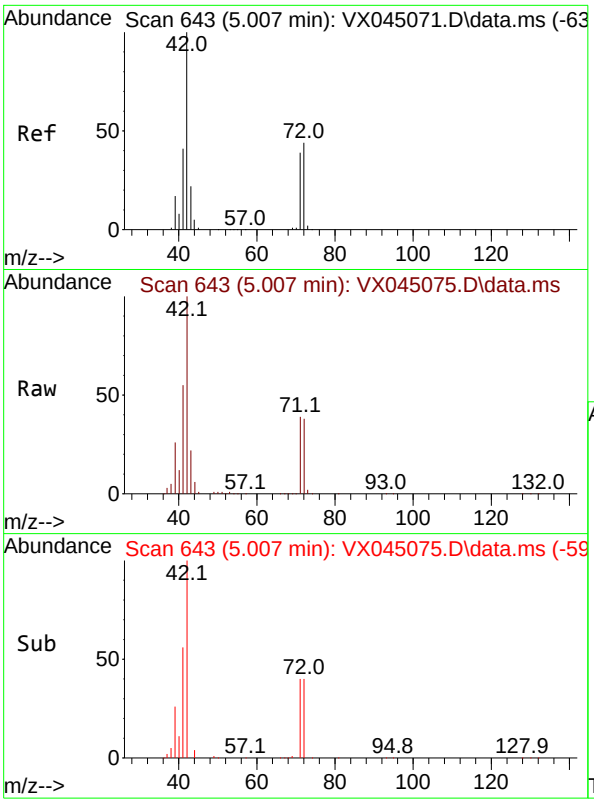


#28
Bromochloromethane
Concen: 50.399 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 49 Resp: 60849

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.4
130	70.0	56.1	84.1

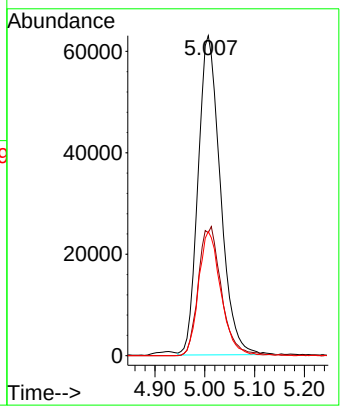




#29
Tetrahydrofuran
Concen: 258.277 ug/l
RT: 5.007 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 42 Resp: 19576

Ion	Ratio	Lower	Upper
42	100		
72	42.0	34.1	51.1
71	38.9	31.4	47.0



Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

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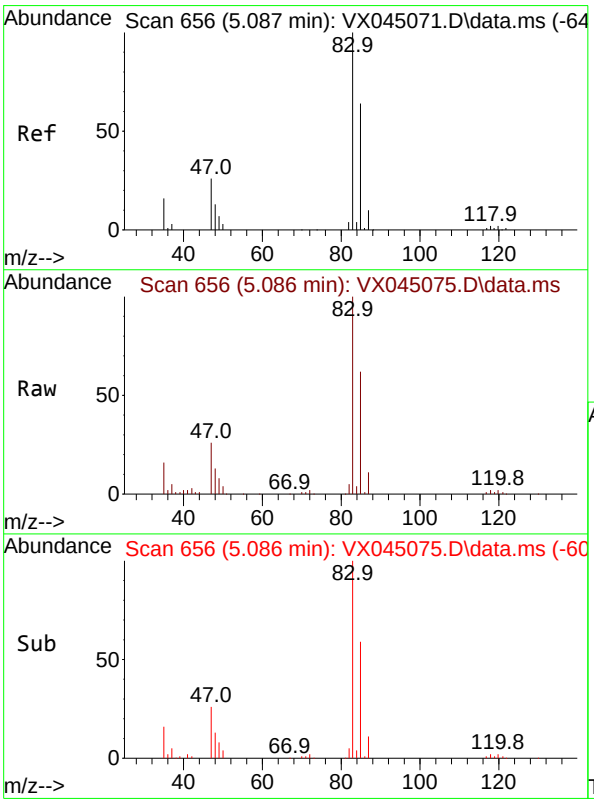
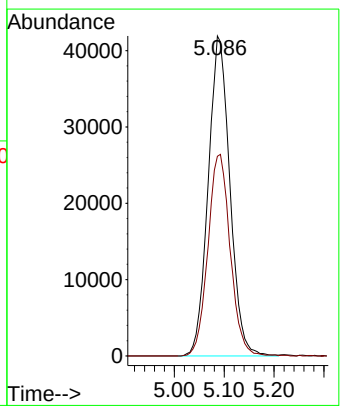
Supervised By :Mahesh Dadoda 02/28/2025

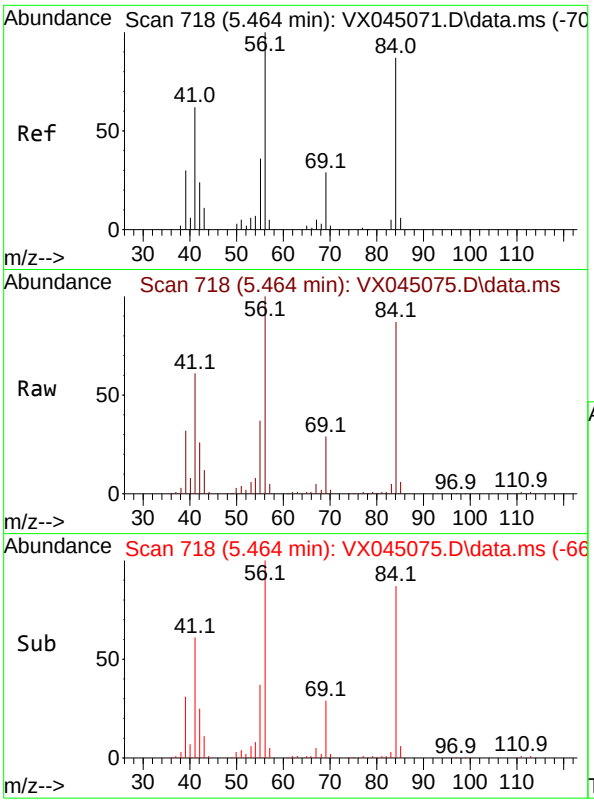


#30
Chloroform
Concen: 50.236 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 83 Resp: 126437

Ion	Ratio	Lower	Upper
83	100		
85	62.4	51.4	77.2

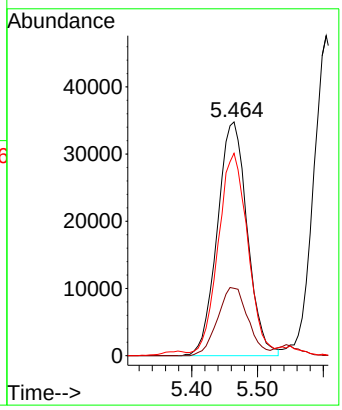




#31
Cyclohexane
Concen: 50.158 ug/l
RT: 5.464 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 56 Resp: 11028

Ion	Ratio	Lower	Upper
56	100		
69	28.8	23.4	35.2
84	84.6	69.4	104.2



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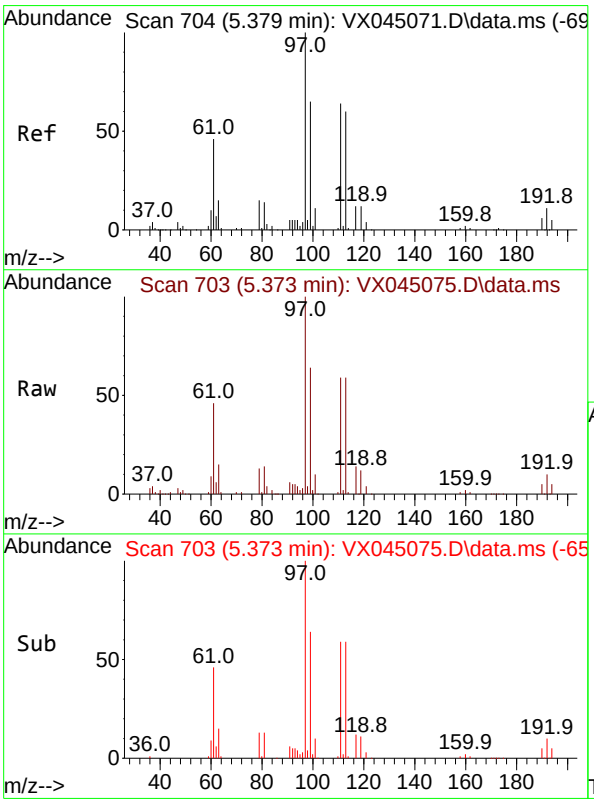
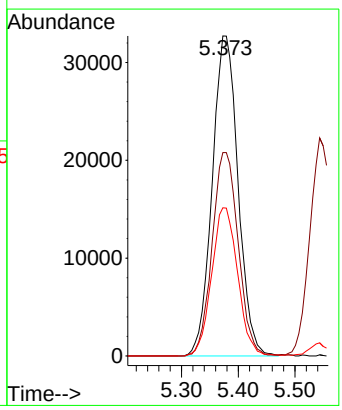
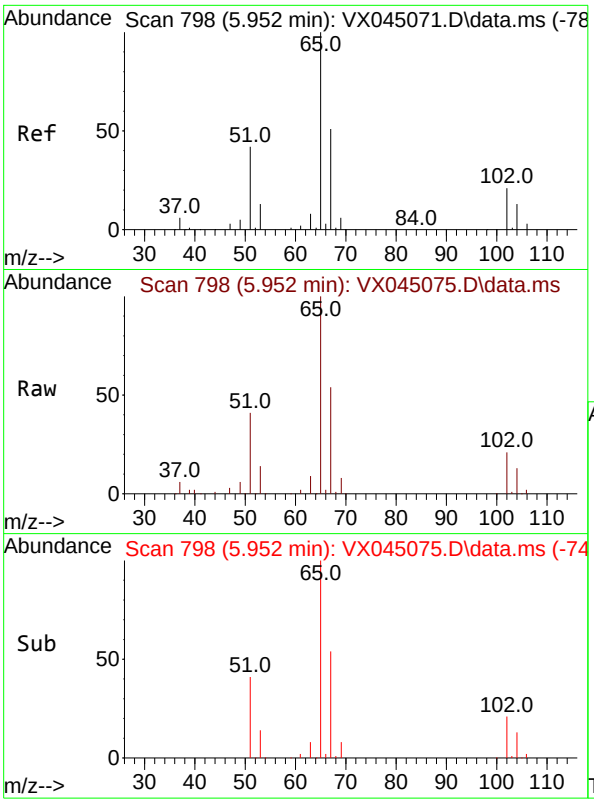


#32
1,1,1-Trichloroethane
Concen: 50.939 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 97 Resp: 103546

Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.6	77.4
61	46.7	38.4	57.6

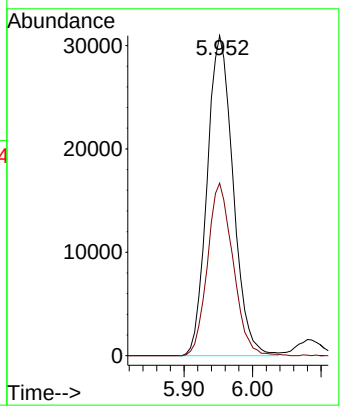




#33
1,2-Dichloroethane-d4
Concen: 50.297 ug/l
RT: 5.952 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 65 Resp: 8128

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	106.2



Instrument :
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ClientSampleId :
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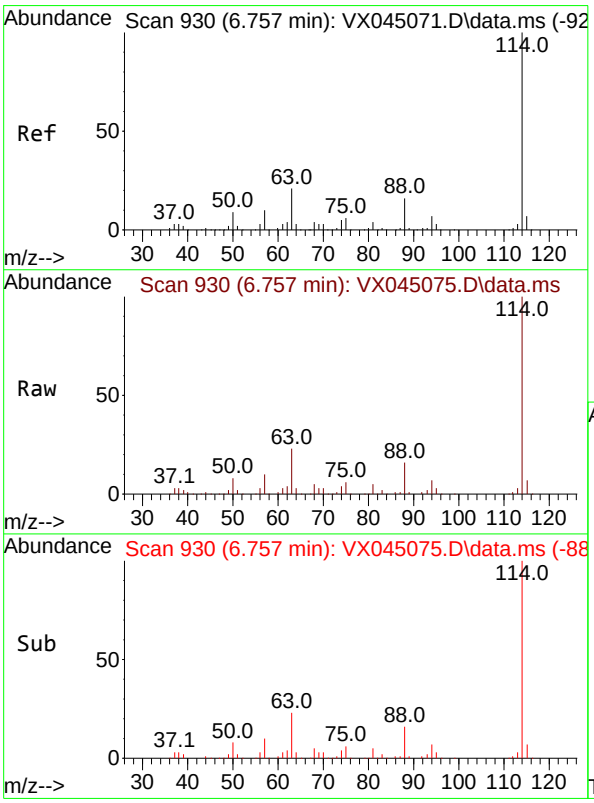
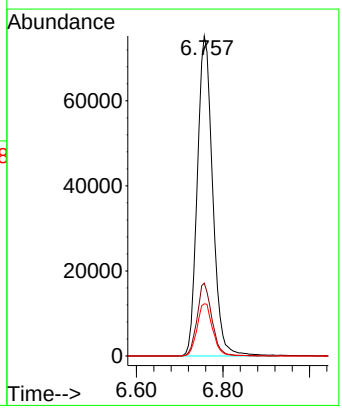
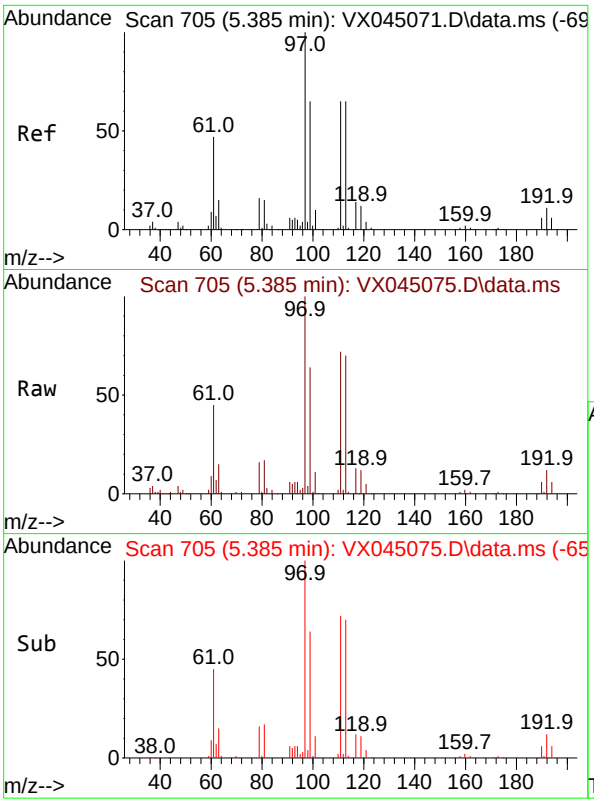


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion:114 Resp: 184964

Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	41.8
88	16.3	0.0	32.8

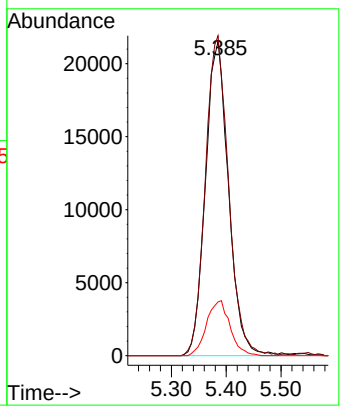




#35
Dibromofluoromethane
Concen: 50.841 ug/l
RT: 5.385 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion:113 Resp: 6288

Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.8	122.6
192	17.8	14.3	21.5



Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

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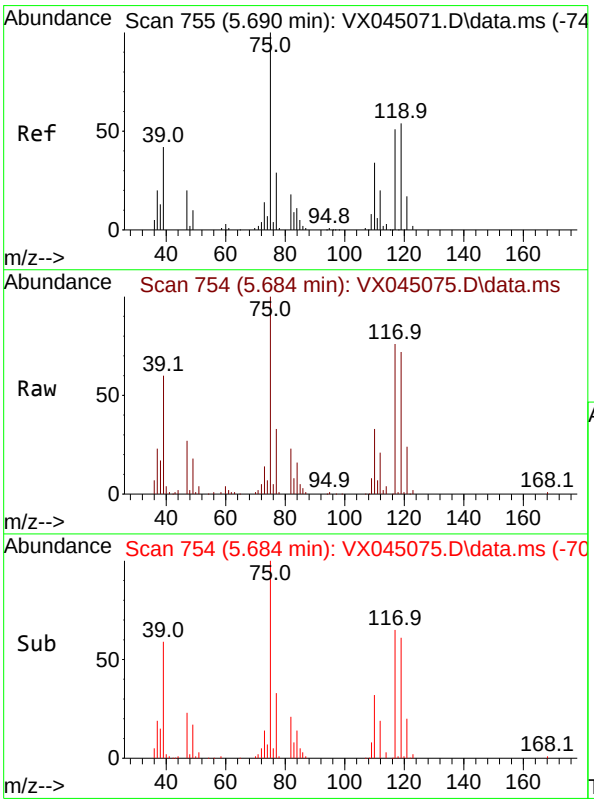
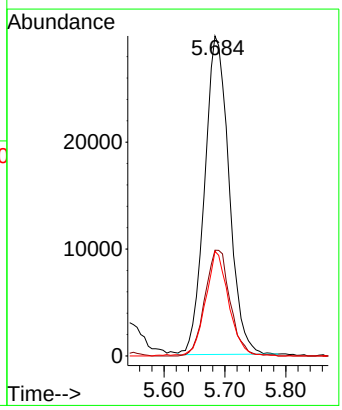
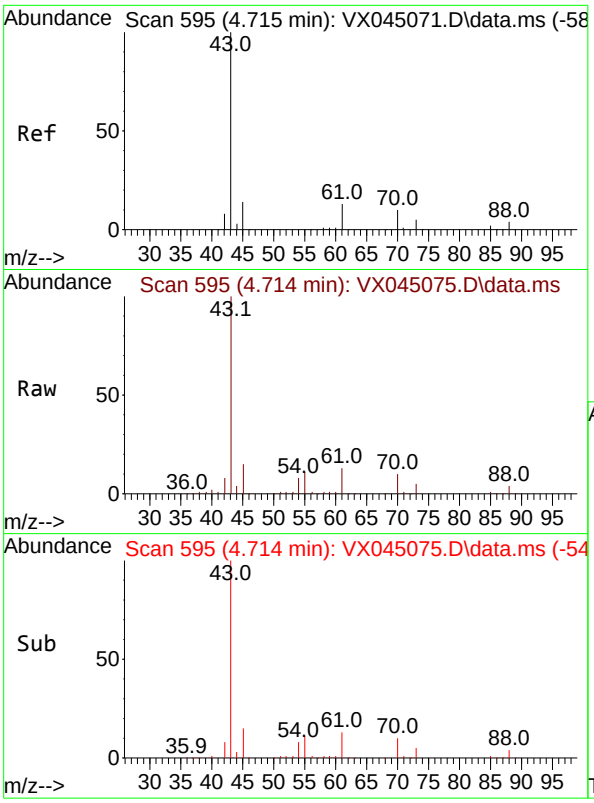


#36
1,1-Dichloropropene
Concen: 48.770 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 75 Resp: 82722

Ion	Ratio	Lower	Upper
75	100		
110	34.3	16.9	50.6
77	31.2	24.5	36.7





#37
Ethyl Acetate
Concen: 51.596 ug/l
RT: 4.714 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 43 Resp: 11276

Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.8	16.2
70	10.1	7.7	11.5

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

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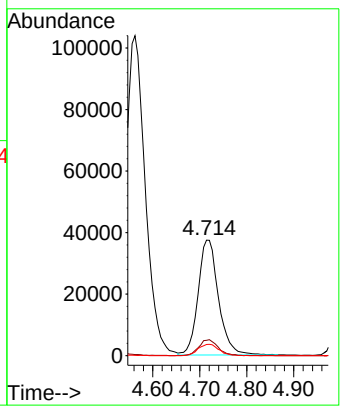
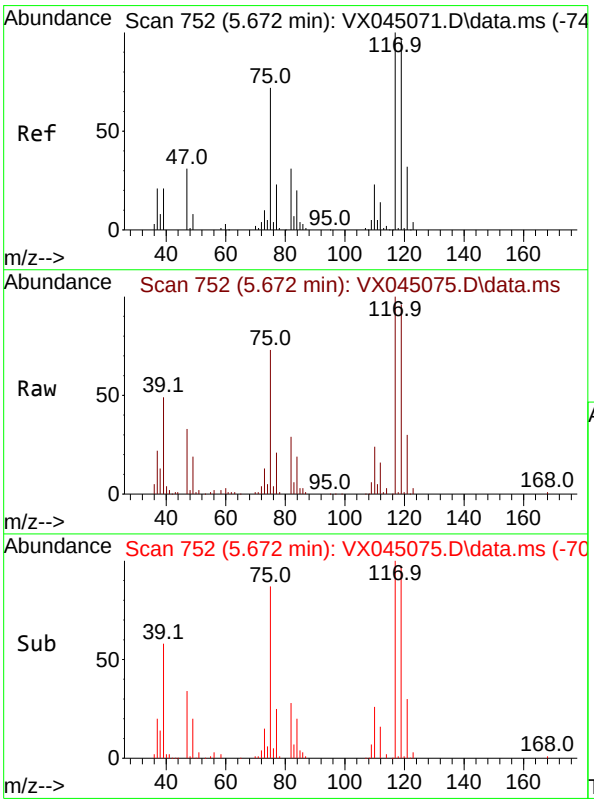
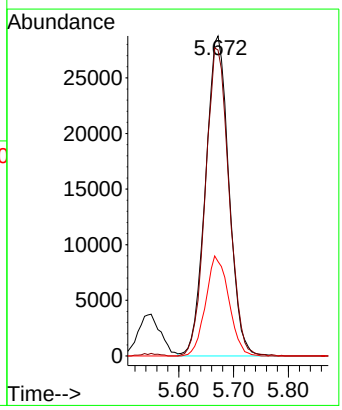


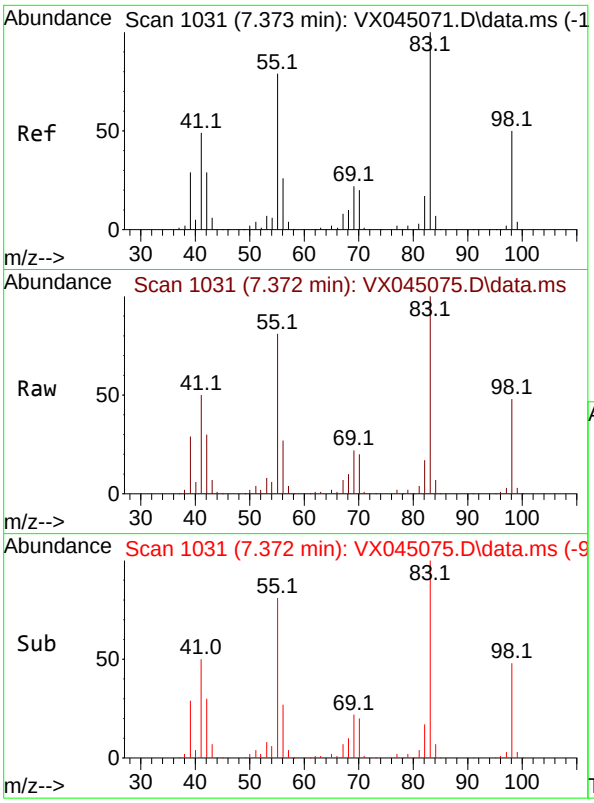


#38
Carbon Tetrachloride
Concen: 49.425 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion:117 Resp: 85110

Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.7	115.1
121	29.5	25.5	38.3

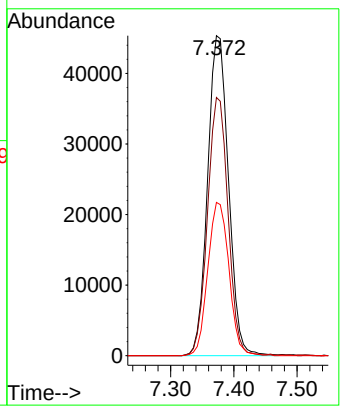




#39
Methylcyclohexane
Concen: 51.169 ug/l
RT: 7.372 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 83 Resp: 10399

Ion	Ratio	Lower	Upper
83	100		
55	80.7	63.0	94.4
98	47.9	39.7	59.5



Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

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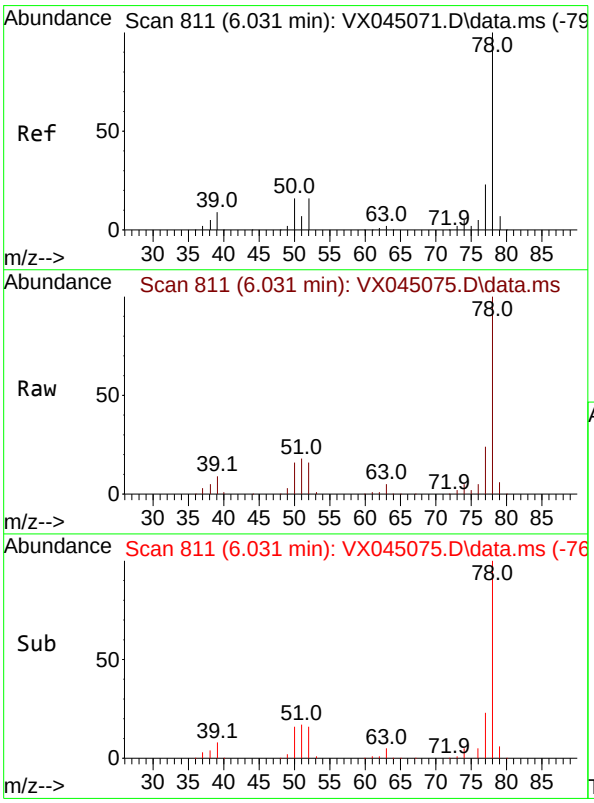
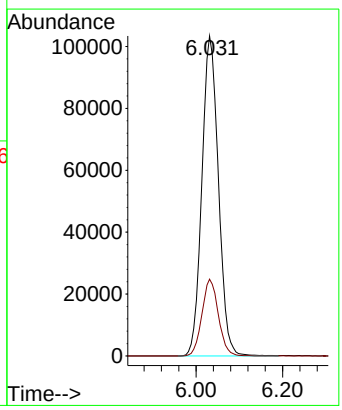
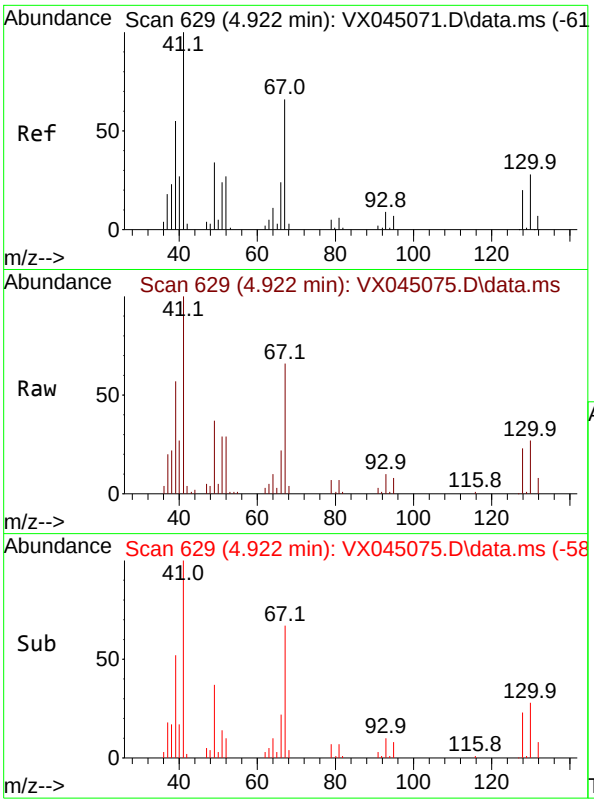


#40
Benzene
Concen: 51.195 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 78 Resp: 274206

Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.8	28.2

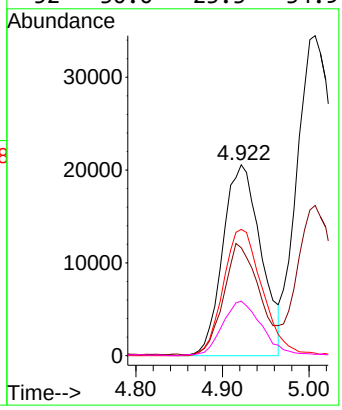




#41
Methacrylonitrile
Concen: 53.352 ug/l
RT: 4.922 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 41 Resp: 6305

Ion	Ratio	Lower	Upper
41	100		
39	55.0	44.6	67.0
67	68.1	53.9	80.9
52	30.0	23.3	34.9



Instrument :
MSVOA_X
ClientSampleId :
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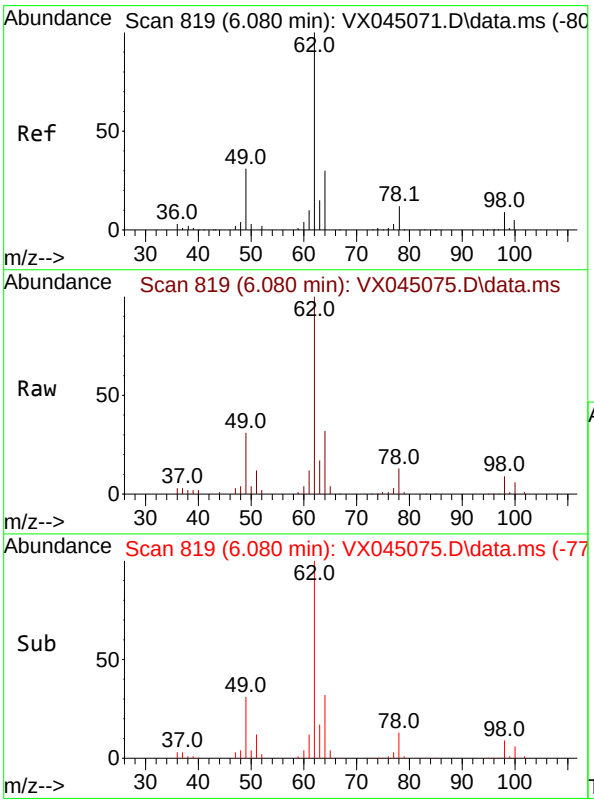
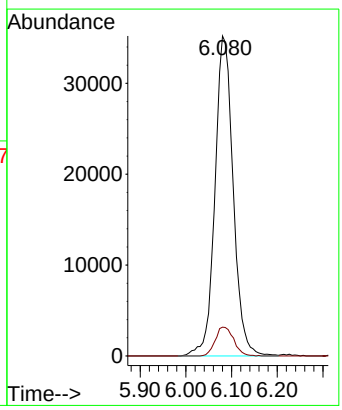
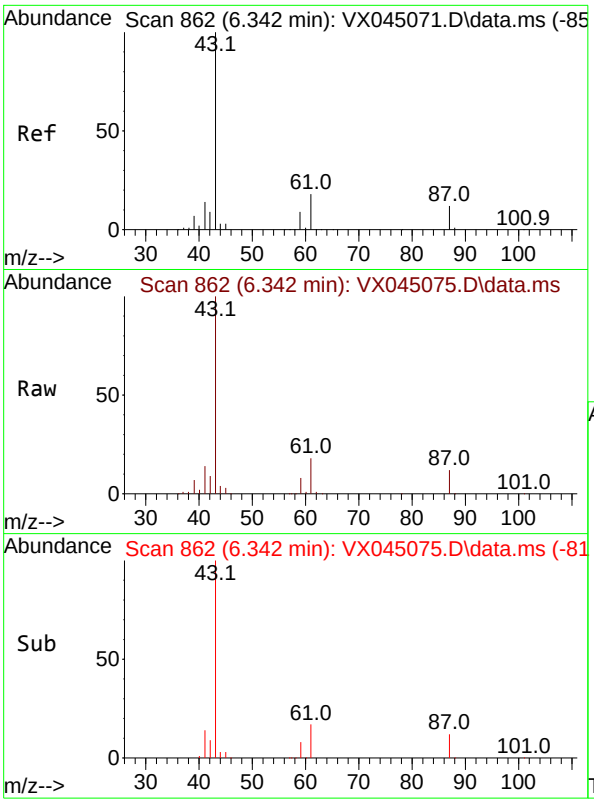


#42
1,2-Dichloroethane
Concen: 50.718 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 62 Resp: 97821

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.2

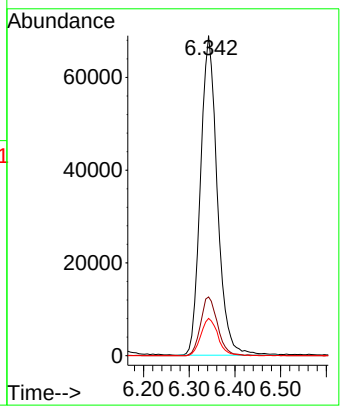




#43
Isopropyl Acetate
Concen: 54.452 ug/l
RT: 6.342 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 43 Resp: 17598

Ion	Ratio	Lower	Upper
43	100		
61	18.5	14.9	22.3
87	11.8	9.4	14.2



Instrument :
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ClientSampleId :
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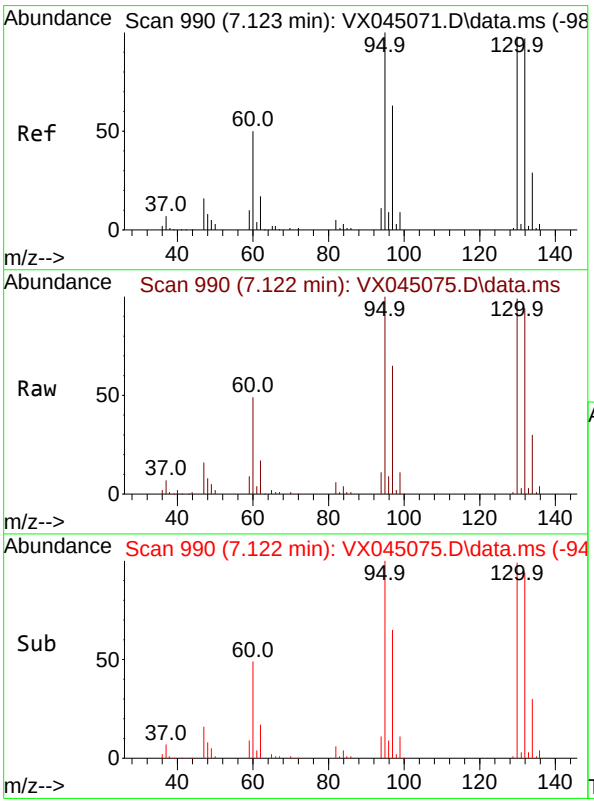
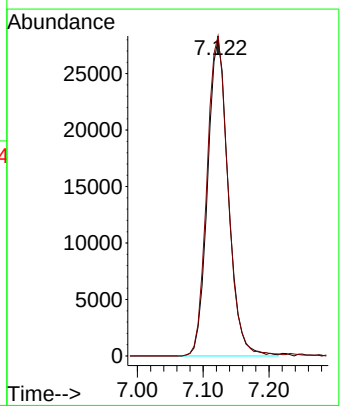
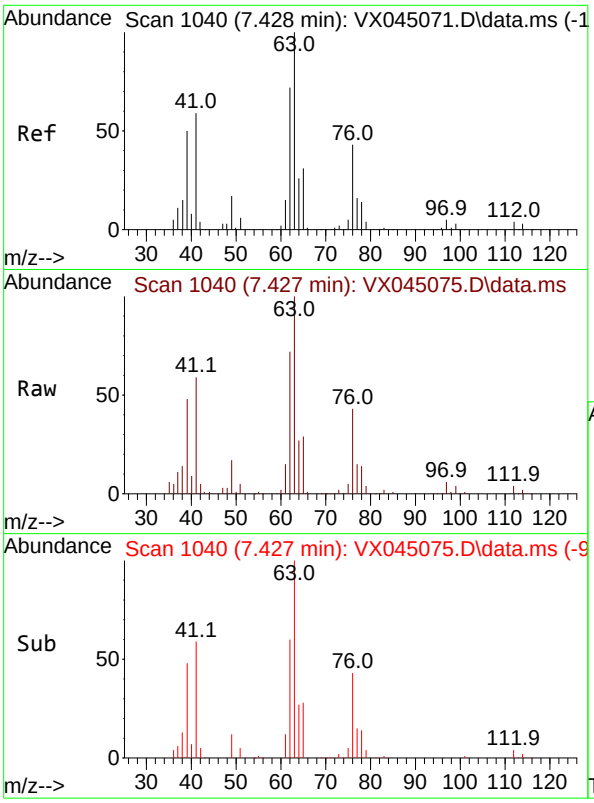


#44
Trichloroethene
Concen: 48.924 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion:130 Resp: 61530

Ion	Ratio	Lower	Upper
130	100		
95	101.1	0.0	205.0

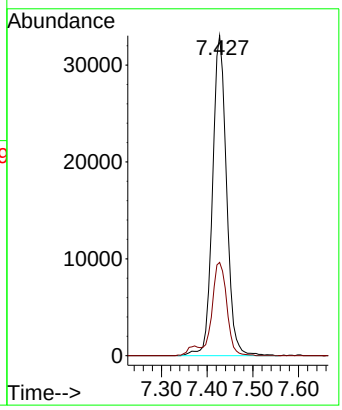




#45
1,2-Dichloropropane
Concen: 51.086 ug/l
RT: 7.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 63 Resp: 7035

Ion	Ratio	Lower	Upper
63	100		
65	29.2	24.7	37.1



Instrument :
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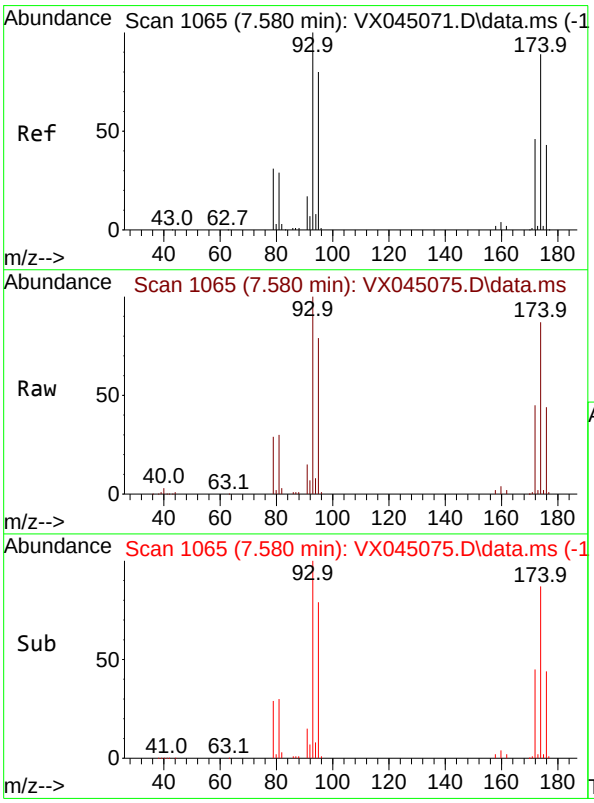
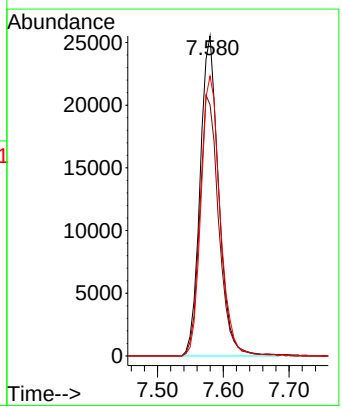
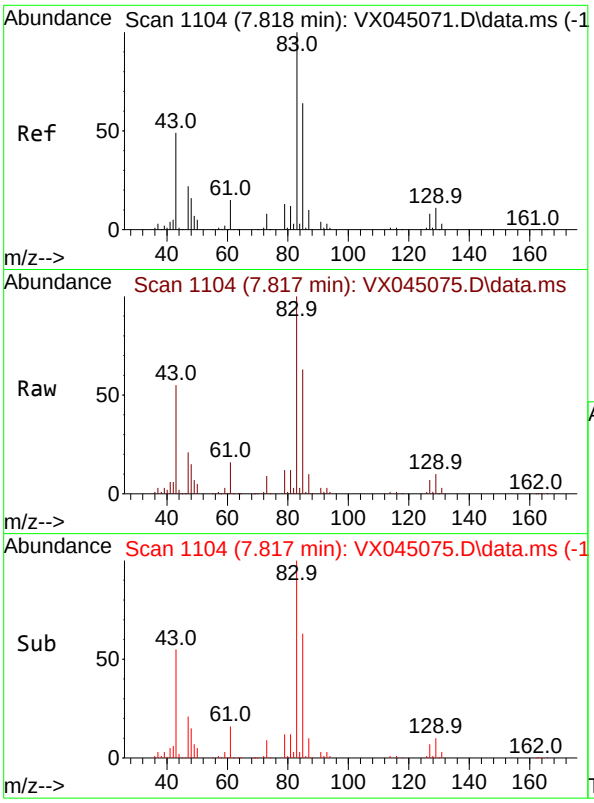


#46
Dibromomethane
Concen: 51.661 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 93 Resp: 50284

Ion	Ratio	Lower	Upper
93	100		
95	82.8	65.8	98.8
174	89.4	72.2	108.2

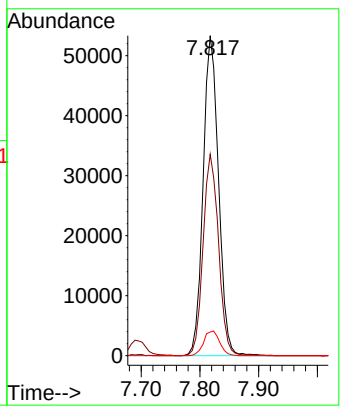




#47
Bromodichloromethane
Concen: 50.930 ug/l
RT: 7.817 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 83 Resp: 9723

Ion	Ratio	Lower	Upper
83	100		
85	63.0	51.1	76.7
127	7.4	6.4	9.6



Instrument :
MSVOA_X
ClientSampleId :
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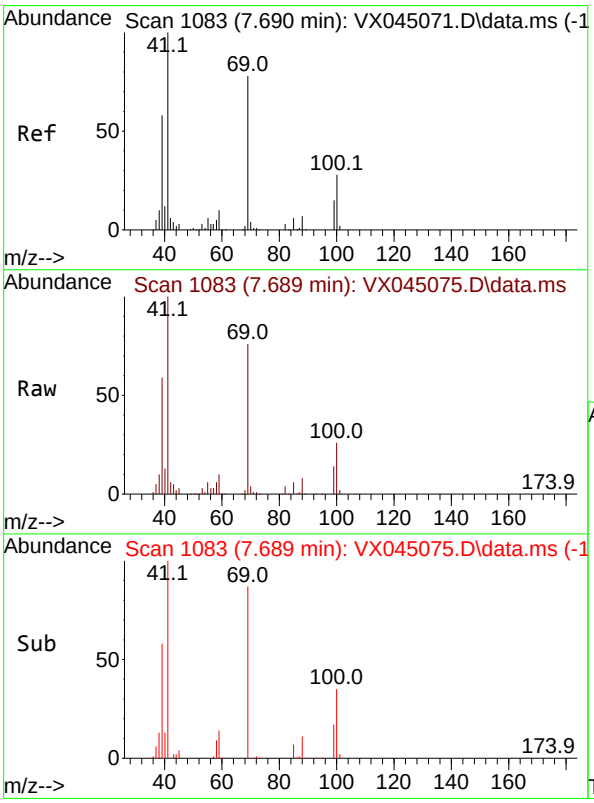
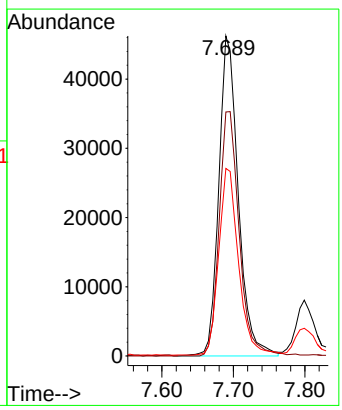
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

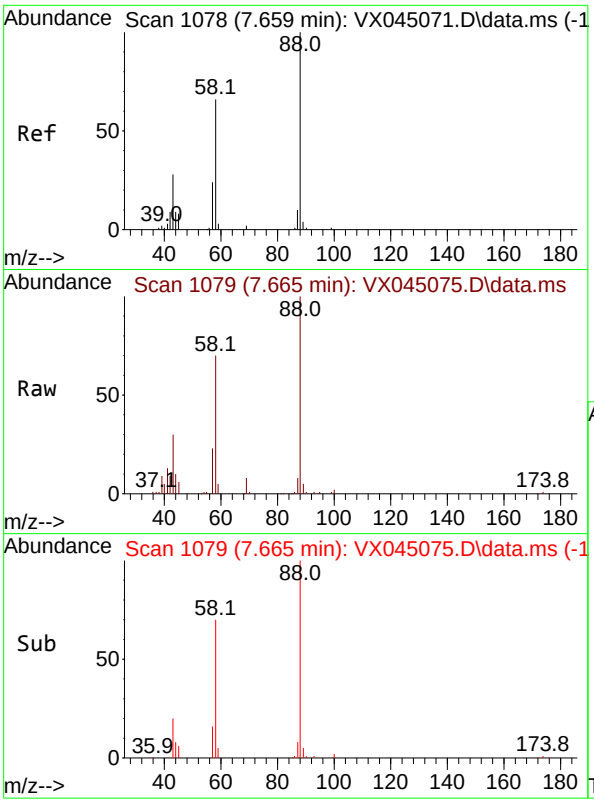


#48
Methyl methacrylate
Concen: 54.016 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 41 Resp: 87582

Ion	Ratio	Lower	Upper
41	100		
69	78.5	63.0	94.6
39	59.4	47.5	71.3





#49
1,4-Dioxane
Concen: 1049.007 ug/l
RT: 7.665 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 88 Resp: 3587

Ion	Ratio	Lower	Upper
88	100		
43	34.3	28.7	43.1
58	70.8	55.8	83.8

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

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Reviewed By :John Carlone 02/28/2025
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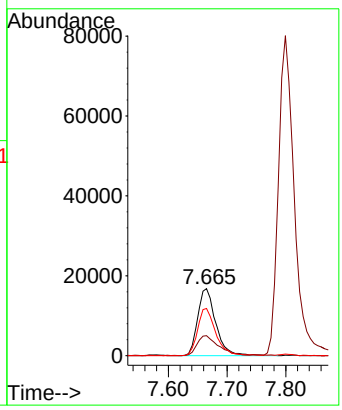
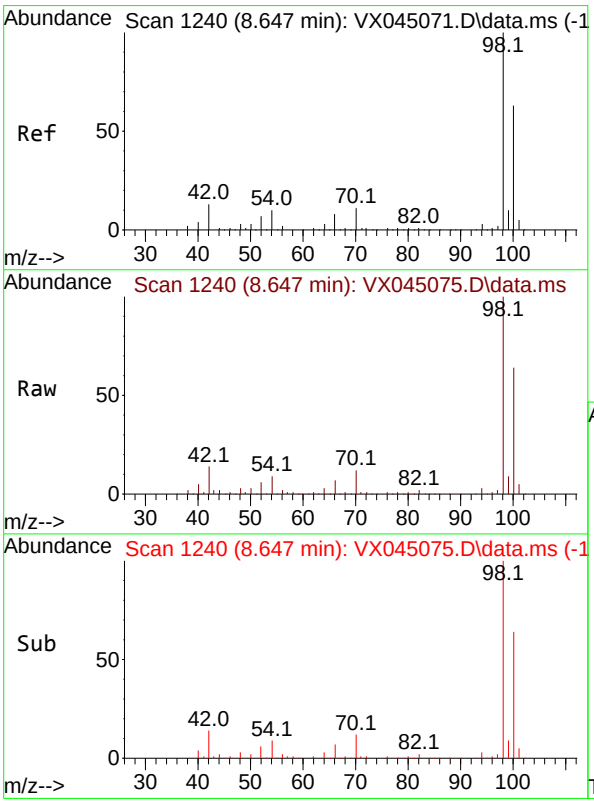
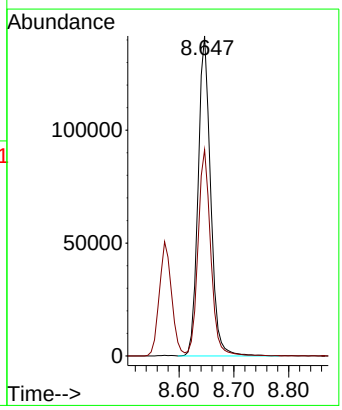


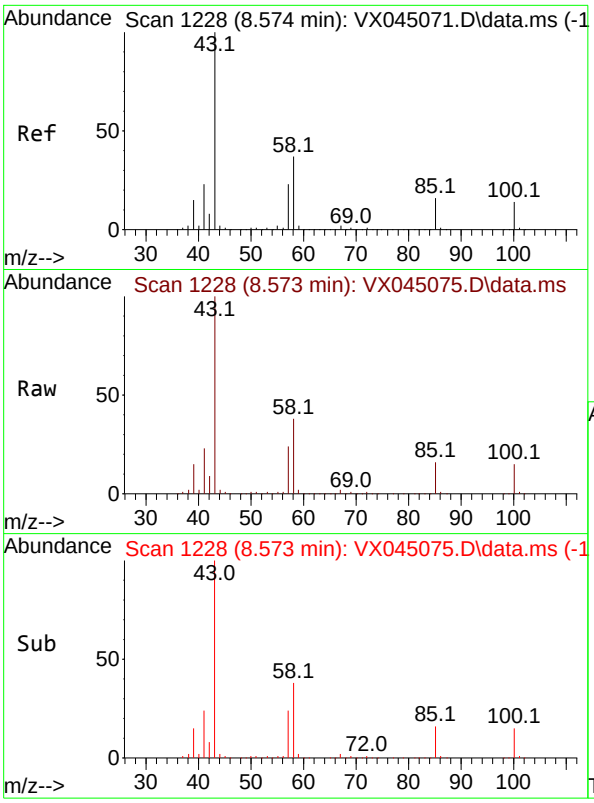


#50
Toluene-d8
Concen: 50.364 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 98 Resp: 225823

Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.0	78.0

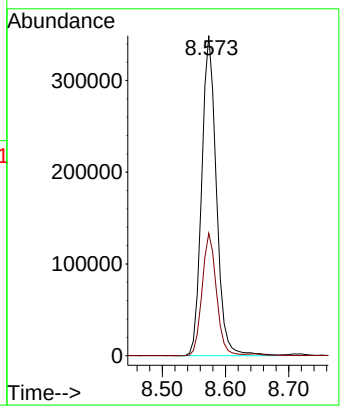




#51
4-Methyl-2-Pentanone
Concen: 259.995 ug/l
RT: 8.573 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 43 Resp: 56419

Ion	Ratio	Lower	Upper
43	100		
58	37.3	29.2	43.8



Instrument :
MSVOA_X
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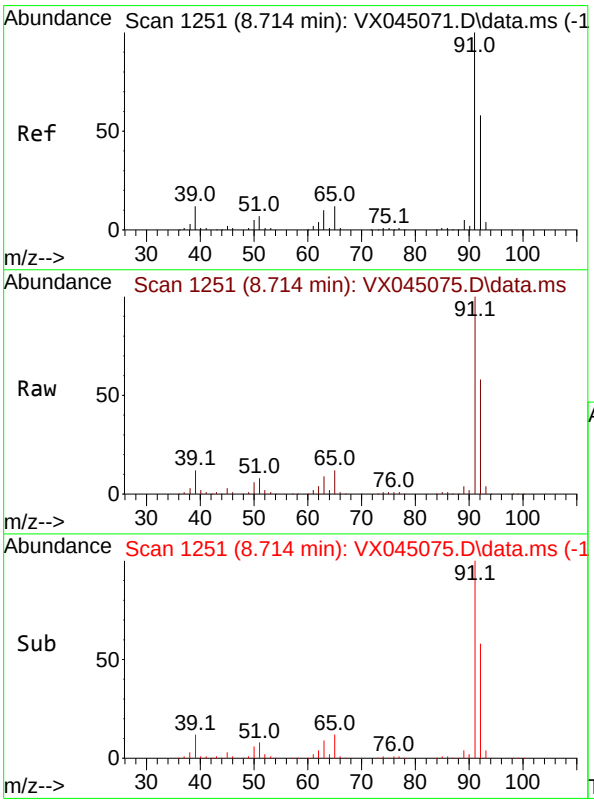
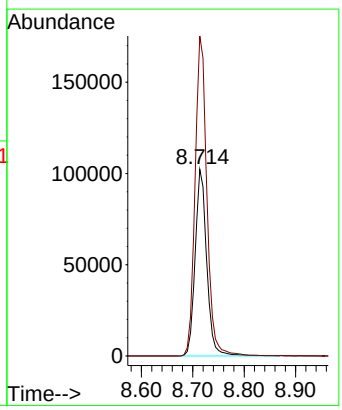
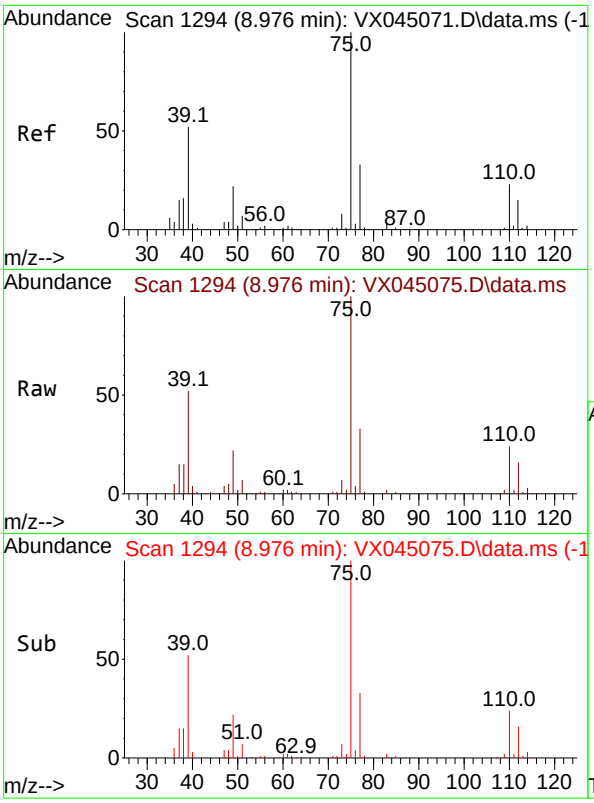


#52
Toluene
Concen: 51.020 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 92 Resp: 160331

Ion	Ratio	Lower	Upper
92	100		
91	175.1	138.9	208.3

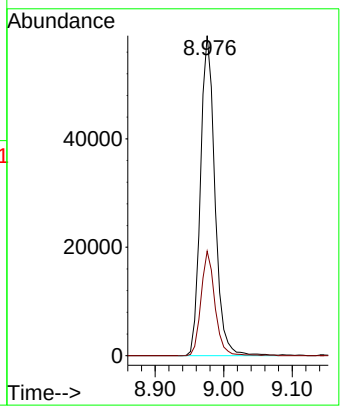




#53
t-1,3-Dichloropropene
Concen: 54.247 ug/l
RT: 8.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 75 Resp: 8658

Ion	Ratio	Lower	Upper
75	100		
77	32.7	26.5	39.7



Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

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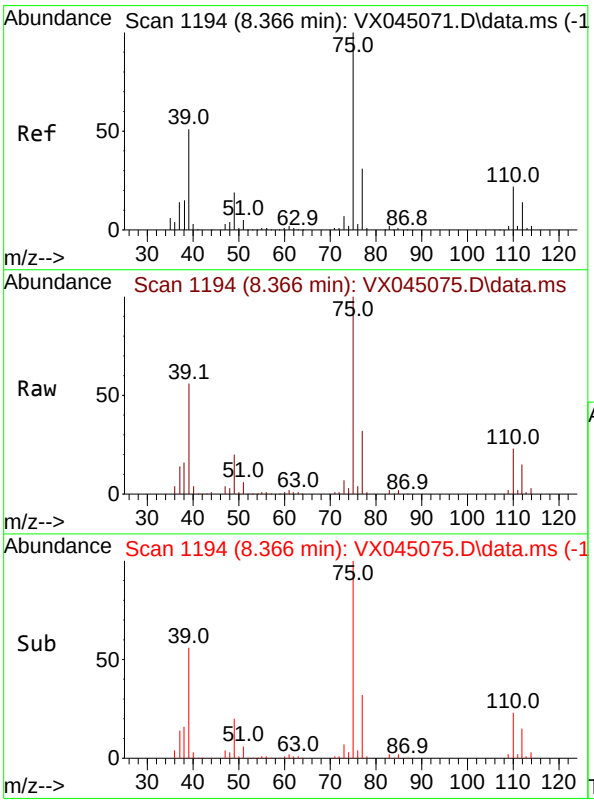
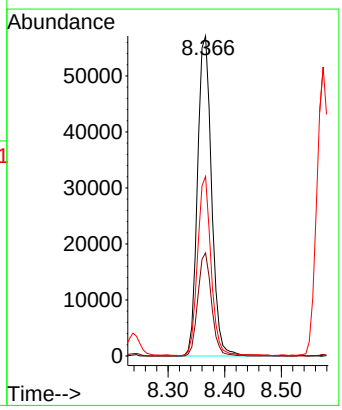
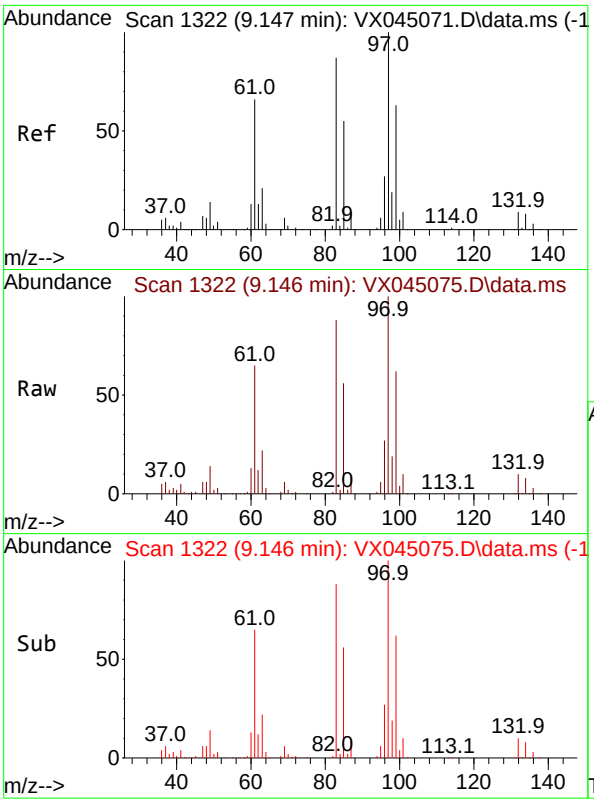


#54
cis-1,3-Dichloropropene
Concen: 52.732 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 75 Resp: 98146

Ion	Ratio	Lower	Upper
75	100		
77	32.2	24.7	37.1
39	56.0	40.7	61.1

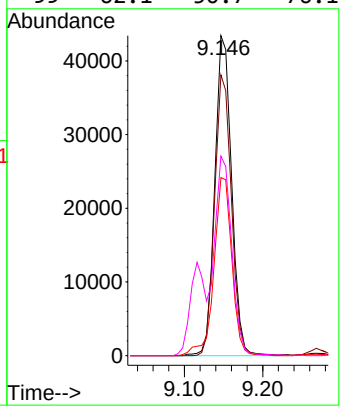




#55
1,1,2-Trichloroethane
Concen: 50.232 ug/l
RT: 9.146 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 97 Resp: 6498

Ion	Ratio	Lower	Upper
97	100		
83	87.8	69.4	104.2
85	55.6	44.1	66.1
99	62.1	50.7	76.1



Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

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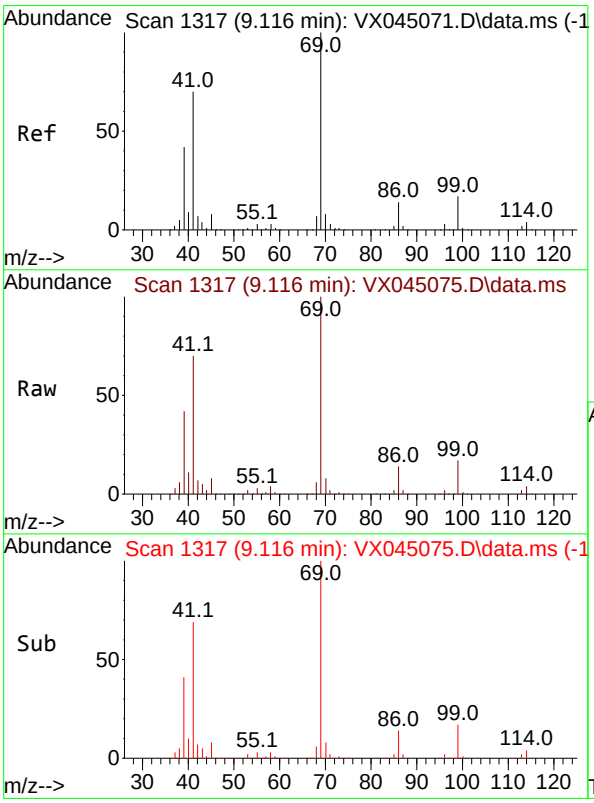
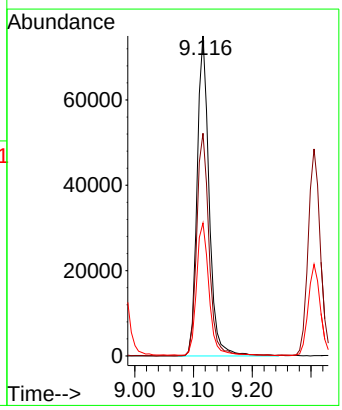
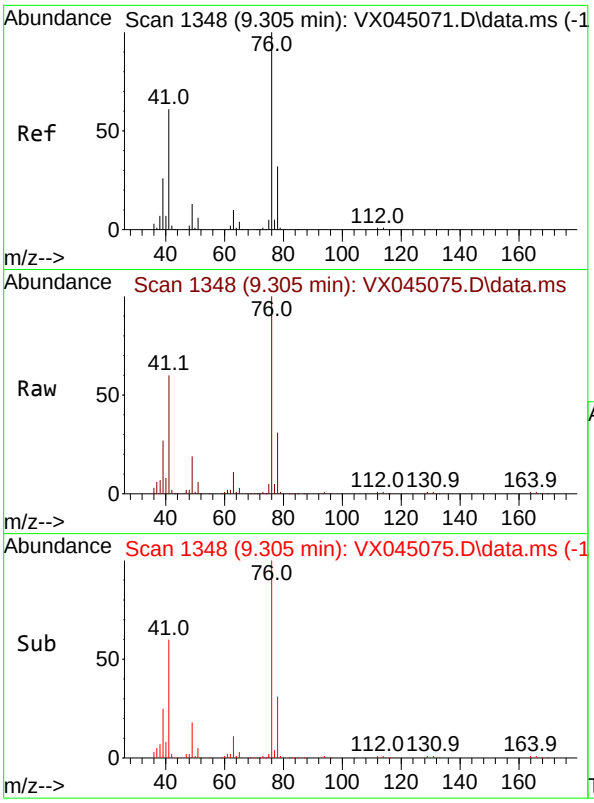


#56
Ethyl methacrylate
Concen: 54.109 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 69 Resp: 106405

Ion	Ratio	Lower	Upper
69	100		
41	71.5	57.0	85.4
39	43.2	34.2	51.4

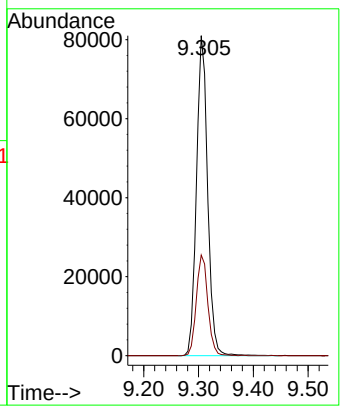




#57
1,3-Dichloropropane
Concen: 51.312 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 76 Resp: 11488

Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.5	38.3



Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

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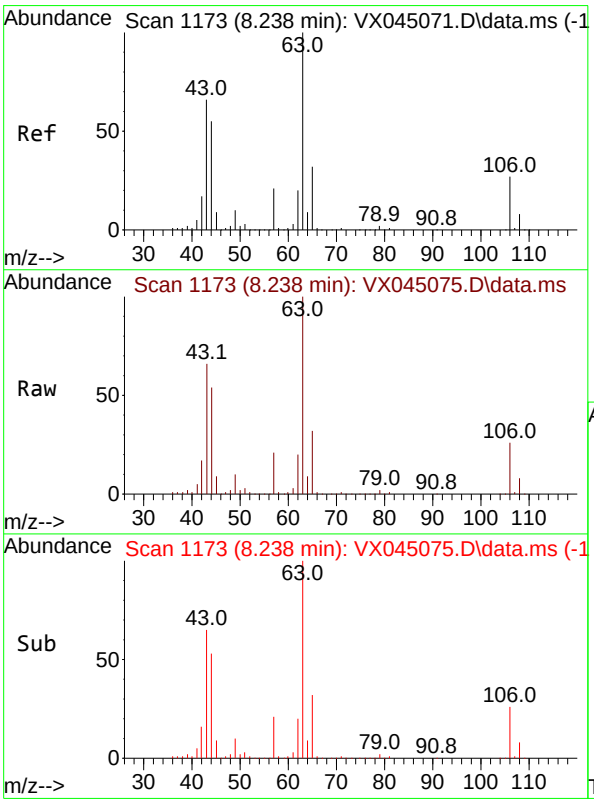
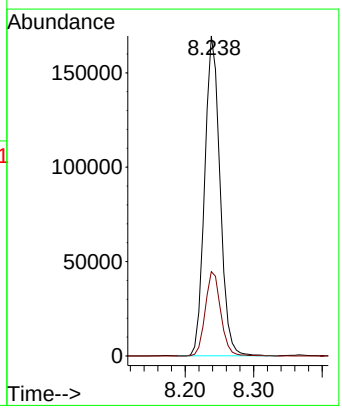
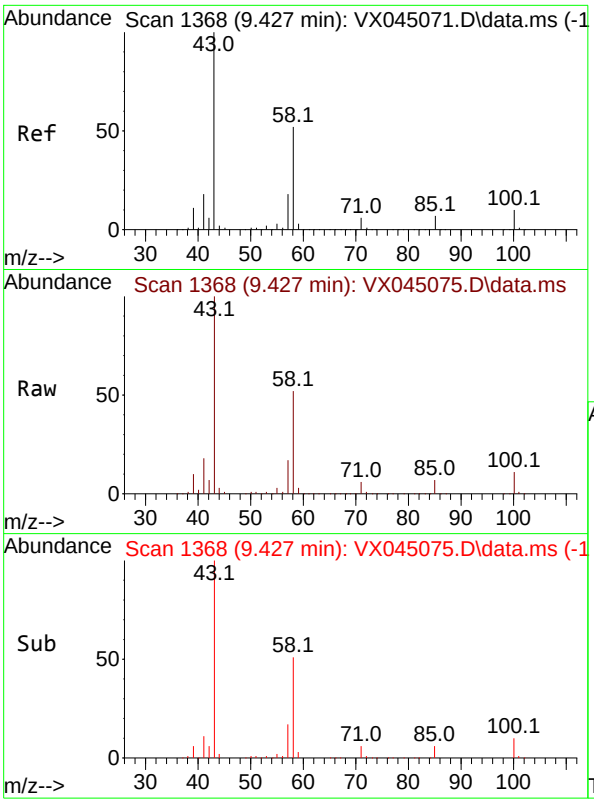


#58
2-Chloroethyl Vinyl ether
Concen: 275.557 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 63 Resp: 264335

Ion	Ratio	Lower	Upper
63	100		
106	26.5	21.5	32.3

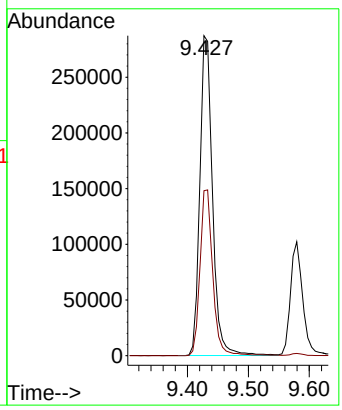




#59
2-Hexanone
Concen: 265.049 ug/l
RT: 9.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 43 Resp: 41673

Ion	Ratio	Lower	Upper
43	100		
58	52.2	25.9	77.6



Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Manual Integrations
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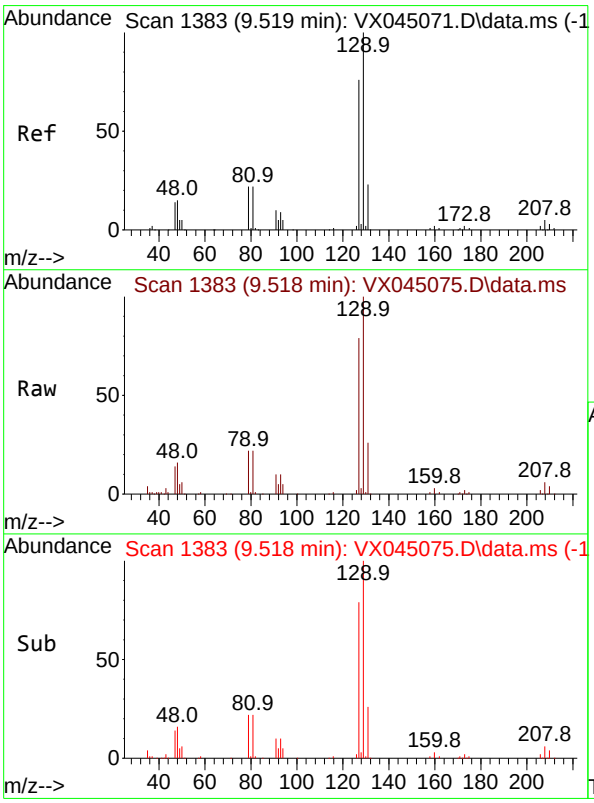
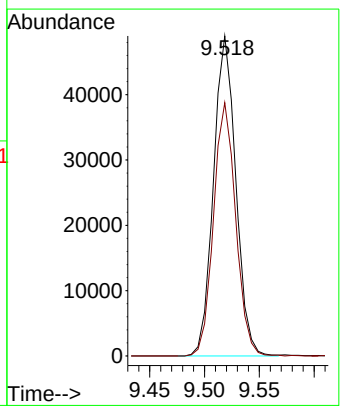
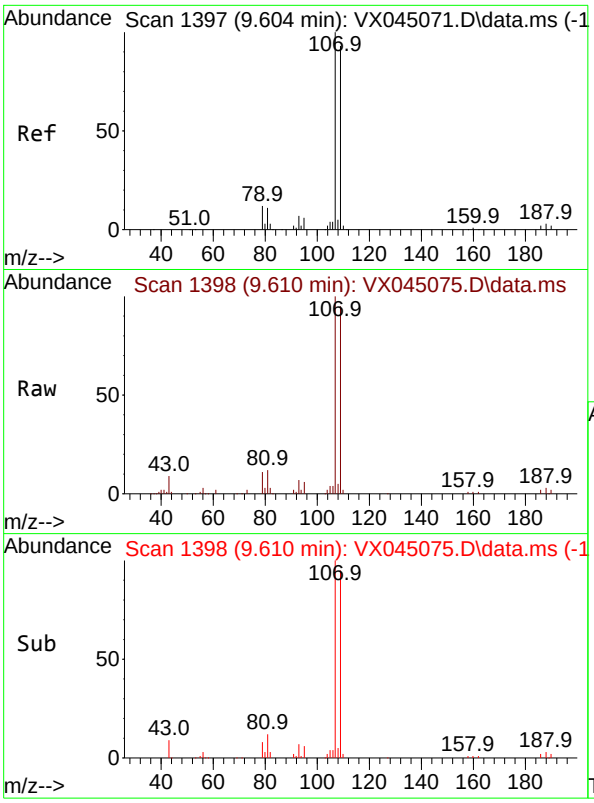


#60
Dibromochloromethane
Concen: 51.374 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion:129 Resp: 69492

Ion	Ratio	Lower	Upper
129	100		
127	78.6	38.5	115.5

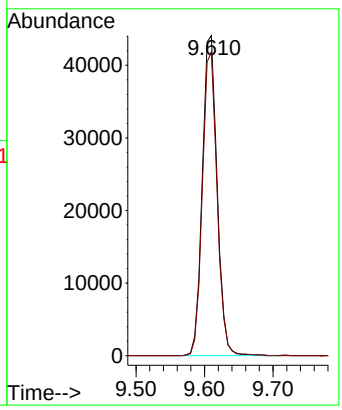




#61
1,2-Dibromoethane
Concen: 51.492 ug/l
RT: 9.610 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion:107 Resp: 6650

Ion	Ratio	Lower	Upper
107	100		
109	93.8	76.1	114.1



Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

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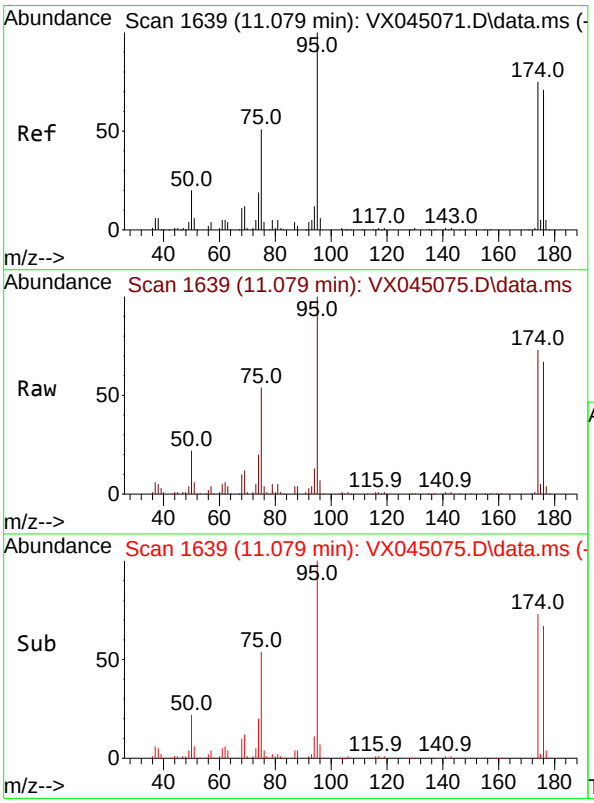
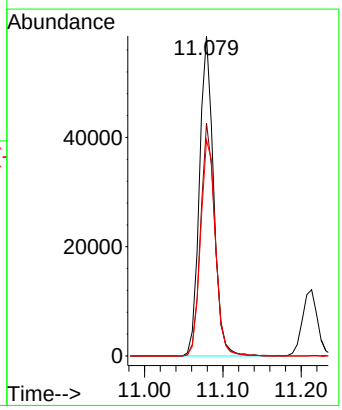
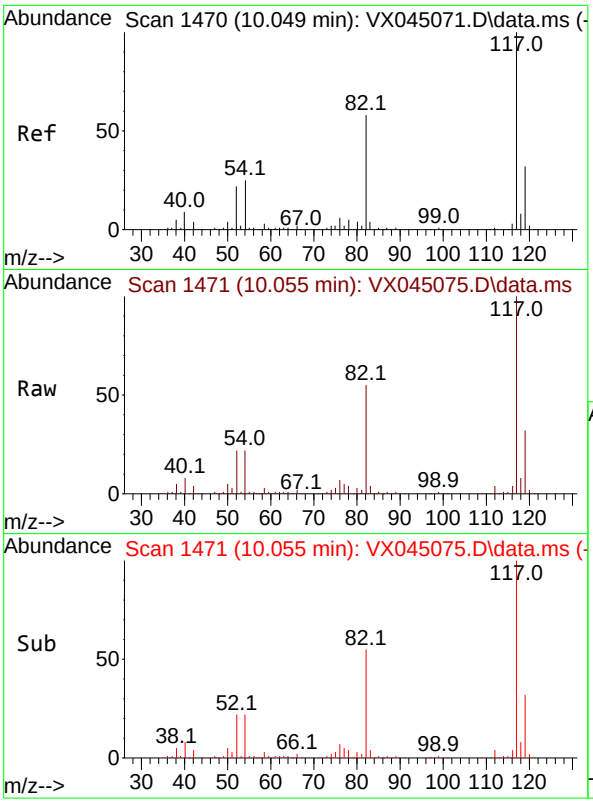


#62
4-Bromofluorobenzene
Concen: 49.240 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 95 Resp: 73162

Ion	Ratio	Lower	Upper
95	100		
174	74.0	0.0	148.2
176	71.3	0.0	141.4

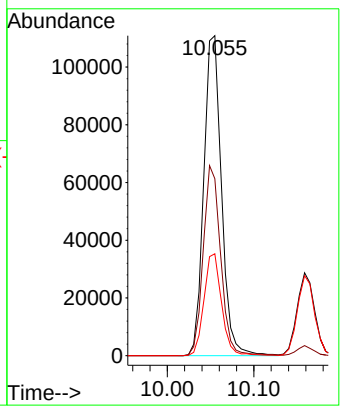




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion:117 Resp: 15779

Ion	Ratio	Lower	Upper
117	100		
82	55.3	46.3	69.5
119	31.9	25.7	38.5



Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

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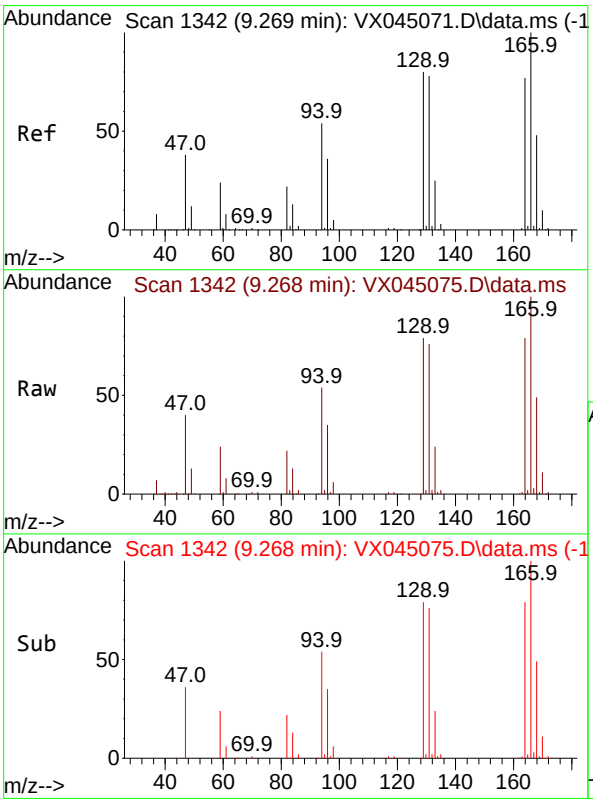
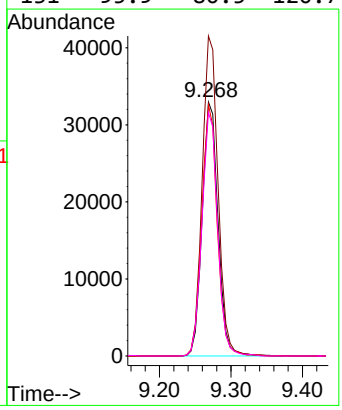
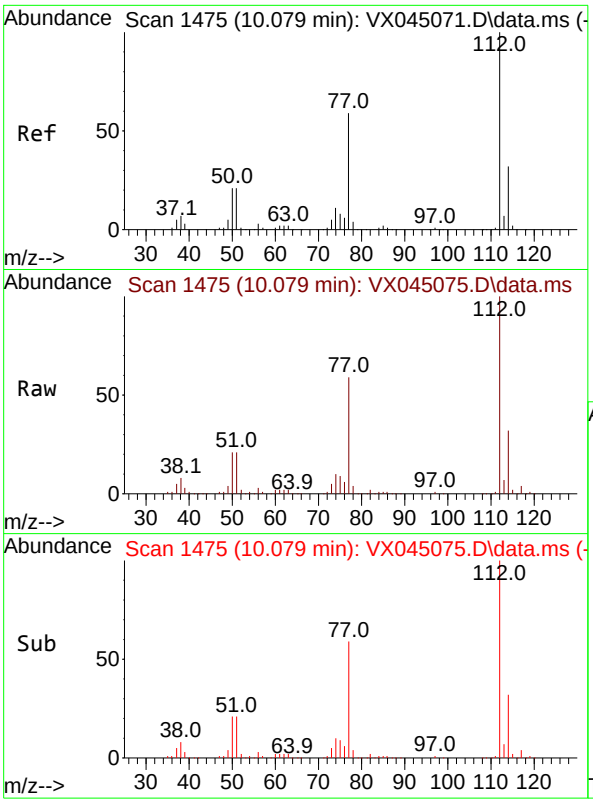


#64
Tetrachloroethene
Concen: 50.126 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion:164 Resp: 50659

Ion	Ratio	Lower	Upper
164	100		
166	126.0	103.6	155.4
129	99.0	82.7	124.1
131	95.9	80.5	120.7

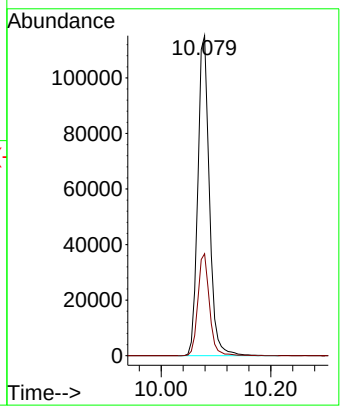




#65
Chlorobenzene
Concen: 50.580 ug/l
RT: 10.079 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion:112 Resp: 16888

Ion	Ratio	Lower	Upper
112	100		
114	31.9	26.0	39.0



Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

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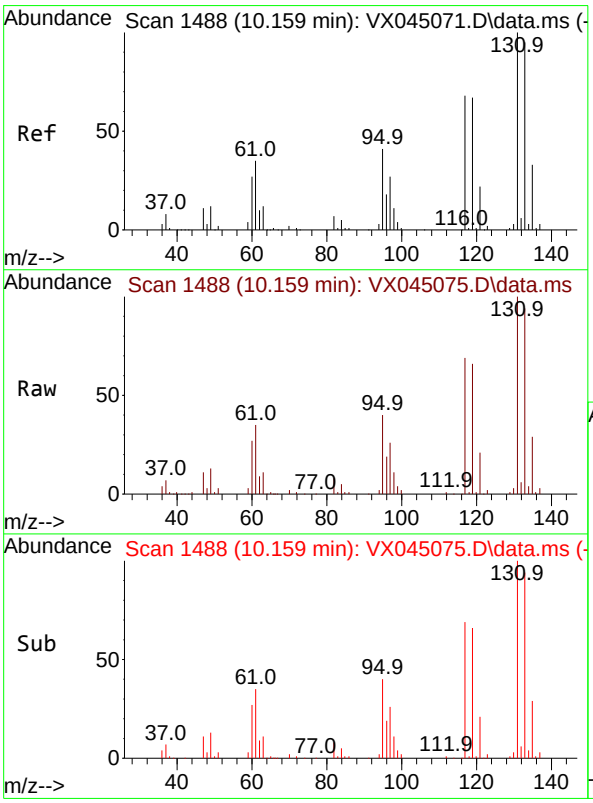
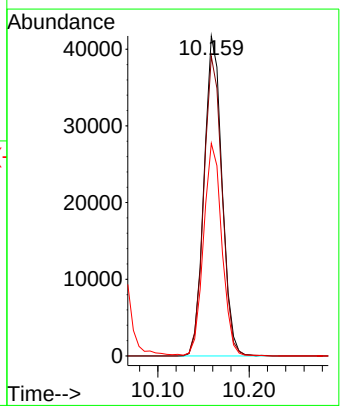
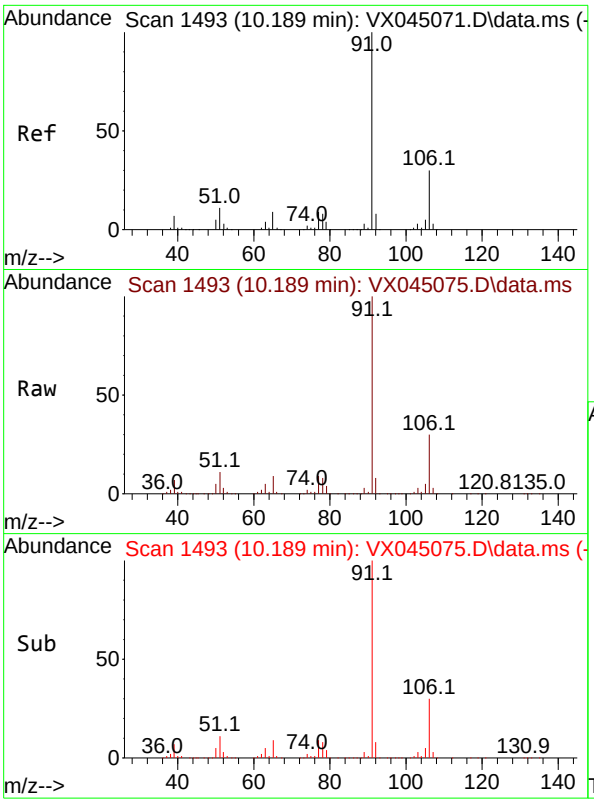


#66
1,1,1,2-Tetrachloroethane
Concen: 51.102 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion:131 Resp: 56822

Ion	Ratio	Lower	Upper
131	100		
133	94.9	48.6	145.9
119	67.6	33.9	101.7

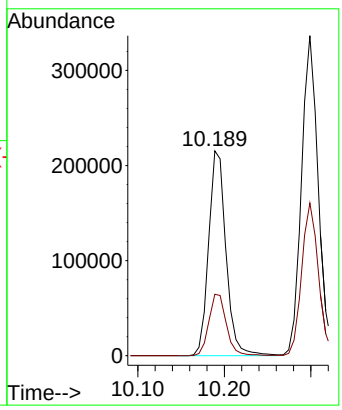




#67
Ethyl Benzene
Concen: 51.621 ug/l
RT: 10.189 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 91 Resp: 30032

Ion	Ratio	Lower	Upper
91	100		
106	30.0	23.9	35.9



Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Manual Integrations
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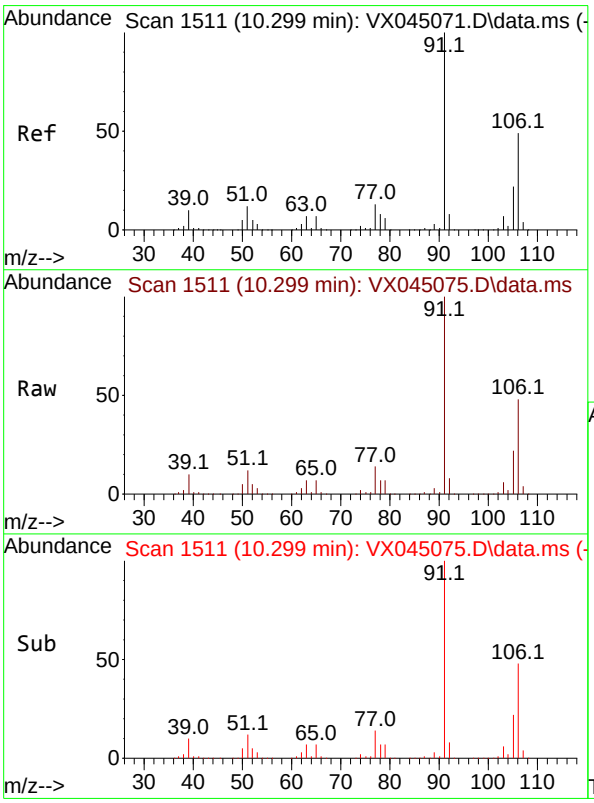
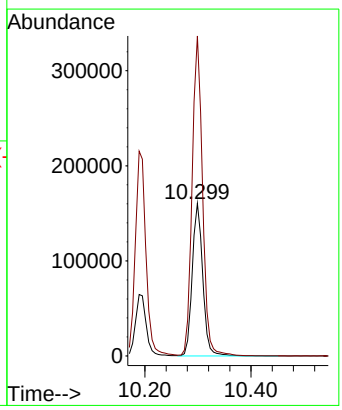
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

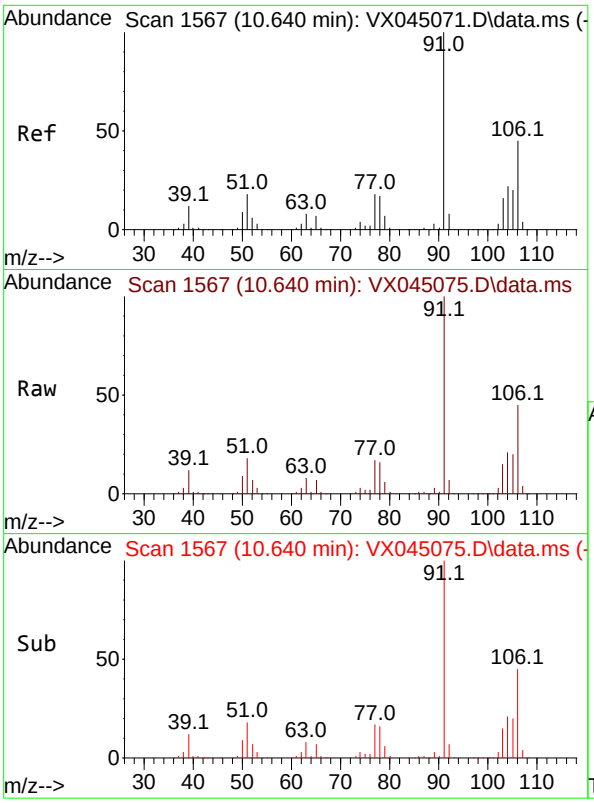


#68
m/p-Xylenes
Concen: 103.454 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion:106 Resp: 220335

Ion	Ratio	Lower	Upper
106	100		
91	207.8	165.4	248.0

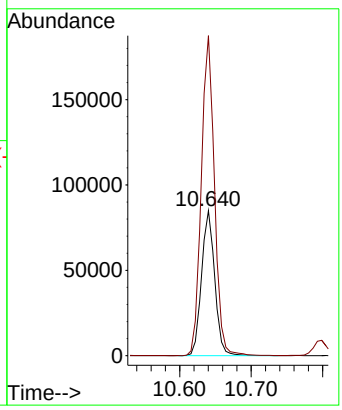




#69
o-Xylene
Concen: 50.668 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion:106 Resp: 10883

Ion	Ratio	Lower	Upper
106	100		
91	220.5	109.9	329.6



Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

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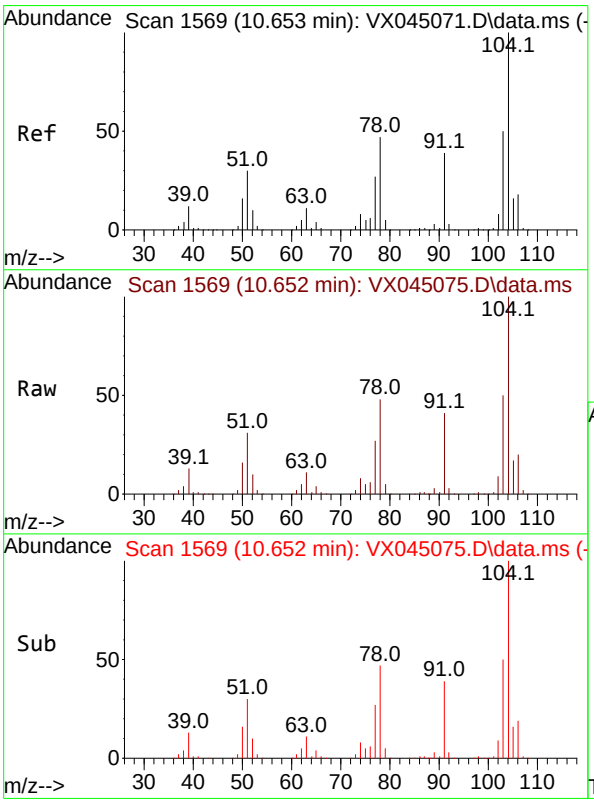
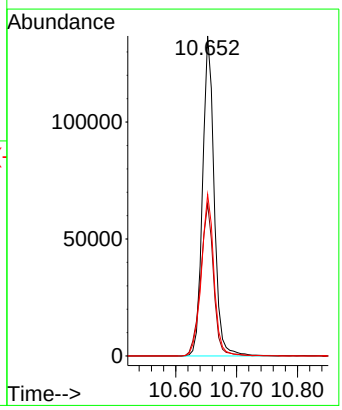
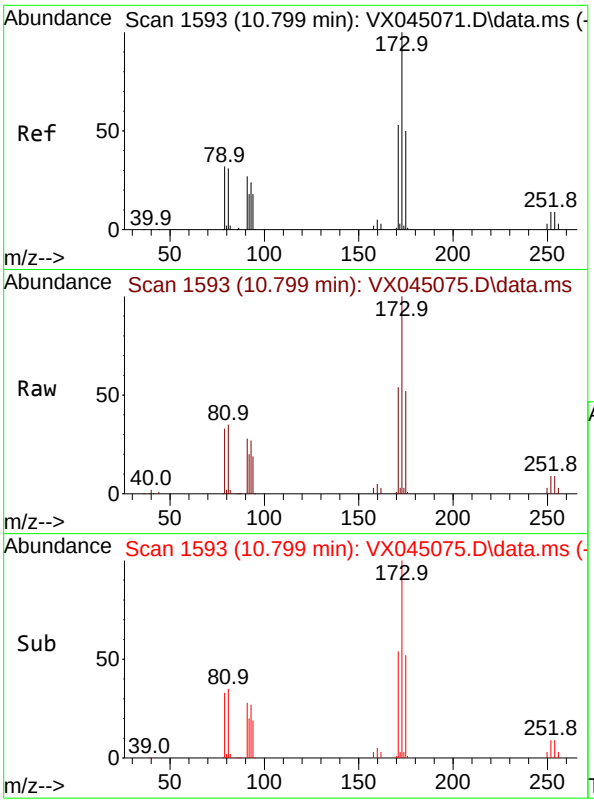


#70
Styrene
Concen: 52.177 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion:104 Resp: 181349

Ion	Ratio	Lower	Upper
104	100		
78	52.8	42.2	63.4
103	55.1	43.8	65.8

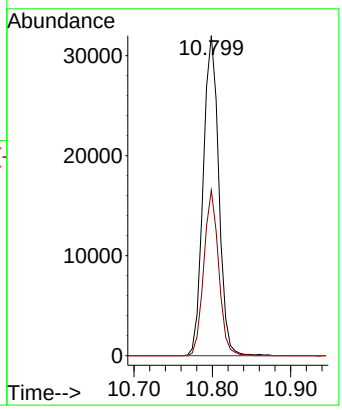




#71
Bromoform
Concen: 52.636 ug/l
RT: 10.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion:173 Resp: 4413

Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.6	73.6
254	0.0	0.0	0.0



Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

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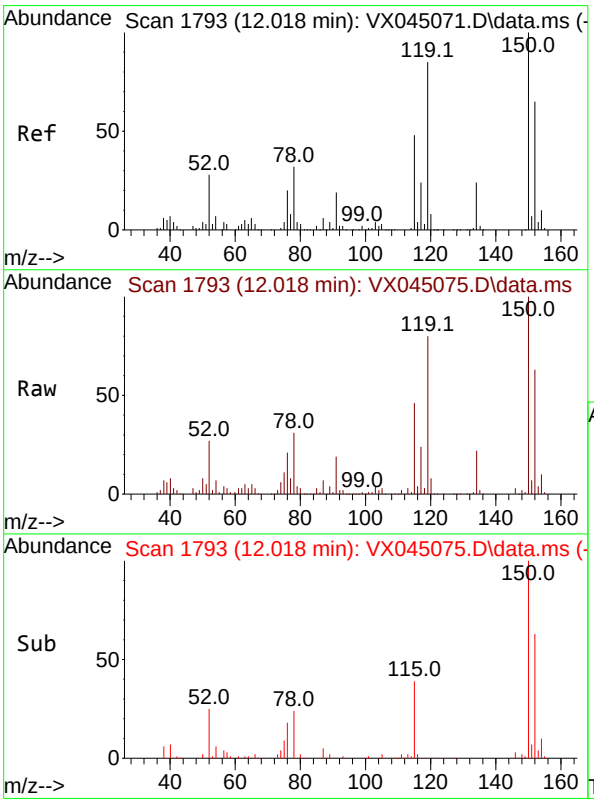
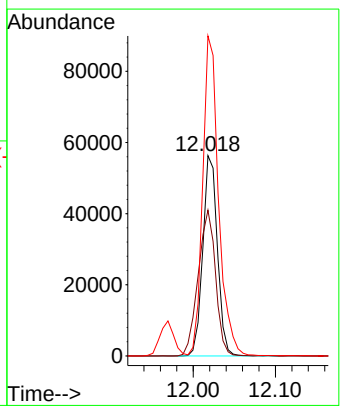
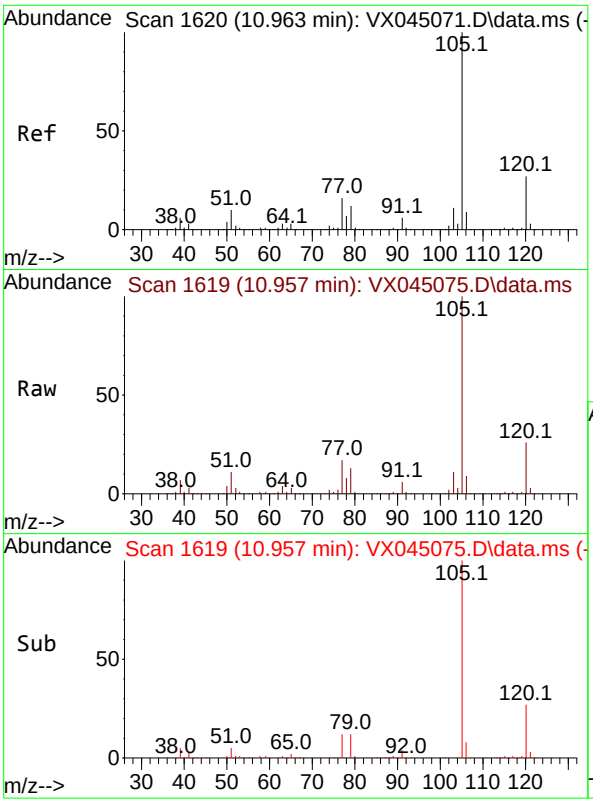


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion:152 Resp: 69357

Ion	Ratio	Lower	Upper
152	100		
115	86.9	44.2	132.6
150	174.3	0.0	349.0

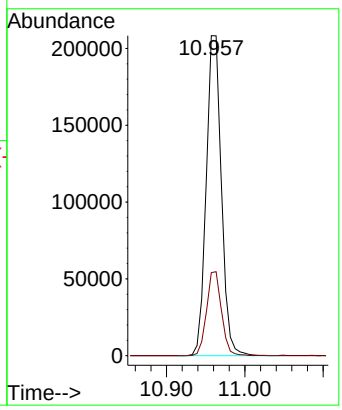




#73
Isopropylbenzene
Concen: 51.589 ug/l
RT: 10.957 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion:105 Resp: 27927

Ion	Ratio	Lower	Upper
105	100		
120	25.9	13.2	39.5



Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

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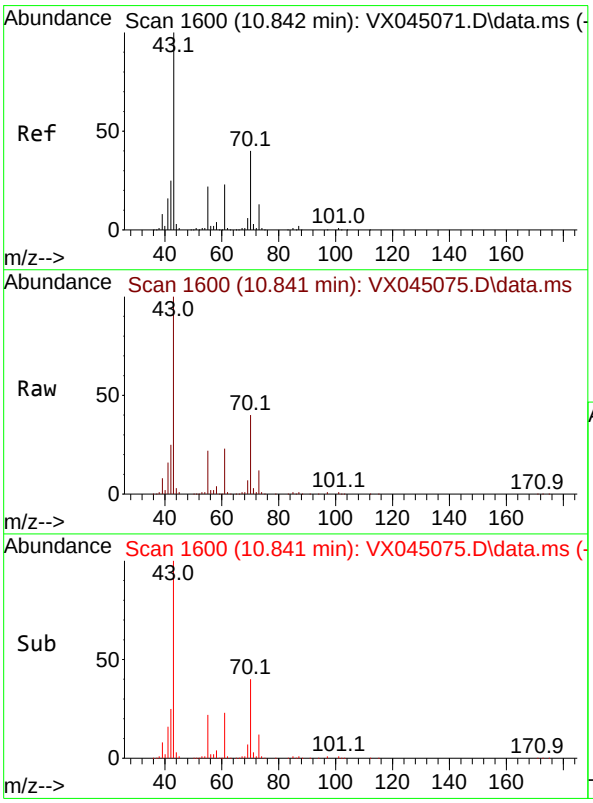
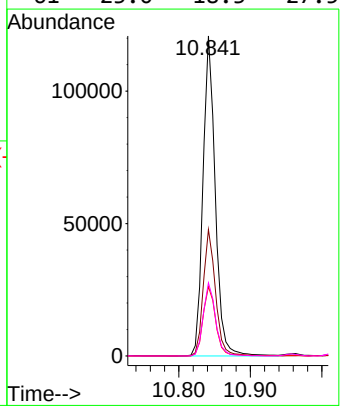
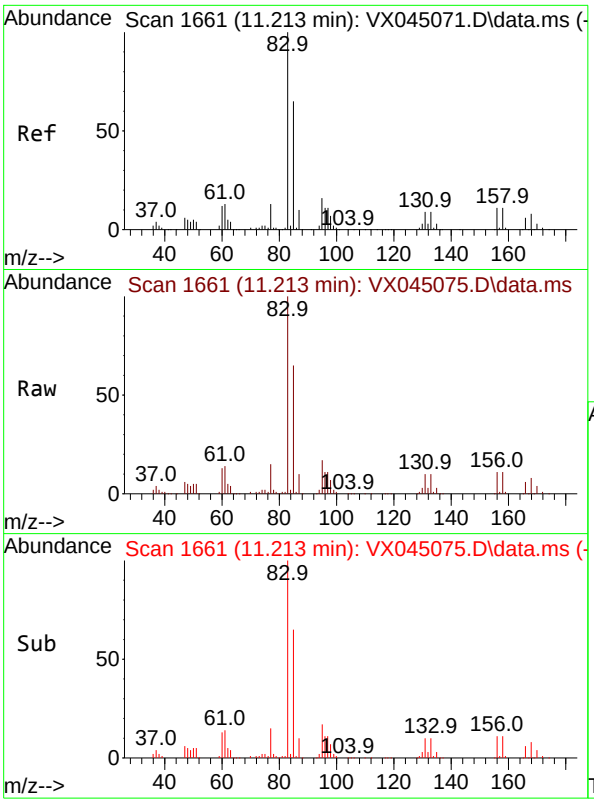


#74
N-amyl acetate
Concen: 56.851 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 43 Resp: 144412

Ion	Ratio	Lower	Upper
43	100		
70	39.5	31.8	47.6
55	22.3	18.3	27.5
61	23.0	18.3	27.5

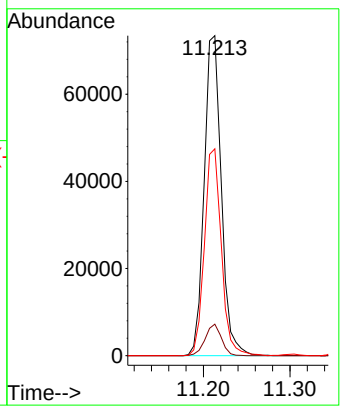




#75
1,1,2,2-Tetrachloroethane
Concen: 50.741 ug/l
RT: 11.213 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 83 Resp: 10080

Ion	Ratio	Lower	Upper
83	100		
131	9.4	4.5	13.4
85	64.0	31.7	95.1



Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

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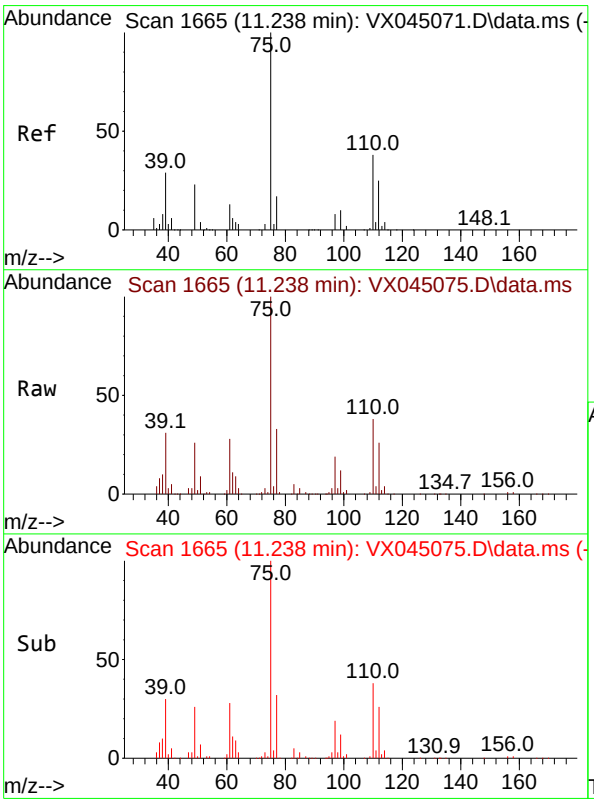
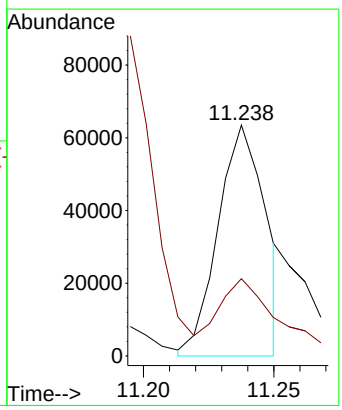
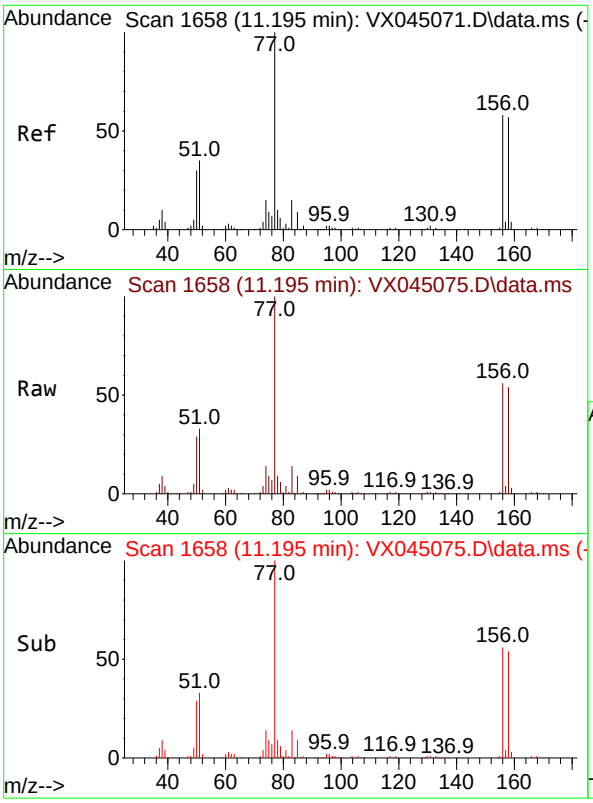


#76
1,2,3-Trichloropropane
Concen: 49.940 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 75 Resp: 80618

Ion	Ratio	Lower	Upper
75	100		
77	42.5	20.7	62.1

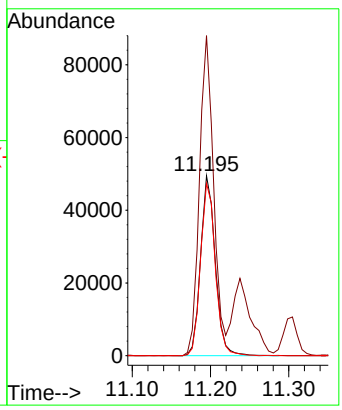




#77
Bromobenzene
Concen: 50.360 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion:156 Resp: 6432

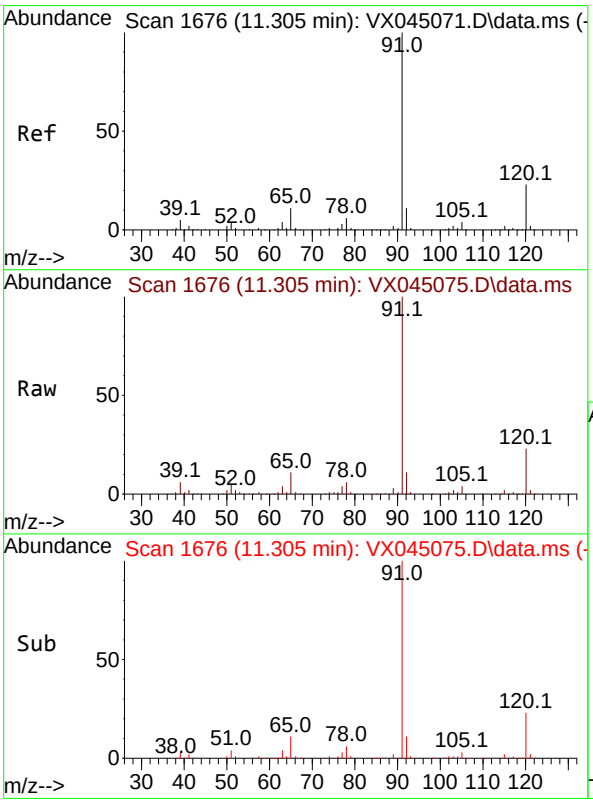
Ion	Ratio	Lower	Upper
156	100		
77	172.1	85.8	257.4
158	96.5	48.4	145.2



Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Manual Integrations APPROVED

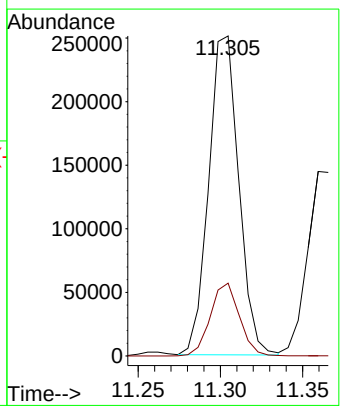
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

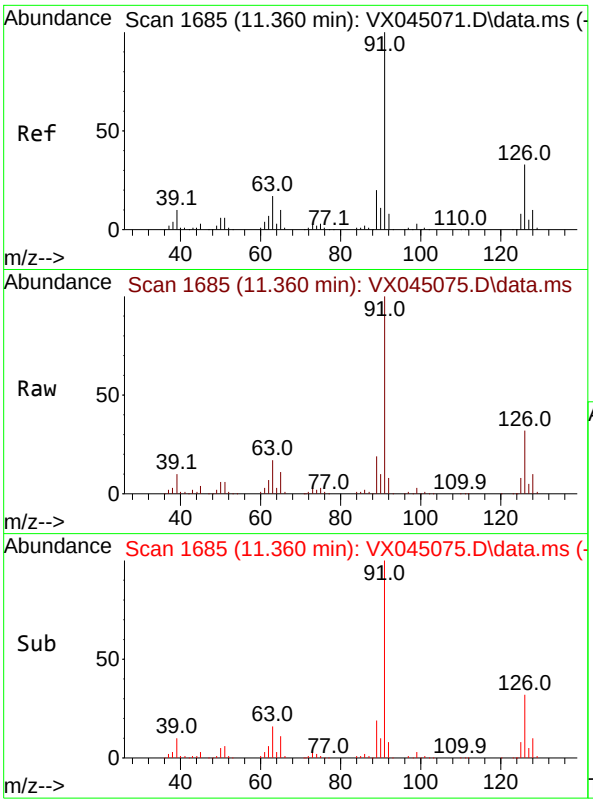


#78
n-propylbenzene
Concen: 52.203 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 91 Resp: 319235

Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.2	33.6

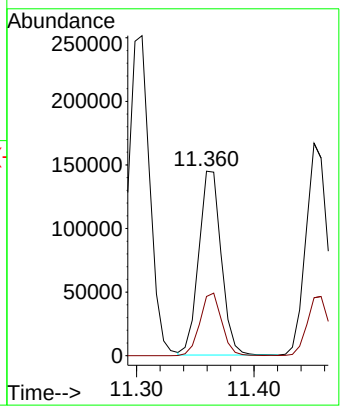




#79
2-Chlorotoluene
Concen: 49.338 ug/l
RT: 11.360 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 91 Resp: 19215

Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.4	49.4



Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

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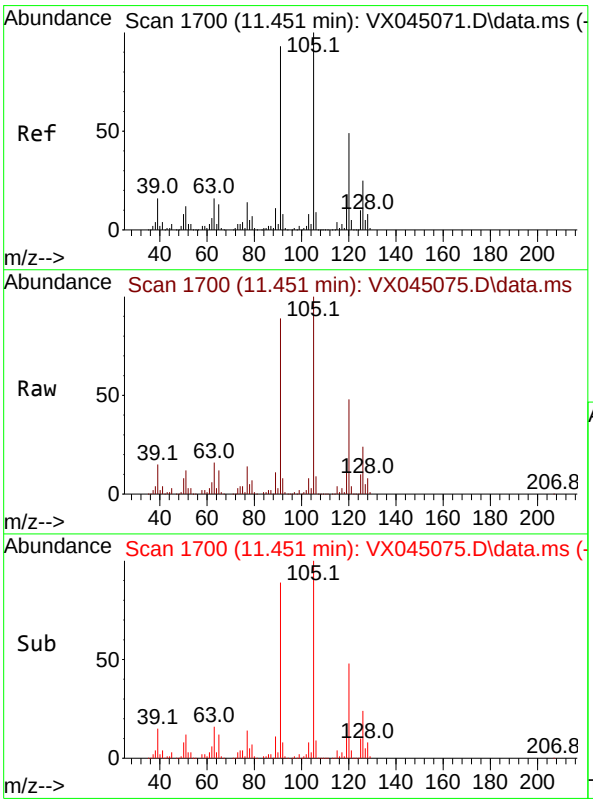
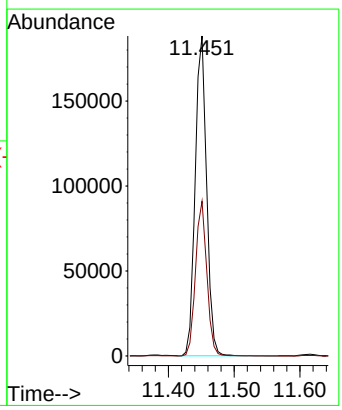
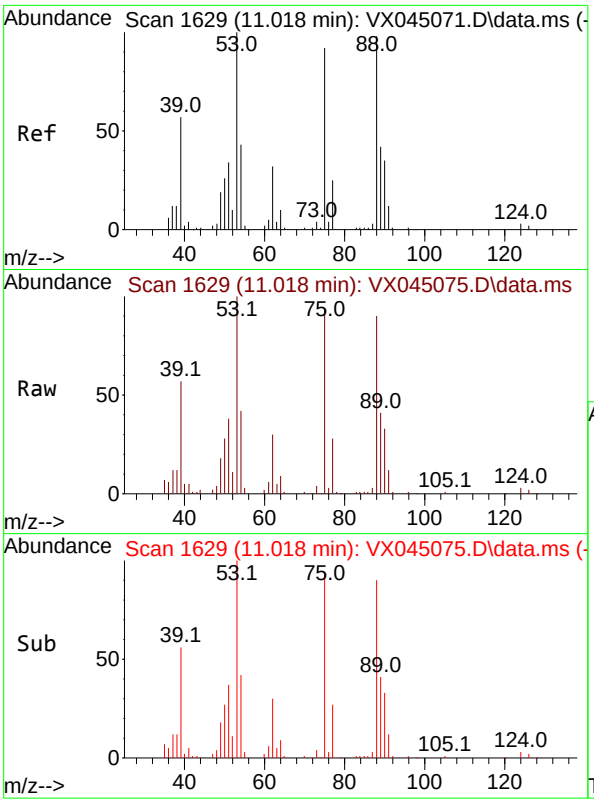


#80
1,3,5-Trimethylbenzene
Concen: 51.544 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion:105 Resp: 225622

Ion	Ratio	Lower	Upper
105	100		
120	48.0	24.1	72.2

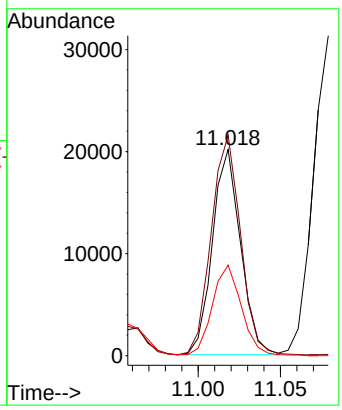




#81
trans-1,4-Dichloro-2-butene
Concen: 50.757 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 75 Resp: 2394

Ion	Ratio	Lower	Upper
75	100		
53	111.4	88.5	132.7
89	45.8	36.2	54.4



Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

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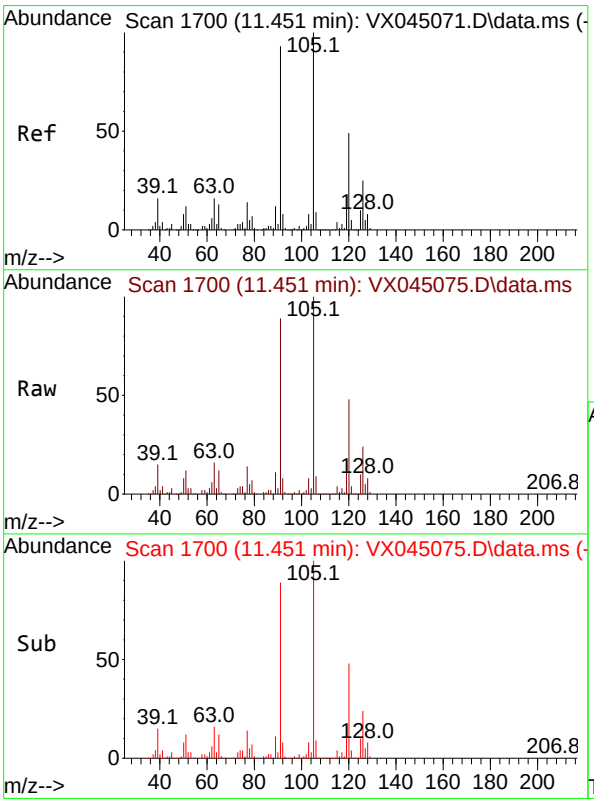
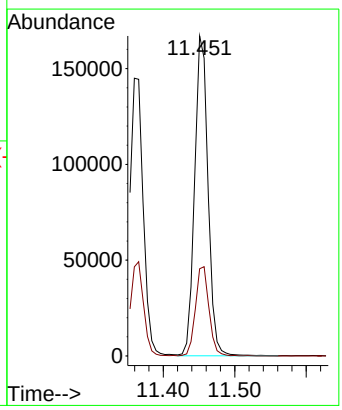
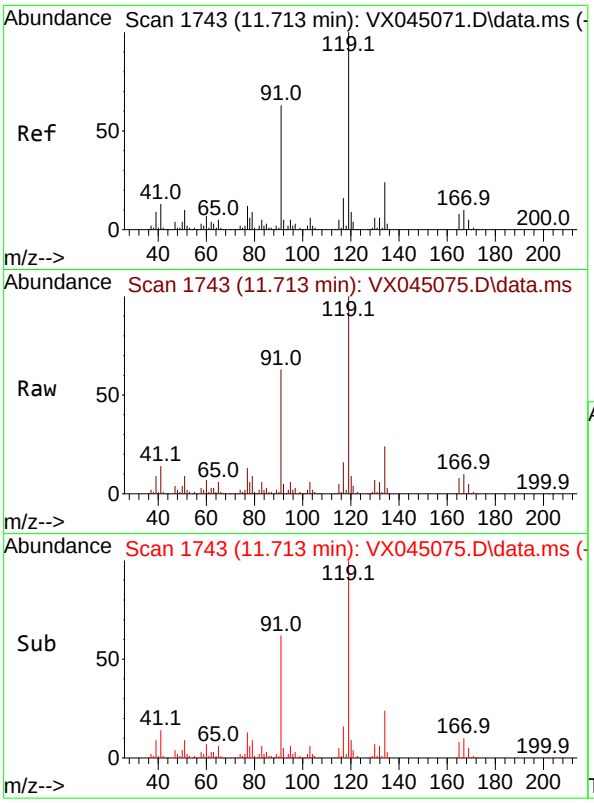


#82
4-Chlorotoluene
Concen: 51.009 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 91 Resp: 216511

Ion	Ratio	Lower	Upper
91	100		
126	28.3	14.1	42.4

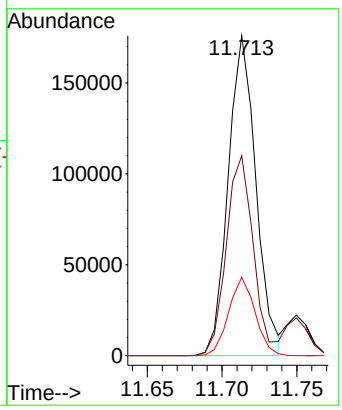




#83
tert-Butylbenzene
Concen: 50.552 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion:119 Resp: 22735

Ion	Ratio	Lower	Upper
119	100		
91	61.1	30.7	92.1
134	23.4	11.7	35.0



Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Manual Integrations APPROVED

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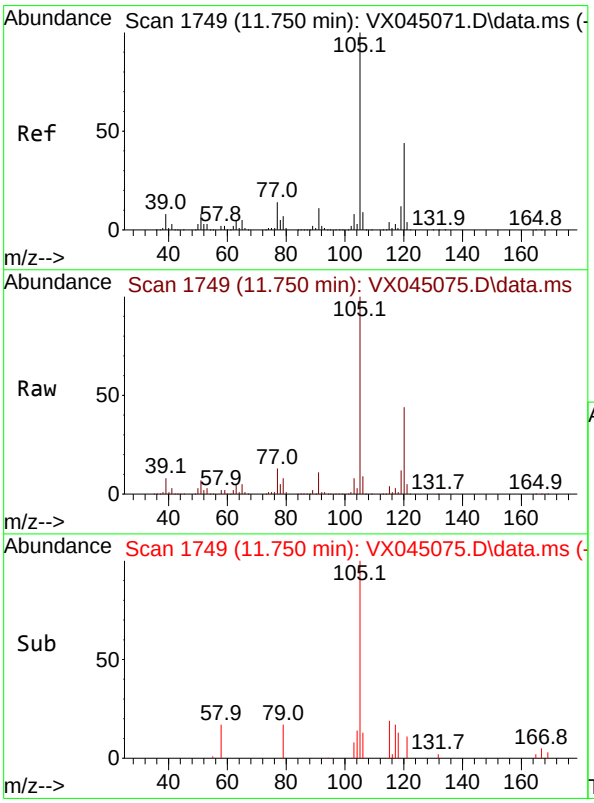
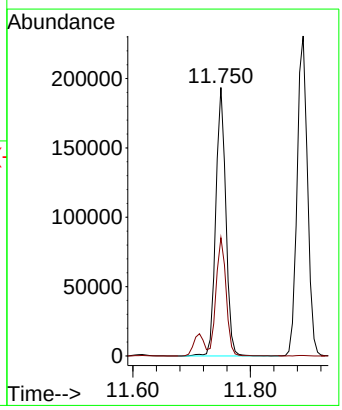
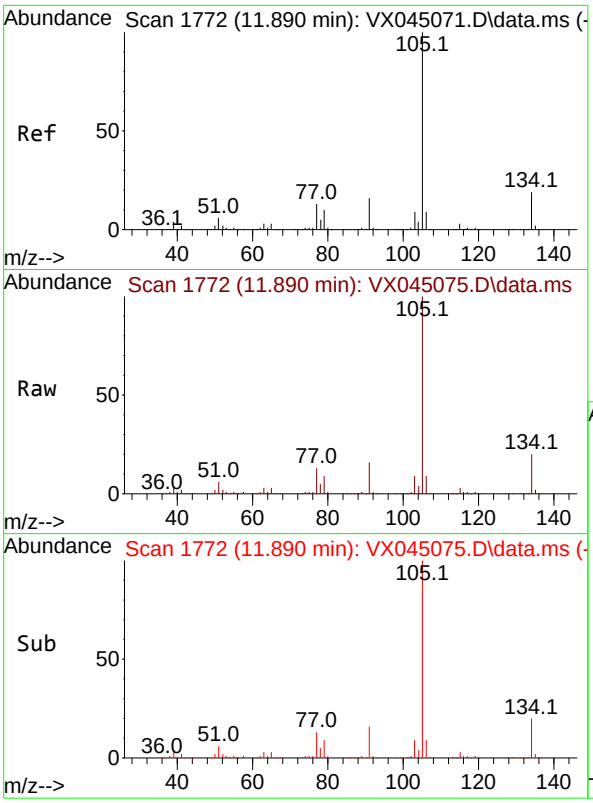


#84
1,2,4-Trimethylbenzene
Concen: 51.932 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion:105 Resp: 228729

Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.1	66.1





#85
sec-Butylbenzene
Concen: 52.703 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

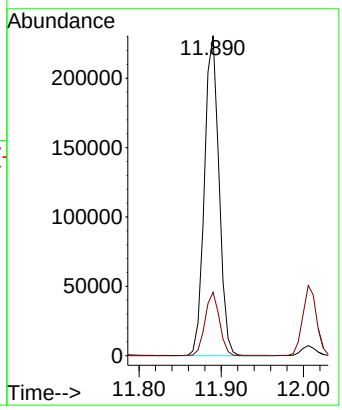
Tgt Ion:105 Resp: 28393

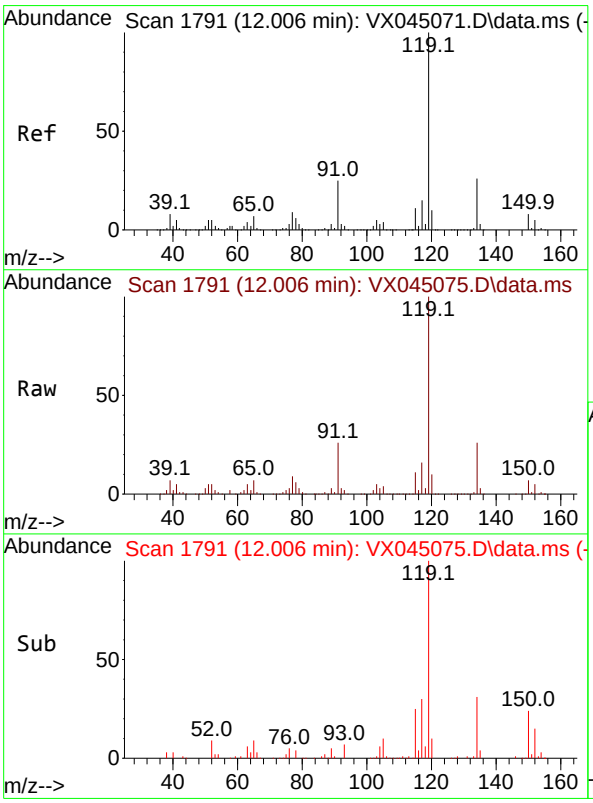
Ion	Ratio	Lower	Upper
105	100		
134	19.6	9.8	29.4

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

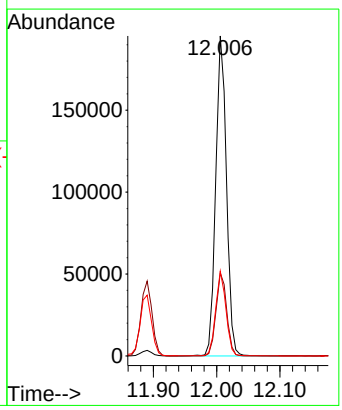


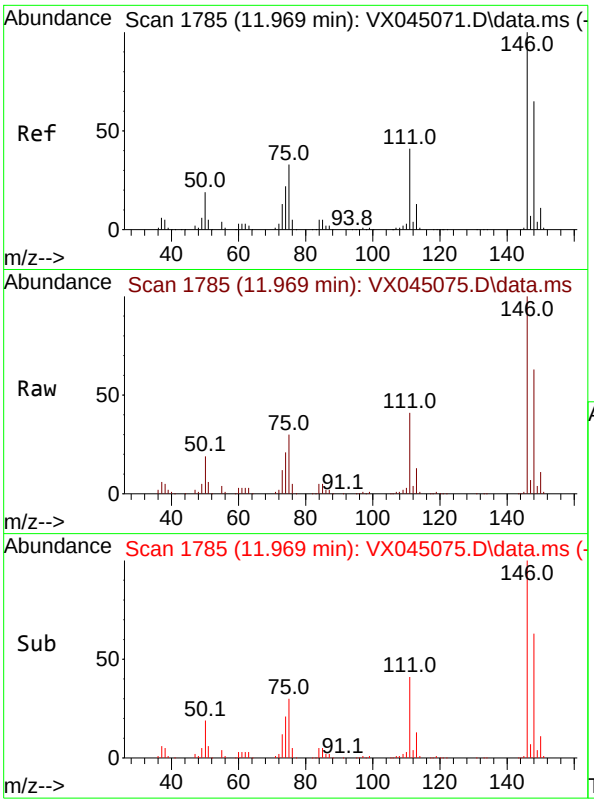


#86
p-Isopropyltoluene
Concen: 52.803 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion:119 Resp: 229894

Ion	Ratio	Lower	Upper
119	100		
134	25.9	12.9	38.6
91	25.3	12.7	38.0

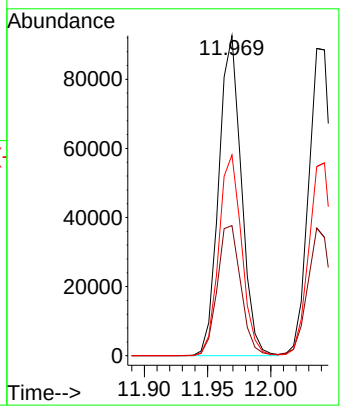




#87
1,3-Dichlorobenzene
Concen: 50.372 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion:146 Resp: 11477

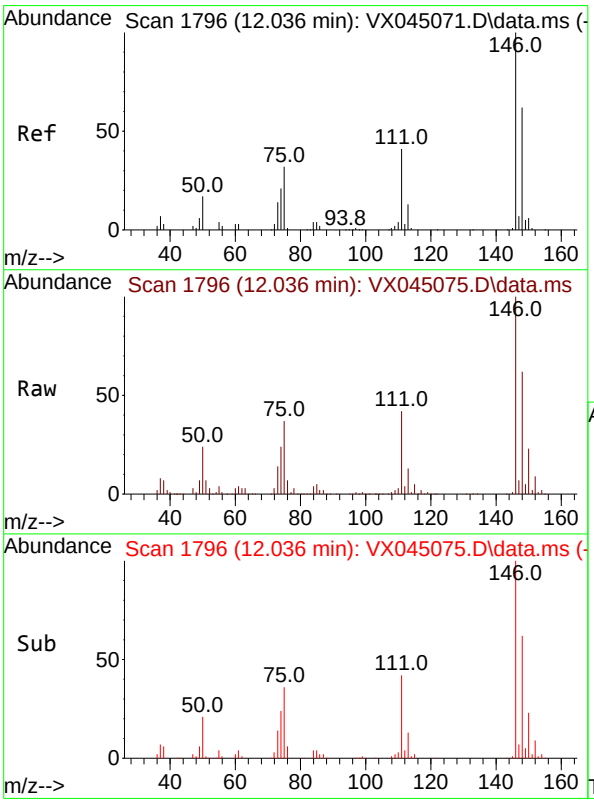
Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.1	63.4
148	63.6	31.9	95.7



Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Manual Integrations
APPROVED

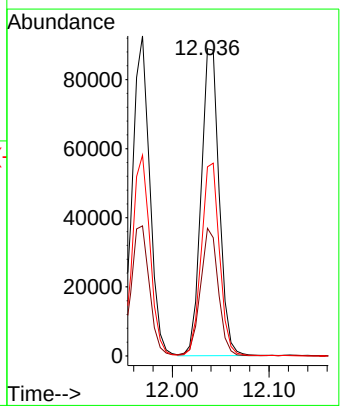
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

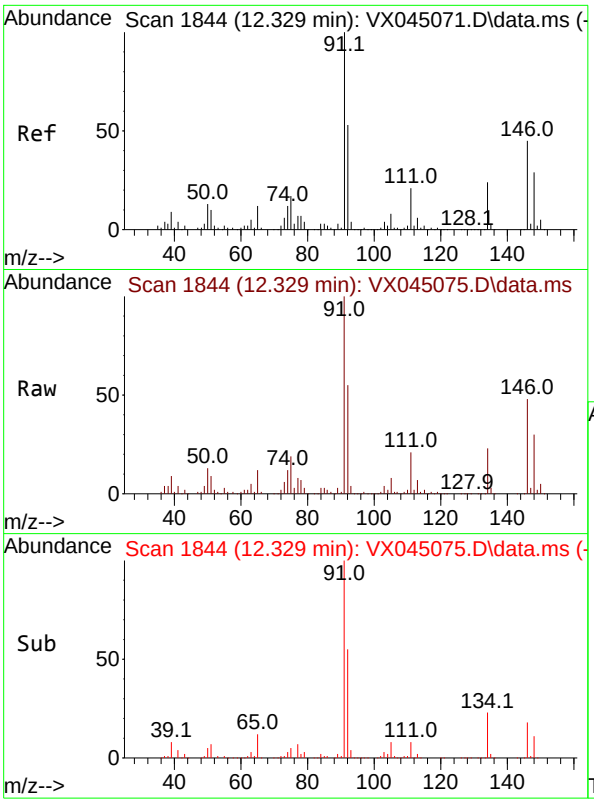


#88
1,4-Dichlorobenzene
Concen: 50.097 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion:146 Resp: 115486

Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.2	60.5
148	63.0	31.9	95.9

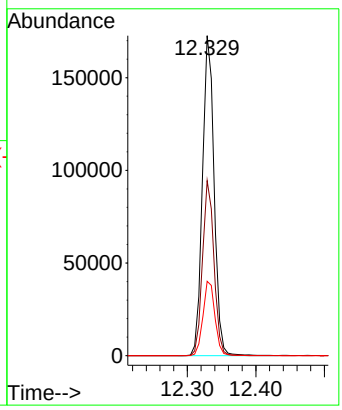




#89
n-Butylbenzene
Concen: 54.662 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 91 Resp: 20497

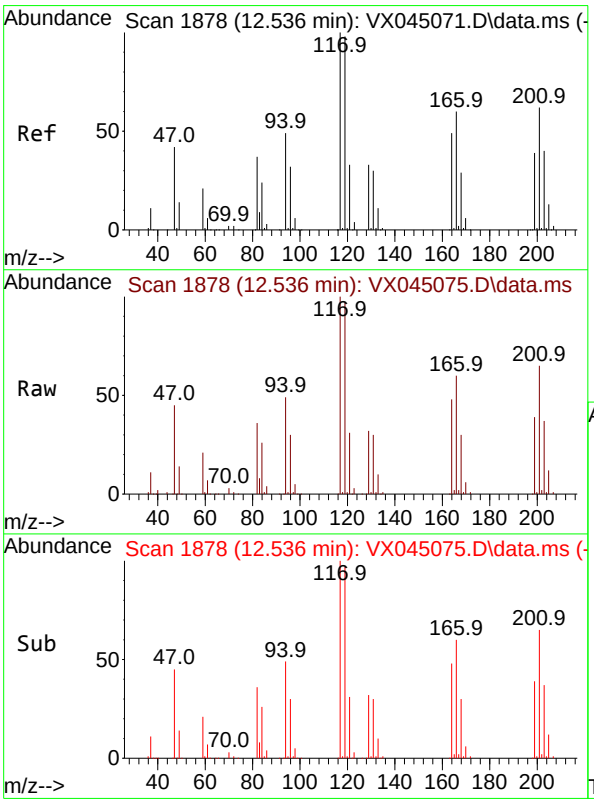
Ion	Ratio	Lower	Upper
91	100		
92	53.8	26.7	80.0
134	23.9	12.2	36.6



Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Manual Integrations
APPROVED

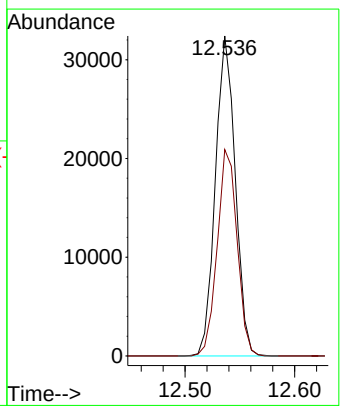
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

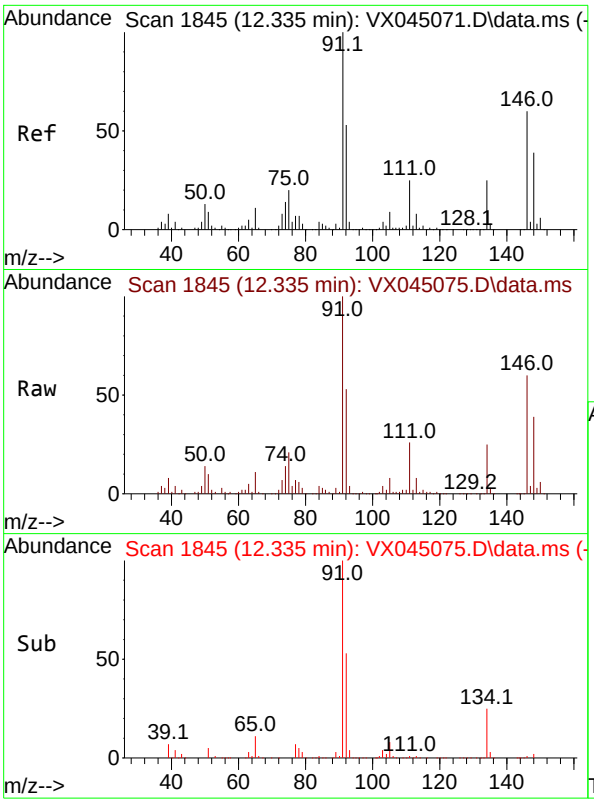


#90
Hexachloroethane
Concen: 51.866 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion:117 Resp: 40844

Ion	Ratio	Lower	Upper
117	100		
201	64.7	31.9	95.9

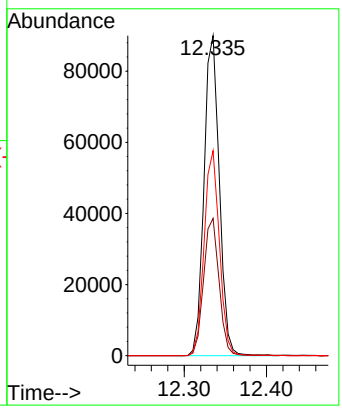




#91
1,2-Dichlorobenzene
Concen: 50.899 ug/l
RT: 12.335 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion:146 Resp: 11634

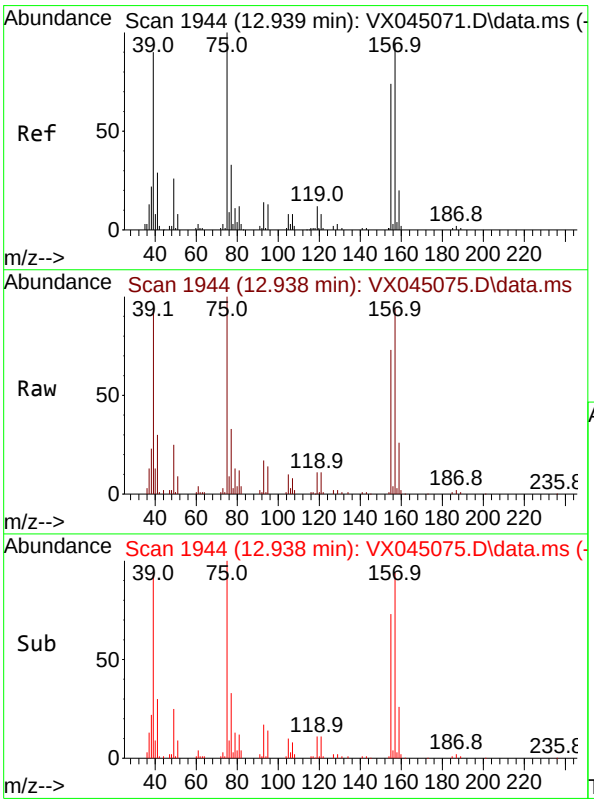
Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.6	65.0
148	63.9	31.9	95.9



Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Manual Integrations APPROVED

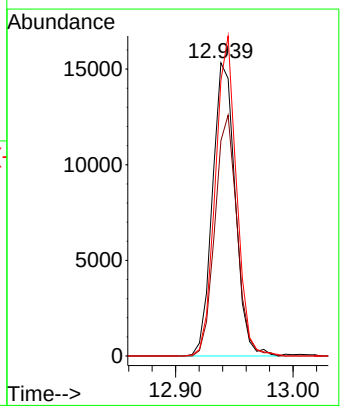
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

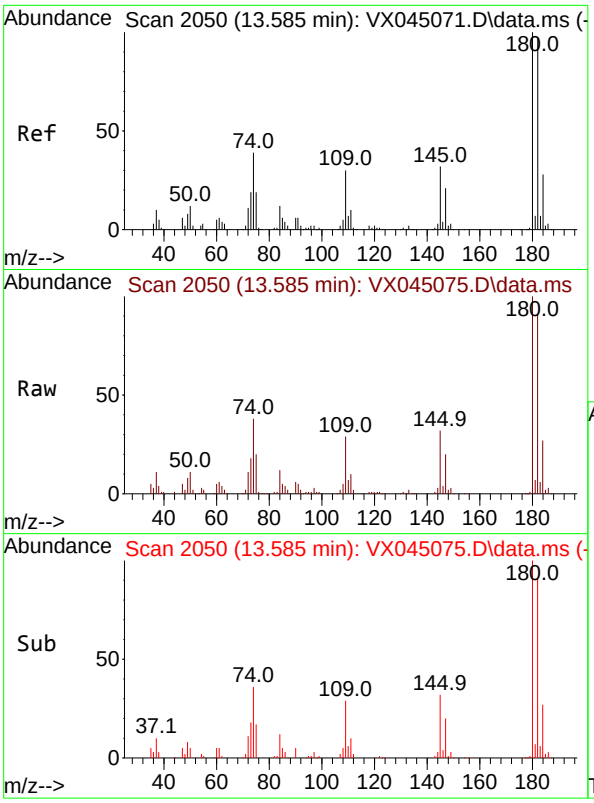


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.199 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 75 Resp: 20589

Ion	Ratio	Lower	Upper
75	100		
155	79.8	39.6	118.7
157	101.7	51.1	153.4

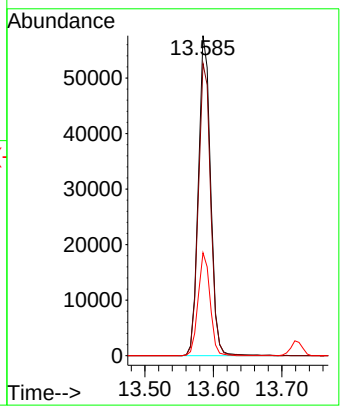




#93
1,2,4-Trichlorobenzene
Concen: 54.834 ug/l
RT: 13.585 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion:180 Resp: 7136

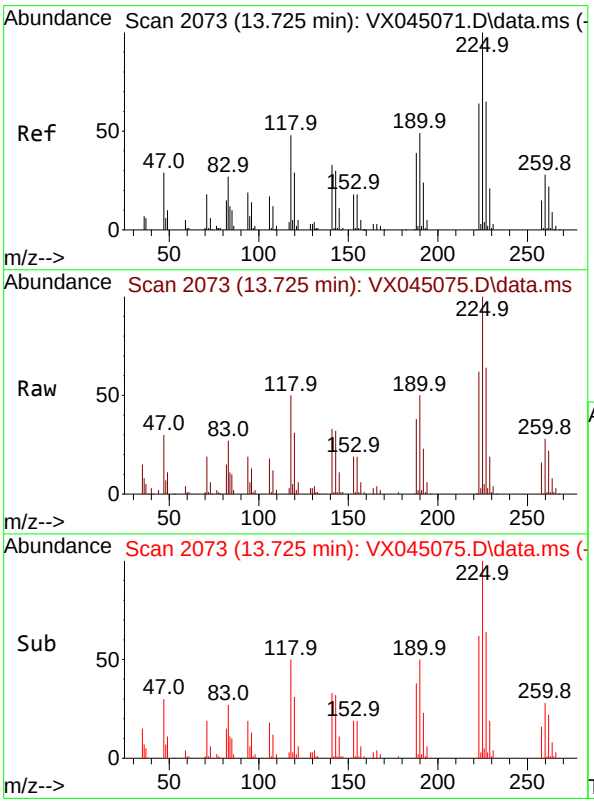
Ion	Ratio	Lower	Upper
180	100		
182	92.4	47.3	141.9
145	31.6	16.3	48.9



Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Manual Integrations APPROVED

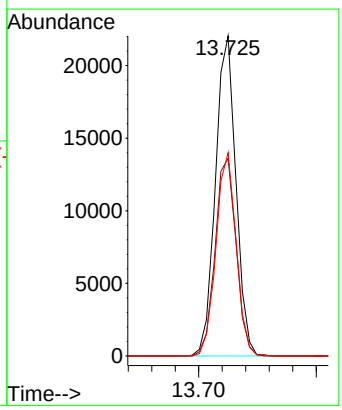
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

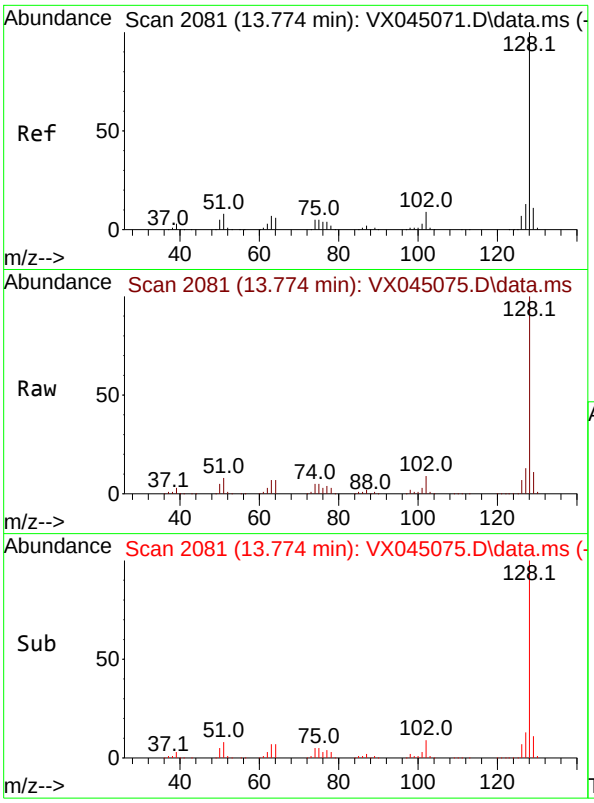


#94
Hexachlorobutadiene
Concen: 50.032 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion:225 Resp: 26697

Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.9	95.7
227	62.4	31.4	94.0

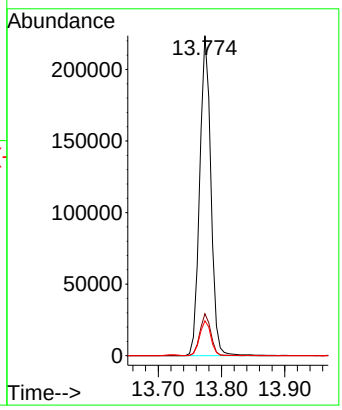




#95
Naphthalene
Concen: 55.163 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion:128 Resp: 27584

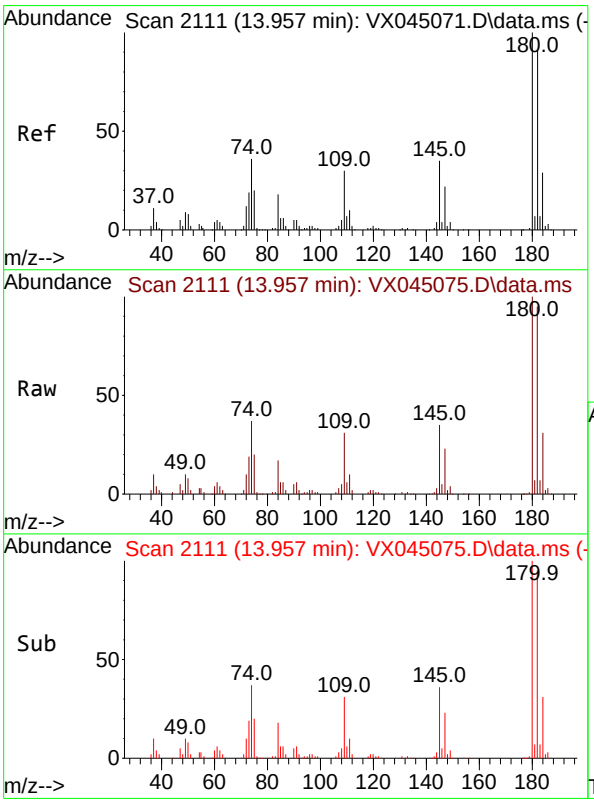
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.9	8.7	13.1



Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Manual Integrations
APPROVED

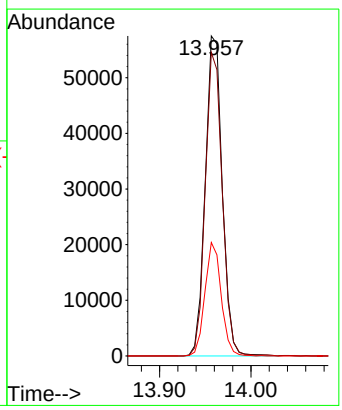
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#96
1,2,3-Trichlorobenzene
Concen: 54.049 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion:180 Resp: 74211

Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.5	142.6
145	33.9	17.0	50.9



Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045075.D
Acq On : 28 Feb 2025 04:33
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Quant Time: Feb 28 06:55:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 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	98	0.00
2	T	Dichlorodifluoromethane	0.629	0.603	4.1	95	0.00
3	P	Chloromethane	0.770	0.750	2.6	98	0.00
4	C	Vinyl Chloride	0.764	0.757	0.9#	98	0.00
5	T	Bromomethane	0.300	0.277	7.7	93	0.00
6	T	Chloroethane	0.352	0.296	15.9	78	0.00
7	T	Trichlorofluoromethane	1.011	1.003	0.8	94	0.00
8	T	Diethyl Ether	0.396	0.385	2.8	98	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.581	0.585	-0.7	97	0.00
10	T	Methyl Iodide	0.726	0.734	-1.1	94	0.00
11	T	Tert butyl alcohol	0.151	0.144	4.6	106	0.00
12	CM	1,1-Dichloroethene	0.614	0.609	0.8#	96	0.00
13	T	Acrolein	0.174	0.189	-8.6	107	0.00
14	T	Allyl chloride	1.094	1.131	-3.4	100	0.00
15	T	Acrylonitrile	0.404	0.413	-2.2	99	0.00
16	T	Acetone	0.369	0.358	3.0	100	0.00
17	T	Carbon Disulfide	1.636	1.635	0.1	97	0.00
18	T	Methyl Acetate	0.888	0.893	-0.6	101	0.00
19	T	Methyl tert-butyl Ether	2.061	2.190	-6.3	103	0.00
20	T	Methylene Chloride	0.731	0.726	0.7	102	0.00
21	T	trans-1,2-Dichloroethene	0.607	0.621	-2.3	97	0.00
22	T	Diisopropyl ether	2.224	2.400	-7.9	103	0.00
23	T	Vinyl Acetate	1.856	2.096	-12.9	105	0.00
24	P	1,1-Dichloroethane	1.247	1.276	-2.3	101	0.00
25	T	2-Butanone	0.555	0.587	-5.8	100	0.00
26	T	2,2-Dichloropropane	0.585	0.578	1.2	95	0.00
27	T	cis-1,2-Dichloroethene	0.749	0.773	-3.2	100	0.00
28	T	Bromochloromethane	0.594	0.599	-0.8	98	0.00
29	T	Tetrahydrofuran	0.373	0.385	-3.2	102	0.00
30	C	Chloroform	1.239	1.244	-0.4#	98	0.00
31	T	Cyclohexane	1.082	1.085	-0.3	96	0.00
32	T	1,1,1-Trichloroethane	1.000	1.019	-1.9	98	0.00
33	S	1,2-Dichloroethane-d4	0.795	0.800	-0.6	104	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
35	S	Dibromofluoromethane	0.334	0.340	-1.8	103	0.00
36	T	1,1-Dichloropropene	0.459	0.447	2.6	95	0.00
37	T	Ethyl Acetate	0.591	0.610	-3.2	100	0.00
38	T	Carbon Tetrachloride	0.465	0.460	1.1	98	0.00
39	T	Methylcyclohexane	0.549	0.562	-2.4	95	0.00
40	TM	Benzene	1.448	1.482	-2.3	98	0.00
41	T	Methacrylonitrile	0.319	0.341	-6.9	99	0.00
42	TM	1,2-Dichloroethane	0.521	0.529	-1.5	99	0.00
43	T	Isopropyl Acetate	0.874	0.951	-8.8	102	0.00
44	TM	Trichloroethene	0.340	0.333	2.1	97	0.00
45	C	1,2-Dichloropropane	0.372	0.380	-2.2#	102	0.00
46	T	Dibromomethane	0.263	0.272	-3.4	100	0.00
47	T	Bromodichloromethane	0.516	0.526	-1.9	99	0.00
48	T	Methyl methacrylate	0.438	0.474	-8.2	102	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045075.D
Acq On : 28 Feb 2025 04:33
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Quant Time: Feb 28 06:55:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 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	0.009	0.010	-11.1	102	0.00
50	S	Toluene-d8	1.212	1.221	-0.7	100	0.00
51	T	4-Methyl-2-Pentanone	0.587	0.610	-3.9	99	0.00
52	CM	Toluene	0.849	0.867	-2.1#	96	0.00
53	T	t-1,3-Dichloropropene	0.431	0.468	-8.6	99	0.00
54	T	cis-1,3-Dichloropropene	0.503	0.531	-5.6	98	0.00
55	T	1,1,2-Trichloroethane	0.350	0.351	-0.3	98	0.00
56	T	Ethyl methacrylate	0.532	0.575	-8.1	100	0.00
57	T	1,3-Dichloropropane	0.605	0.621	-2.6	99	0.00
58	T	2-Chloroethyl Vinyl ether	0.259	0.286	-10.4	100	0.00
59	T	2-Hexanone	0.425	0.451	-6.1	100	0.00
60	T	Dibromochloromethane	0.366	0.376	-2.7	97	0.00
61	T	1,2-Dibromoethane	0.349	0.360	-3.2	100	0.00
62	S	4-Bromofluorobenzene	0.402	0.396	1.5	98	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
64	T	Tetrachloroethene	0.320	0.321	-0.3	96	0.00
65	PM	Chlorobenzene	1.058	1.070	-1.1	95	0.00
66	T	1,1,1,2-Tetrachloroethane	0.352	0.360	-2.3	99	0.00
67	C	Ethyl Benzene	1.843	1.903	-3.3#	95	0.00
68	T	m/p-Xylenes	0.675	0.698	-3.4	94	0.00
69	T	o-Xylene	0.681	0.690	-1.3	95	0.00
70	T	Styrene	1.101	1.149	-4.4	95	0.00
71	P	Bromoform	0.266	0.280	-5.3	99	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	97	0.00
73	T	Isopropylbenzene	3.903	4.027	-3.2	95	0.00
74	T	N-amyl acetate	1.831	2.082	-13.7	103	0.00
75	P	1,1,2,2-Tetrachloroethane	1.432	1.453	-1.5	100	0.00
76	T	1,2,3-Trichloropropane	1.164	1.162	0.2	99	0.00
77	T	Bromobenzene	0.921	0.927	-0.7	96	0.00
78	T	n-propylbenzene	4.409	4.603	-4.4	93	0.00
79	T	2-Chlorotoluene	2.808	2.770	1.4	94	0.00
80	T	1,3,5-Trimethylbenzene	3.156	3.253	-3.1	94	0.00
81	T	trans-1,4-Dichloro-2-butene	0.340	0.345	-1.5	99	0.00
82	T	4-Chlorotoluene	3.060	3.122	-2.0	94	0.00
83	T	tert-Butylbenzene	3.242	3.278	-1.1	95	0.00
84	T	1,2,4-Trimethylbenzene	3.175	3.298	-3.9	95	0.00
85	T	sec-Butylbenzene	3.884	4.094	-5.4	95	0.00
86	T	p-Isopropyltoluene	3.139	3.315	-5.6	94	0.00
87	T	1,3-Dichlorobenzene	1.643	1.655	-0.7	97	0.00
88	T	1,4-Dichlorobenzene	1.662	1.665	-0.2	96	0.00
89	T	n-Butylbenzene	2.703	2.955	-9.3	95	0.00
90	T	Hexachloroethane	0.568	0.589	-3.7	95	0.00
91	T	1,2-Dichlorobenzene	1.648	1.677	-1.8	98	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.279	0.297	-6.5	100	0.00
93	T	1,2,4-Trichlorobenzene	0.938	1.029	-9.7	99	0.00
94	T	Hexachlorobutadiene	0.385	0.385	0.0	96	0.00
95	T	Naphthalene	3.605	3.977	-10.3	99	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045075.D
Acq On : 28 Feb 2025 04:33
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Quant Time: Feb 28 06:55:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 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	0.990	1.070	-8.1	98	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045075.D
Acq On : 28 Feb 2025 04:33
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Quant Time: Feb 28 06:55:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 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	98	0.00
2	T	Dichlorodifluoromethane	50.000	47.933	4.1	95	0.00
3	P	Chloromethane	50.000	48.696	2.6	98	0.00
4	C	Vinyl Chloride	50.000	49.529	0.9#	98	0.00
5	T	Bromomethane	50.000	46.190	7.6	93	0.00
6	T	Chloroethane	50.000	41.948	16.1	78	0.00
7	T	Trichlorofluoromethane	50.000	49.569	0.9	94	0.00
8	T	Diethyl Ether	50.000	48.651	2.7	98	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.367	-0.7	97	0.00
10	T	Methyl Iodide	50.000	50.541	-1.1	94	0.00
11	T	Tert butyl alcohol	250.000	238.577	4.6	106	0.00
12	CM	1,1-Dichloroethene	50.000	49.568	0.9#	96	0.00
13	T	Acrolein	250.000	271.255	-8.5	107	0.00
14	T	Allyl chloride	50.000	51.691	-3.4	100	0.00
15	T	Acrylonitrile	250.000	255.479	-2.2	99	0.00
16	T	Acetone	250.000	242.877	2.8	100	0.00
17	T	Carbon Disulfide	50.000	49.952	0.1	97	0.00
18	T	Methyl Acetate	50.000	50.312	-0.6	101	0.00
19	T	Methyl tert-butyl Ether	50.000	53.114	-6.2	103	0.00
20	T	Methylene Chloride	50.000	49.639	0.7	102	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.172	-2.3	97	0.00
22	T	Diisopropyl ether	50.000	53.955	-7.9	103	0.00
23	T	Vinyl Acetate	250.000	282.313	-12.9	105	0.00
24	P	1,1-Dichloroethane	50.000	51.190	-2.4	101	0.00
25	T	2-Butanone	250.000	264.040	-5.6	100	0.00
26	T	2,2-Dichloropropane	50.000	49.401	1.2	95	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.606	-3.2	100	0.00
28	T	Bromochloromethane	50.000	50.399	-0.8	98	0.00
29	T	Tetrahydrofuran	250.000	258.277	-3.3	102	0.00
30	C	Chloroform	50.000	50.236	-0.5#	98	0.00
31	T	Cyclohexane	50.000	50.158	-0.3	96	0.00
32	T	1,1,1-Trichloroethane	50.000	50.939	-1.9	98	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.297	-0.6	104	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	99	0.00
35	S	Dibromofluoromethane	50.000	50.841	-1.7	103	0.00
36	T	1,1-Dichloropropene	50.000	48.770	2.5	95	0.00
37	T	Ethyl Acetate	50.000	51.596	-3.2	100	0.00
38	T	Carbon Tetrachloride	50.000	49.425	1.2	98	0.00
39	T	Methylcyclohexane	50.000	51.169	-2.3	95	0.00
40	TM	Benzene	50.000	51.195	-2.4	98	0.00
41	T	Methacrylonitrile	50.000	53.352	-6.7	99	0.00
42	TM	1,2-Dichloroethane	50.000	50.718	-1.4	99	0.00
43	T	Isopropyl Acetate	50.000	54.452	-8.9	102	0.00
44	TM	Trichloroethene	50.000	48.924	2.2	97	0.00
45	C	1,2-Dichloropropane	50.000	51.086	-2.2#	102	0.00
46	T	Dibromomethane	50.000	51.661	-3.3	100	0.00
47	T	Bromodichloromethane	50.000	50.930	-1.9	99	0.00
48	T	Methyl methacrylate	50.000	54.016	-8.0	102	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045075.D
Acq On : 28 Feb 2025 04:33
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Quant Time: Feb 28 06:55:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 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	1049.007	-4.9	102	0.00
50	S	Toluene-d8	50.000	50.364	-0.7	100	0.00
51	T	4-Methyl-2-Pentanone	250.000	259.995	-4.0	99	0.00
52	CM	Toluene	50.000	51.020	-2.0#	96	0.00
53	T	t-1,3-Dichloropropene	50.000	54.247	-8.5	99	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.732	-5.5	98	0.00
55	T	1,1,2-Trichloroethane	50.000	50.232	-0.5	98	0.00
56	T	Ethyl methacrylate	50.000	54.109	-8.2	100	0.00
57	T	1,3-Dichloropropane	50.000	51.312	-2.6	99	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	275.557	-10.2	100	0.00
59	T	2-Hexanone	250.000	265.049	-6.0	100	0.00
60	T	Dibromochloromethane	50.000	51.374	-2.7	97	0.00
61	T	1,2-Dibromoethane	50.000	51.492	-3.0	100	0.00
62	S	4-Bromofluorobenzene	50.000	49.240	1.5	98	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	97	0.00
64	T	Tetrachloroethene	50.000	50.126	-0.3	96	0.00
65	PM	Chlorobenzene	50.000	50.580	-1.2	95	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.102	-2.2	99	0.00
67	C	Ethyl Benzene	50.000	51.621	-3.2#	95	0.00
68	T	m/p-Xylenes	100.000	103.454	-3.5	94	0.00
69	T	o-Xylene	50.000	50.668	-1.3	95	0.00
70	T	Styrene	50.000	52.177	-4.4	95	0.00
71	P	Bromoform	50.000	52.636	-5.3	99	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	0.00
73	T	Isopropylbenzene	50.000	51.589	-3.2	95	0.00
74	T	N-amyl acetate	50.000	56.851	-13.7	103	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.741	-1.5	100	0.00
76	T	1,2,3-Trichloropropane	50.000	49.940	0.1	99	0.00
77	T	Bromobenzene	50.000	50.360	-0.7	96	0.00
78	T	n-propylbenzene	50.000	52.203	-4.4	93	0.00
79	T	2-Chlorotoluene	50.000	49.338	1.3	94	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.544	-3.1	94	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.757	-1.5	99	0.00
82	T	4-Chlorotoluene	50.000	51.009	-2.0	94	0.00
83	T	tert-Butylbenzene	50.000	50.552	-1.1	95	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.932	-3.9	95	0.00
85	T	sec-Butylbenzene	50.000	52.703	-5.4	95	0.00
86	T	p-Isopropyltoluene	50.000	52.803	-5.6	94	0.00
87	T	1,3-Dichlorobenzene	50.000	50.372	-0.7	97	0.00
88	T	1,4-Dichlorobenzene	50.000	50.097	-0.2	96	0.00
89	T	n-Butylbenzene	50.000	54.662	-9.3	95	0.00
90	T	Hexachloroethane	50.000	51.866	-3.7	95	0.00
91	T	1,2-Dichlorobenzene	50.000	50.899	-1.8	98	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	53.199	-6.4	100	0.00
93	T	1,2,4-Trichlorobenzene	50.000	54.834	-9.7	99	0.00
94	T	Hexachlorobutadiene	50.000	50.032	-0.1	96	0.00
95	T	Naphthalene	50.000	55.163	-10.3	99	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045075.D
Acq On : 28 Feb 2025 04:33
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Quant Time: Feb 28 06:55:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 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	54.049	-8.1	98	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Alliance TECHNICAL GROUP

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: AECO15

Lab Code: CHEM Case No.: Q1557 SAS No.: Q1557 SDG No.: Q1557

Instrument ID: MSVOA_X Calibration Date/Time: 03/18/2025 10:02

Lab File ID: VX045312.D Init. Calib. Date(s): 02/28/2025 02/28/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 01:27 03:47

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.629	0.603		-4.13	20
Chloromethane	0.770	0.700	0.1	-9.09	20
Vinyl Chloride	0.764	0.630		-17.54	20
Bromomethane	0.300	0.274		-8.67	20
Chloroethane	0.352	0.317		-9.94	20
Trichlorofluoromethane	1.012	0.936		-7.51	20
1,1,2-Trichlorotrifluoroethane	0.581	0.621		6.89	20
1,1-Dichloroethene	0.614	0.582		-5.21	20
Acetone	0.369	0.341		-7.59	20
Carbon Disulfide	1.636	1.304		-20.29	20
Methyl tert-butyl Ether	2.061	2.048		-0.63	20
Methyl Acetate	0.888	1.047		17.91	20
Methylene Chloride	0.731	0.679		-7.11	20
trans-1,2-Dichloroethene	0.607	0.576		-5.11	20
1,1-Dichloroethane	1.247	1.218	0.1	-2.33	20
Cyclohexane	1.082	1.015		-6.19	20
2-Butanone	0.555	0.537		-3.24	20
Carbon Tetrachloride	0.465	0.471		1.29	20
cis-1,2-Dichloroethene	0.749	0.729		-2.67	20
Bromochloromethane	0.594	0.601		1.18	20
Chloroform	1.239	1.221		-1.45	20
1,1,1-Trichloroethane	1.000	0.996		-0.4	20
Methylcyclohexane	0.549	0.568		3.46	20
Benzene	1.448	1.413		-2.42	20
1,2-Dichloroethane	0.521	0.545		4.61	20
Trichloroethene	0.340	0.329		-3.23	20
1,2-Dichloropropane	0.372	0.365		-1.88	20
Bromodichloromethane	0.516	0.537		4.07	20
4-Methyl-2-Pentanone	0.587	0.609		3.75	20
Toluene	0.849	0.858		1.06	20
t-1,3-Dichloropropene	0.431	0.479		11.14	20
cis-1,3-Dichloropropene	0.503	0.545		8.35	20
1,1,2-Trichloroethane	0.350	0.352		0.57	20
2-Hexanone	0.425	0.449		5.65	20
Dibromochloromethane	0.366	0.388		6.01	20
1,2-Dibromoethane	0.349	0.352		0.86	20
Tetrachloroethene	0.320	0.327		2.19	20
Chlorobenzene	1.058	1.075	0.3	1.61	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.: Q1557 SAS No.: Q1557 SDG No.: Q1557

Instrument ID: MSVOA_X Calibration Date/Time: 03/18/2025 10:02

Lab File ID: VX045312.D Init. Calib. Date(s): 02/28/2025 02/28/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 01:27 03:47

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.843	1.908		3.53	20
m/p-Xylenes	0.675	0.703		4.15	20
o-Xylene	0.681	0.698		2.5	20
Styrene	1.101	1.193		8.36	20
Bromoform	0.266	0.287	0.1	7.89	20
Isopropylbenzene	3.903	3.904		0.03	20
1,1,2,2-Tetrachloroethane	1.432	1.398	0.3	-2.37	20
1,3-Dichlorobenzene	1.643	1.686		2.62	20
1,4-Dichlorobenzene	1.662	1.658		-0.24	20
1,2-Dichlorobenzene	1.648	1.675		1.64	20
1,2-Dibromo-3-Chloropropane	0.279	0.294		5.38	20
1,2,4-Trichlorobenzene	0.938	1.026		9.38	20
1,2,3-Trichlorobenzene	0.990	1.049		5.96	20
1,2-Dichloroethane-d4	0.795	0.819		3.02	20
Dibromofluoromethane	0.334	0.351		5.09	20
Toluene-d8	1.212	1.212		0	20
4-Bromofluorobenzene	0.402	0.438		8.95	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\VX031825\
Data File : VX045312.D
Acq On : 18 Mar 2025 10:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 19 01:38:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	99818	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	175808	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	151375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	71356	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	81784	51.509	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.020%			
35) Dibromofluoromethane	5.379	113	61666	52.456	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.920%			
50) Toluene-d8	8.647	98	213078	49.996	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.000%			
62) 4-Bromofluorobenzene	11.079	95	77049	54.557	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 109.120%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	60222	47.929	ug/l	97
3) Chloromethane	1.300	50	69904	45.462	ug/l	100
4) Vinyl Chloride	1.374	62	62913	41.244	ug/l	97
5) Bromomethane	1.593	94	27332	45.580	ug/l	99
6) Chloroethane	1.660	64	31612	44.930	ug/l	100
7) Trichlorofluoromethane	1.867	101	93429	46.268	ug/l	96
8) Diethyl Ether	2.130	74	33560	42.490	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.312	101	62031	53.469	ug/l	98
10) Methyl Iodide	2.441	142	74553	51.423	ug/l	97
11) Tert butyl alcohol	2.983	59	58920	195.913	ug/l	99
12) 1,1-Dichloroethene	2.306	96	58098	47.367	ug/l	99
13) Acrolein	2.233	56	81811	235.324	ug/l	100
14) Allyl chloride	2.654	41	108834	49.848	ug/l	95
15) Acrylonitrile	3.062	53	193713	240.329	ug/l	99
16) Acetone	2.386	43	170062	230.853	ug/l	98
17) Carbon Disulfide	2.501	76	130150	39.839	ug/l	98
18) Methyl Acetate	2.703	43	104537	58.988	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	204467	49.687	ug/l	99
20) Methylene Chloride	2.782	84	67795	46.459	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	57461	47.420	ug/l	95
22) Diisopropyl ether	3.757	45	222471	50.102	ug/l	93
23) Vinyl Acetate	3.715	43	925572	249.784	ug/l	99
24) 1,1-Dichloroethane	3.599	63	121571	48.853	ug/l	99
25) 2-Butanone	4.556	43	267999	241.687	ug/l	100
26) 2,2-Dichloropropane	4.465	77	84755	72.611	ug/l	95
27) cis-1,2-Dichloroethene	4.477	96	72736	48.625	ug/l	93
28) Bromochloromethane	4.885	49	59956	50.547	ug/l	98
29) Tetrahydrofuran	5.001	42	169735	227.936	ug/l	100
30) Chloroform	5.080	83	121902	49.301	ug/l	97
31) Cyclohexane	5.458	56	101352	46.918	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	99429	49.788	ug/l	97
36) 1,1-Dichloropropene	5.684	75	79034	49.023	ug/l	99
37) Ethyl Acetate	4.708	43	99330	47.814	ug/l	99
38) Carbon Tetrachloride	5.666	117	82850	50.618	ug/l	98
39) Methylcyclohexane	7.373	83	99912	51.720	ug/l	99
40) Benzene	6.025	78	248464	48.805	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045312.D
Acq On : 18 Mar 2025 10:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 19 01:38:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.916	41	57809	51.464	ug/l		98
42) 1,2-Dichloroethane	6.080	62	95767	52.239	ug/l		98
43) Isopropyl Acetate	6.336	43	158682	51.656	ug/l		99
44) Trichloroethene	7.117	130	57829	48.376	ug/l		98
45) 1,2-Dichloropropane	7.427	63	64231	49.071	ug/l		100
46) Dibromomethane	7.574	93	47670	51.526	ug/l		97
47) Bromodichloromethane	7.818	83	94385	52.012	ug/l		99
48) Methyl methacrylate	7.690	41	81849	53.109	ug/l		95
49) 1,4-Dioxane	7.659	88	29493	907.231	ug/l		96
51) 4-Methyl-2-Pentanone	8.574	43	535545	259.644	ug/l		100
52) Toluene	8.714	92	150886	50.515	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	84146	55.465	ug/l		96
54) cis-1,3-Dichloropropene	8.360	75	95867	54.190	ug/l		94
55) 1,1,2-Trichloroethane	9.147	97	61925	50.360	ug/l		97
56) Ethyl methacrylate	9.116	69	100306	53.664	ug/l		96
57) 1,3-Dichloropropane	9.305	76	106823	50.198	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	265011	290.649	ug/l		98
59) 2-Hexanone	9.427	43	394266	263.820	ug/l		99
60) Dibromochloromethane	9.518	129	68198	53.043	ug/l		99
61) 1,2-Dibromoethane	9.604	107	61888	50.415	ug/l		98
64) Tetrachloroethene	9.269	164	49539	51.098	ug/l		94
65) Chlorobenzene	10.073	112	162786	50.822	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	54990	51.552	ug/l		98
67) Ethyl Benzene	10.189	91	288783	51.743	ug/l		100
68) m/p-Xylenes	10.299	106	212826	104.167	ug/l		98
69) o-Xylene	10.640	106	105690	51.291	ug/l		99
70) Styrene	10.652	104	180599	54.166	ug/l		99
71) Bromoform	10.799	173	43504	54.084	ug/l	#	99
73) Isopropylbenzene	10.957	105	278606	50.023	ug/l		98
74) N-amyl acetate	10.841	43	139101	53.226	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	99756	48.809	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	81471m	49.055	ug/l		
77) Bromobenzene	11.195	156	64588	49.150	ug/l		98
78) n-propylbenzene	11.299	91	329285	52.338	ug/l		98
79) 2-Chlorotoluene	11.360	91	197543	49.301	ug/l		98
80) 1,3,5-Trimethylbenzene	11.451	105	229603	50.984	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	26079	53.737	ug/l		92
82) 4-Chlorotoluene	11.451	91	226650	51.902	ug/l		100
83) tert-Butylbenzene	11.713	119	232507	50.249	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	234292	51.705	ug/l		99
85) sec-Butylbenzene	11.890	105	295168	53.254	ug/l		100
86) p-Isopropyltoluene	12.006	119	243748	54.417	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	120314	51.323	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	118289	49.875	ug/l		99
89) n-Butylbenzene	12.329	91	223520	57.938	ug/l		99
90) Hexachloroethane	12.536	117	41142	50.780	ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	119524	50.826	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20953	52.623	ug/l		94
93) 1,2,4-Trichlorobenzene	13.585	180	73192	54.660	ug/l		100
94) Hexachlorobutadiene	13.725	225	30372	55.325	ug/l		99
95) Naphthalene	13.774	128	268238	52.139	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	74839	52.979	ug/l		100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045312.D
Acq On : 18 Mar 2025 10:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 19 01:38:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

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

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

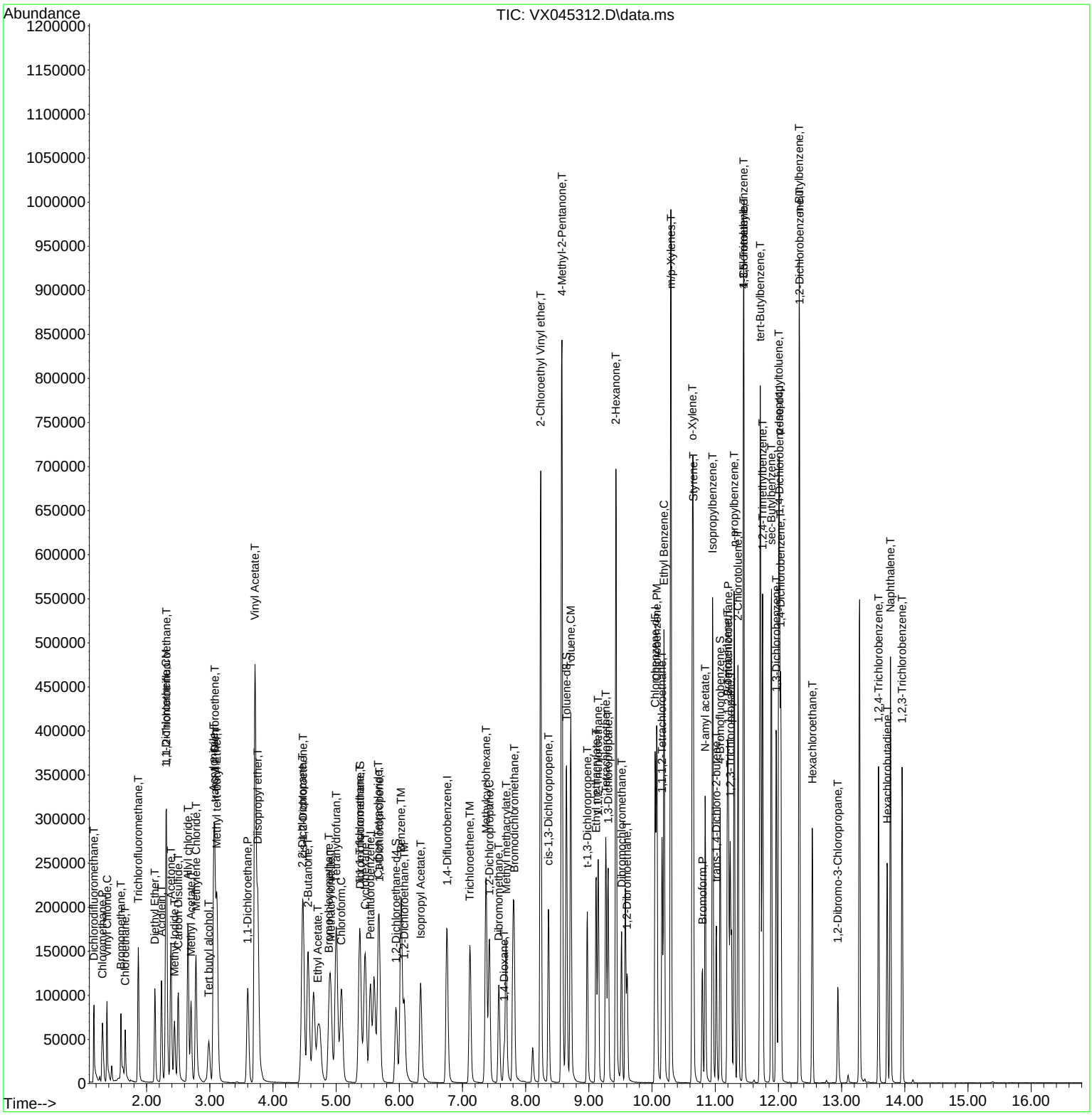
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045312.D
Acq On : 18 Mar 2025 10:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

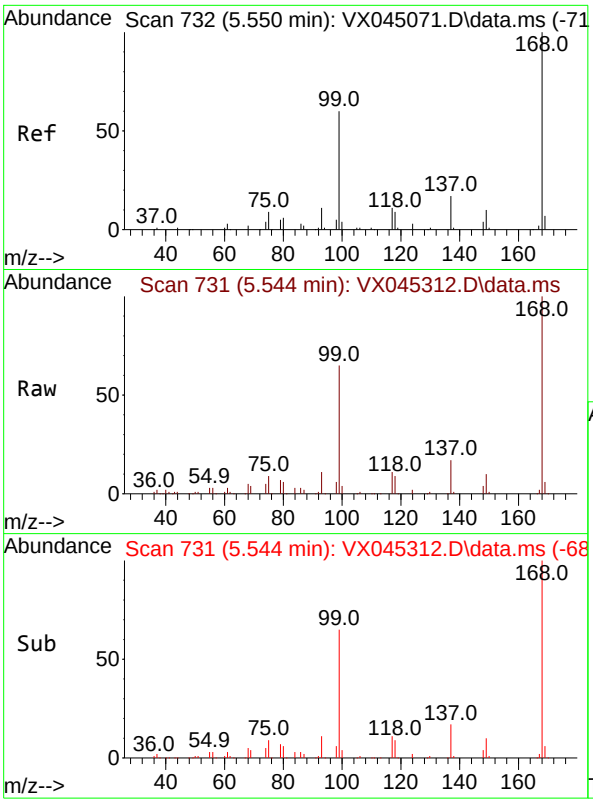
Quant Time: Mar 19 01:38:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

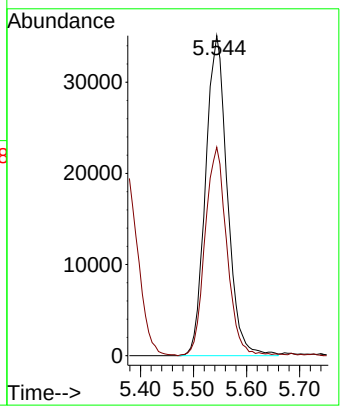




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion:168 Resp: 9981

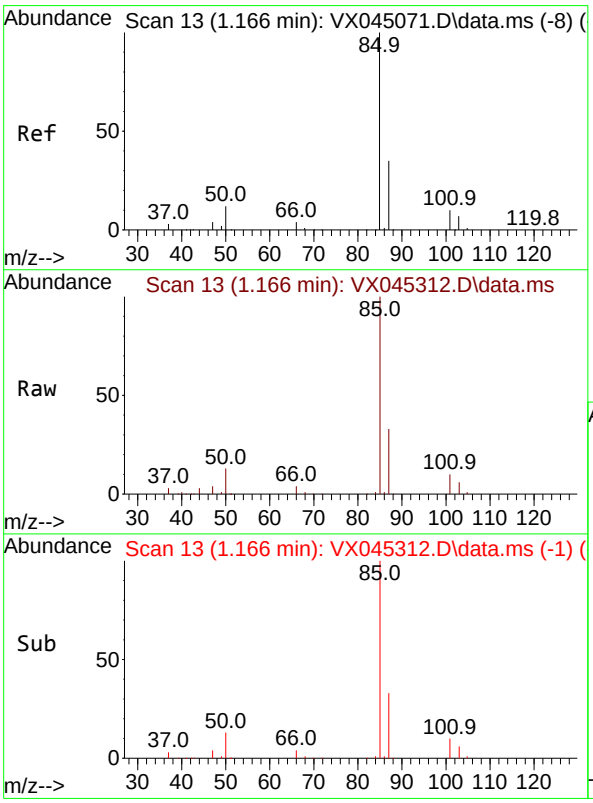
Ion	Ratio	Lower	Upper
168	100		
99	65.1	48.2	72.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

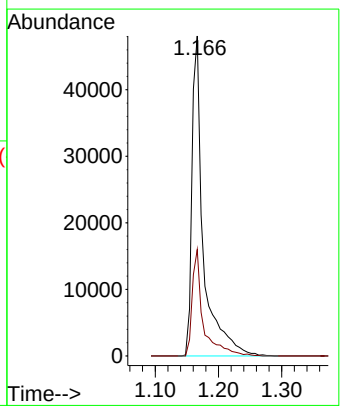
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

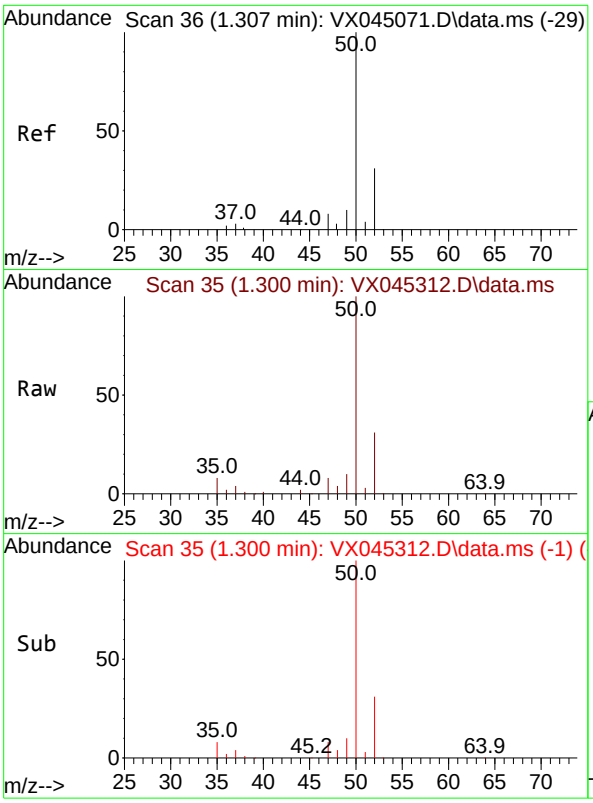


#2
Dichlorodifluoromethane
Concen: 47.929 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 85 Resp: 60222

Ion	Ratio	Lower	Upper
85	100		
87	33.2	17.4	52.3

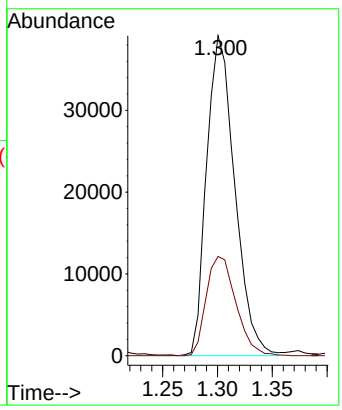




#3
Chloromethane
Concen: 45.462 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 50 Resp: 6990

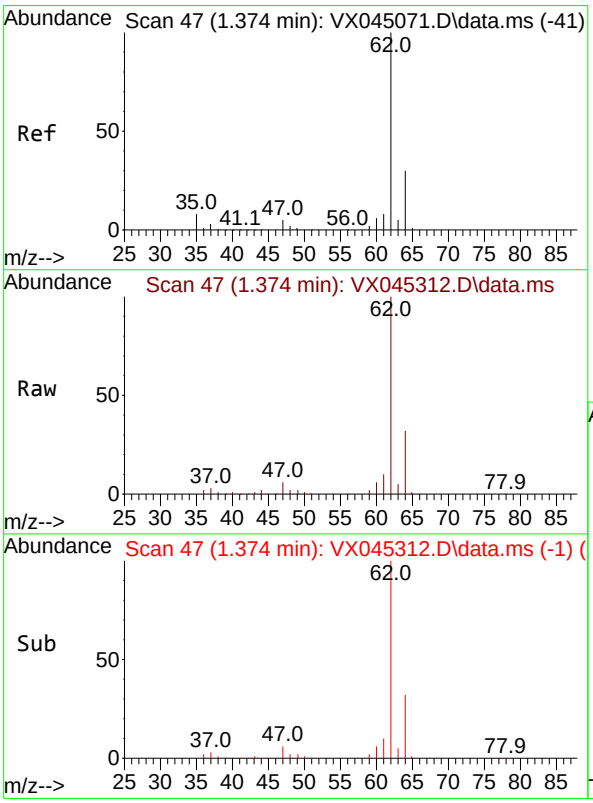
Ion	Ratio	Lower	Upper
50	100		
52	31.0	25.0	37.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

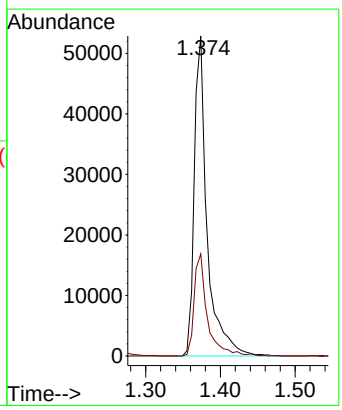
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

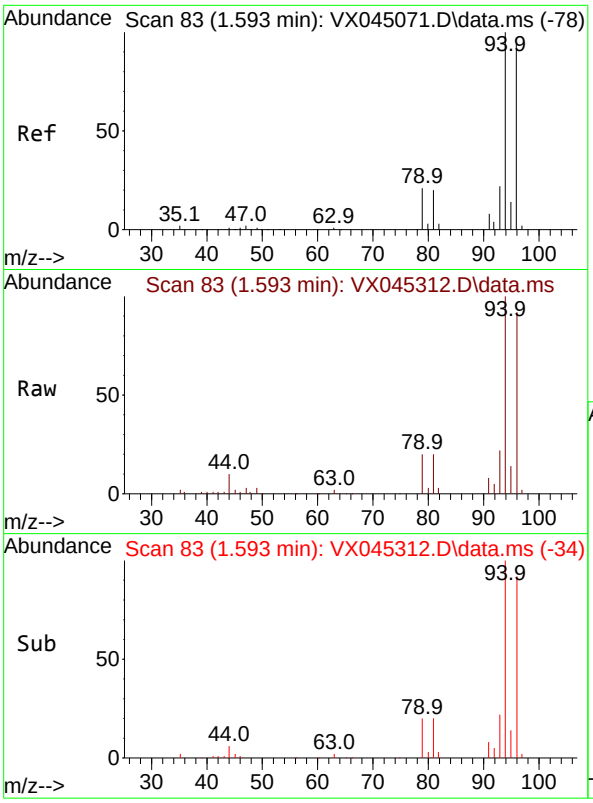


#4
Vinyl Chloride
Concen: 41.244 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 62 Resp: 62913

Ion	Ratio	Lower	Upper
62	100		
64	31.9	24.3	36.5

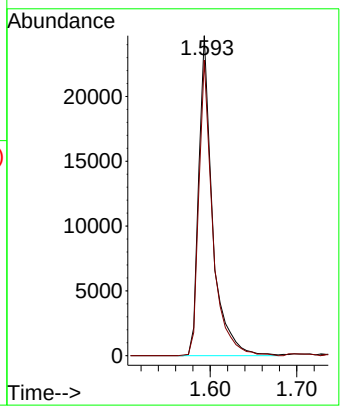




#5
Bromomethane
Concen: 45.580 ug/l
RT: 1.593 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 94 Resp: 2733

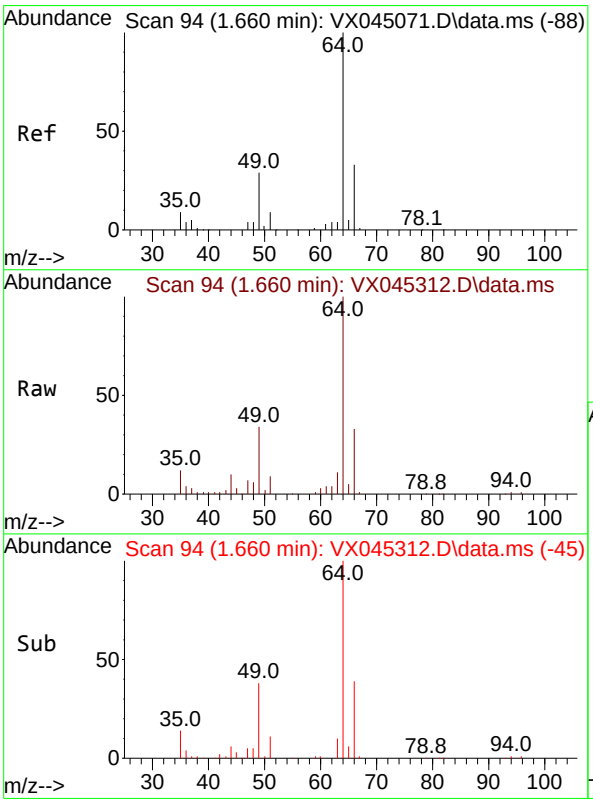
Ion	Ratio	Lower	Upper
94	100		
96	92.4	75.0	112.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

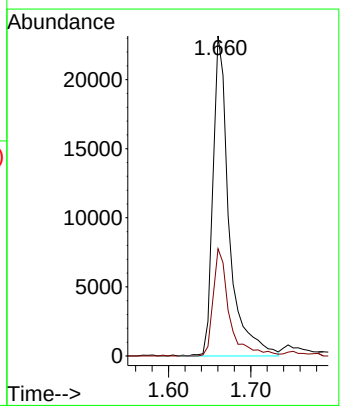
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

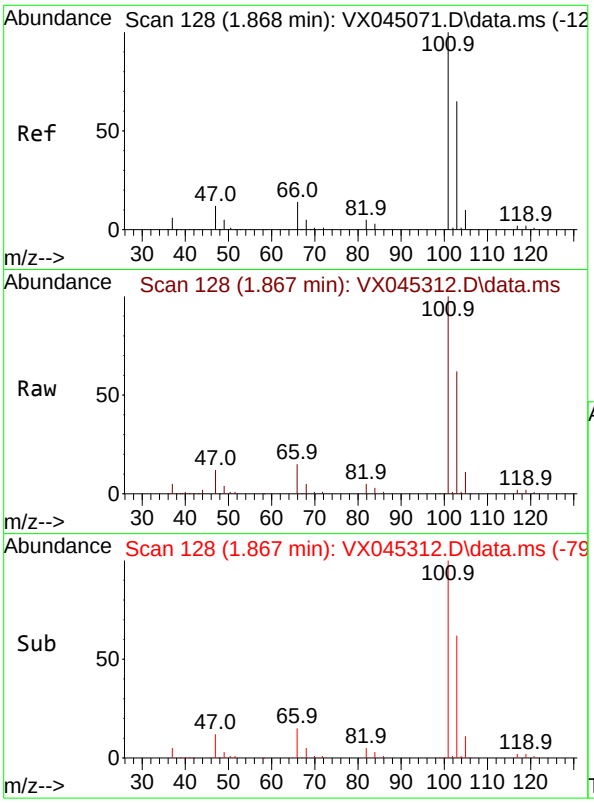


#6
Chloroethane
Concen: 44.930 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 64 Resp: 31612

Ion	Ratio	Lower	Upper
64	100		
66	33.5	26.7	40.1

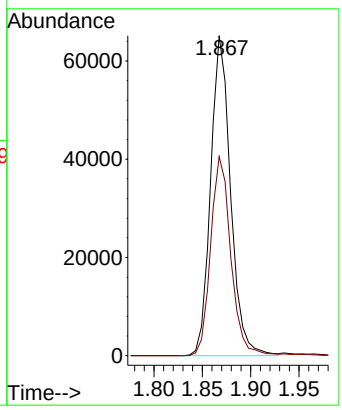




#7
Trichlorofluoromethane
Concen: 46.268 ug/l
RT: 1.867 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion:101 Resp: 9342

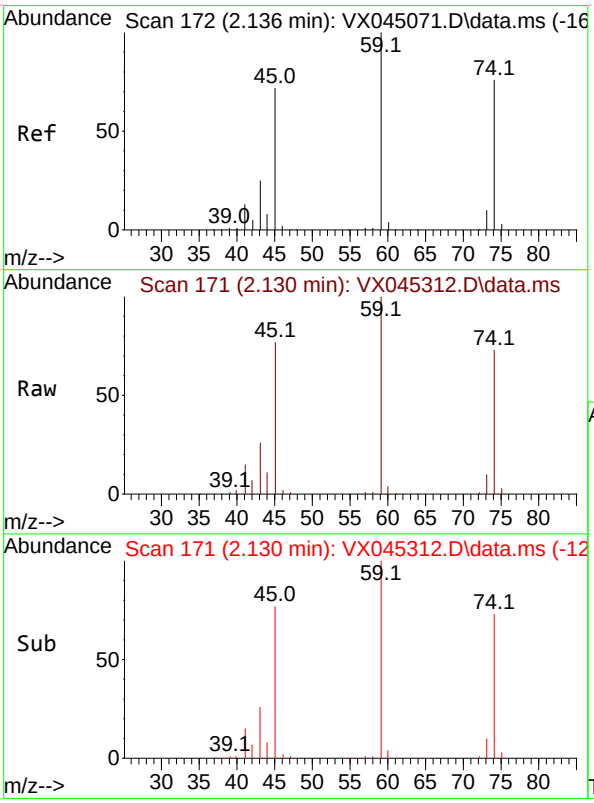
Ion	Ratio	Lower	Upper
101	100		
103	62.2	52.1	78.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

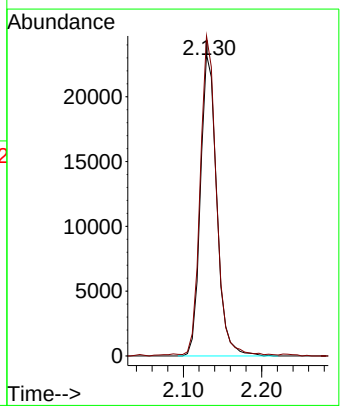
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

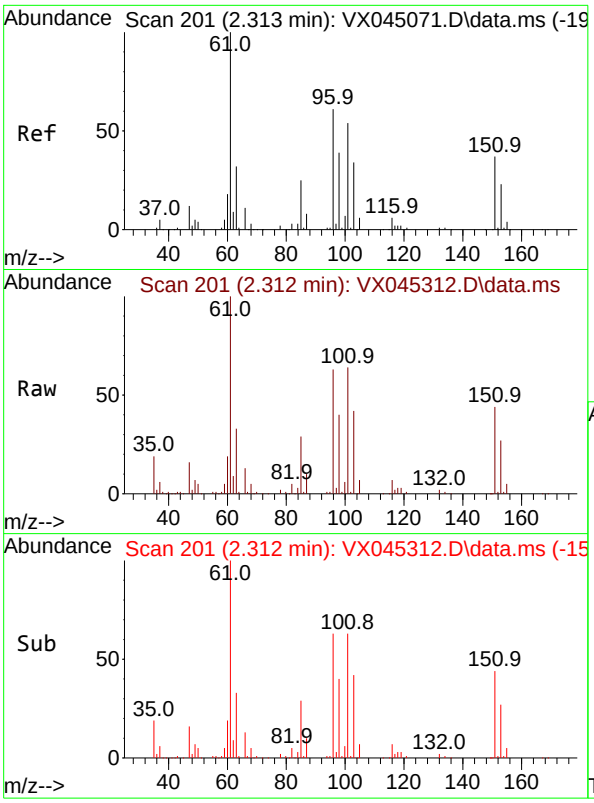


#8
Diethyl Ether
Concen: 42.490 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 74 Resp: 33560

Ion	Ratio	Lower	Upper
74	100		
45	106.8	51.5	154.5

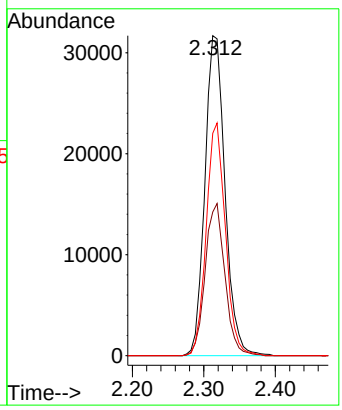




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.469 ug/l
RT: 2.312 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion:101 Resp: 6203

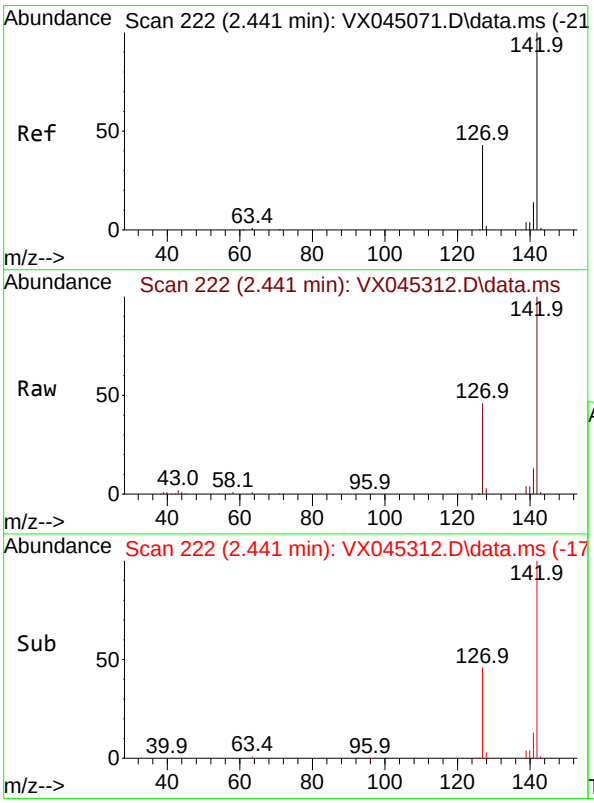
Ion	Ratio	Lower	Upper
101	100		
85	46.7	36.2	54.4
151	69.2	56.4	84.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

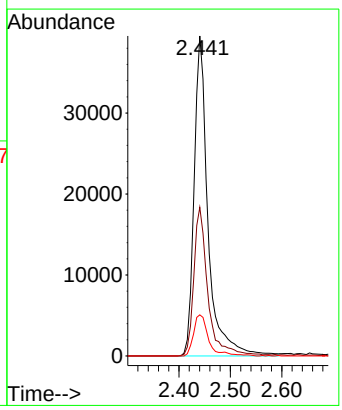
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

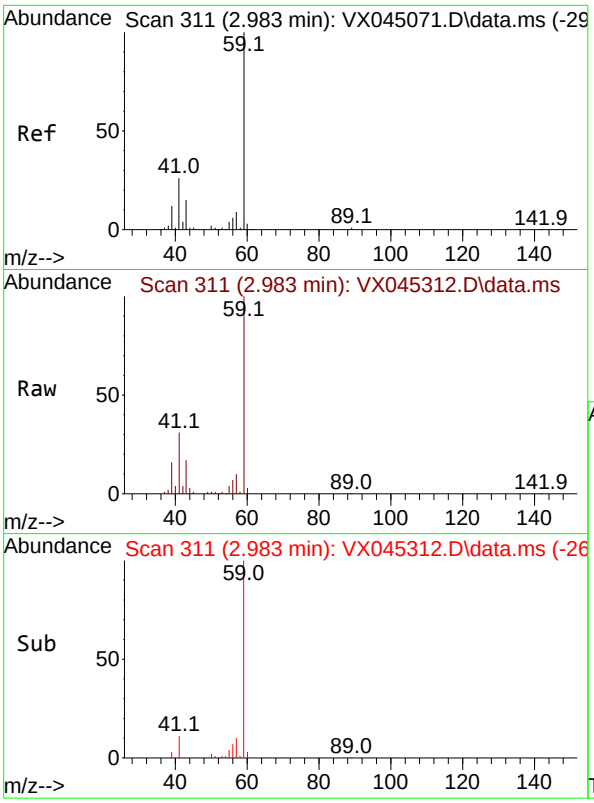


#10
Methyl Iodide
Concen: 51.423 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion:142 Resp: 74553

Ion	Ratio	Lower	Upper
142	100		
127	46.9	35.4	53.2
141	13.9	11.6	17.4

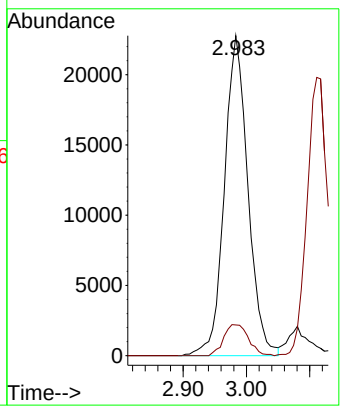




#11
Tert butyl alcohol
Concen: 195.913 ug/l
RT: 2.983 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 59 Resp: 5892

Ion	Ratio	Lower	Upper
59	100		
57	10.2	7.8	11.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/19/2025
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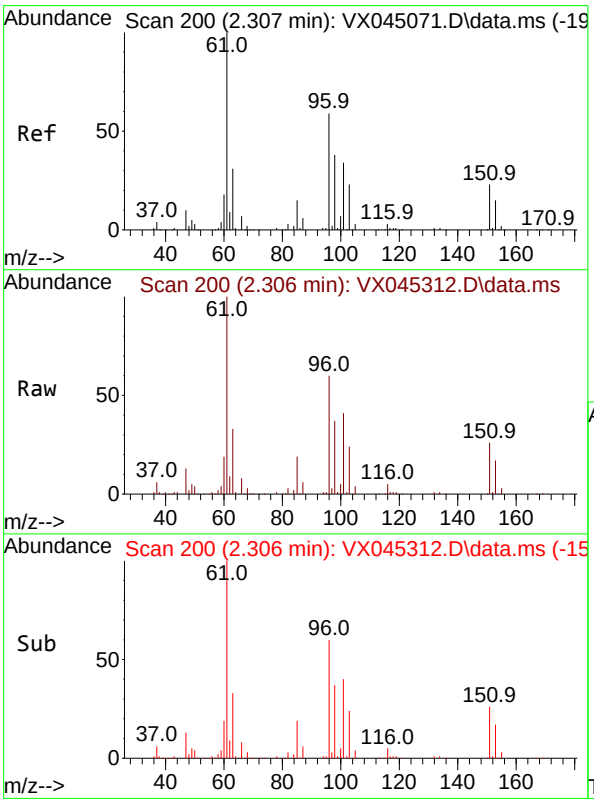
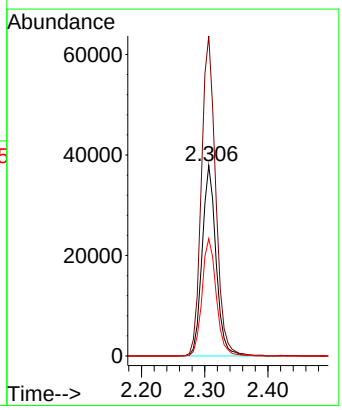
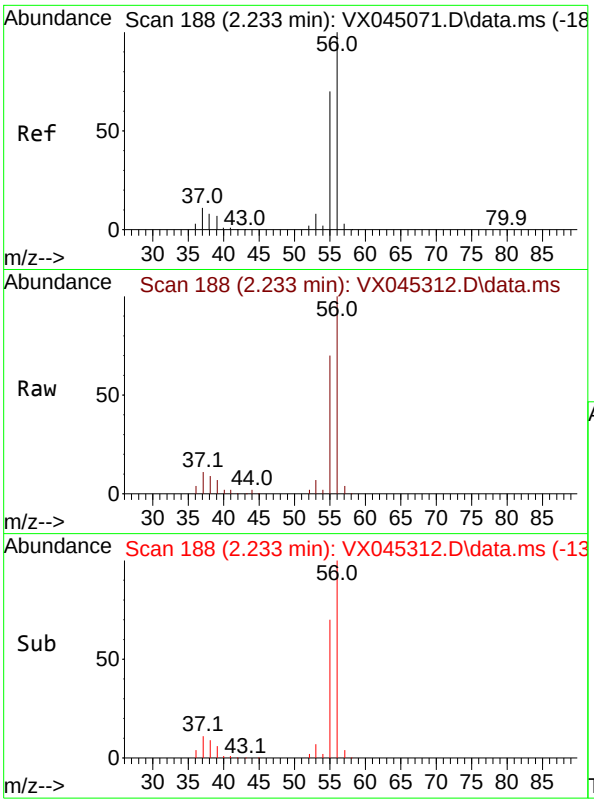


#12
1,1-Dichloroethene
Concen: 47.367 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 96 Resp: 58098

Ion	Ratio	Lower	Upper
96	100		
61	168.0	134.6	202.0
98	61.6	51.0	76.6

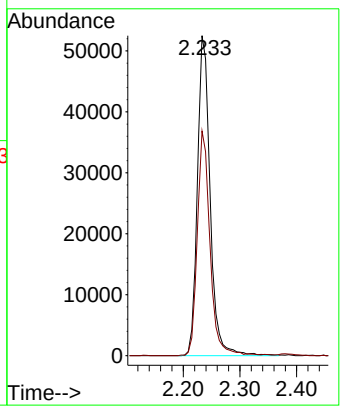




#13
Acrolein
Concen: 235.324 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 56 Resp: 8181

Ion	Ratio	Lower	Upper
56	100		
55	70.1	56.2	84.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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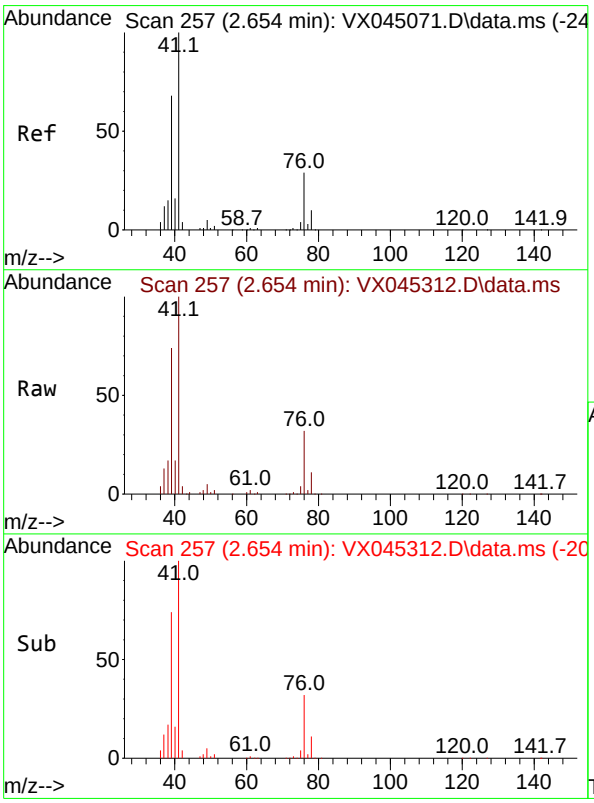
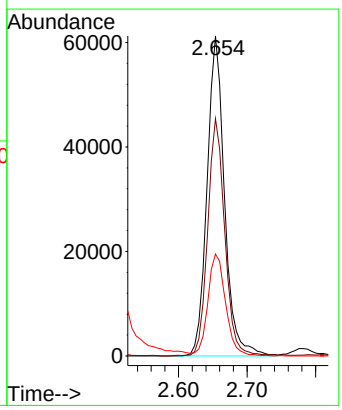
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

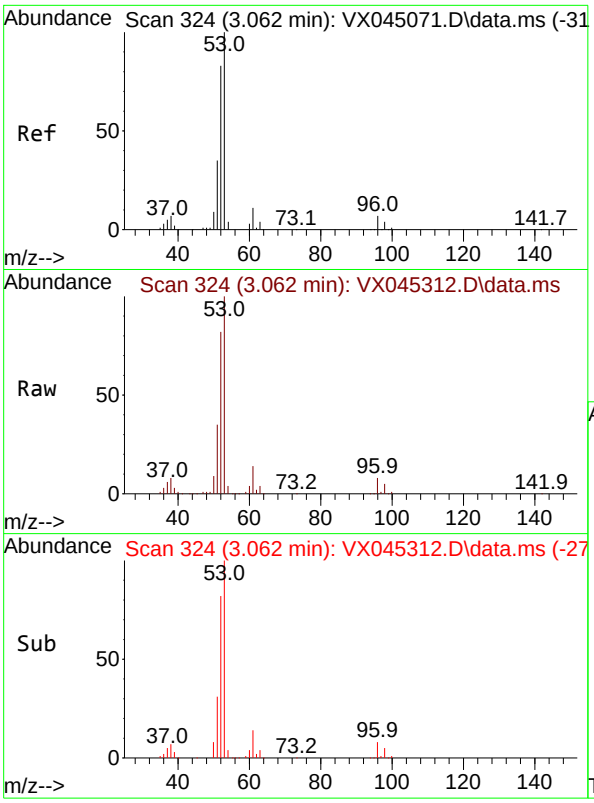


#14
Allyl chloride
Concen: 49.848 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 41 Resp: 108834

Ion	Ratio	Lower	Upper
41	100		
39	72.6	53.8	80.8
76	32.4	25.2	37.8





#15
Acrylonitrile
Concen: 240.329 ug/l
RT: 3.062 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 53 Resp: 19371

Ion	Ratio	Lower	Upper
53	100		
52	84.0	66.2	99.2
51	36.1	29.0	43.4

Instrument :
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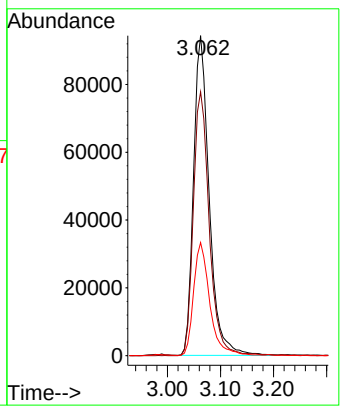
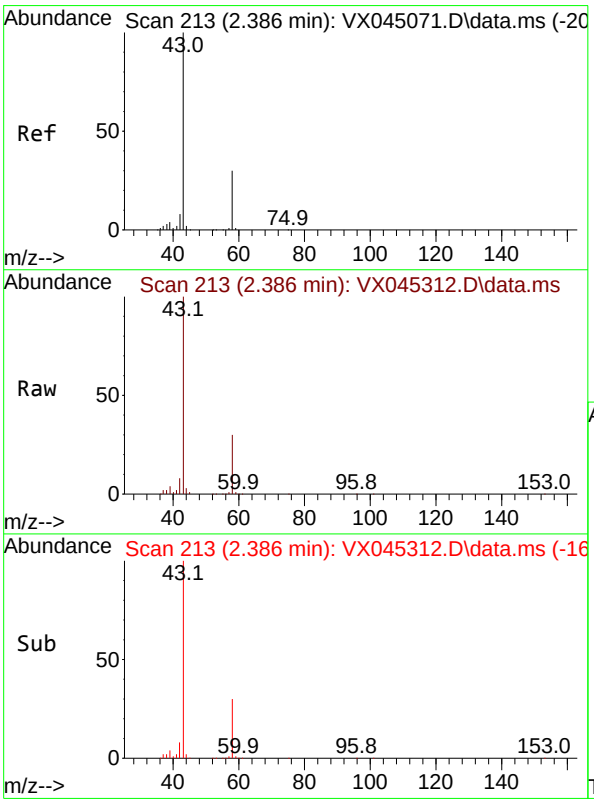
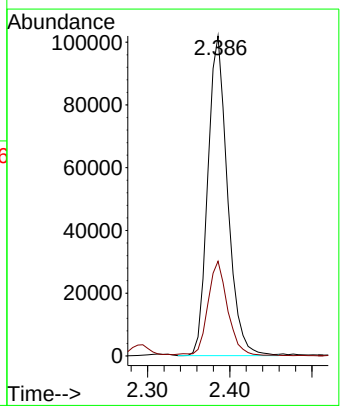


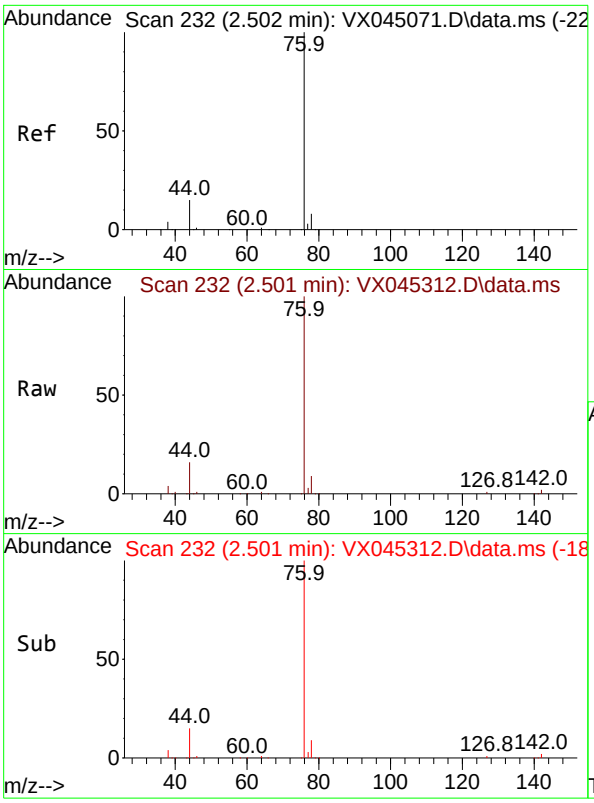


#16
Acetone
Concen: 230.853 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 43 Resp: 170062

Ion	Ratio	Lower	Upper
43	100		
58	29.4	24.2	36.4

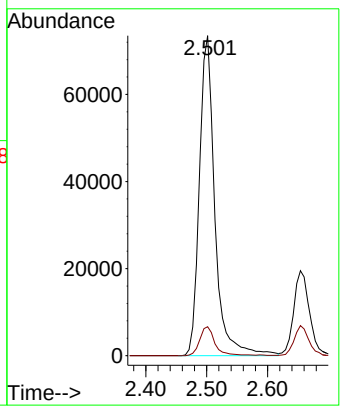




#17
Carbon Disulfide
Concen: 39.839 ug/l
RT: 2.501 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 76 Resp: 13015

Ion	Ratio	Lower	Upper
76	100		
78	9.1	6.6	9.8



Instrument :
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ClientSampleId :
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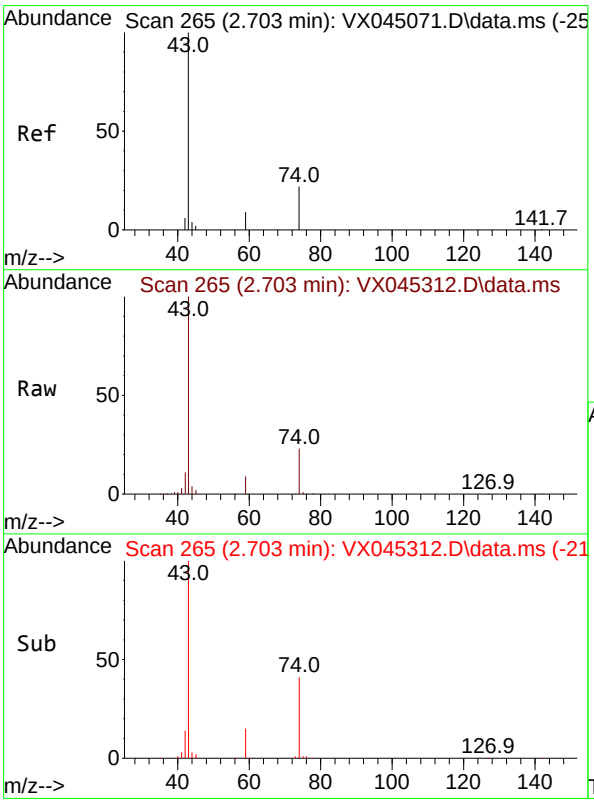
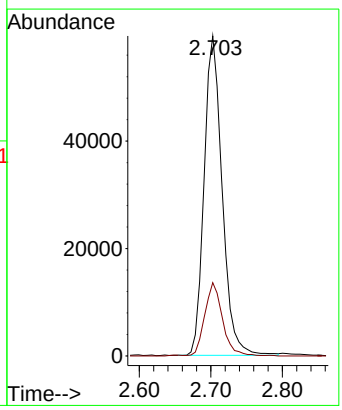
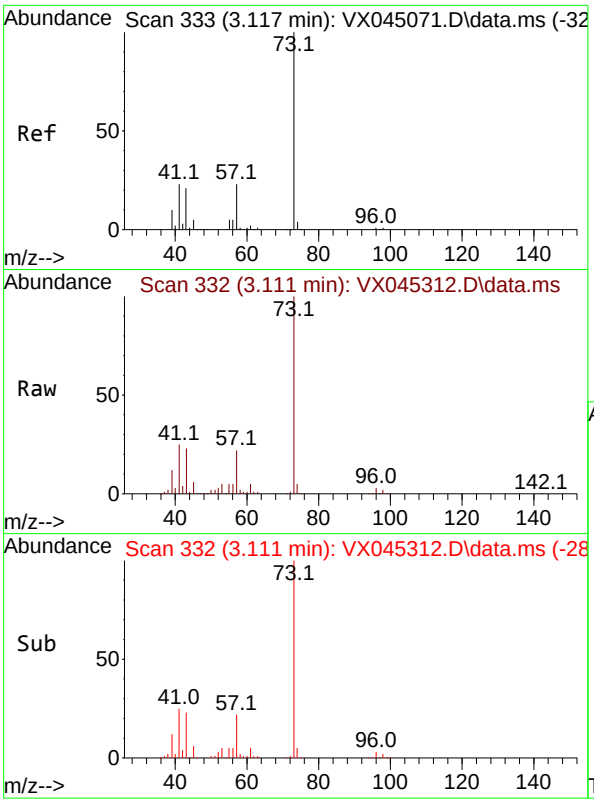


#18
Methyl Acetate
Concen: 58.988 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 43 Resp: 104537

Ion	Ratio	Lower	Upper
43	100		
74	22.0	17.4	26.2

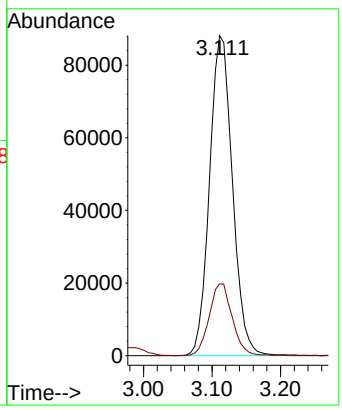




#19
Methyl tert-butyl Ether
Concen: 49.687 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 73 Resp: 20446

Ion	Ratio	Lower	Upper
73	100		
57	22.4	18.5	27.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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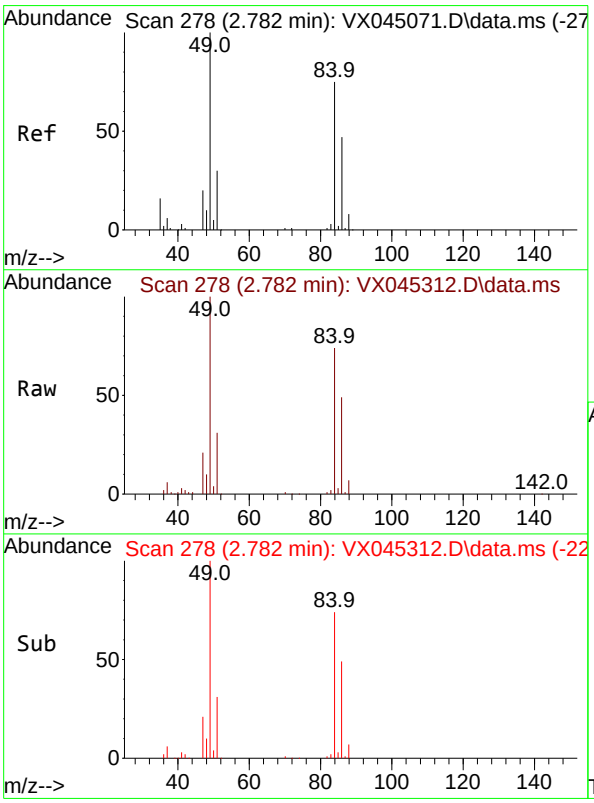
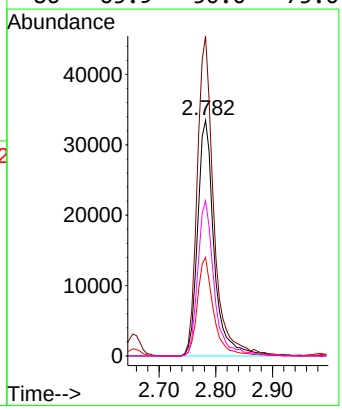
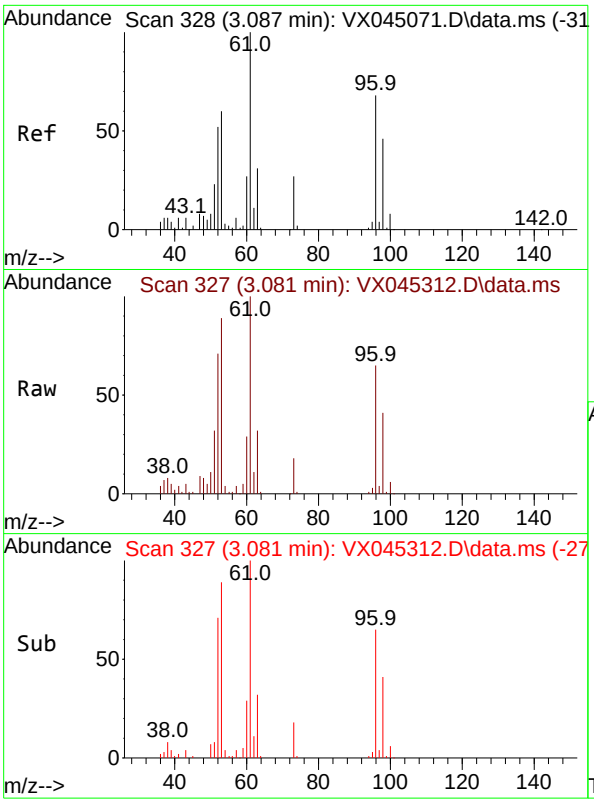


#20
Methylene Chloride
Concen: 46.459 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 84 Resp: 67795

Ion	Ratio	Lower	Upper
84	100		
49	135.8	106.5	159.7
51	41.8	32.1	48.1
86	65.9	50.0	75.0

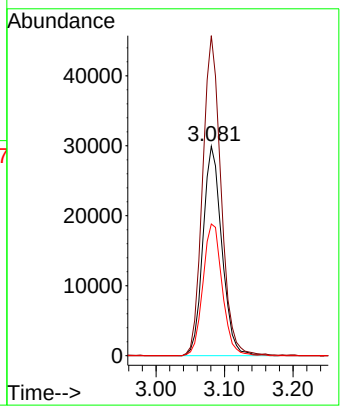




#21
trans-1,2-Dichloroethene
Concen: 47.420 ug/l
RT: 3.081 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 96 Resp: 5746

Ion	Ratio	Lower	Upper
96	100		
61	152.8	117.0	175.4
98	62.9	53.4	80.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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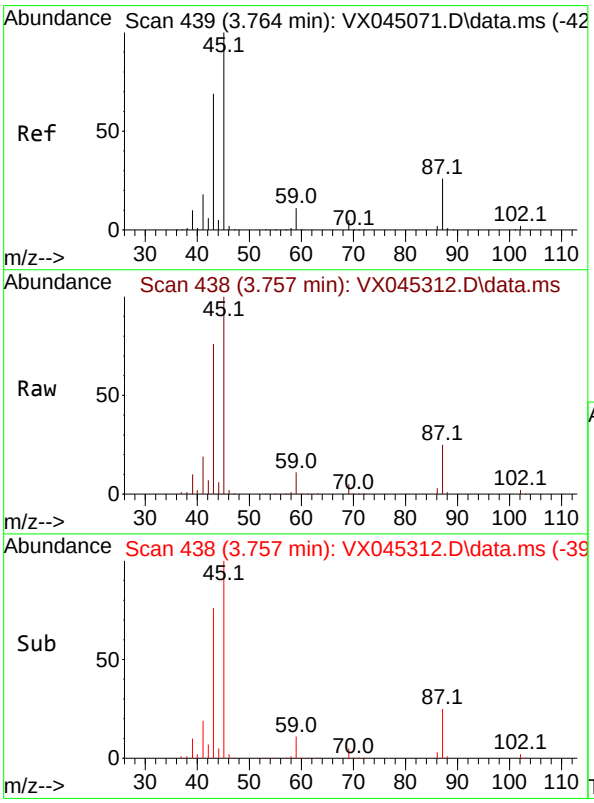
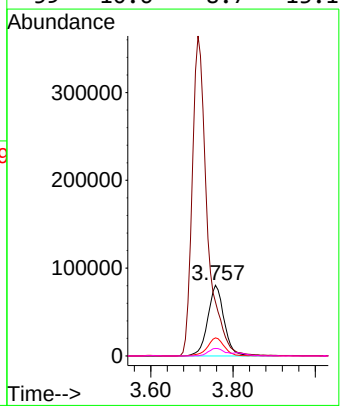
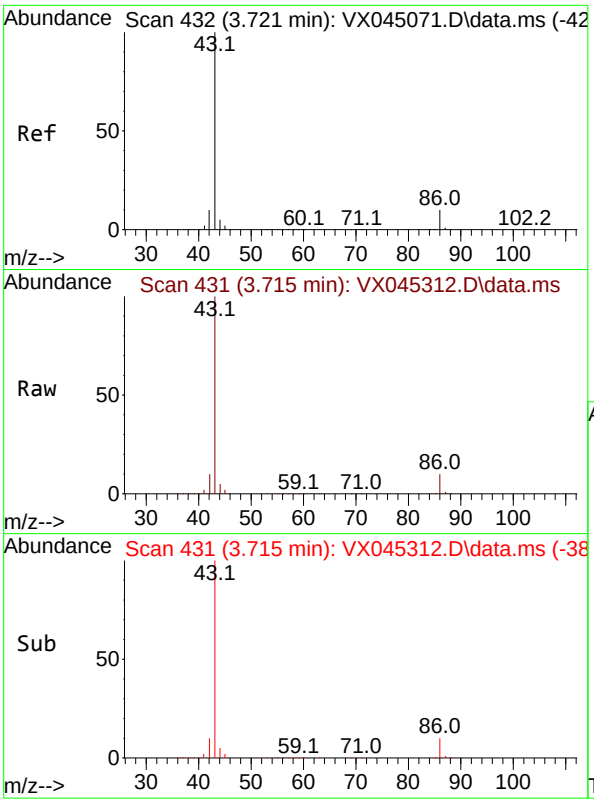


#22
Diisopropyl ether
Concen: 50.102 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 45 Resp: 222471

Ion	Ratio	Lower	Upper
45	100		
43	76.2	54.9	82.3
87	25.5	21.0	31.4
59	10.6	8.7	13.1





#23
Vinyl Acetate
Concen: 249.784 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 43 Resp: 92557

Ion	Ratio	Lower	Upper
43	100		
86	9.6	8.1	12.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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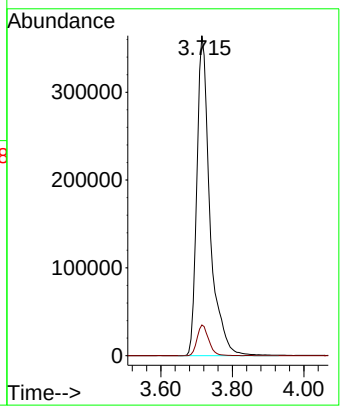
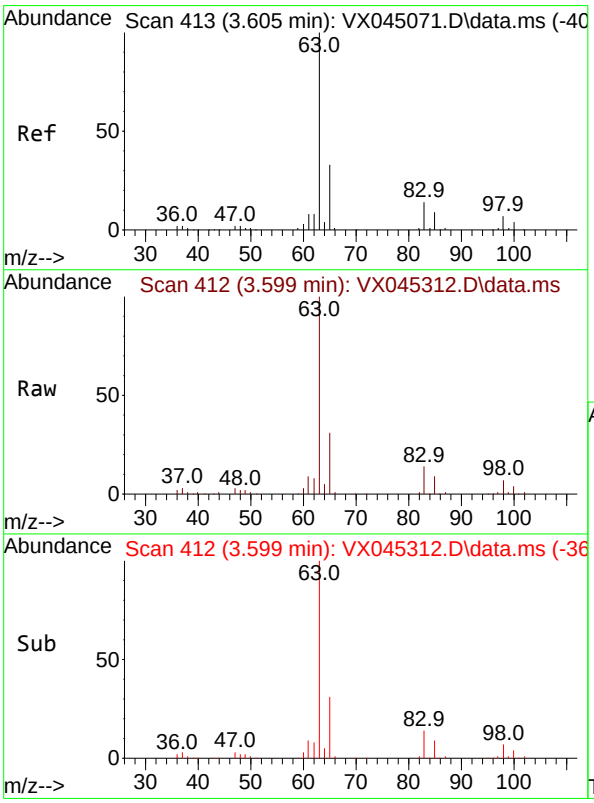
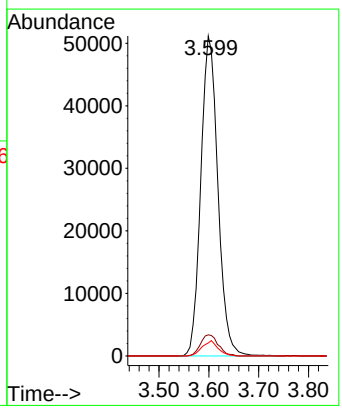


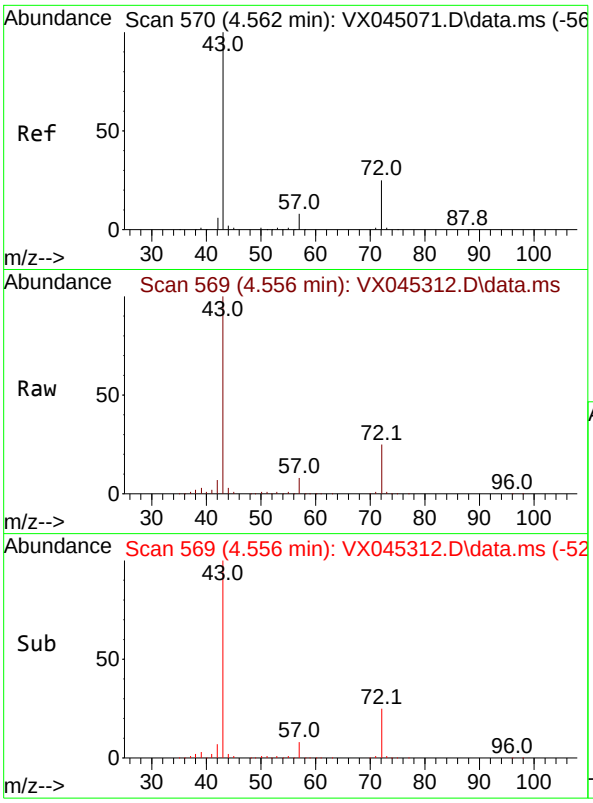


#24
1,1-Dichloroethane
Concen: 48.853 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 63 Resp: 121571

Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.4	10.2
100	4.0	2.1	6.5

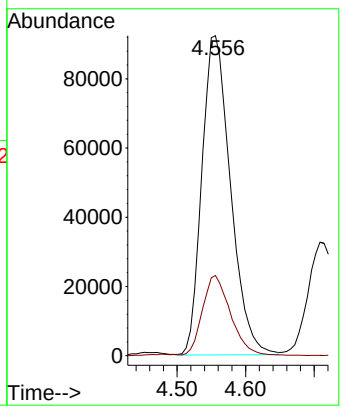




#25
2-Butanone
Concen: 241.687 ug/l
RT: 4.556 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 43 Resp: 26799

Ion	Ratio	Lower	Upper
43	100		
72	24.9	20.0	30.0



Instrument :
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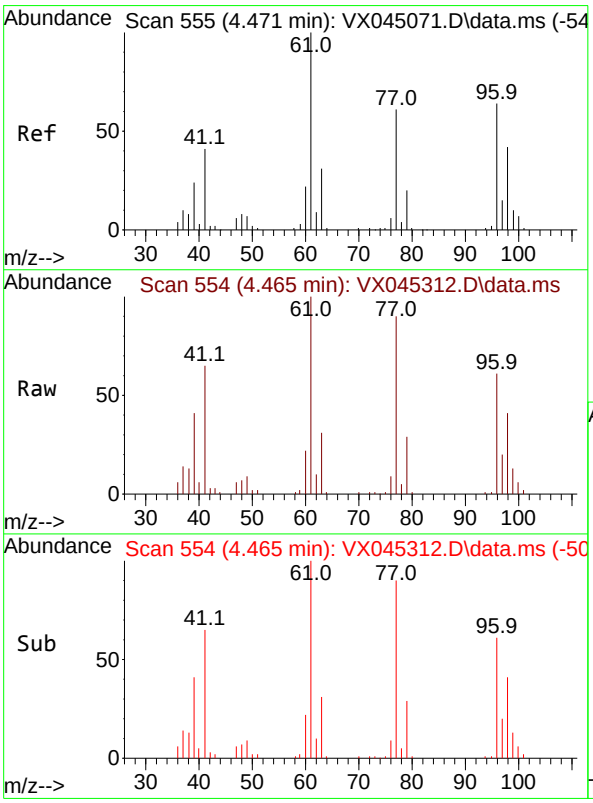
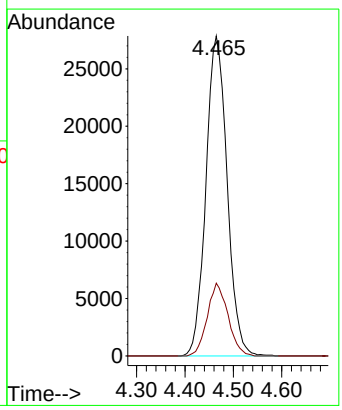
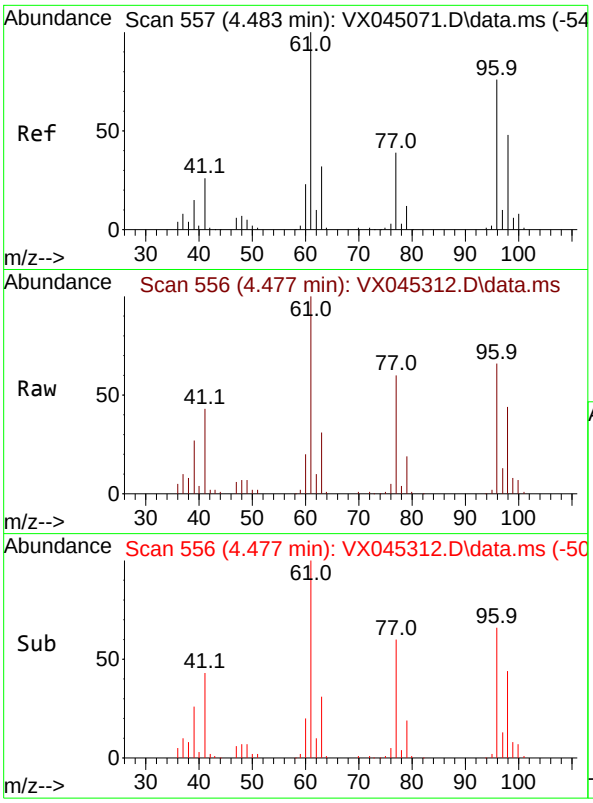


#26
2,2-Dichloropropane
Concen: 72.611 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 77 Resp: 84755

Ion	Ratio	Lower	Upper
77	100		
97	22.3	12.4	37.0

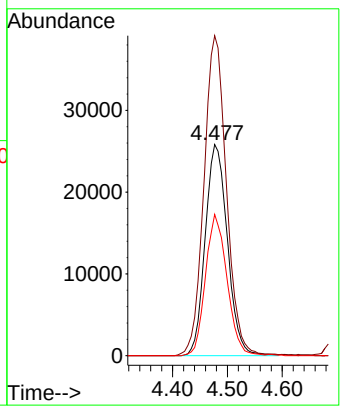




#27
cis-1,2-Dichloroethene
Concen: 48.625 ug/l
RT: 4.477 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 96 Resp: 7273

Ion	Ratio	Lower	Upper
96	100		
61	153.4	0.0	283.2
98	64.8	0.0	128.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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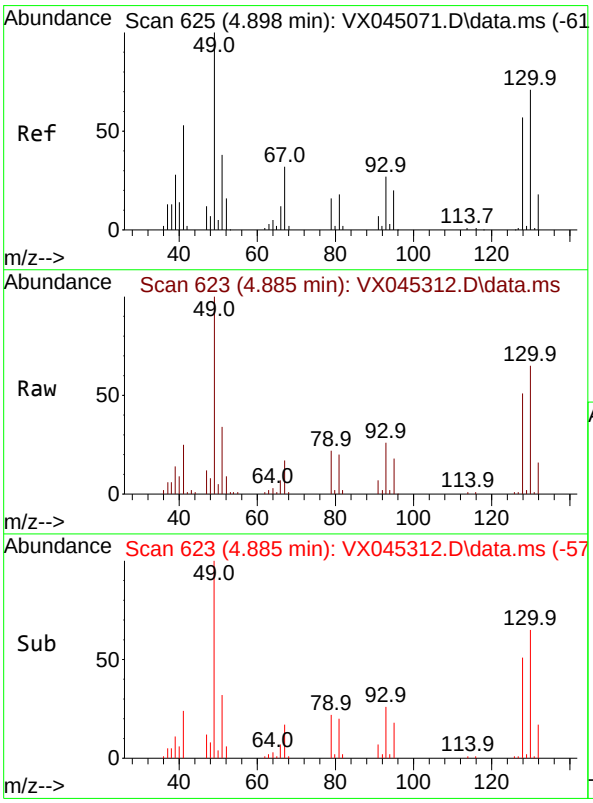
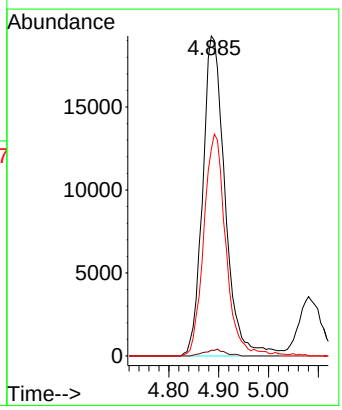
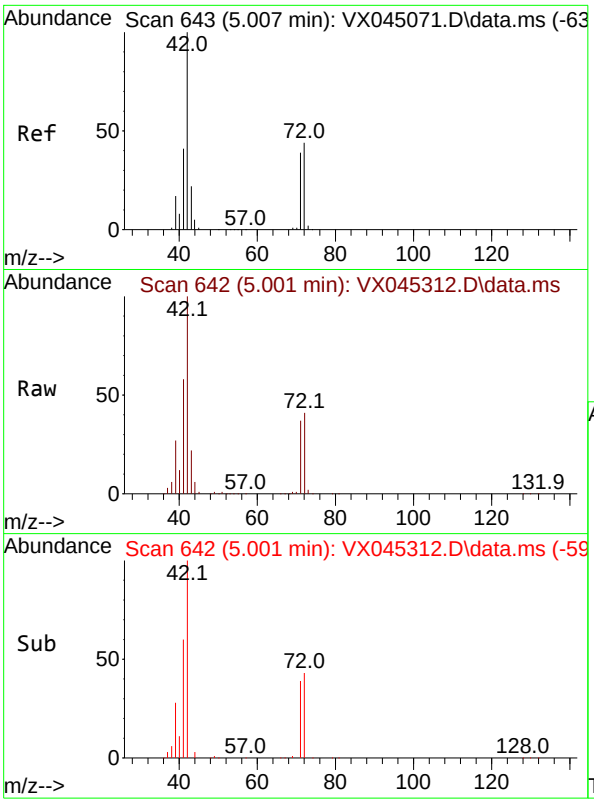


#28
Bromochloromethane
Concen: 50.547 ug/l
RT: 4.885 min Scan# 623
Delta R.T. -0.012 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 49 Resp: 59956

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.4
130	68.2	56.1	84.1





#29
Tetrahydrofuran
Concen: 227.936 ug/l
RT: 5.001 min Scan# 64
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 42 Resp: 16973

Ion	Ratio	Lower	Upper
42	100		
72	42.8	34.1	51.1
71	38.9	31.4	47.0

Instrument :
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ClientSampleId :
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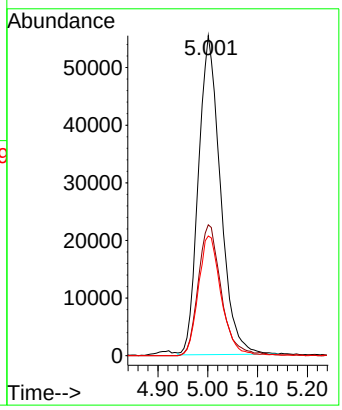
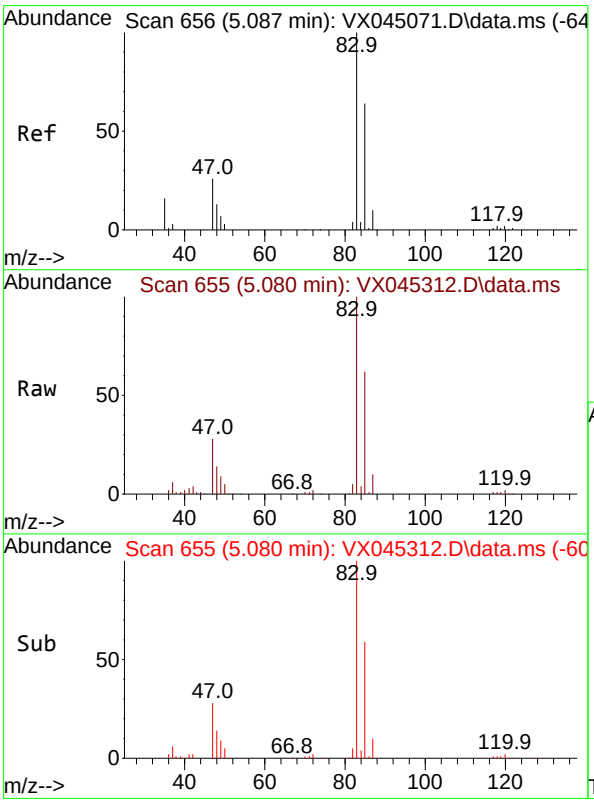
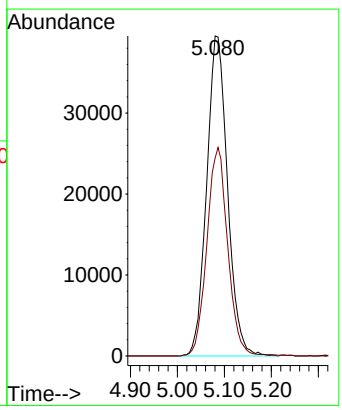


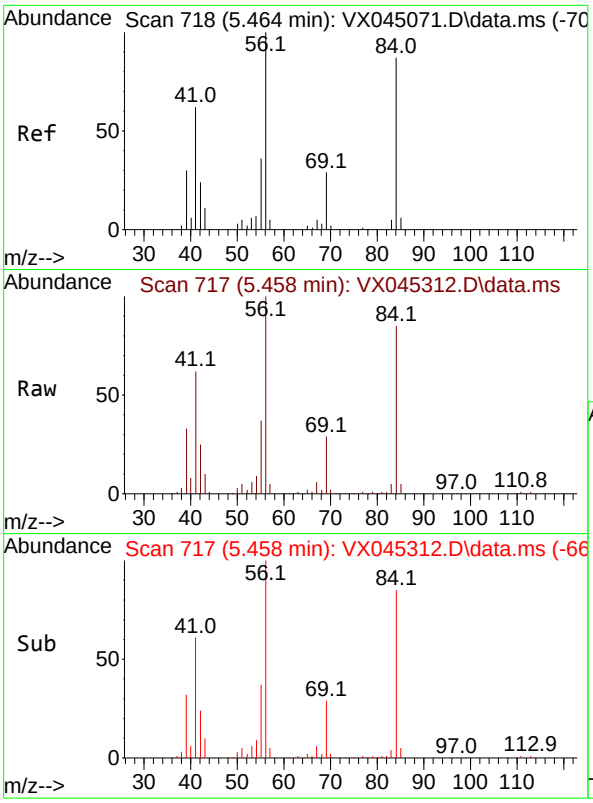


#30
Chloroform
Concen: 49.301 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 83 Resp: 121902

Ion	Ratio	Lower	Upper
83	100		
85	61.9	51.4	77.2





#31
Cyclohexane
Concen: 46.918 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 56 Resp: 10135

Ion	Ratio	Lower	Upper
56	100		
69	29.5	23.4	35.2
84	83.5	69.4	104.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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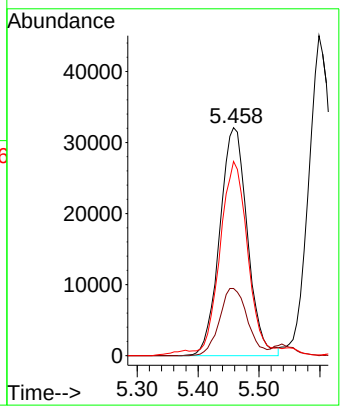
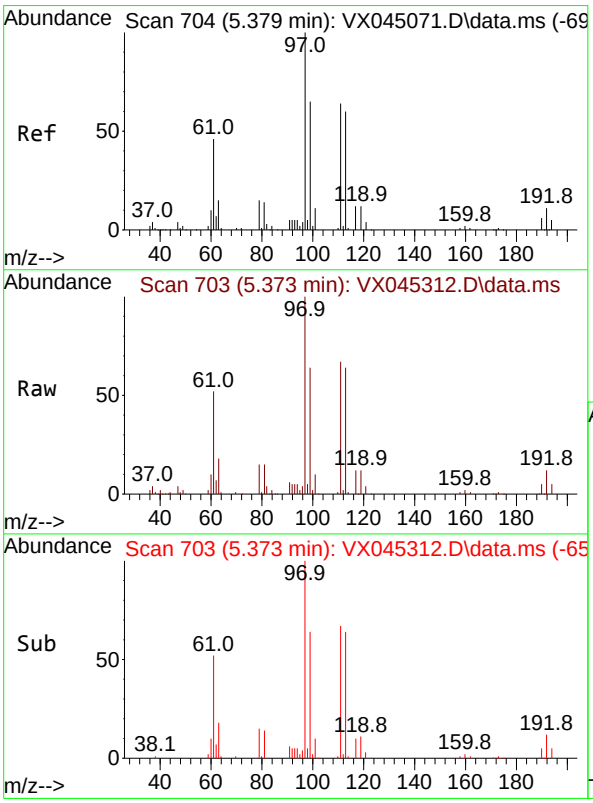
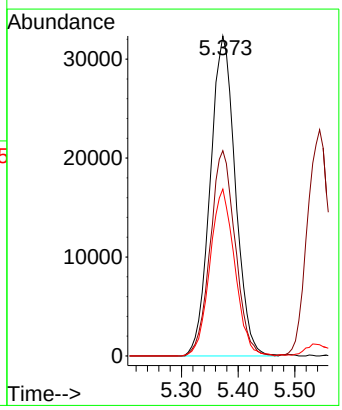


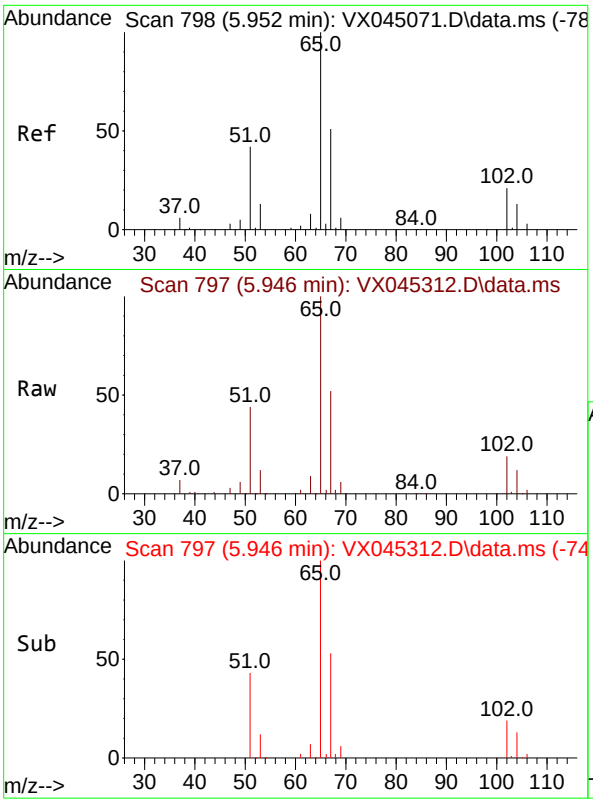


#32
1,1,1-Trichloroethane
Concen: 49.788 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 97 Resp: 99429

Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.6	77.4
61	51.7	38.4	57.6

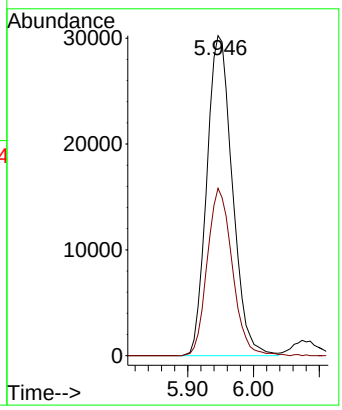




#33
1,2-Dichloroethane-d4
Concen: 51.509 ug/l
RT: 5.946 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 65 Resp: 8178

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	106.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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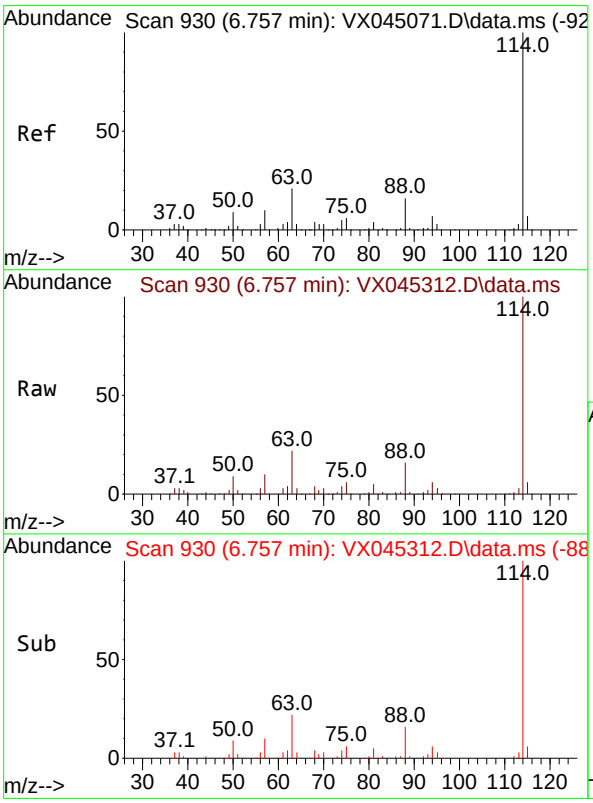
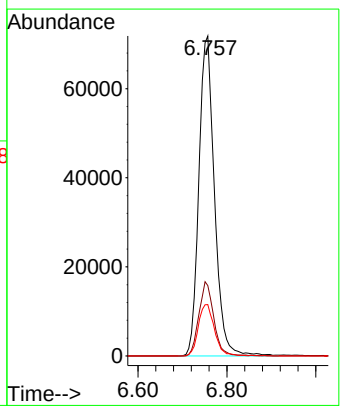
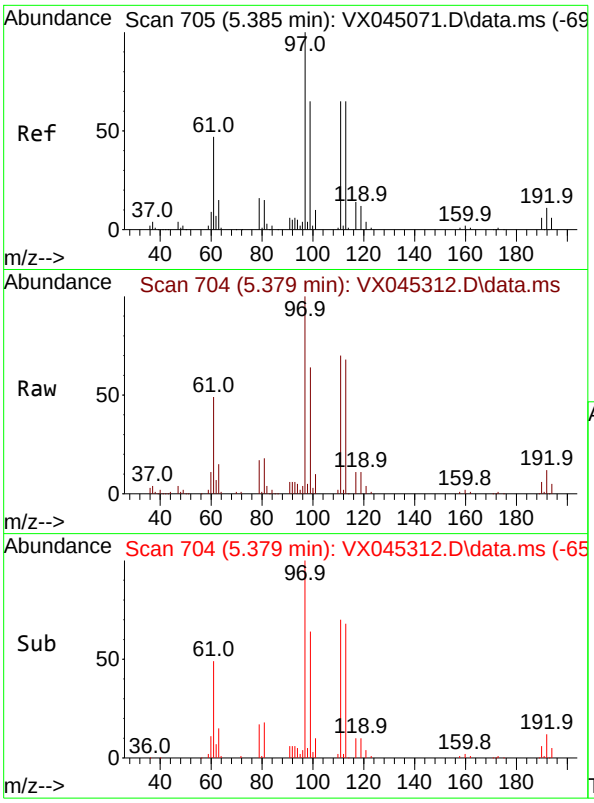


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion:114 Resp: 175808

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	41.8
88	16.1	0.0	32.8

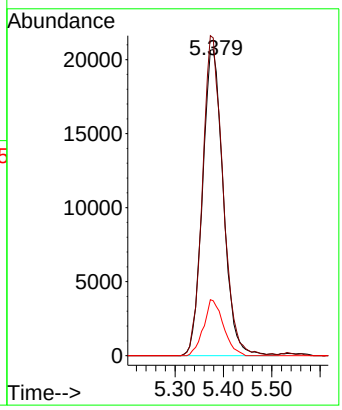




#35
Dibromofluoromethane
Concen: 52.456 ug/l
RT: 5.379 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion:113 Resp: 6166

Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.8	122.6
192	17.5	14.3	21.5



Instrument :
MSVOA_X
ClientSampleId :
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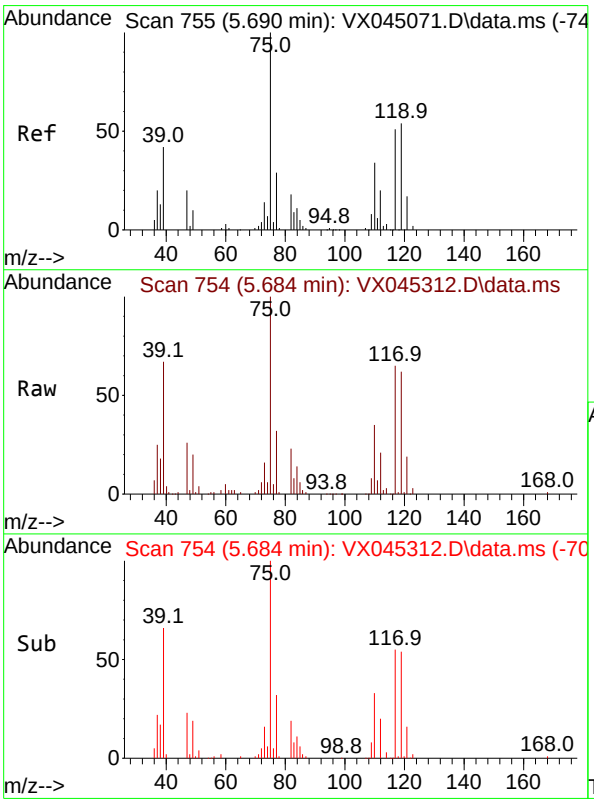
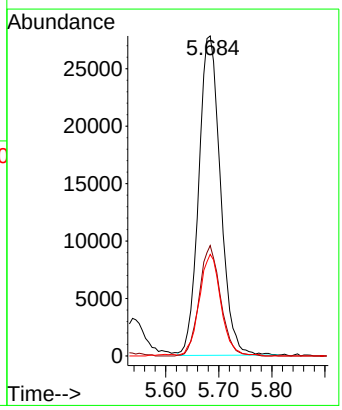
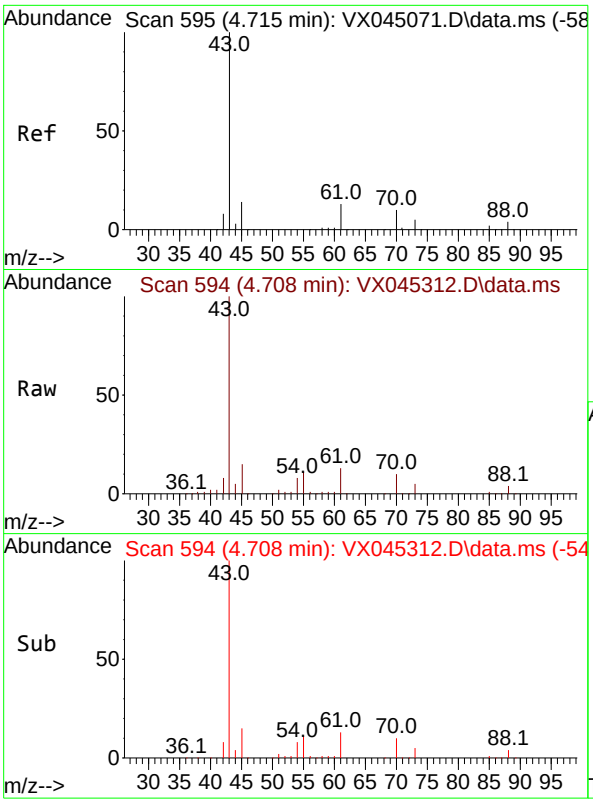


#36
1,1-Dichloropropene
Concen: 49.023 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 75 Resp: 79034

Ion	Ratio	Lower	Upper
75	100		
110	33.7	16.9	50.6
77	31.8	24.5	36.7

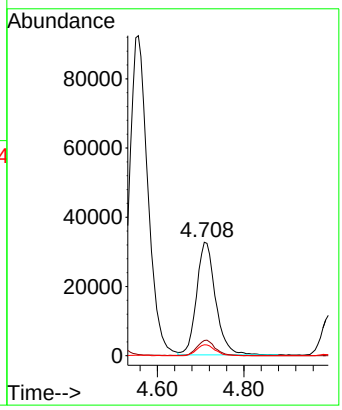




#37
Ethyl Acetate
Concen: 47.814 ug/l
RT: 4.708 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 43 Resp: 9933

Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.8	16.2
70	9.4	7.7	11.5



Instrument :
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ClientSampleId :
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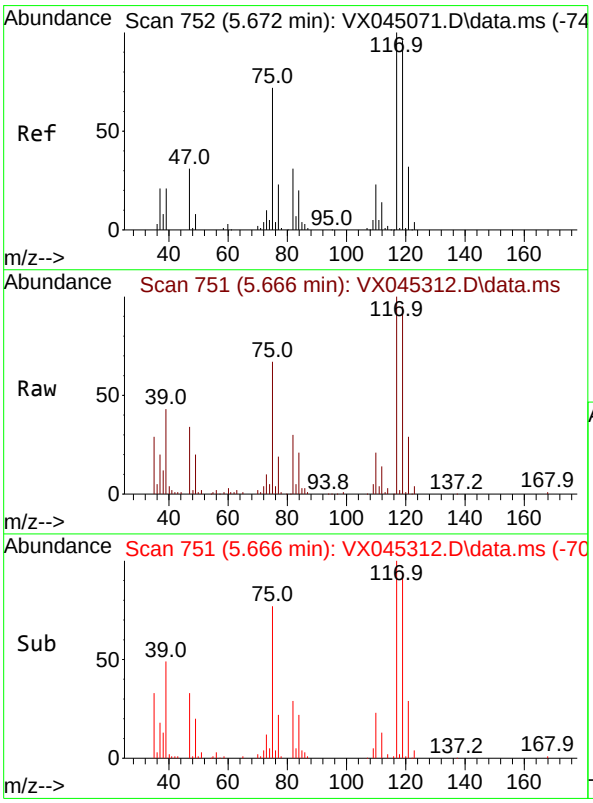
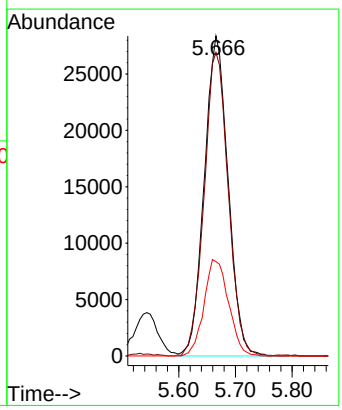
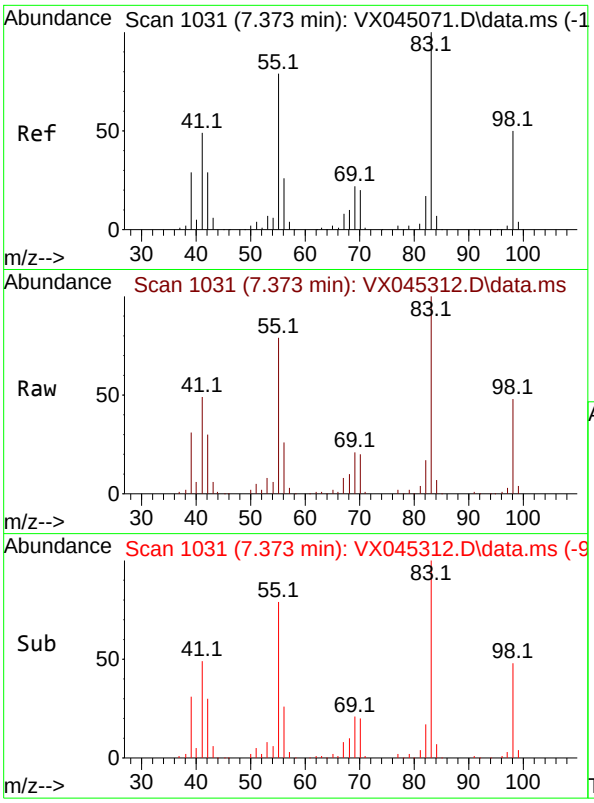


#38
Carbon Tetrachloride
Concen: 50.618 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion:117 Resp: 82850

Ion	Ratio	Lower	Upper
117	100		
119	94.6	76.7	115.1
121	29.5	25.5	38.3





#39
Methylcyclohexane
Concen: 51.720 ug/l
RT: 7.373 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 83 Resp: 9991

Ion	Ratio	Lower	Upper
83	100		
55	78.6	63.0	94.4
98	47.9	39.7	59.5

Instrument :
MSVOA_X
ClientSampleId :
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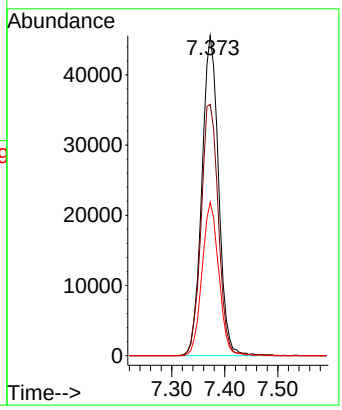
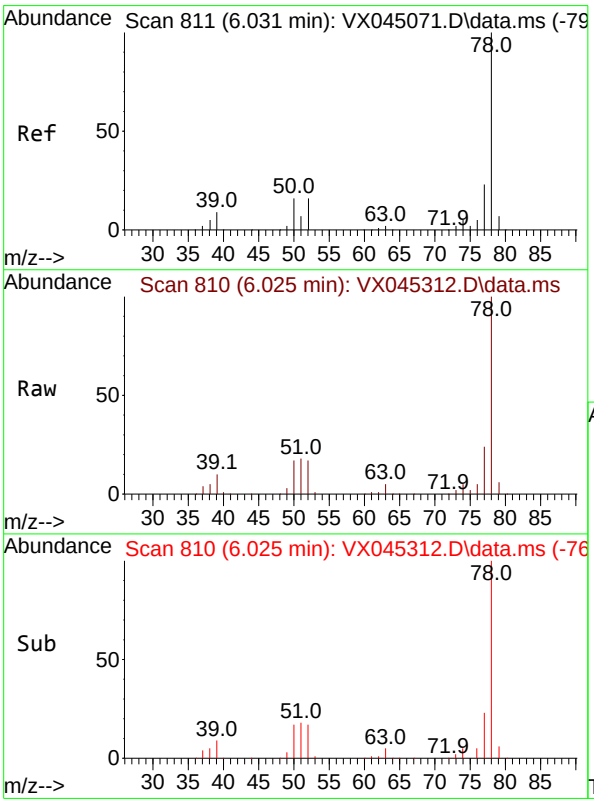
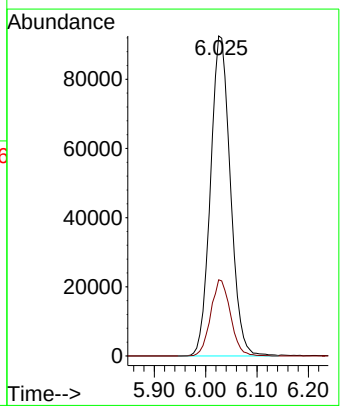


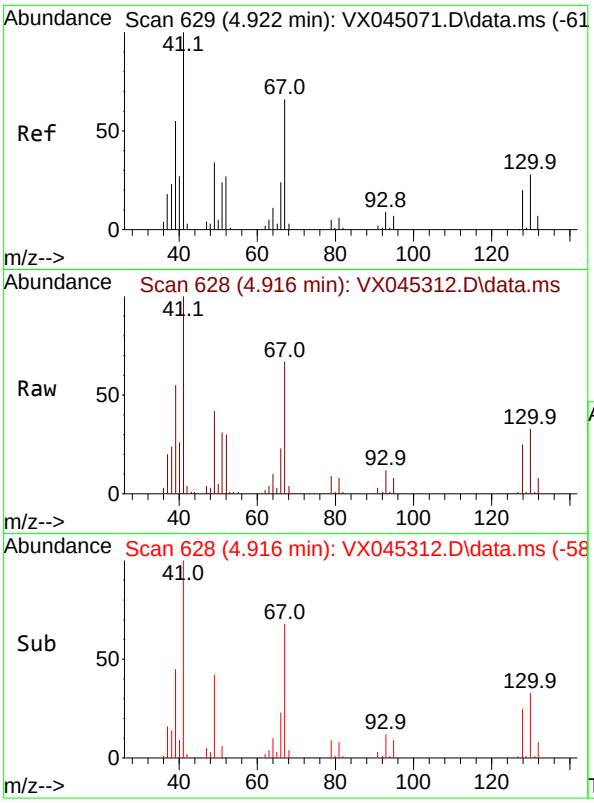


#40
Benzene
Concen: 48.805 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 78 Resp: 248464

Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.8	28.2

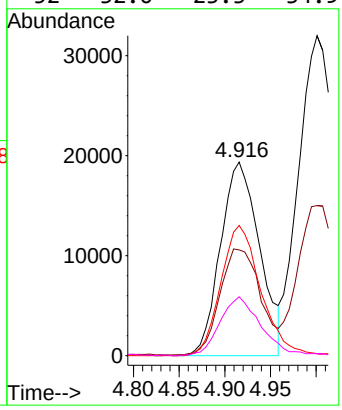




#41
Methacrylonitrile
Concen: 51.464 ug/l
RT: 4.916 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 41 Resp: 5780

Ion	Ratio	Lower	Upper
41	100		
39	57.0	44.6	67.0
67	68.9	53.9	80.9
52	32.0	23.3	34.9



Instrument :
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ClientSampleId :
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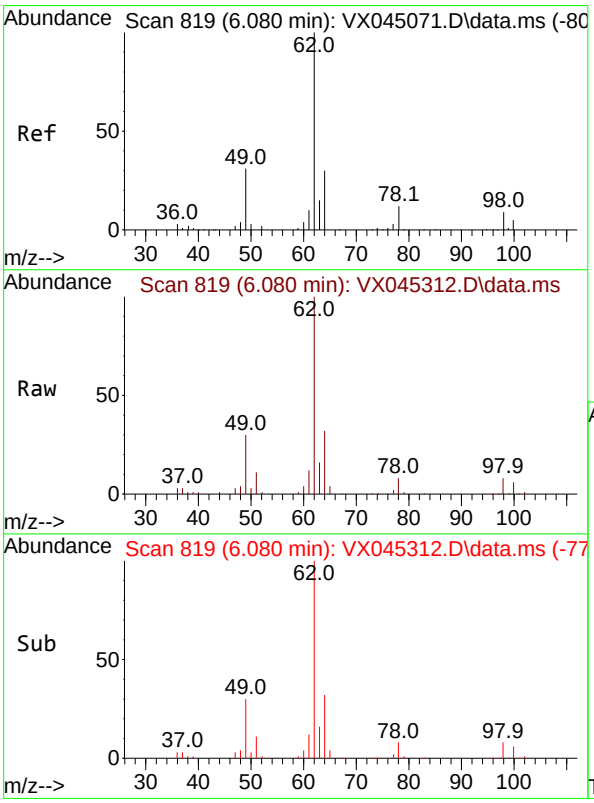
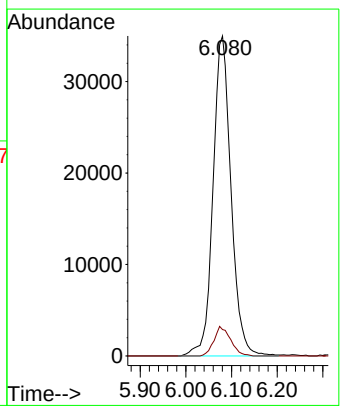
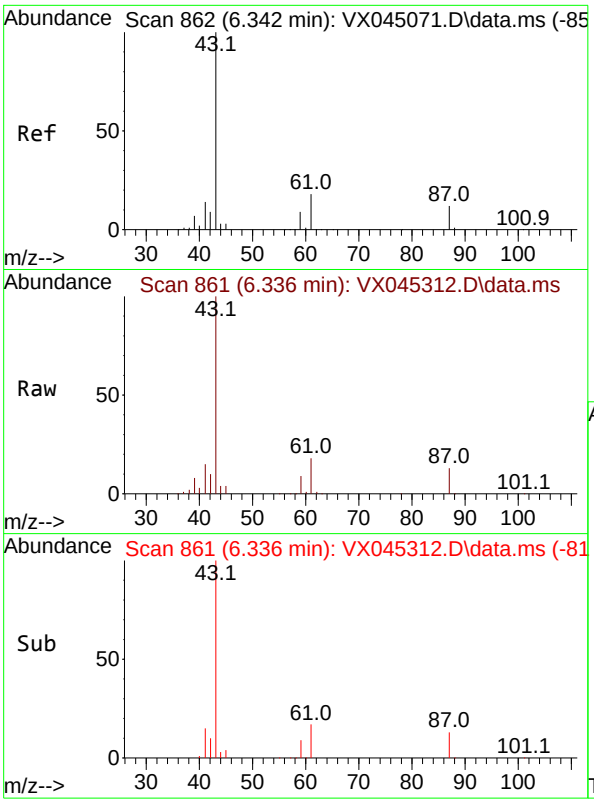


#42
1,2-Dichloroethane
Concen: 52.239 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 62 Resp: 95767

Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	18.2

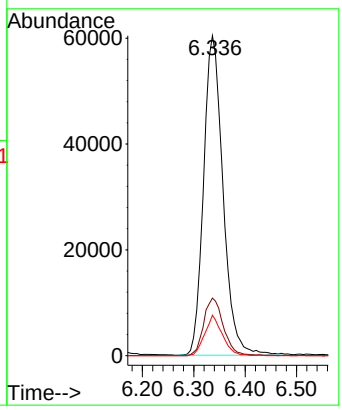




#43
Isopropyl Acetate
Concen: 51.656 ug/l
RT: 6.336 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 43 Resp: 15868

Ion	Ratio	Lower	Upper
43	100		
61	18.3	14.9	22.3
87	11.5	9.4	14.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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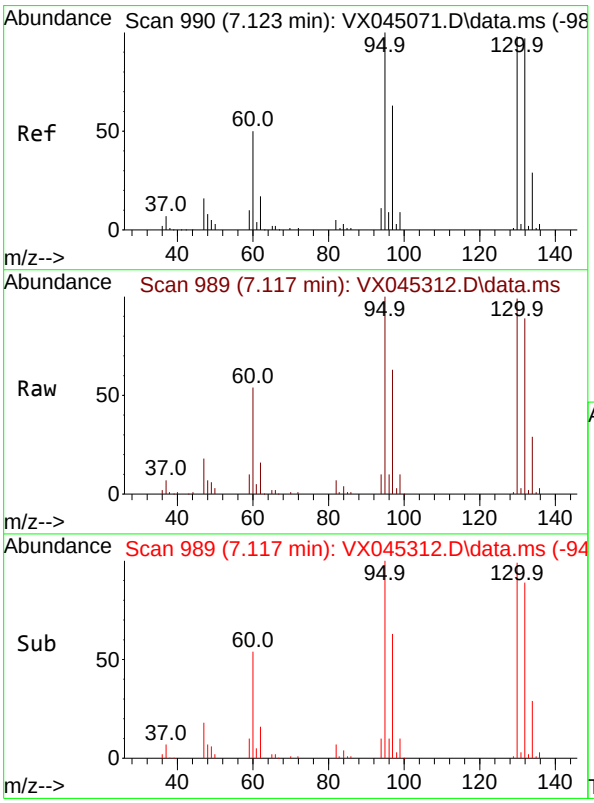
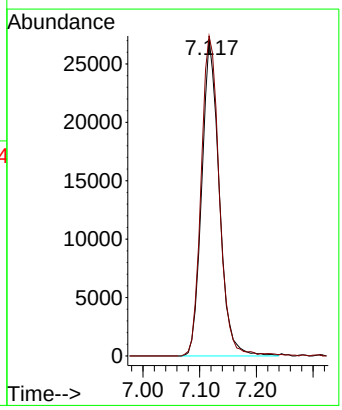
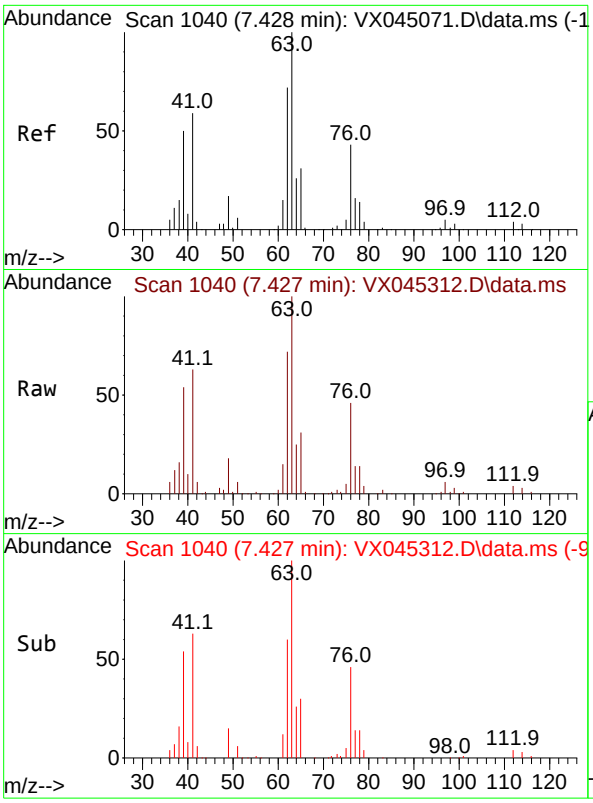


#44
Trichloroethene
Concen: 48.376 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion:130 Resp: 57829

Ion	Ratio	Lower	Upper
130	100		
95	101.0	0.0	205.0

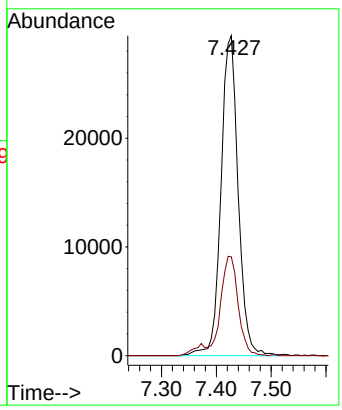




#45
1,2-Dichloropropane
Concen: 49.071 ug/l
RT: 7.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 63 Resp: 6423

Ion	Ratio	Lower	Upper
63	100		
65	30.9	24.7	37.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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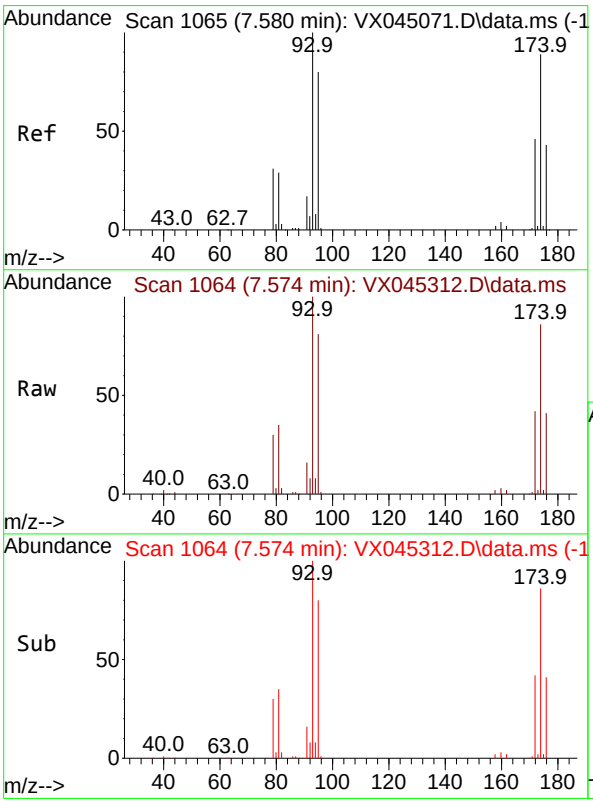
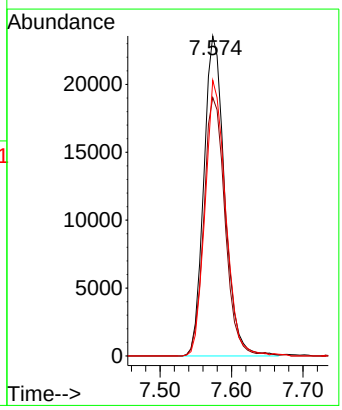
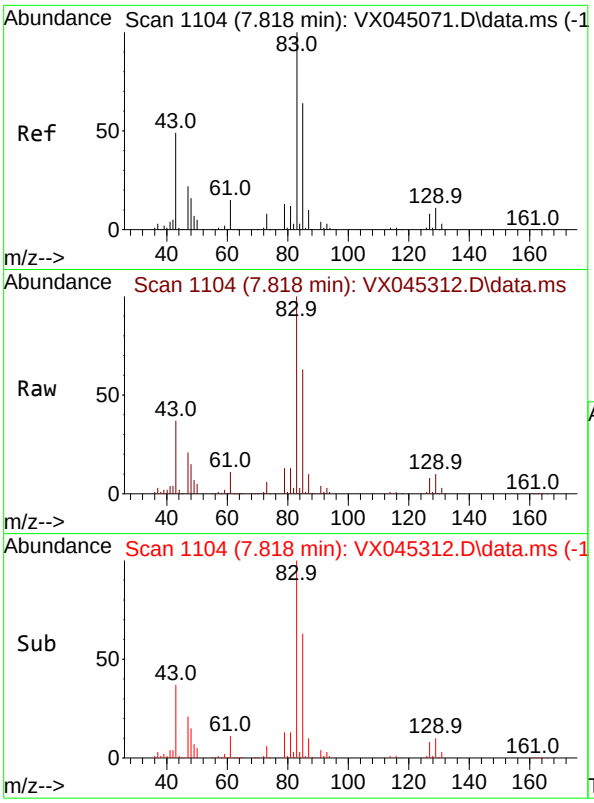


#46
Dibromomethane
Concen: 51.526 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 93 Resp: 47670

Ion	Ratio	Lower	Upper
93	100		
95	82.5	65.8	98.8
174	85.2	72.2	108.2

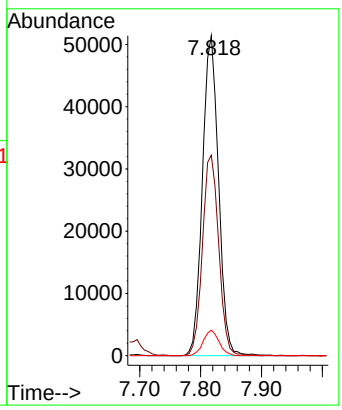




#47
Bromodichloromethane
Concen: 52.012 ug/l
RT: 7.818 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 83 Resp: 9438

Ion	Ratio	Lower	Upper
83	100		
85	62.6	51.1	76.7
127	8.0	6.4	9.6



Instrument :
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ClientSampleId :
VSTDCCC050

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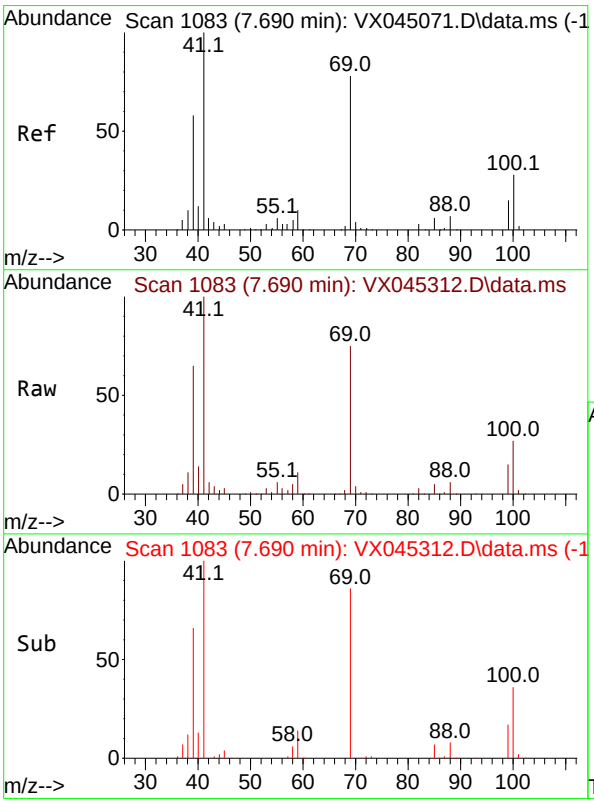
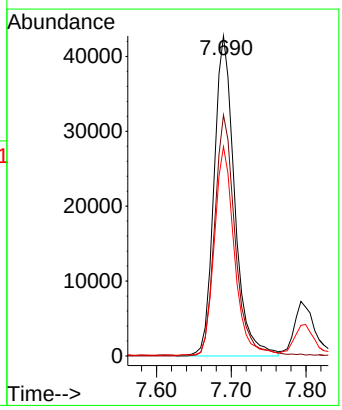
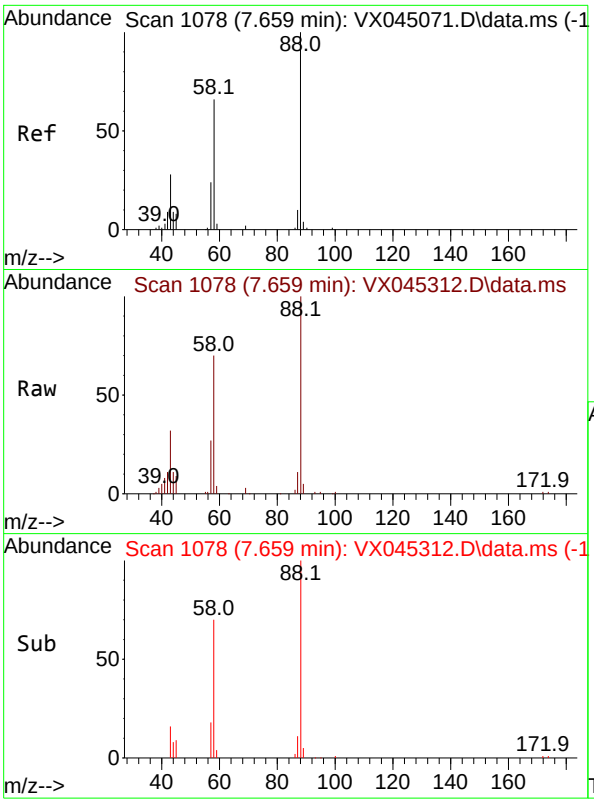


#48
Methyl methacrylate
Concen: 53.109 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 41 Resp: 81849

Ion	Ratio	Lower	Upper
41	100		
69	75.3	63.0	94.6
39	63.4	47.5	71.3

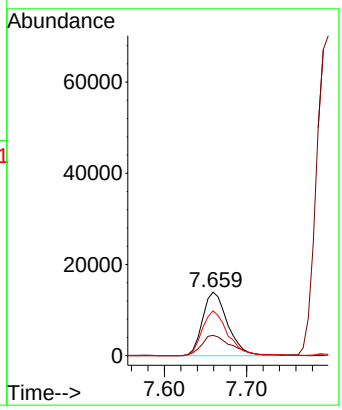




#49
1,4-Dioxane
Concen: 907.231 ug/l
RT: 7.659 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 88 Resp: 2949

Ion	Ratio	Lower	Upper
88	100		
43	39.1	28.7	43.1
58	72.7	55.8	83.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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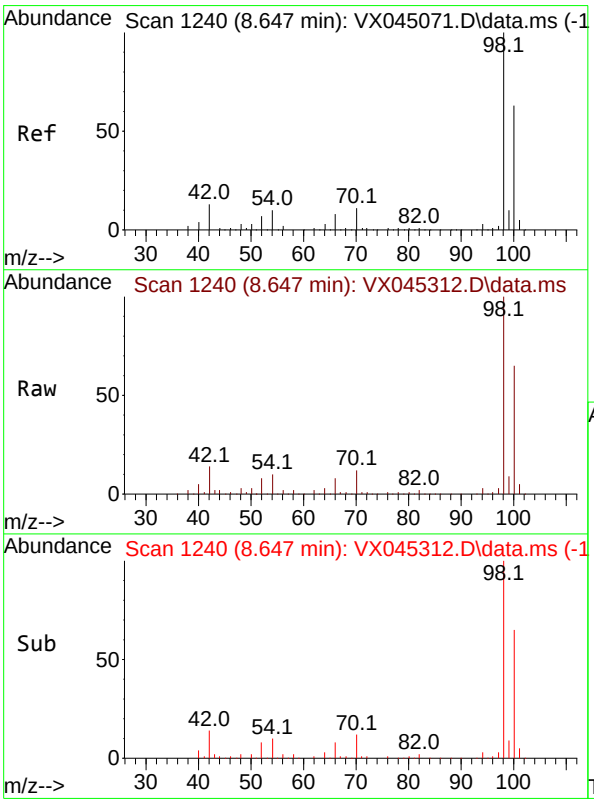
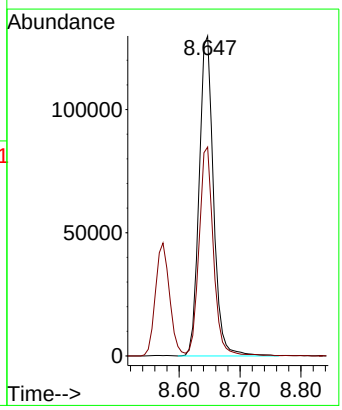
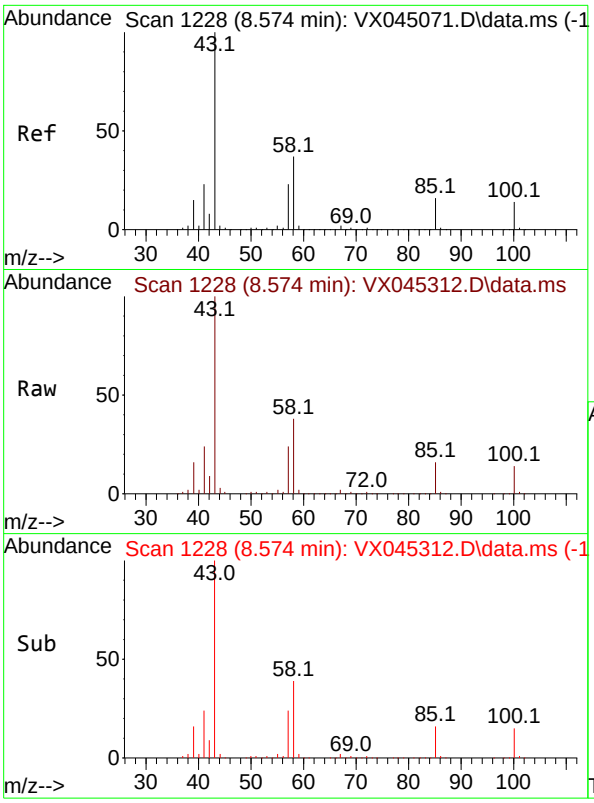


#50
Toluene-d8
Concen: 49.996 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 98 Resp: 213078

Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.0	78.0

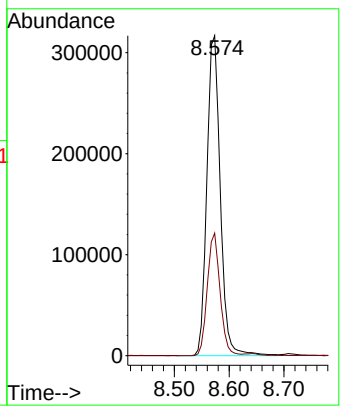




#51
4-Methyl-2-Pentanone
Concen: 259.644 ug/l
RT: 8.574 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 43 Resp: 53554

Ion	Ratio	Lower	Upper
43	100		
58	36.6	29.2	43.8



Instrument :
MSVOA_X
ClientSampleId :
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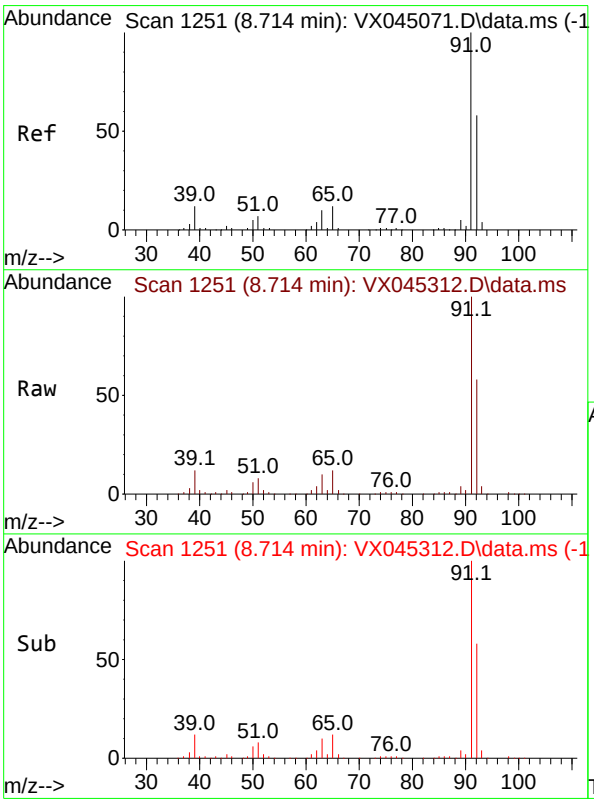
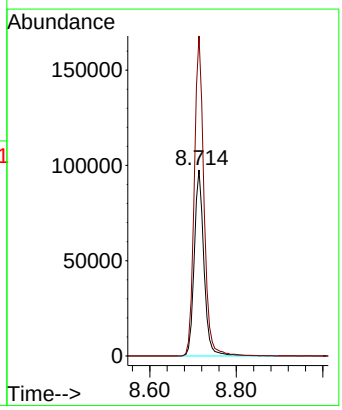
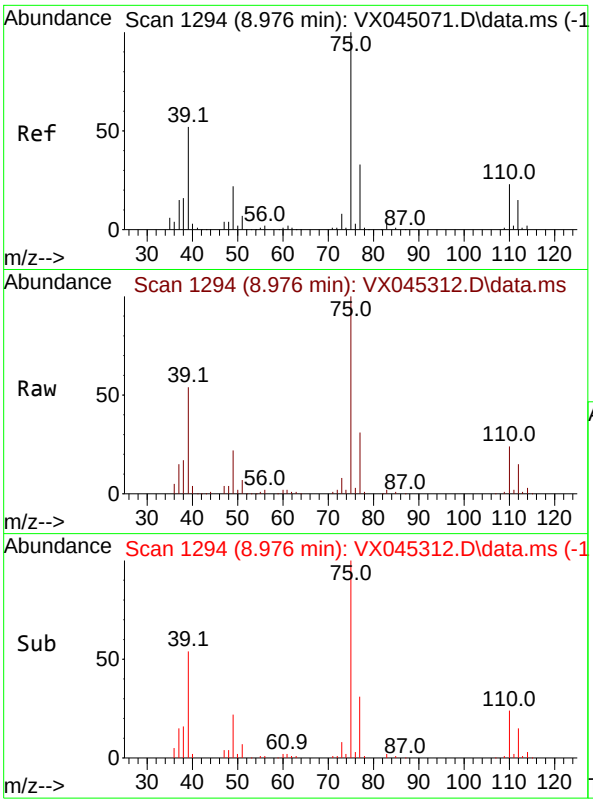


#52
Toluene
Concen: 50.515 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 92 Resp: 150886

Ion	Ratio	Lower	Upper
92	100		
91	172.7	138.9	208.3

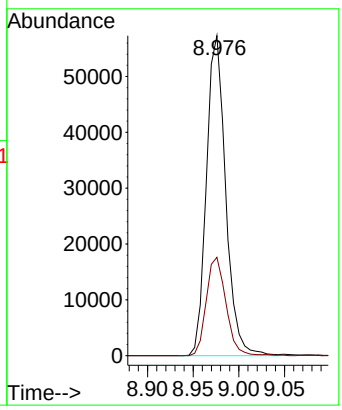




#53
t-1,3-Dichloropropene
Concen: 55.465 ug/l
RT: 8.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 75 Resp: 8414

Ion	Ratio	Lower	Upper
75	100		
77	30.8	26.5	39.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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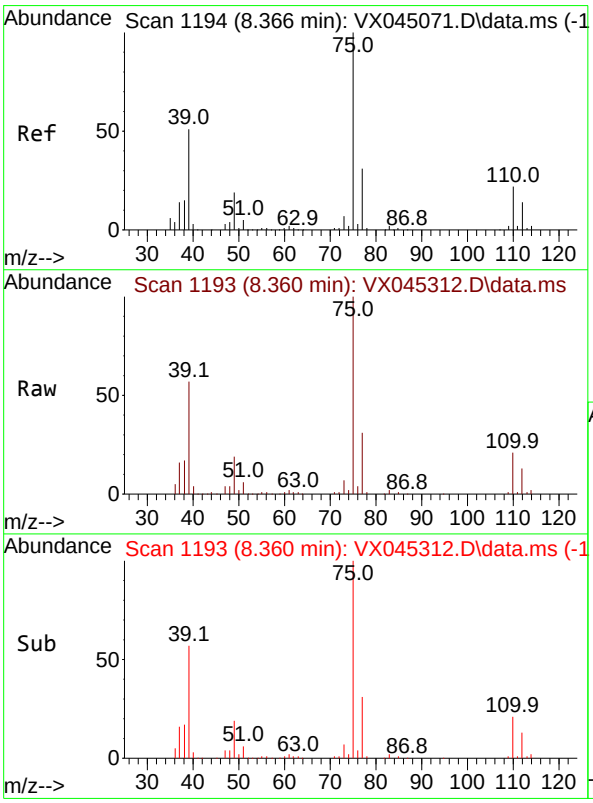
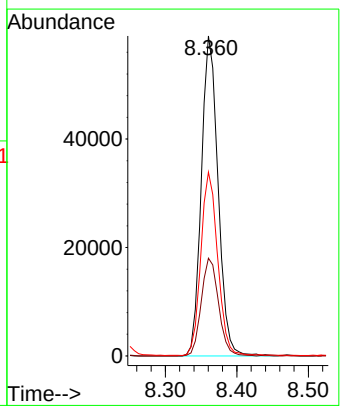
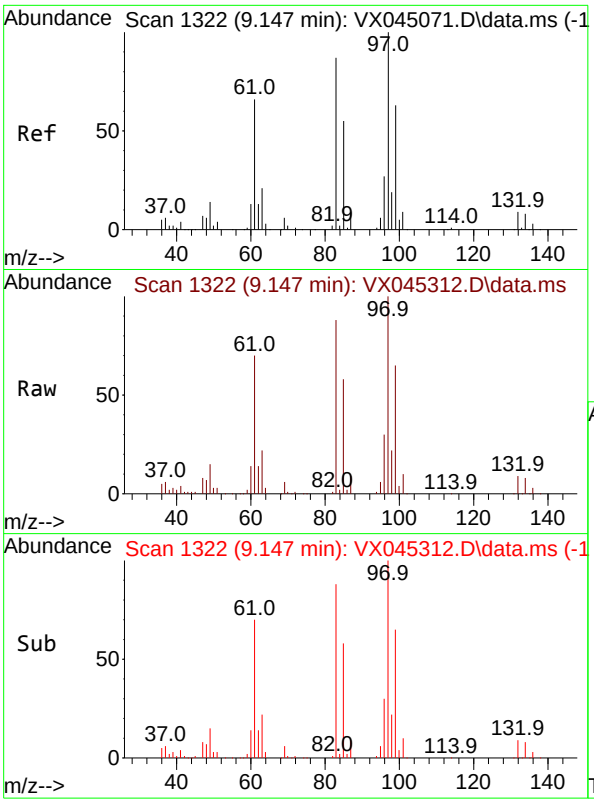


#54
cis-1,3-Dichloropropene
Concen: 54.190 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 75 Resp: 95867

Ion	Ratio	Lower	Upper
75	100		
77	30.5	24.7	37.1
39	57.3	40.7	61.1

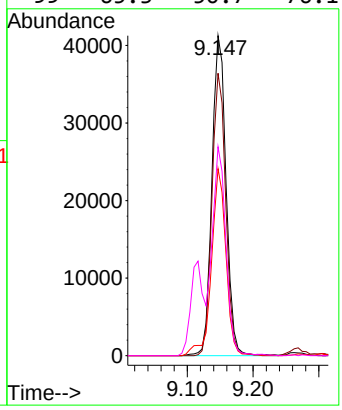




#55
1,1,2-Trichloroethane
Concen: 50.360 ug/l
RT: 9.147 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 97 Resp: 6192

Ion	Ratio	Lower	Upper
97	100		
83	88.3	69.4	104.2
85	58.5	44.1	66.1
99	65.3	50.7	76.1



Instrument :
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ClientSampleId :
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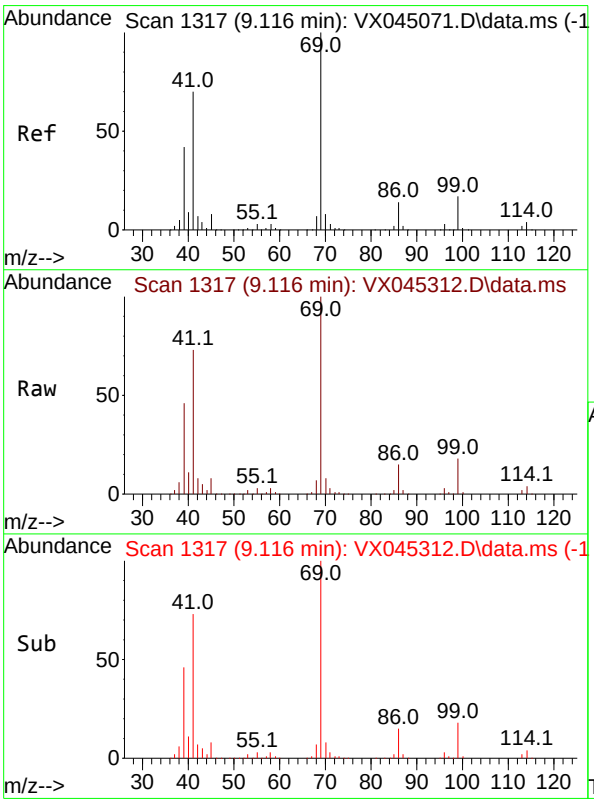
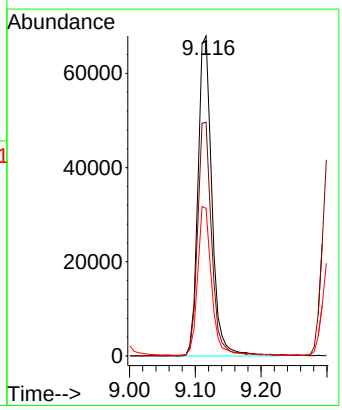
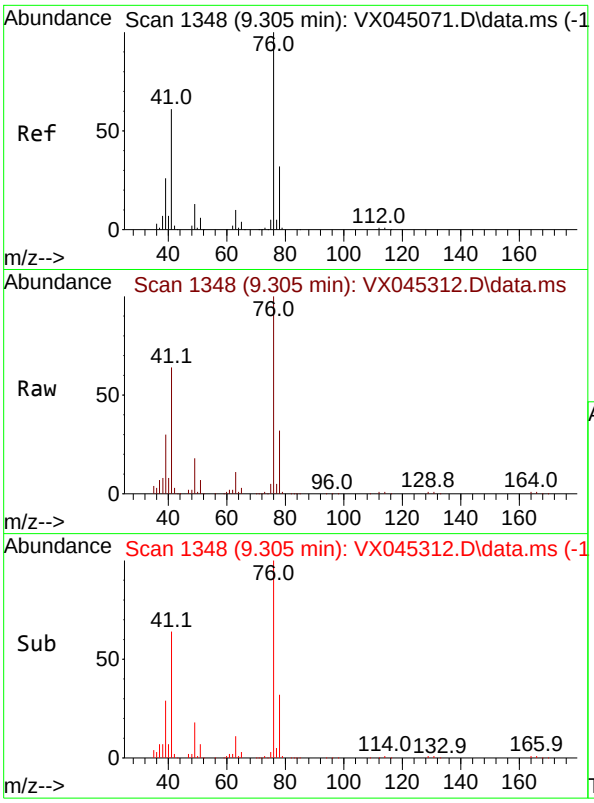


#56
Ethyl methacrylate
Concen: 53.664 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 69 Resp: 100306

Ion	Ratio	Lower	Upper
69	100		
41	74.1	57.0	85.4
39	46.7	34.2	51.4

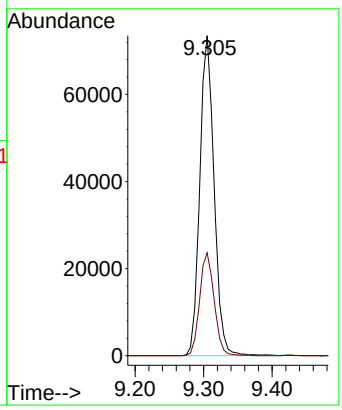




#57
1,3-Dichloropropane
Concen: 50.198 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 76 Resp: 10682

Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.5	38.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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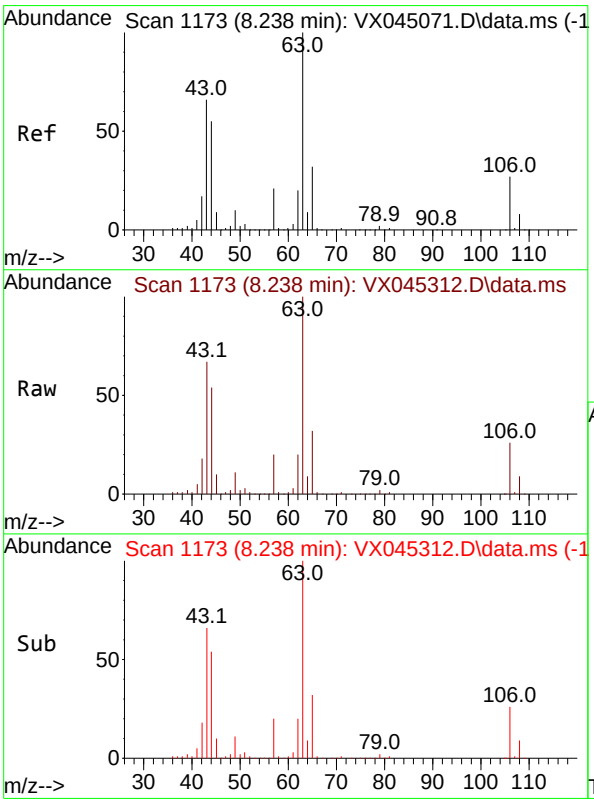
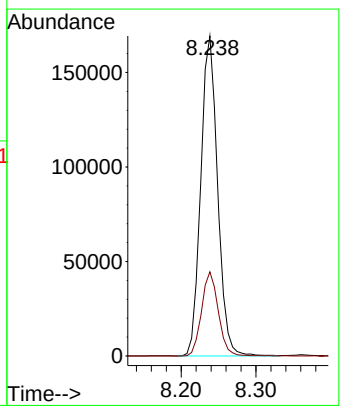
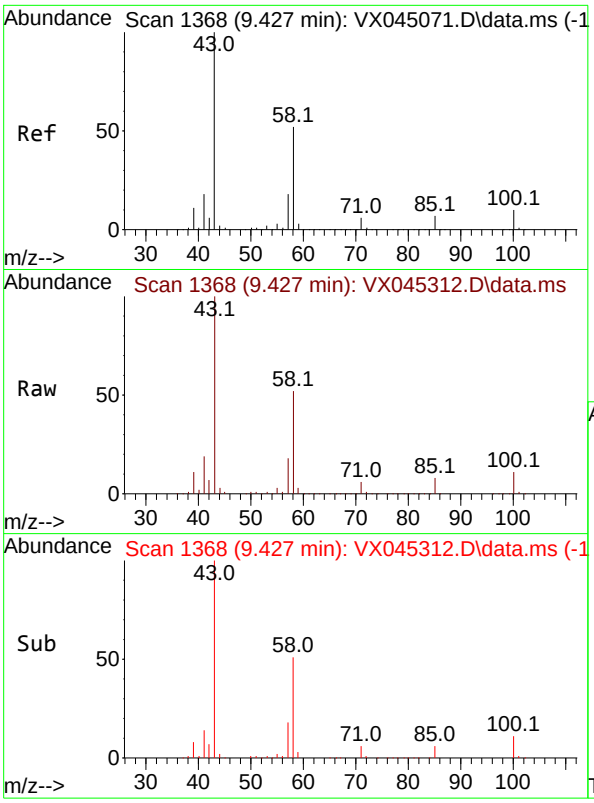


#58
2-Chloroethyl Vinyl ether
Concen: 290.649 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 63 Resp: 265011

Ion	Ratio	Lower	Upper
63	100		
106	26.0	21.5	32.3

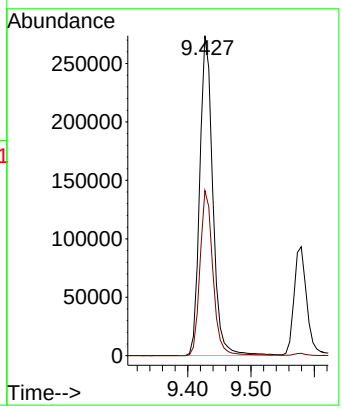




#59
2-Hexanone
Concen: 263.820 ug/l
RT: 9.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 43 Resp: 39426

Ion	Ratio	Lower	Upper
43	100		
58	51.3	25.9	77.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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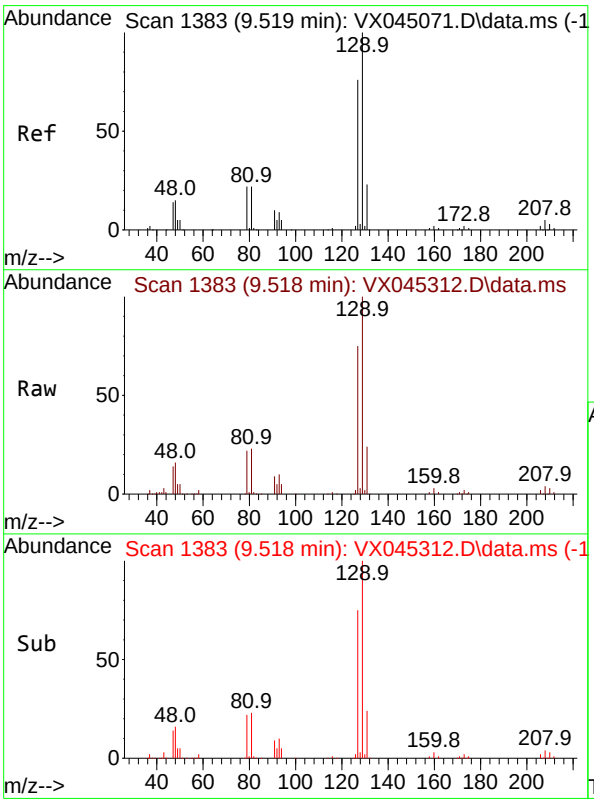
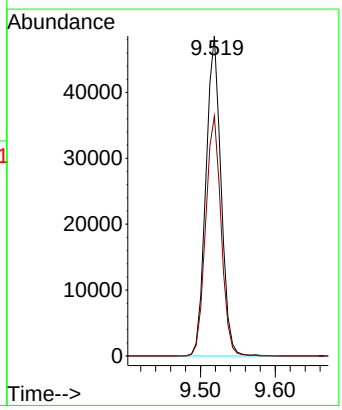
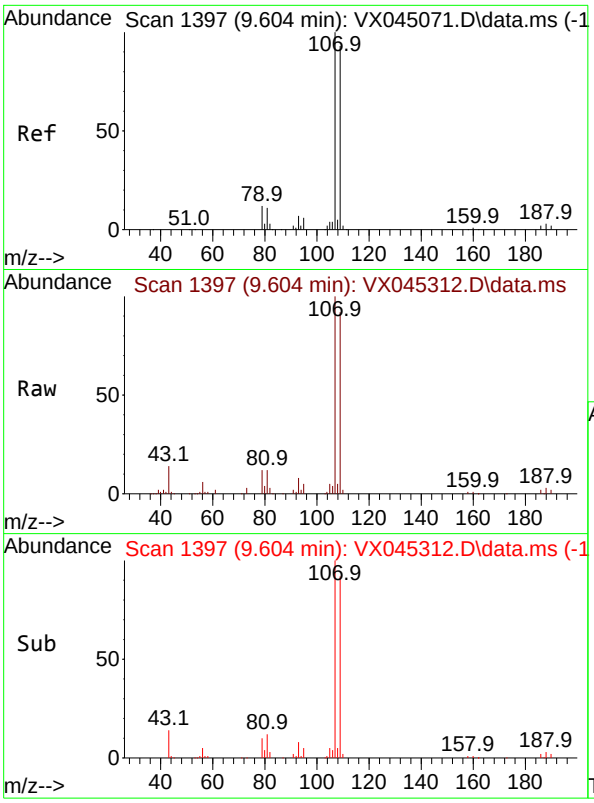


#60
Dibromochloromethane
Concen: 53.043 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion:129 Resp: 68198

Ion	Ratio	Lower	Upper
129	100		
127	76.5	38.5	115.5

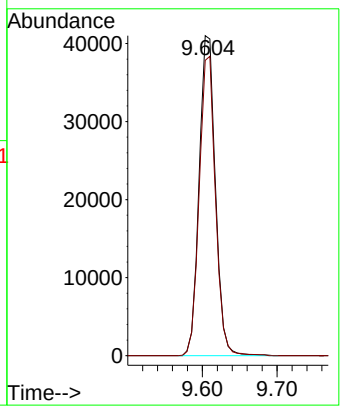




#61
1,2-Dibromoethane
Concen: 50.415 ug/l
RT: 9.604 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion:107 Resp: 6188

Ion	Ratio	Lower	Upper
107	100		
109	93.5	76.1	114.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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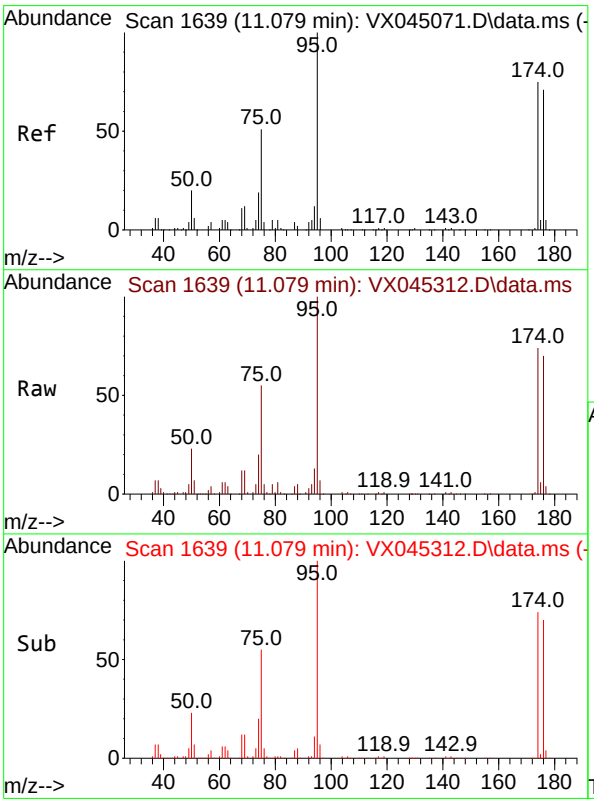
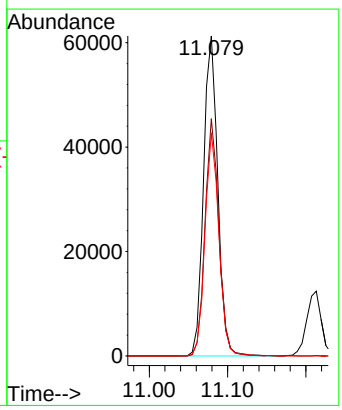
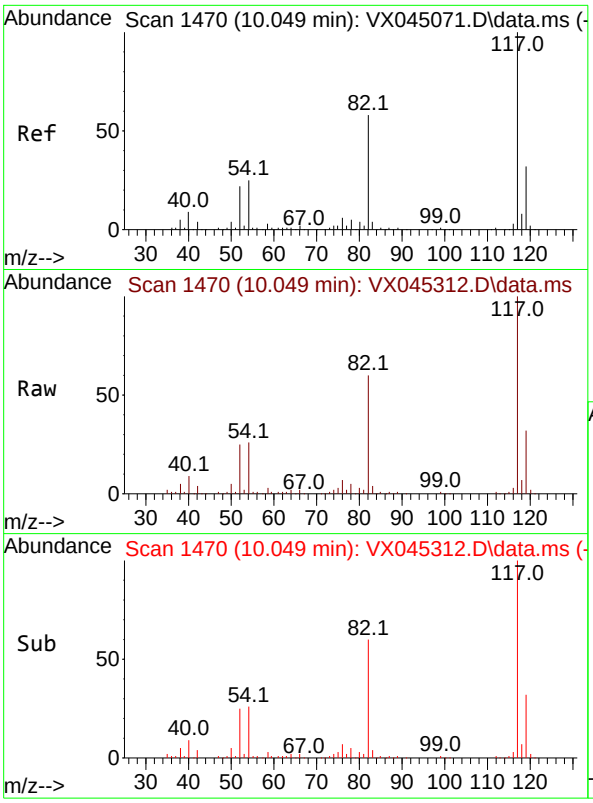


#62
4-Bromofluorobenzene
Concen: 54.557 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 95 Resp: 77049

Ion	Ratio	Lower	Upper
95	100		
174	72.3	0.0	148.2
176	68.3	0.0	141.4

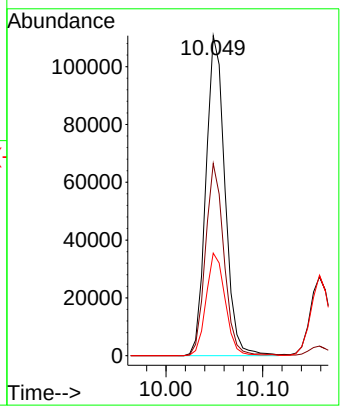




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion:117 Resp: 15137

Ion	Ratio	Lower	Upper
117	100		
82	60.0	46.3	69.5
119	32.0	25.7	38.5



Instrument :
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ClientSampleId :
VSTDCCC050

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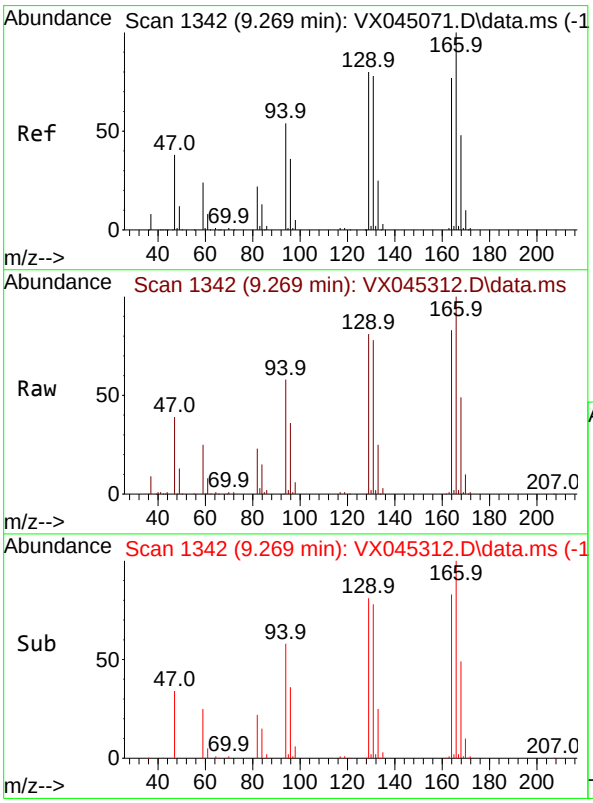
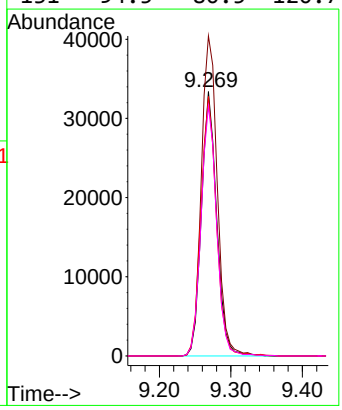
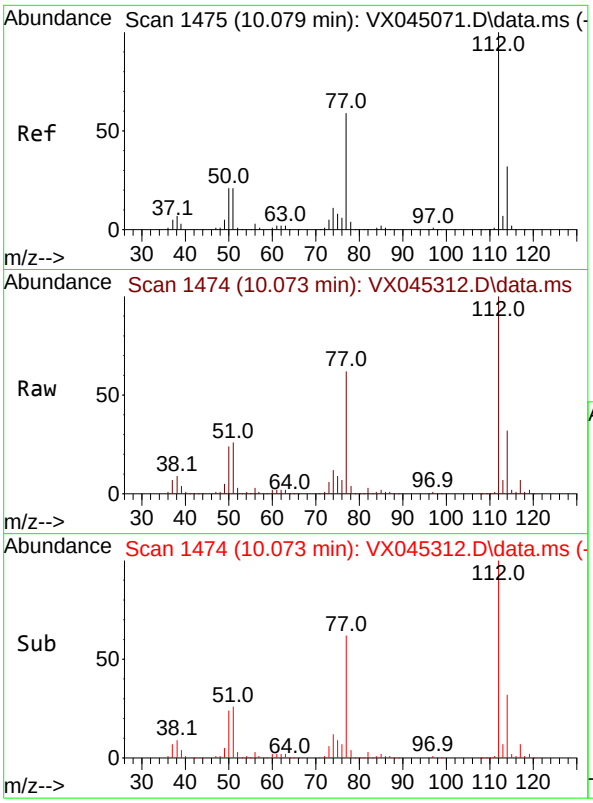


#64
Tetrachloroethene
Concen: 51.098 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion:164 Resp: 49539

Ion	Ratio	Lower	Upper
164	100		
166	121.1	103.6	155.4
129	98.2	82.7	124.1
131	94.5	80.5	120.7

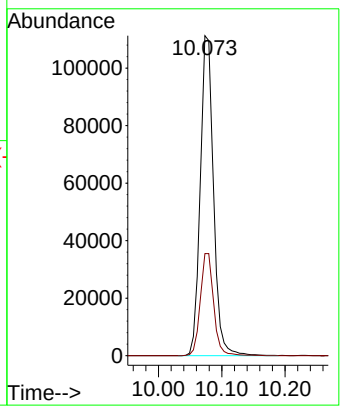




#65
Chlorobenzene
Concen: 50.822 ug/l
RT: 10.073 min Scan# 14
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion:112 Resp: 16278

Ion	Ratio	Lower	Upper
112	100		
114	31.9	26.0	39.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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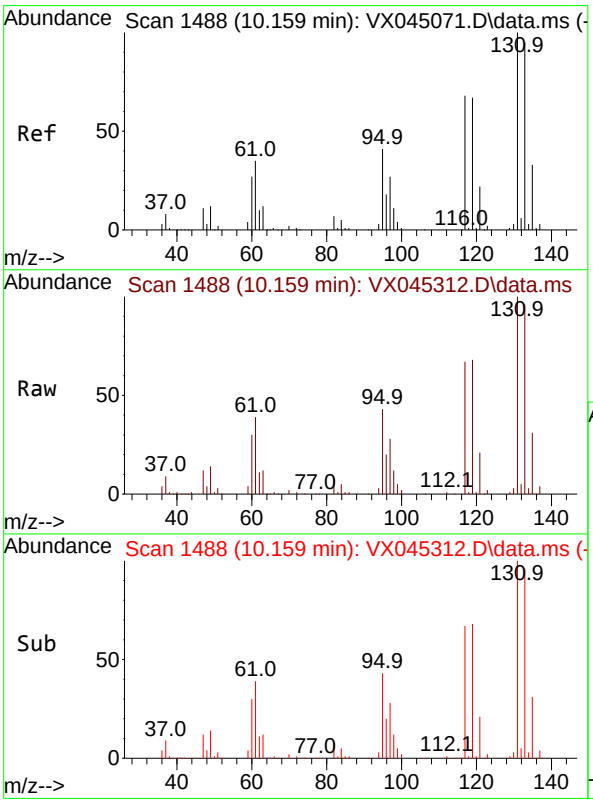
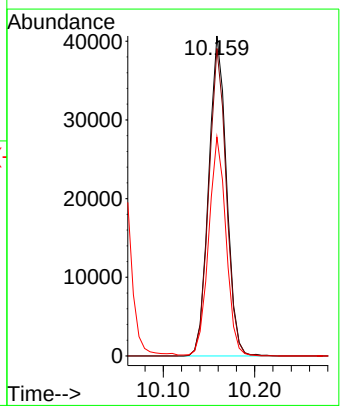
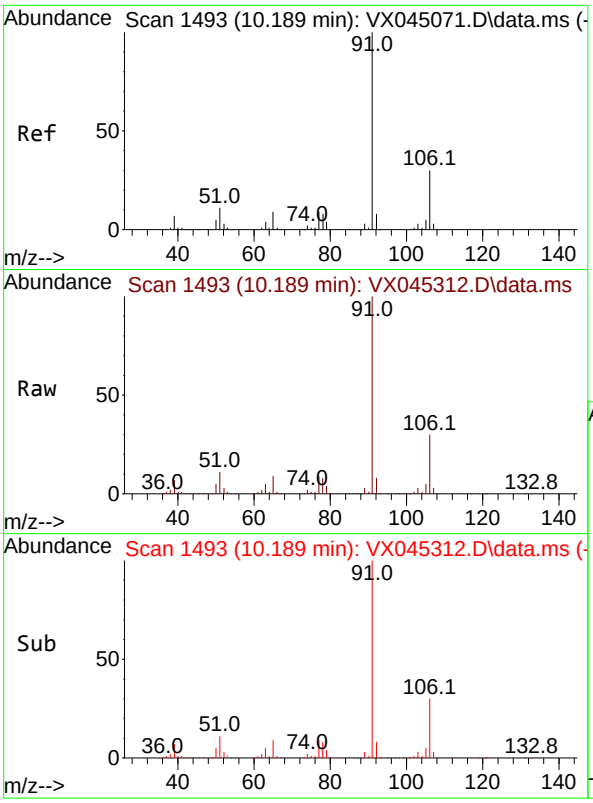


#66
1,1,1,2-Tetrachloroethane
Concen: 51.552 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion:131 Resp: 54990

Ion	Ratio	Lower	Upper
131	100		
133	94.6	48.6	145.9
119	66.7	33.9	101.7

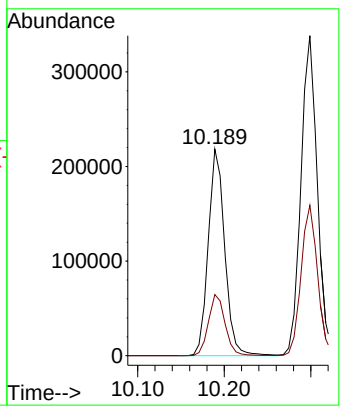




#67
Ethyl Benzene
Concen: 51.743 ug/l
RT: 10.189 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 91 Resp: 28878

Ion	Ratio	Lower	Upper
91	100		
106	29.6	23.9	35.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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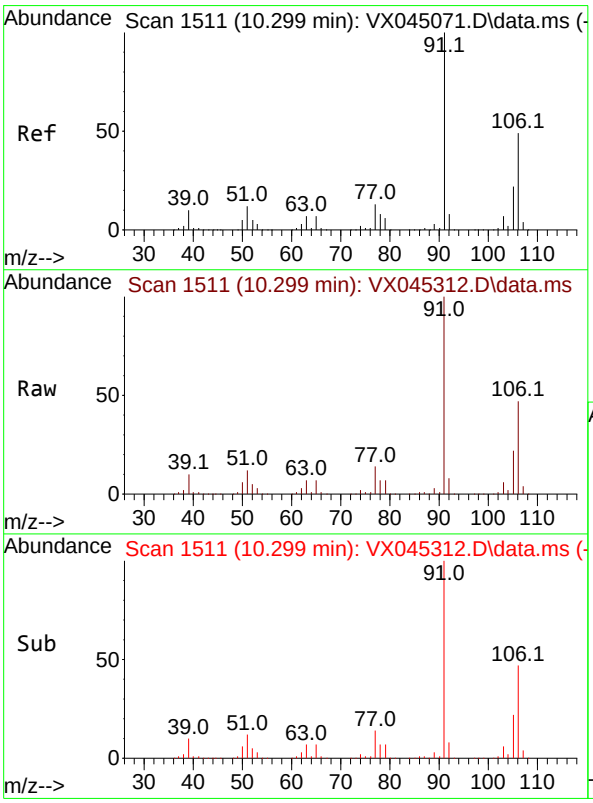
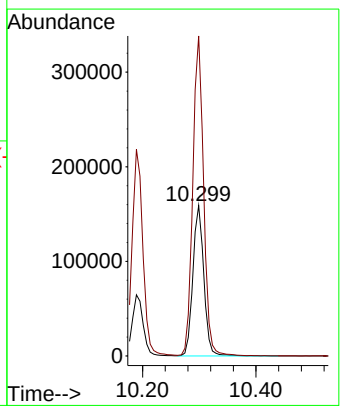
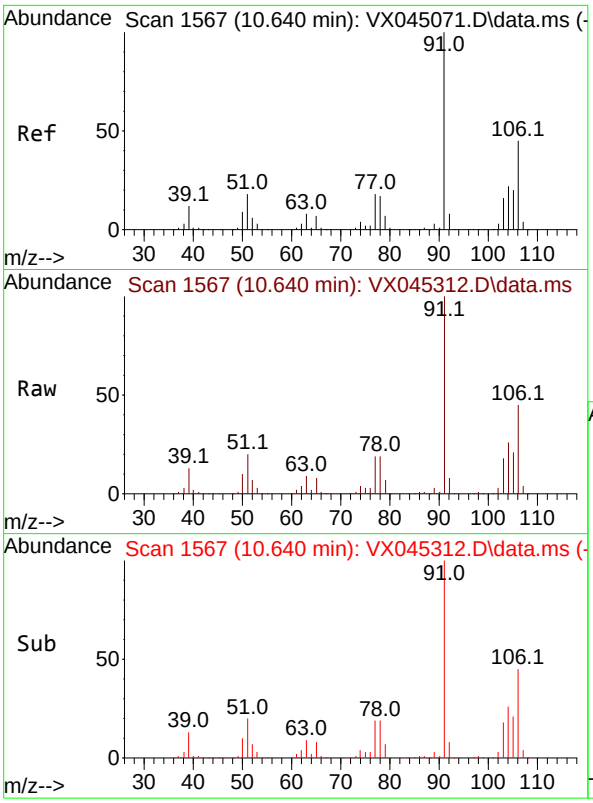


#68
m/p-Xylenes
Concen: 104.167 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion:106 Resp: 212826

Ion	Ratio	Lower	Upper
106	100		
91	210.5	165.4	248.0

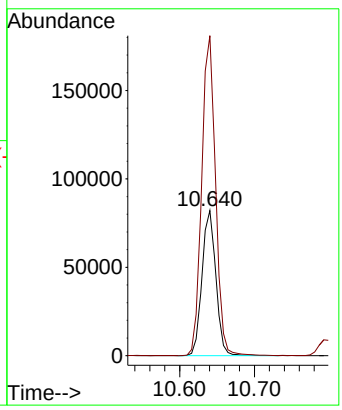




#69
o-Xylene
Concen: 51.291 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion:106 Resp: 10569

Ion	Ratio	Lower	Upper
106	100		
91	220.8	109.9	329.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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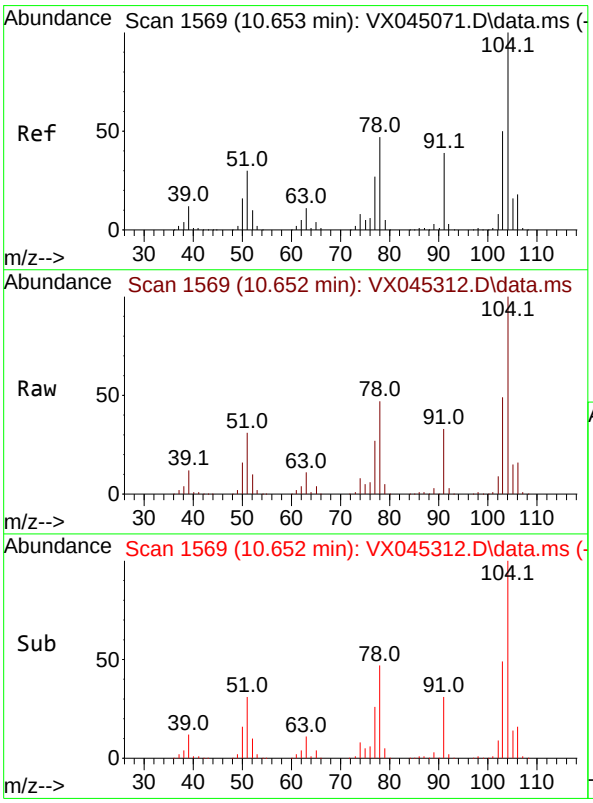
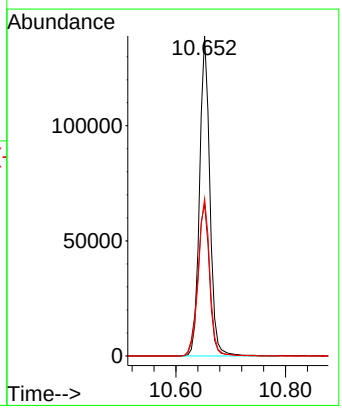
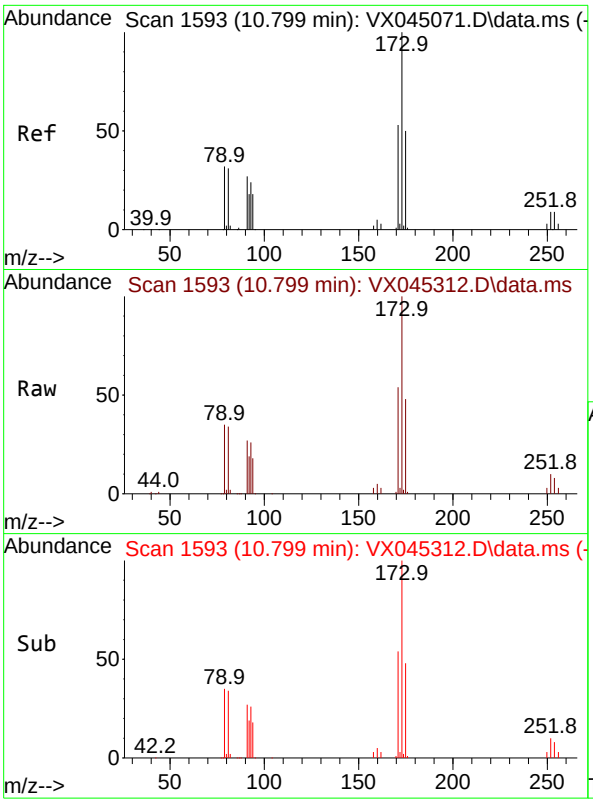


#70
Styrene
Concen: 54.166 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion:104 Resp: 180599

Ion	Ratio	Lower	Upper
104	100		
78	54.4	42.2	63.4
103	55.0	43.8	65.8

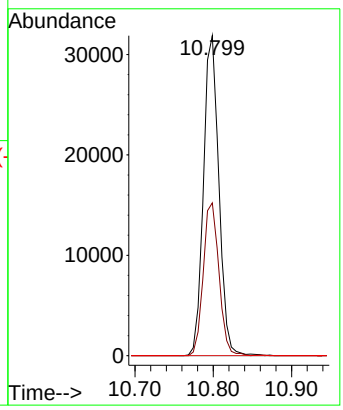




#71
Bromoform
Concen: 54.084 ug/l
RT: 10.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion:173 Resp: 4350

Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.6	73.6
254	0.0	0.0	0.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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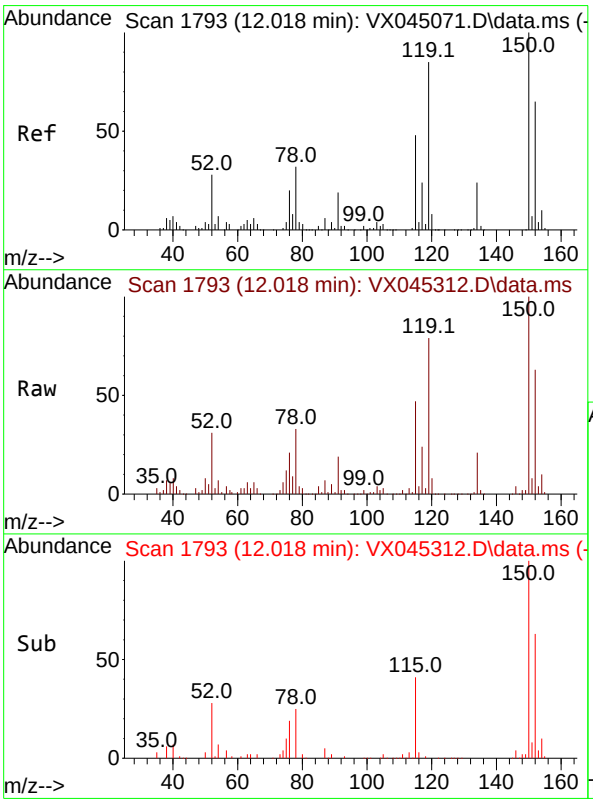
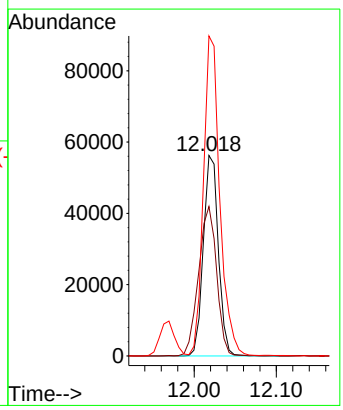
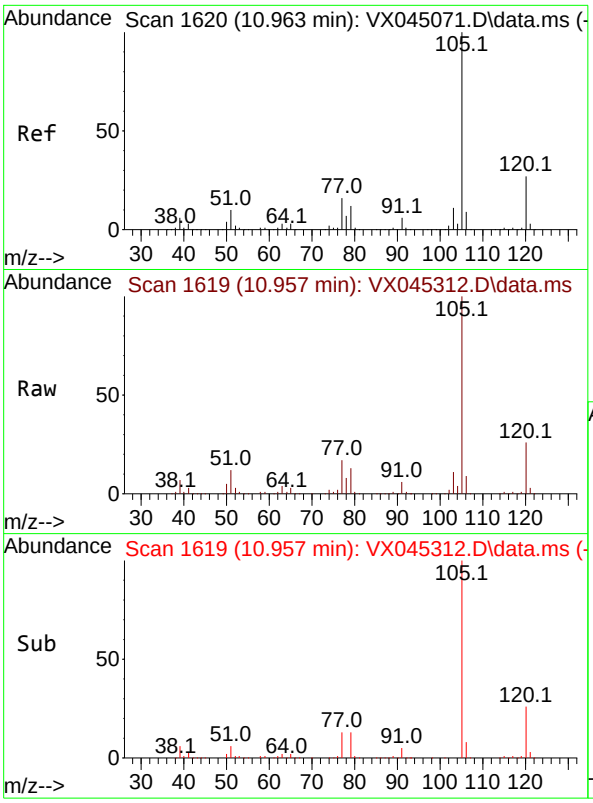


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion:152 Resp: 71356

Ion	Ratio	Lower	Upper
152	100		
115	89.8	44.2	132.6
150	173.0	0.0	349.0

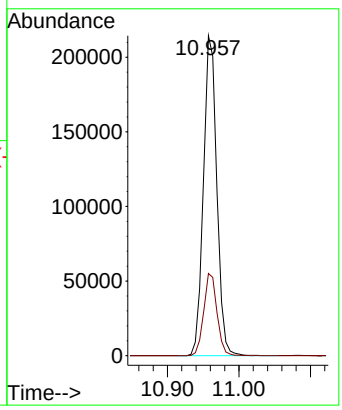




#73
Isopropylbenzene
Concen: 50.023 ug/l
RT: 10.957 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion:105 Resp: 27860

Ion	Ratio	Lower	Upper
105	100		
120	25.5	13.2	39.5



Instrument :
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ClientSampleId :
VSTDCCC050

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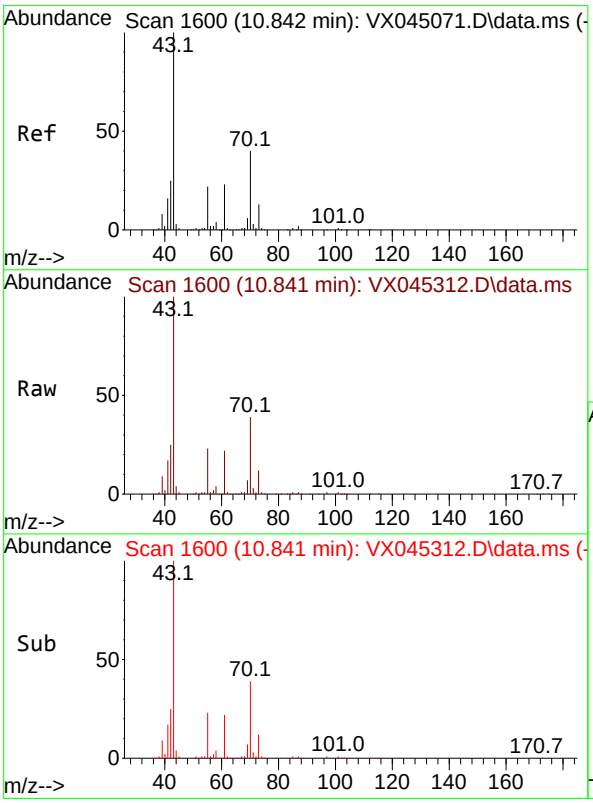
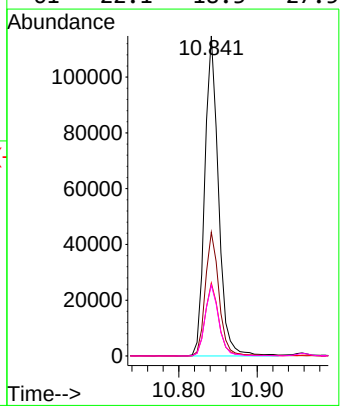
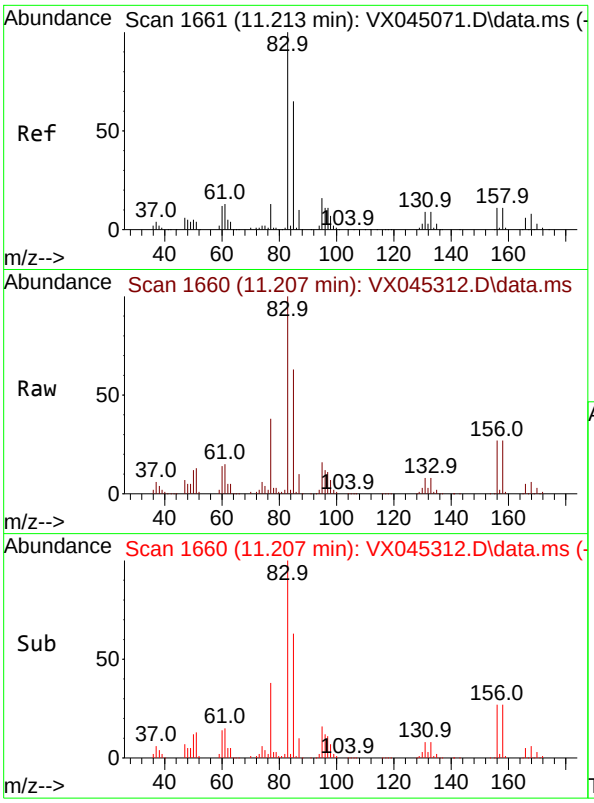


#74
N-amyl acetate
Concen: 53.226 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 43 Resp: 139101

Ion	Ratio	Lower	Upper
43	100		
70	38.5	31.8	47.6
55	22.9	18.3	27.5
61	22.1	18.3	27.5

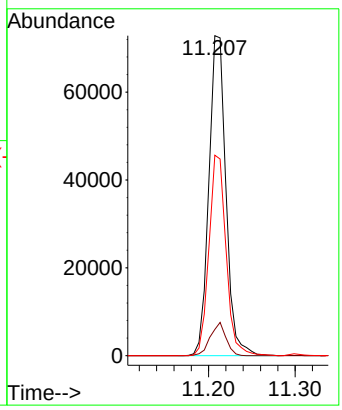




#75
1,1,2,2-Tetrachloroethane
Concen: 48.809 ug/l
RT: 11.207 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 83 Resp: 9975

Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.5	13.4
85	62.9	31.7	95.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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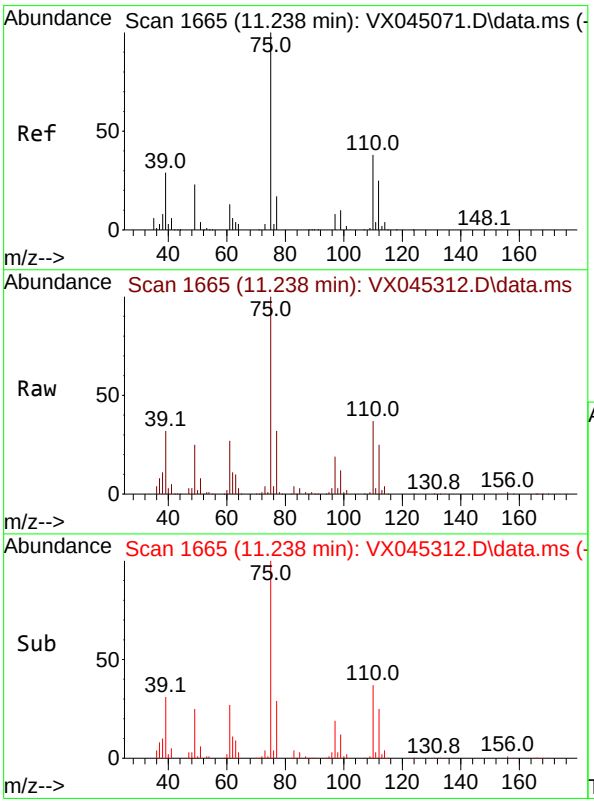
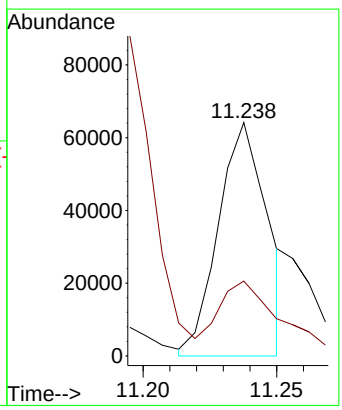
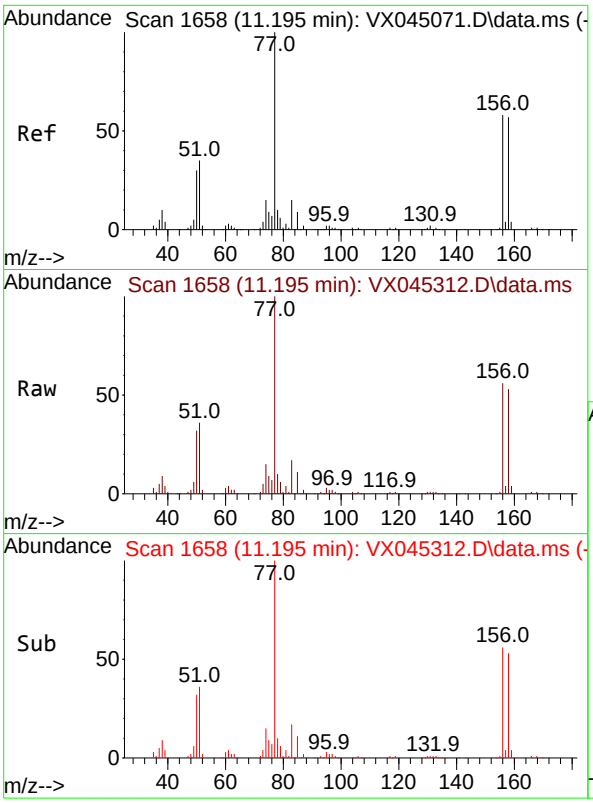


#76
1,2,3-Trichloropropane
Concen: 49.055 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 75 Resp: 81471

Ion	Ratio	Lower	Upper
75	100		
77	41.5	20.7	62.1

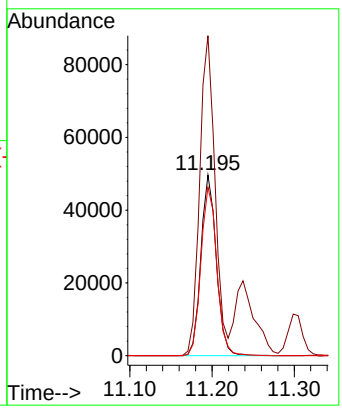




#77
Bromobenzene
Concen: 49.150 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion:156 Resp: 6458

Ion	Ratio	Lower	Upper
156	100		
77	176.3	85.8	257.4
158	96.1	48.4	145.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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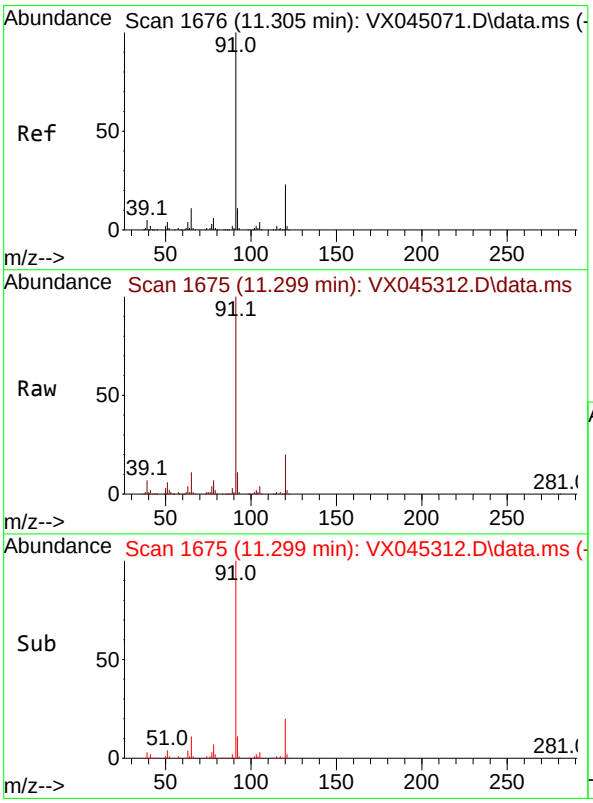
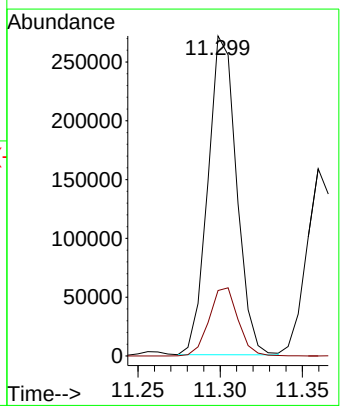
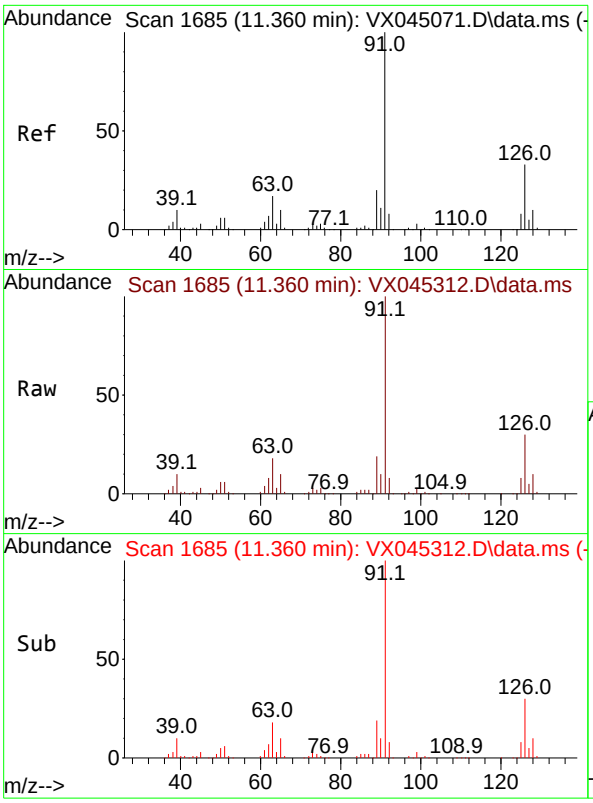


#78
n-propylbenzene
Concen: 52.338 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 91 Resp: 329285

Ion	Ratio	Lower	Upper
91	100		
120	21.6	11.2	33.6

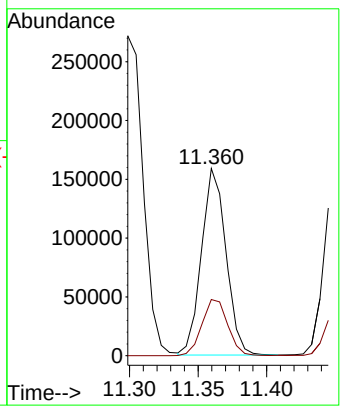




#79
2-Chlorotoluene
Concen: 49.301 ug/l
RT: 11.360 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 91 Resp: 19754

Ion	Ratio	Lower	Upper
91	100		
126	31.8	16.4	49.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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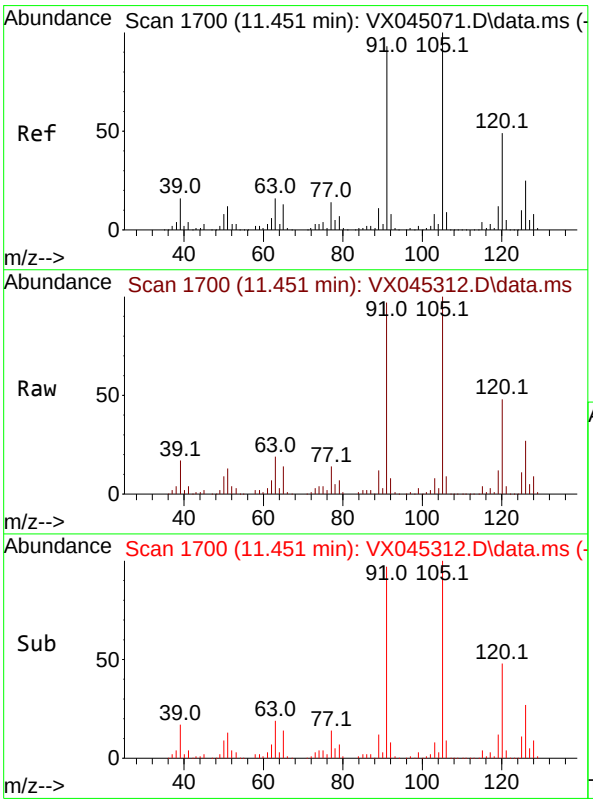
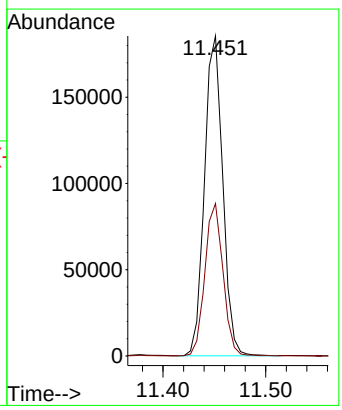
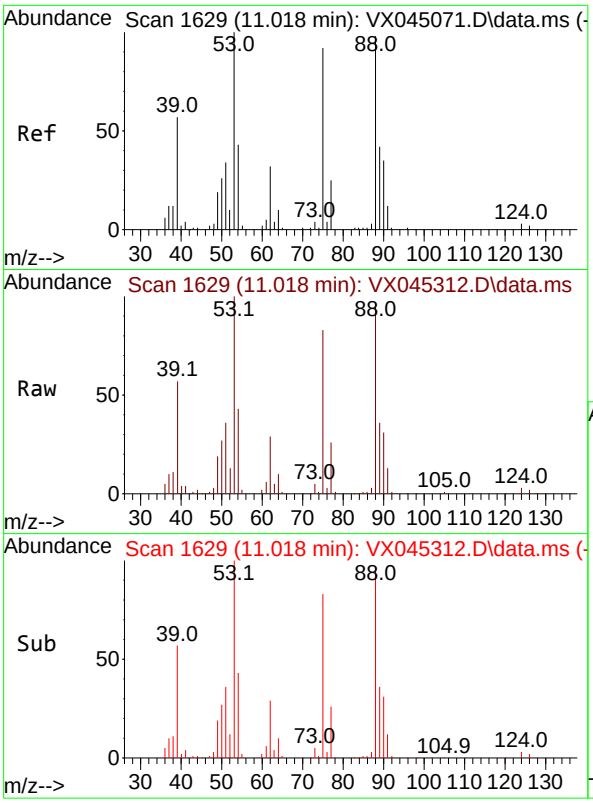


#80
1,3,5-Trimethylbenzene
Concen: 50.984 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion:105 Resp: 229603

Ion	Ratio	Lower	Upper
105	100		
120	47.6	24.1	72.2

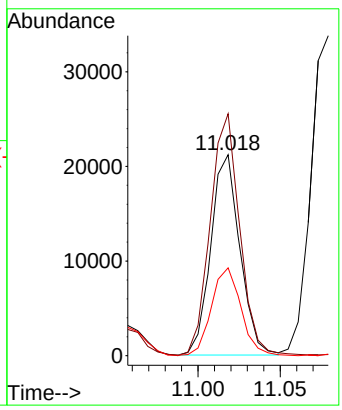




#81
trans-1,4-Dichloro-2-butene
Concen: 53.737 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 75 Resp: 2607

Ion	Ratio	Lower	Upper
75	100		
53	122.5	88.5	132.7
89	44.5	36.2	54.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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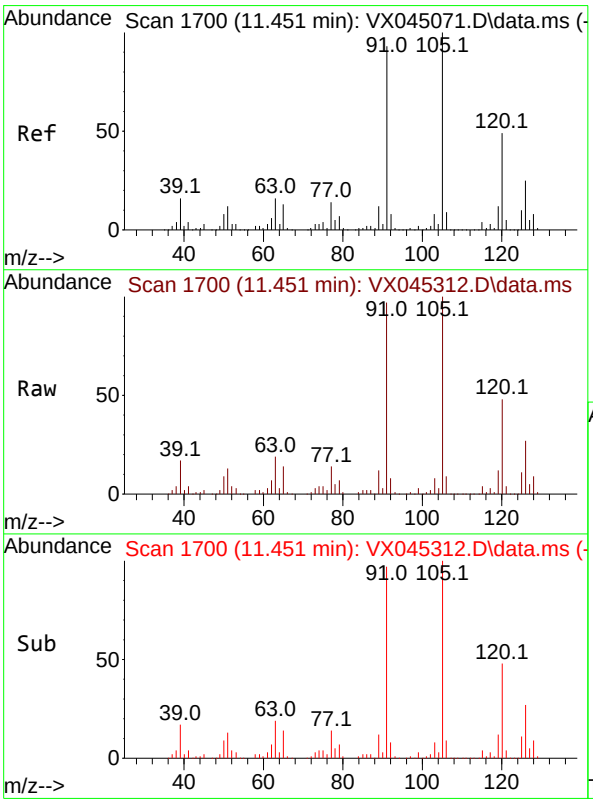
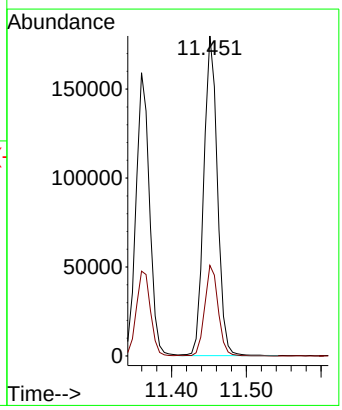
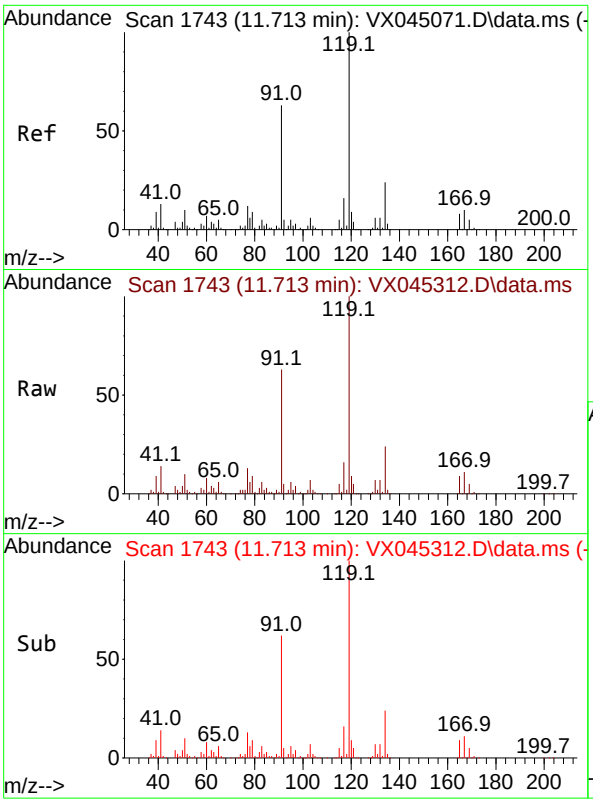


#82
4-Chlorotoluene
Concen: 51.902 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 91 Resp: 226650

Ion	Ratio	Lower	Upper
91	100		
126	28.2	14.1	42.4

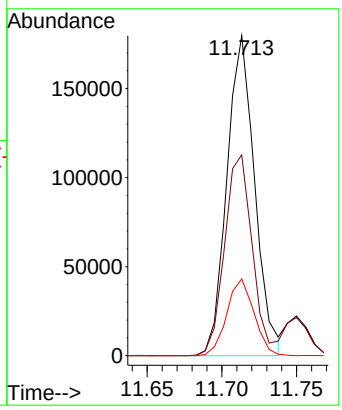




#83
tert-Butylbenzene
Concen: 50.249 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion:119 Resp: 23250

Ion	Ratio	Lower	Upper
119	100		
91	61.8	30.7	92.1
134	23.5	11.7	35.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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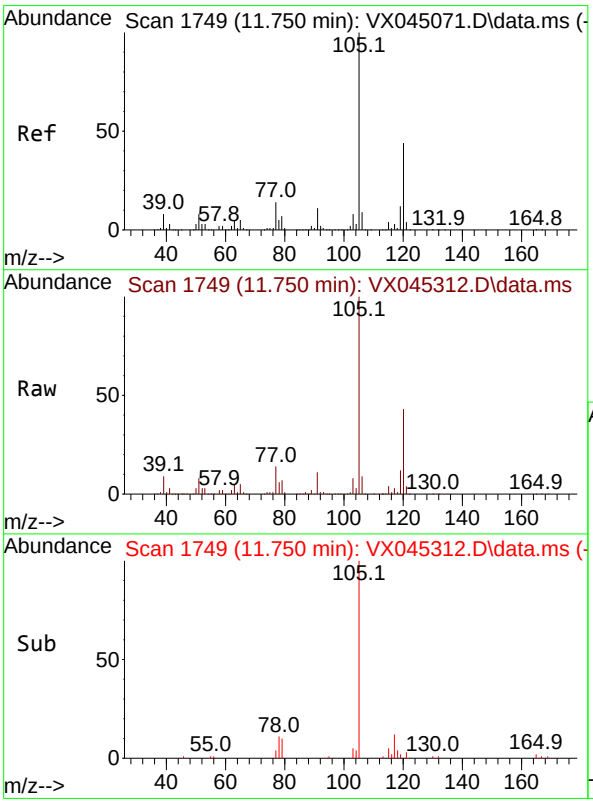
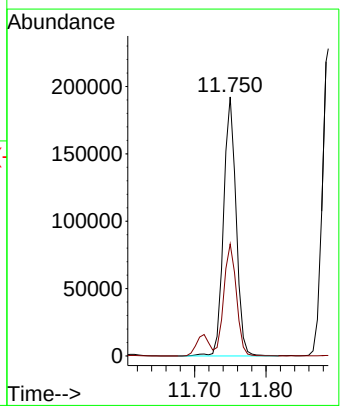
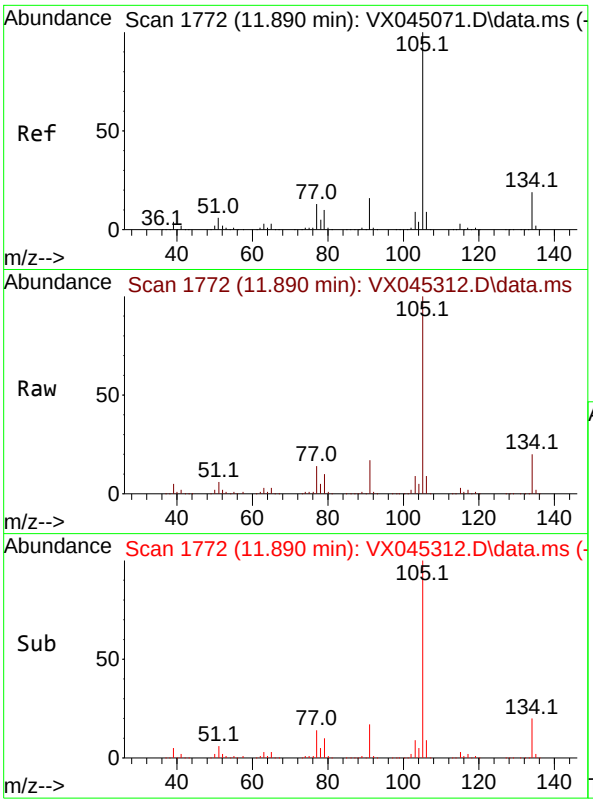


#84
1,2,4-Trimethylbenzene
Concen: 51.705 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion:105 Resp: 234292

Ion	Ratio	Lower	Upper
105	100		
120	43.4	22.1	66.1

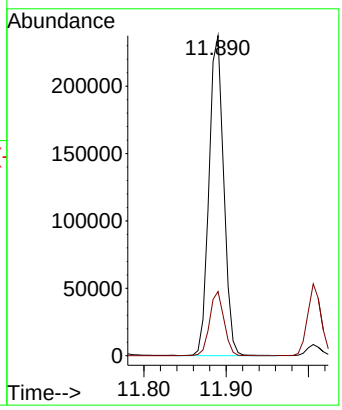




#85
sec-Butylbenzene
Concen: 53.254 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion:105 Resp: 29516

Ion	Ratio	Lower	Upper
105	100		
134	19.6	9.8	29.4



Instrument :
MSVOA_X
ClientSampleId :
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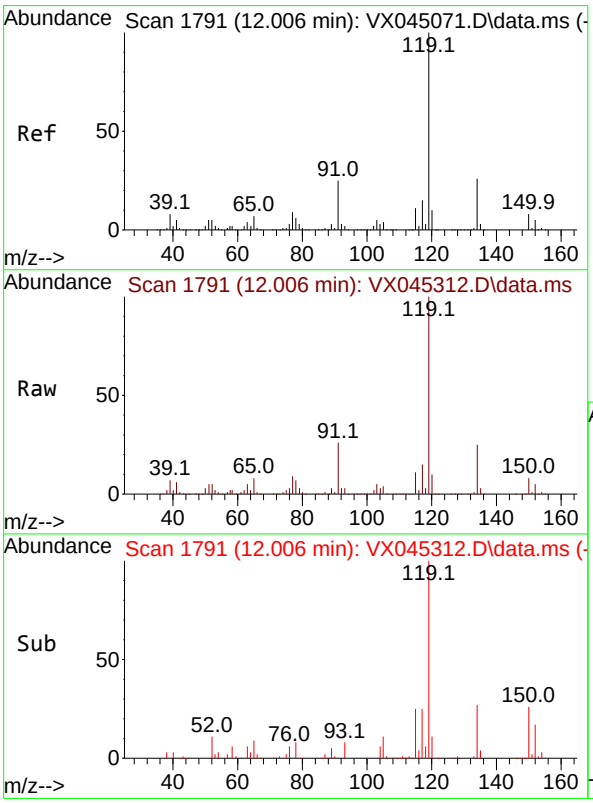
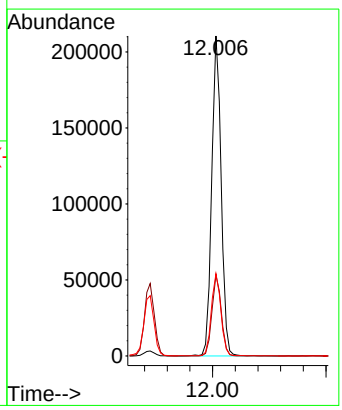
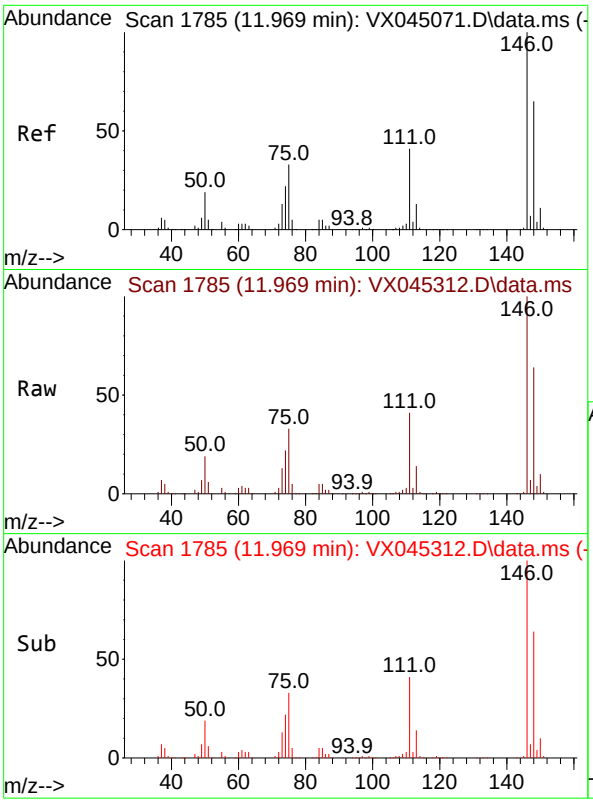


#86
p-Isopropyltoluene
Concen: 54.417 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion:119 Resp: 243748

Ion	Ratio	Lower	Upper
119	100		
134	25.1	12.9	38.6
91	25.9	12.7	38.0

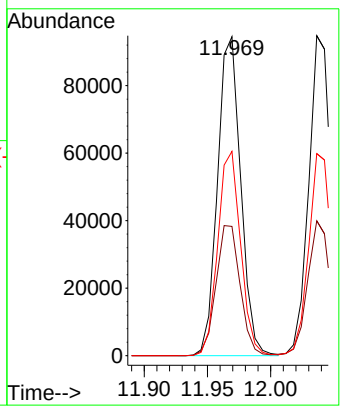




#87
1,3-Dichlorobenzene
Concen: 51.323 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion:146 Resp: 12031

Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.1	63.4
148	63.2	31.9	95.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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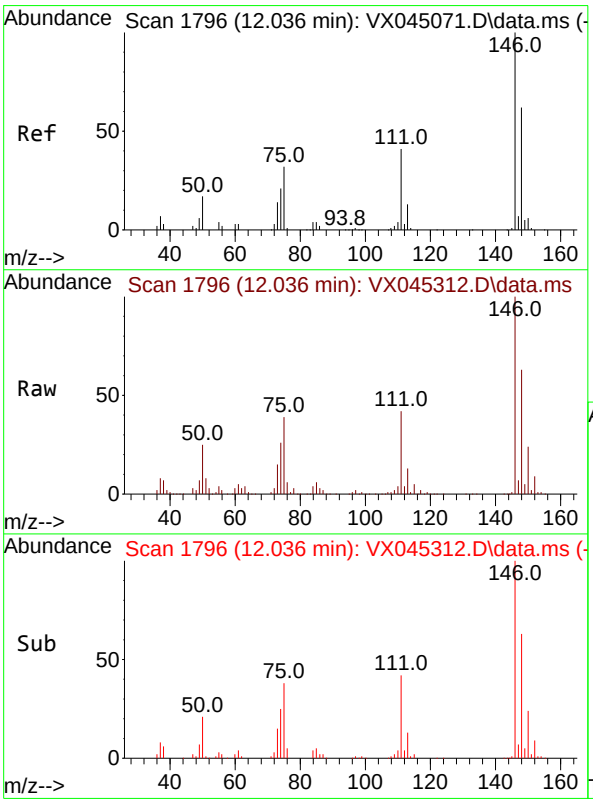
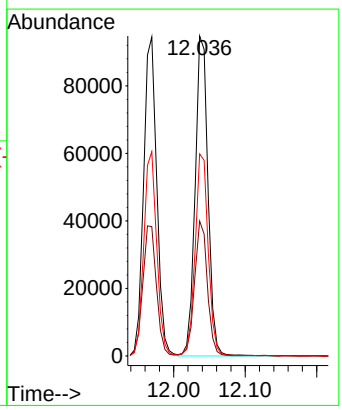
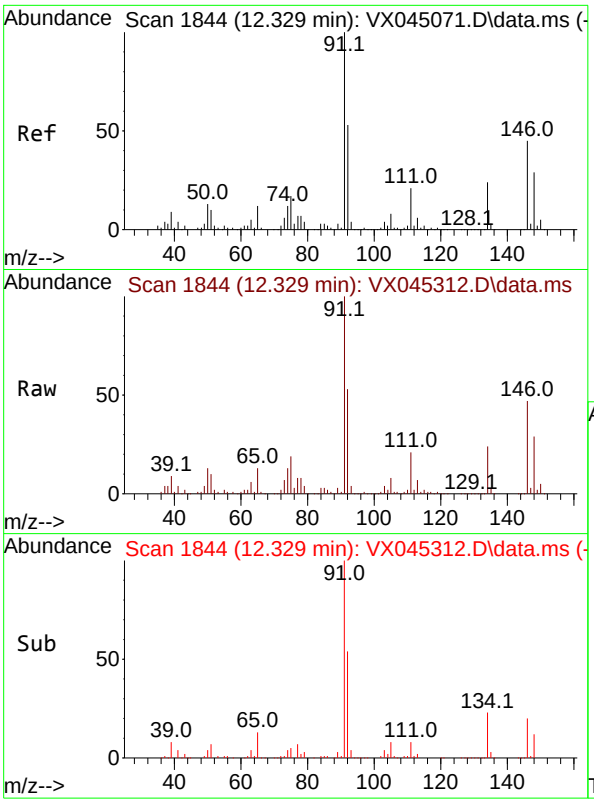


#88
1,4-Dichlorobenzene
Concen: 49.875 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion:146 Resp: 118289

Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.2	60.5
148	64.1	31.9	95.9

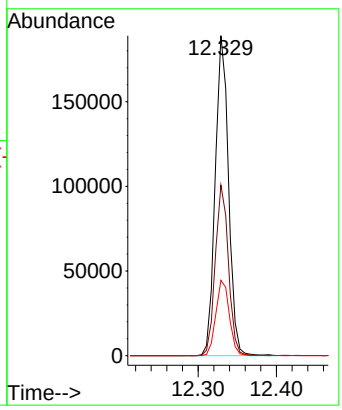




#89
n-Butylbenzene
Concen: 57.938 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 91 Resp: 22352

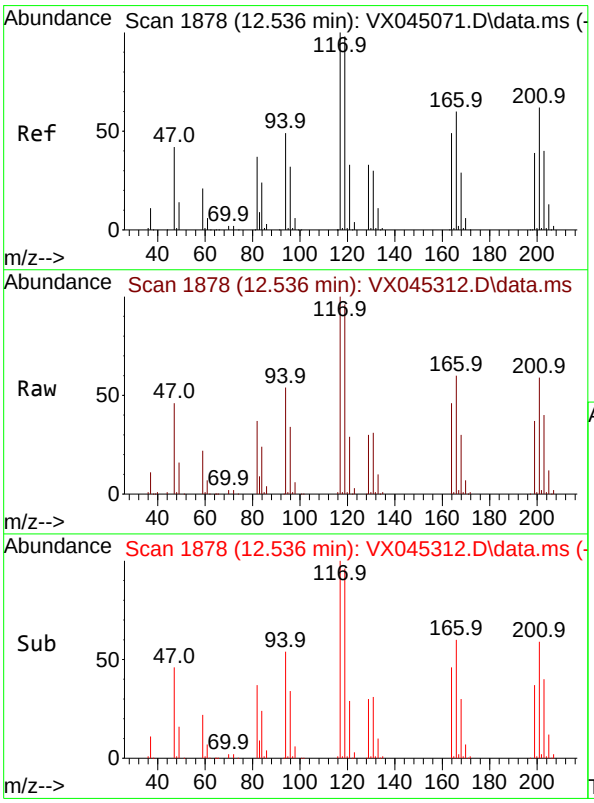
Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.7	80.0
134	23.9	12.2	36.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

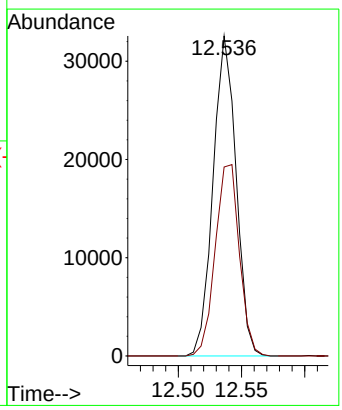
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

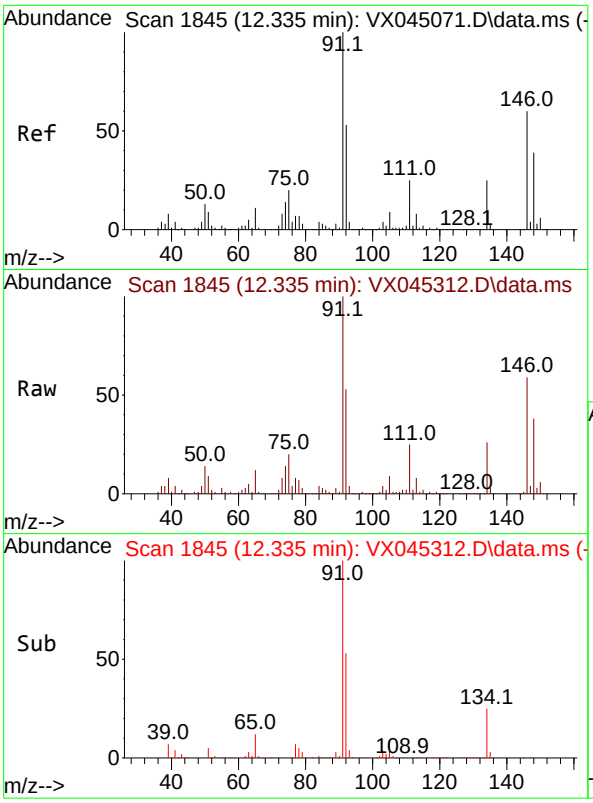


#90
Hexachloroethane
Concen: 50.780 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion:117 Resp: 41142

Ion	Ratio	Lower	Upper
117	100		
201	63.0	31.9	95.9

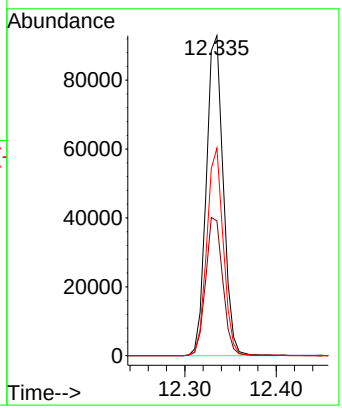




#91
1,2-Dichlorobenzene
Concen: 50.826 ug/l
RT: 12.335 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion:146 Resp: 11952

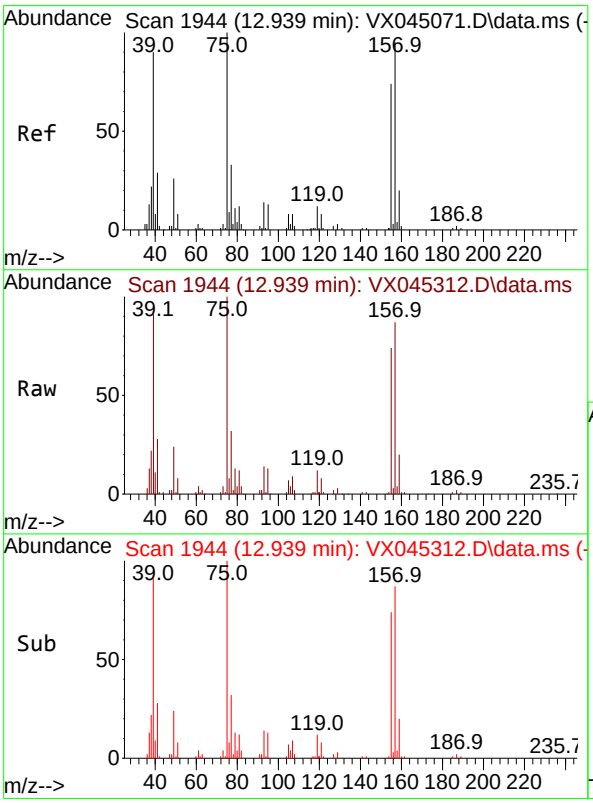
Ion	Ratio	Lower	Upper
146	100		
111	43.8	21.6	65.0
148	63.2	31.9	95.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

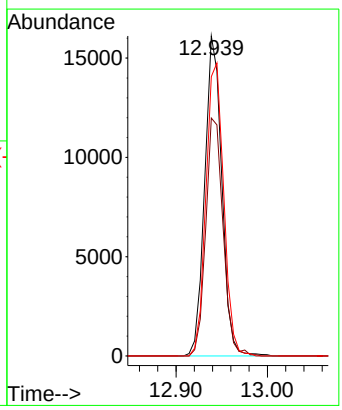
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

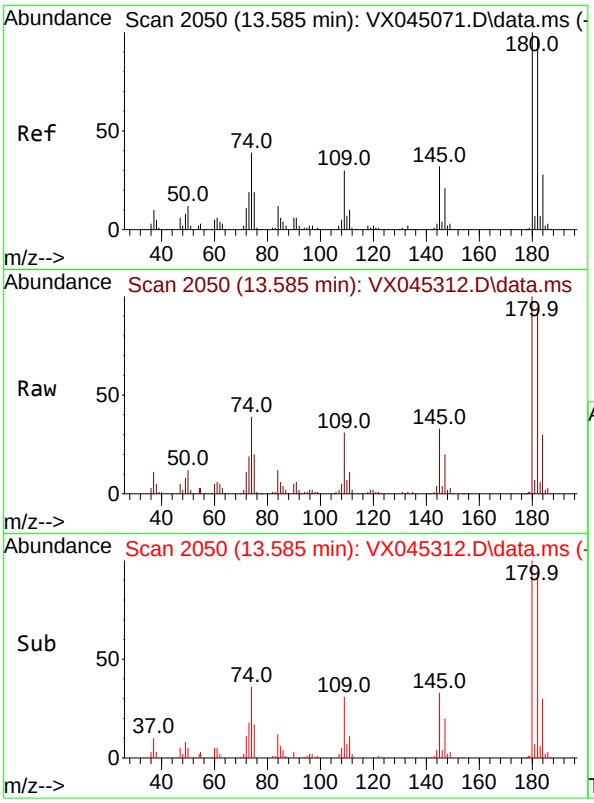


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.623 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 75 Resp: 20953

Ion	Ratio	Lower	Upper
75	100		
155	75.3	39.6	118.7
157	95.0	51.1	153.4

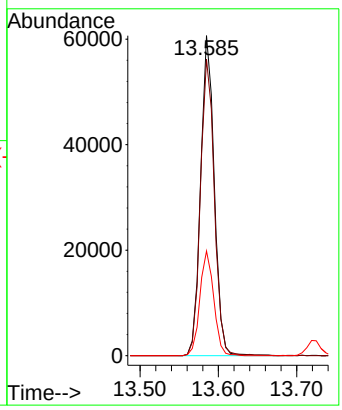




#93
1,2,4-Trichlorobenzene
Concen: 54.660 ug/l
RT: 13.585 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion:180 Resp: 7319

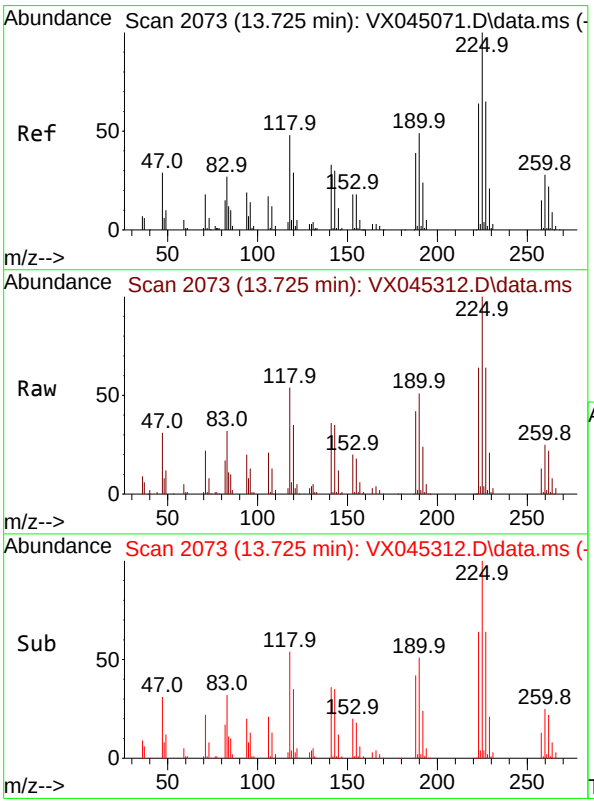
Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.3	141.9
145	33.2	16.3	48.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

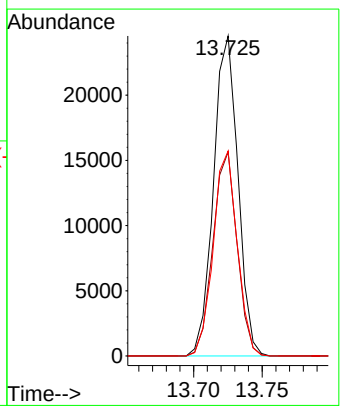
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

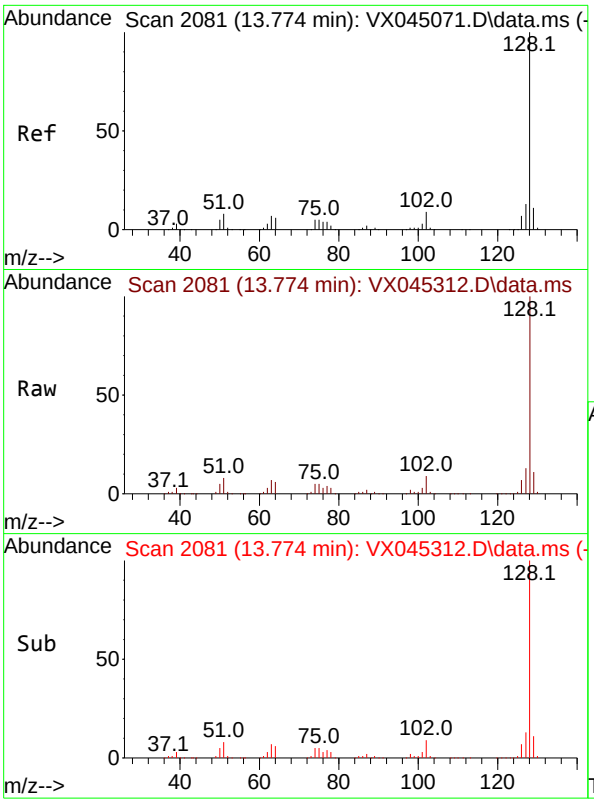


#94
Hexachlorobutadiene
Concen: 55.325 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion:225 Resp: 30372

Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.9	95.7
227	62.9	31.4	94.0

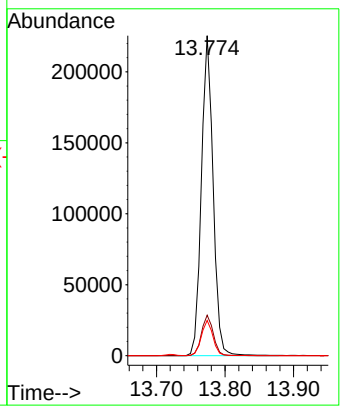




#95
Naphthalene
Concen: 52.139 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion:128 Resp: 26823

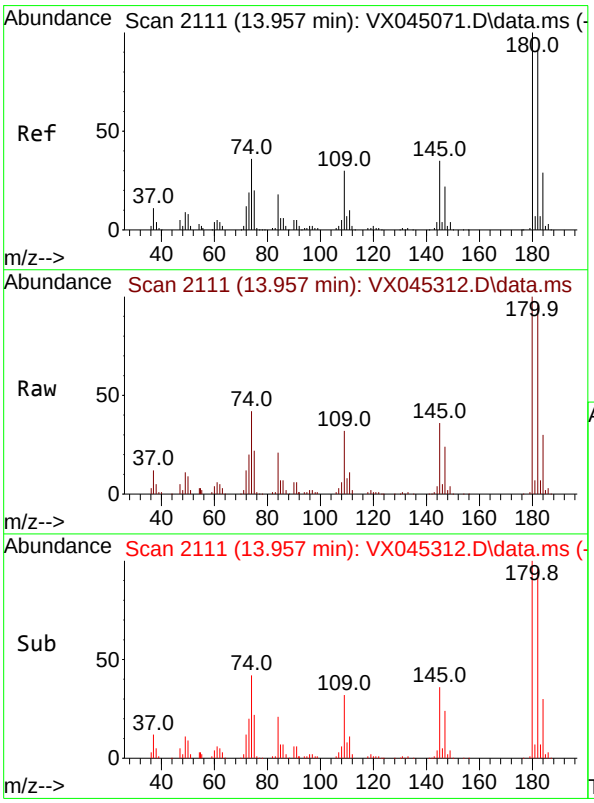
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.9	8.7	13.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

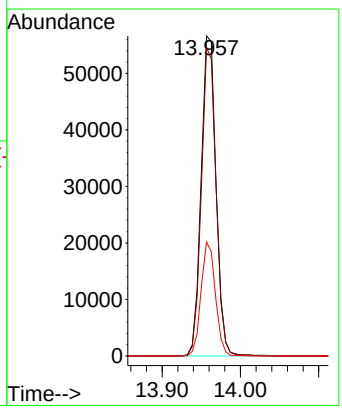
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#96
1,2,3-Trichlorobenzene
Concen: 52.979 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion:180 Resp: 74839

Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.5	142.6
145	34.3	17.0	50.9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045312.D
Acq On : 18 Mar 2025 10:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Mar 19 01:38:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 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	97	0.00
2	T	Dichlorodifluoromethane	0.629	0.603	4.1	93	0.00
3	P	Chloromethane	0.770	0.700	9.1	90	0.00
4	C	Vinyl Chloride	0.764	0.630	17.5#	80	0.00
5	T	Bromomethane	0.300	0.274	8.7	91	0.00
6	T	Chloroethane	0.352	0.317	9.9	82	0.00
7	T	Trichlorofluoromethane	1.011	0.936	7.4	86	0.00
8	T	Diethyl Ether	0.396	0.336	15.2	84	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.581	0.621	-6.9	101	0.00
10	T	Methyl Iodide	0.726	0.747	-2.9	94	0.00
11	T	Tert butyl alcohol	0.151	0.118	21.9	85	0.00
12	CM	1,1-Dichloroethene	0.614	0.582	5.2#	90	0.00
13	T	Acrolein	0.174	0.164	5.7	91	0.00
14	T	Allyl chloride	1.094	1.090	0.4	95	0.00
15	T	Acrylonitrile	0.404	0.388	4.0	92	0.00
16	T	Acetone	0.369	0.341	7.6	94	0.00
17	T	Carbon Disulfide	1.636	1.304	20.3	76	0.00
18	T	Methyl Acetate	0.888	1.047	-17.9	117	0.00
19	T	Methyl tert-butyl Ether	2.061	2.048	0.6	95	0.00
20	T	Methylene Chloride	0.731	0.679	7.1	94	0.00
21	T	trans-1,2-Dichloroethene	0.607	0.576	5.1	88	0.00
22	T	Diisopropyl ether	2.224	2.229	-0.2	94	0.00
23	T	Vinyl Acetate	1.856	1.855	0.1	91	0.00
24	P	1,1-Dichloroethane	1.247	1.218	2.3	95	0.00
25	T	2-Butanone	0.555	0.537	3.2	90	0.00
26	T	2,2-Dichloropropane	0.585	0.849	-45.1#	138	0.00
27	T	cis-1,2-Dichloroethene	0.749	0.729	2.7	92	0.00
28	T	Bromochloromethane	0.594	0.601	-1.2	96	-0.01
29	T	Tetrahydrofuran	0.373	0.340	8.8	88	0.00
30	C	Chloroform	1.239	1.221	1.5#	95	0.00
31	T	Cyclohexane	1.082	1.015	6.2	89	0.00
32	T	1,1,1-Trichloroethane	1.000	0.996	0.4	94	0.00
33	S	1,2-Dichloroethane-d4	0.795	0.819	-3.0	105	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.00
35	S	Dibromofluoromethane	0.334	0.351	-5.1	101	0.00
36	T	1,1-Dichloropropene	0.459	0.450	2.0	90	0.00
37	T	Ethyl Acetate	0.591	0.565	4.4	88	0.00
38	T	Carbon Tetrachloride	0.465	0.471	-1.3	95	0.00
39	T	Methylcyclohexane	0.549	0.568	-3.5	92	0.00
40	TM	Benzene	1.448	1.413	2.4	89	0.00
41	T	Methacrylonitrile	0.319	0.329	-3.1	91	0.00
42	TM	1,2-Dichloroethane	0.521	0.545	-4.6	97	0.00
43	T	Isopropyl Acetate	0.874	0.903	-3.3	92	0.00
44	TM	Trichloroethene	0.340	0.329	3.2	91	0.00
45	C	1,2-Dichloropropane	0.372	0.365	1.9#	93	0.00
46	T	Dibromomethane	0.263	0.271	-3.0	95	0.00
47	T	Bromodichloromethane	0.516	0.537	-4.1	97	0.00
48	T	Methyl methacrylate	0.438	0.466	-6.4	95	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045312.D
Acq On : 18 Mar 2025 10:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Mar 19 01:38:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 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	0.009	0.008	11.1	84	0.00
50	S	Toluene-d8	1.212	1.212	0.0	94	0.00
51	T	4-Methyl-2-Pentanone	0.587	0.609	-3.7	94	0.00
52	CM	Toluene	0.849	0.858	-1.1#	90	0.00
53	T	t-1,3-Dichloropropene	0.431	0.479	-11.1	96	0.00
54	T	cis-1,3-Dichloropropene	0.503	0.545	-8.3	96	0.00
55	T	1,1,2-Trichloroethane	0.350	0.352	-0.6	93	0.00
56	T	Ethyl methacrylate	0.532	0.571	-7.3	94	0.00
57	T	1,3-Dichloropropane	0.605	0.608	-0.5	92	0.00
58	T	2-Chloroethyl Vinyl ether	0.259	0.301	-16.2	100	0.00
59	T	2-Hexanone	0.425	0.449	-5.6	95	0.00
60	T	Dibromochloromethane	0.366	0.388	-6.0	95	0.00
61	T	1,2-Dibromoethane	0.349	0.352	-0.9	93	0.00
62	S	4-Bromofluorobenzene	0.402	0.438	-9.0	103	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
64	T	Tetrachloroethene	0.320	0.327	-2.2	94	0.00
65	PM	Chlorobenzene	1.058	1.075	-1.6	92	0.00
66	T	1,1,1,2-Tetrachloroethane	0.352	0.363	-3.1	95	0.00
67	C	Ethyl Benzene	1.843	1.908	-3.5#	91	0.00
68	T	m/p-Xylenes	0.675	0.703	-4.1	91	0.00
69	T	o-Xylene	0.681	0.698	-2.5	92	0.00
70	T	Styrene	1.101	1.193	-8.4	94	0.00
71	P	Bromoform	0.266	0.287	-7.9	97	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	100	0.00
73	T	Isopropylbenzene	3.903	3.904	-0.0	95	0.00
74	T	N-amyl acetate	1.831	1.949	-6.4	99	0.00
75	P	1,1,2,2-Tetrachloroethane	1.432	1.398	2.4	99	0.00
76	T	1,2,3-Trichloropropane	1.164	1.142	1.9	100	0.00
77	T	Bromobenzene	0.921	0.905	1.7	97	0.00
78	T	n-propylbenzene	4.409	4.615	-4.7	96	0.00
79	T	2-Chlorotoluene	2.808	2.768	1.4	97	0.00
80	T	1,3,5-Trimethylbenzene	3.156	3.218	-2.0	95	0.00
81	T	trans-1,4-Dichloro-2-butene	0.340	0.365	-7.4	108	0.00
82	T	4-Chlorotoluene	3.060	3.176	-3.8	98	0.00
83	T	tert-Butylbenzene	3.242	3.258	-0.5	97	0.00
84	T	1,2,4-Trimethylbenzene	3.175	3.283	-3.4	97	0.00
85	T	sec-Butylbenzene	3.884	4.137	-6.5	98	0.00
86	T	p-Isopropyltoluene	3.139	3.416	-8.8	100	0.00
87	T	1,3-Dichlorobenzene	1.643	1.686	-2.6	101	0.00
88	T	1,4-Dichlorobenzene	1.662	1.658	0.2	98	0.00
89	T	n-Butylbenzene	2.703	3.132	-15.9	104	0.00
90	T	Hexachloroethane	0.568	0.577	-1.6	95	0.00
91	T	1,2-Dichlorobenzene	1.648	1.675	-1.6	101	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.279	0.294	-5.4	102	0.00
93	T	1,2,4-Trichlorobenzene	0.938	1.026	-9.4	102	0.00
94	T	Hexachlorobutadiene	0.385	0.426	-10.6	109	0.00
95	T	Naphthalene	3.605	3.759	-4.3	96	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045312.D
Acq On : 18 Mar 2025 10:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Mar 19 01:38:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 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	0.990	1.049	-6.0	99	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045312.D
Acq On : 18 Mar 2025 10:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Mar 19 01:38:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 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	97	0.00
2	T	Dichlorodifluoromethane	50.000	47.929	4.1	93	0.00
3	P	Chloromethane	50.000	45.462	9.1	90	0.00
4	C	Vinyl Chloride	50.000	41.244	17.5#	80	0.00
5	T	Bromomethane	50.000	45.580	8.8	91	0.00
6	T	Chloroethane	50.000	44.930	10.1	82	0.00
7	T	Trichlorofluoromethane	50.000	46.268	7.5	86	0.00
8	T	Diethyl Ether	50.000	42.490	15.0	84	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	53.469	-6.9	101	0.00
10	T	Methyl Iodide	50.000	51.423	-2.8	94	0.00
11	T	Tert butyl alcohol	250.000	195.913	21.6	85	0.00
12	CM	1,1-Dichloroethene	50.000	47.367	5.3#	90	0.00
13	T	Acrolein	250.000	235.324	5.9	91	0.00
14	T	Allyl chloride	50.000	49.848	0.3	95	0.00
15	T	Acrylonitrile	250.000	240.329	3.9	92	0.00
16	T	Acetone	250.000	230.853	7.7	94	0.00
17	T	Carbon Disulfide	50.000	39.839	20.3	76	0.00
18	T	Methyl Acetate	50.000	58.988	-18.0	117	0.00
19	T	Methyl tert-butyl Ether	50.000	49.687	0.6	95	0.00
20	T	Methylene Chloride	50.000	46.459	7.1	94	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.420	5.2	88	0.00
22	T	Diisopropyl ether	50.000	50.102	-0.2	94	0.00
23	T	Vinyl Acetate	250.000	249.784	0.1	91	0.00
24	P	1,1-Dichloroethane	50.000	48.853	2.3	95	0.00
25	T	2-Butanone	250.000	241.687	3.3	90	0.00
26	T	2,2-Dichloropropane	50.000	72.611	-45.2#	138	0.00
27	T	cis-1,2-Dichloroethene	50.000	48.625	2.8	92	0.00
28	T	Bromochloromethane	50.000	50.547	-1.1	96	-0.01
29	T	Tetrahydrofuran	250.000	227.936	8.8	88	0.00
30	C	Chloroform	50.000	49.301	1.4#	95	0.00
31	T	Cyclohexane	50.000	46.918	6.2	89	0.00
32	T	1,1,1-Trichloroethane	50.000	49.788	0.4	94	0.00
33	S	1,2-Dichloroethane-d4	50.000	51.509	-3.0	105	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	94	0.00
35	S	Dibromofluoromethane	50.000	52.456	-4.9	101	0.00
36	T	1,1-Dichloropropene	50.000	49.023	2.0	90	0.00
37	T	Ethyl Acetate	50.000	47.814	4.4	88	0.00
38	T	Carbon Tetrachloride	50.000	50.618	-1.2	95	0.00
39	T	Methylcyclohexane	50.000	51.720	-3.4	92	0.00
40	TM	Benzene	50.000	48.805	2.4	89	0.00
41	T	Methacrylonitrile	50.000	51.464	-2.9	91	0.00
42	TM	1,2-Dichloroethane	50.000	52.239	-4.5	97	0.00
43	T	Isopropyl Acetate	50.000	51.656	-3.3	92	0.00
44	TM	Trichloroethene	50.000	48.376	3.2	91	0.00
45	C	1,2-Dichloropropane	50.000	49.071	1.9#	93	0.00
46	T	Dibromomethane	50.000	51.526	-3.1	95	0.00
47	T	Bromodichloromethane	50.000	52.012	-4.0	97	0.00
48	T	Methyl methacrylate	50.000	53.109	-6.2	95	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045312.D
Acq On : 18 Mar 2025 10:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Mar 19 01:38:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 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	907.231	9.3	84	0.00
50	S	Toluene-d8	50.000	49.996	0.0	94	0.00
51	T	4-Methyl-2-Pentanone	250.000	259.644	-3.9	94	0.00
52	CM	Toluene	50.000	50.515	-1.0#	90	0.00
53	T	t-1,3-Dichloropropene	50.000	55.465	-10.9	96	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.190	-8.4	96	0.00
55	T	1,1,2-Trichloroethane	50.000	50.360	-0.7	93	0.00
56	T	Ethyl methacrylate	50.000	53.664	-7.3	94	0.00
57	T	1,3-Dichloropropane	50.000	50.198	-0.4	92	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	290.649	-16.3	100	0.00
59	T	2-Hexanone	250.000	263.820	-5.5	95	0.00
60	T	Dibromochloromethane	50.000	53.043	-6.1	95	0.00
61	T	1,2-Dibromoethane	50.000	50.415	-0.8	93	0.00
62	S	4-Bromofluorobenzene	50.000	54.557	-9.1	103	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	93	0.00
64	T	Tetrachloroethene	50.000	51.098	-2.2	94	0.00
65	PM	Chlorobenzene	50.000	50.822	-1.6	92	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.552	-3.1	95	0.00
67	C	Ethyl Benzene	50.000	51.743	-3.5#	91	0.00
68	T	m/p-Xylenes	100.000	104.167	-4.2	91	0.00
69	T	o-Xylene	50.000	51.291	-2.6	92	0.00
70	T	Styrene	50.000	54.166	-8.3	94	0.00
71	P	Bromoform	50.000	54.084	-8.2	97	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	100	0.00
73	T	Isopropylbenzene	50.000	50.023	-0.0	95	0.00
74	T	N-amyl acetate	50.000	53.226	-6.5	99	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.809	2.4	99	0.00
76	T	1,2,3-Trichloropropane	50.000	49.055	1.9	100	0.00
77	T	Bromobenzene	50.000	49.150	1.7	97	0.00
78	T	n-propylbenzene	50.000	52.338	-4.7	96	0.00
79	T	2-Chlorotoluene	50.000	49.301	1.4	97	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.984	-2.0	95	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	53.737	-7.5	108	0.00
82	T	4-Chlorotoluene	50.000	51.902	-3.8	98	0.00
83	T	tert-Butylbenzene	50.000	50.249	-0.5	97	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.705	-3.4	97	0.00
85	T	sec-Butylbenzene	50.000	53.254	-6.5	98	0.00
86	T	p-Isopropyltoluene	50.000	54.417	-8.8	100	0.00
87	T	1,3-Dichlorobenzene	50.000	51.323	-2.6	101	0.00
88	T	1,4-Dichlorobenzene	50.000	49.875	0.3	98	0.00
89	T	n-Butylbenzene	50.000	57.938	-15.9	104	0.00
90	T	Hexachloroethane	50.000	50.780	-1.6	95	0.00
91	T	1,2-Dichlorobenzene	50.000	50.826	-1.7	101	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.623	-5.2	102	0.00
93	T	1,2,4-Trichlorobenzene	50.000	54.660	-9.3	102	0.00
94	T	Hexachlorobutadiene	50.000	55.325	-10.7	109	0.00
95	T	Naphthalene	50.000	52.139	-4.3	96	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045312.D
Acq On : 18 Mar 2025 10:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Mar 19 01:38:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 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	52.979	-6.0	99	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Alliance TECHNICAL GROUP

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: AECO15

Lab Code: CHEM Case No.: Q1557 SAS No.: Q1557 SDG No.: Q1557

Instrument ID: MSVOA_X Calibration Date/Time: 03/18/2025 20:16

Lab File ID: VX045338.D Init. Calib. Date(s): 02/28/2025 02/28/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 01:27 03:47

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.629	0.613		-2.54	50
Chloromethane	0.770	0.675	0.1	-12.34	50
Vinyl Chloride	0.764	0.692		-9.42	50
Bromomethane	0.300	0.300		0	50
Chloroethane	0.352	0.317		-9.94	50
Trichlorofluoromethane	1.012	1.031		1.88	50
1,1,2-Trichlorotrifluoroethane	0.581	0.667		14.8	50
1,1-Dichloroethene	0.614	0.645		5.05	50
Acetone	0.369	0.378		2.44	50
Carbon Disulfide	1.636	1.376		-15.89	50
Methyl tert-butyl Ether	2.061	2.347		13.88	50
Methyl Acetate	0.888	1.198		34.91	50
Methylene Chloride	0.731	0.762		4.24	50
trans-1,2-Dichloroethene	0.607	0.652		7.41	50
1,1-Dichloroethane	1.247	1.406	0.1	12.75	50
Cyclohexane	1.082	1.119		3.42	50
2-Butanone	0.555	0.589		6.13	50
Carbon Tetrachloride	0.465	0.533		14.62	50
cis-1,2-Dichloroethene	0.749	0.827		10.41	50
Bromochloromethane	0.594	0.656		10.44	50
Chloroform	1.239	1.421		14.69	50
1,1,1-Trichloroethane	1.000	1.177		17.7	50
Methylcyclohexane	0.549	0.616		12.2	50
Benzene	1.448	1.576		8.84	50
1,2-Dichloroethane	0.521	0.625		19.96	50
Trichloroethene	0.340	0.369		8.53	50
1,2-Dichloropropane	0.372	0.418		12.37	50
Bromodichloromethane	0.516	0.602		16.67	50
4-Methyl-2-Pentanone	0.587	0.651		10.9	50
Toluene	0.849	0.954		12.37	50
t-1,3-Dichloropropene	0.431	0.523		21.35	50
cis-1,3-Dichloropropene	0.503	0.601		19.48	50
1,1,2-Trichloroethane	0.350	0.385		10	50
2-Hexanone	0.425	0.472		11.06	50
Dibromochloromethane	0.366	0.413		12.84	50
1,2-Dibromoethane	0.349	0.387		10.89	50
Tetrachloroethene	0.320	0.359		12.19	50
Chlorobenzene	1.058	1.176	0.3	11.15	50

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: AECO15

Lab Code: CHEM Case No.: Q1557 SAS No.: Q1557 SDG No.: Q1557

Instrument ID: MSVOA_X Calibration Date/Time: 03/18/2025 20:16

Lab File ID: VX045338.D Init. Calib. Date(s): 02/28/2025 02/28/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 01:27 03:47

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.843	2.137		15.95	50
m/p-Xylenes	0.675	0.777		15.11	50
o-Xylene	0.681	0.758		11.31	50
Styrene	1.101	1.274		15.71	50
Bromoform	0.266	0.297	0.1	11.65	50
Isopropylbenzene	3.903	4.486		14.94	50
1,1,2,2-Tetrachloroethane	1.432	1.566	0.3	9.36	50
1,3-Dichlorobenzene	1.643	1.847		12.42	50
1,4-Dichlorobenzene	1.662	1.846		11.07	50
1,2-Dichlorobenzene	1.648	1.889		14.62	50
1,2-Dibromo-3-Chloropropane	0.279	0.331		18.64	50
1,2,4-Trichlorobenzene	0.938	1.113		18.66	50
1,2,3-Trichlorobenzene	0.990	1.174		18.59	50
1,2-Dichloroethane-d4	0.795	0.973		22.39	50
Dibromofluoromethane	0.334	0.396		18.56	50
Toluene-d8	1.212	1.395		15.1	50
4-Bromofluorobenzene	0.402	0.479		19.15	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\VX031825\
Data File : VX045338.D
Acq On : 18 Mar 2025 20:16
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 19 01:51:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	84125	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	150662	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	128192	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	57337	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81893	61.200	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 122.400%			
35) Dibromofluoromethane	5.379	113	59737	59.296	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 118.600%			
50) Toluene-d8	8.647	98	210146	57.538	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 115.080%#			
62) 4-Bromofluorobenzene	11.079	95	72166	59.628	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 119.260%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	51601	48.729	ug/l	98
3) Chloromethane	1.301	50	56752	43.793	ug/l	99
4) Vinyl Chloride	1.374	62	58243	45.305	ug/l	98
5) Bromomethane	1.593	94	25260	49.983	ug/l	99
6) Chloroethane	1.660	64	26646	44.936	ug/l	95
7) Trichlorofluoromethane	1.868	101	86733	50.964	ug/l	100
8) Diethyl Ether	2.136	74	31915	47.945	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	56075	57.352	ug/l	99
10) Methyl Iodide	2.441	142	65943	53.969	ug/l	97
11) Tert butyl alcohol	2.989	59	53027	209.210	ug/l	99
12) 1,1-Dichloroethene	2.307	96	54237	52.468	ug/l	93
13) Acrolein	2.239	56	73442	250.658	ug/l	100
14) Allyl chloride	2.654	41	102455	55.680	ug/l	95
15) Acrylonitrile	3.069	53	176272	259.486	ug/l	99
16) Acetone	2.386	43	158918	255.968	ug/l	97
17) Carbon Disulfide	2.502	76	115773	42.049	ug/l	97
18) Methyl Acetate	2.703	43	100760	67.463	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	197477	56.941	ug/l	97
20) Methylene Chloride	2.782	84	64105	52.125	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	54820	53.680	ug/l	94
22) Diisopropyl ether	3.764	45	212818	56.869	ug/l	98
23) Vinyl Acetate	3.721	43	883964	283.056	ug/l	99
24) 1,1-Dichloroethane	3.605	63	118316	56.414	ug/l	98
25) 2-Butanone	4.562	43	247851	265.213	ug/l	97
26) 2,2-Dichloropropane	4.471	77	72453	73.651	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	69546	55.166	ug/l	95
28) Bromochloromethane	4.891	49	55167	55.186	ug/l	98
29) Tetrahydrofuran	5.001	42	159660	254.403	ug/l	99
30) Chloroform	5.087	83	119558	57.373	ug/l	100
31) Cyclohexane	5.458	56	94154	51.717	ug/l	93
32) 1,1,1-Trichloroethane	5.373	97	98999	58.821	ug/l	98
36) 1,1-Dichloropropene	5.684	75	75043	54.316	ug/l	98
37) Ethyl Acetate	4.709	43	94554	53.112	ug/l	99
38) Carbon Tetrachloride	5.666	117	80339	57.276	ug/l	98
39) Methylcyclohexane	7.373	83	92874	56.101	ug/l	99
40) Benzene	6.031	78	237509	54.440	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045338.D
Acq On : 18 Mar 2025 20:16
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 19 01:51:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	4.922	41	53326	55.396 ug/l		96
42) 1,2-Dichloroethane	6.080	62	94116	59.907 ug/l		98
43) Isopropyl Acetate	6.342	43	150519	57.177 ug/l		99
44) Trichloroethene	7.123	130	55524	54.201 ug/l		99
45) 1,2-Dichloropropane	7.428	63	62993	56.158 ug/l		99
46) Dibromomethane	7.574	93	45001	56.759 ug/l		98
47) Bromodichloromethane	7.818	83	90721	58.336 ug/l		98
48) Methyl methacrylate	7.690	41	76591	57.992 ug/l		95
49) 1,4-Dioxane	7.665	88	25756	924.511 ug/l		95
51) 4-Methyl-2-Pentanone	8.574	43	490226	277.341 ug/l		100
52) Toluene	8.714	92	143688	56.134 ug/l		100
53) t-1,3-Dichloropropene	8.976	75	78792	60.605 ug/l		98
54) cis-1,3-Dichloropropene	8.360	75	90501	59.696 ug/l		92
55) 1,1,2-Trichloroethane	9.147	97	58012	55.051 ug/l		98
56) Ethyl methacrylate	9.116	69	94019	58.695 ug/l		95
57) 1,3-Dichloropropane	9.305	76	101382	55.593 ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	245641	314.370 ug/l		100
59) 2-Hexanone	9.427	43	355832	277.843 ug/l		99
60) Dibromochloromethane	9.519	129	62295	56.538 ug/l		98
61) 1,2-Dibromoethane	9.604	107	58284	55.404 ug/l		100
64) Tetrachloroethene	9.269	164	46080	56.125 ug/l		97
65) Chlorobenzene	10.080	112	150788	55.590 ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	50844	56.285 ug/l		99
67) Ethyl Benzene	10.189	91	273984	57.969 ug/l		100
68) m/p-Xylenes	10.299	106	199139	115.095 ug/l		97
69) o-Xylene	10.640	106	97145	55.670 ug/l		97
70) Styrene	10.653	104	163347	57.851 ug/l		98
71) Bromoform	10.799	173	38046	55.853 ug/l	#	99
73) Isopropylbenzene	10.957	105	257226	57.476 ug/l		99
74) N-amyl acetate	10.842	43	124071	59.082 ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	89804	54.683 ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	73684m	55.214 ug/l		
77) Bromobenzene	11.195	156	58108	55.031 ug/l		96
78) n-propylbenzene	11.299	91	297988	58.944 ug/l		98
79) 2-Chlorotoluene	11.360	91	178182	55.342 ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	210225	58.095 ug/l		98
81) trans-1,4-Dichloro-2-b...	11.018	75	21020	53.903 ug/l		87
82) 4-Chlorotoluene	11.451	91	204674	58.329 ug/l		99
83) tert-Butylbenzene	11.713	119	211957	57.007 ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	211733	58.152 ug/l		100
85) sec-Butylbenzene	11.890	105	266604	59.861 ug/l		99
86) p-Isopropyltoluene	12.006	119	216728	60.215 ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	105903	56.221 ug/l		100
88) 1,4-Dichlorobenzene	12.036	146	105860	55.548 ug/l		98
89) n-Butylbenzene	12.329	91	193200	62.324 ug/l		100
90) Hexachloroethane	12.536	117	36208	55.617 ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	108332	57.330 ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	18967	59.282 ug/l		91
93) 1,2,4-Trichlorobenzene	13.585	180	63837	59.330 ug/l		99
94) Hexachlorobutadiene	13.725	225	25788	58.460 ug/l		97
95) Naphthalene	13.774	128	242871	58.751 ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	67333	59.320 ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045338.D
Acq On : 18 Mar 2025 20:16
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 19 01:51:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

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\VX031825\
Data File : VX045338.D
Acq On : 18 Mar 2025 20:16
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 19 01:51:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

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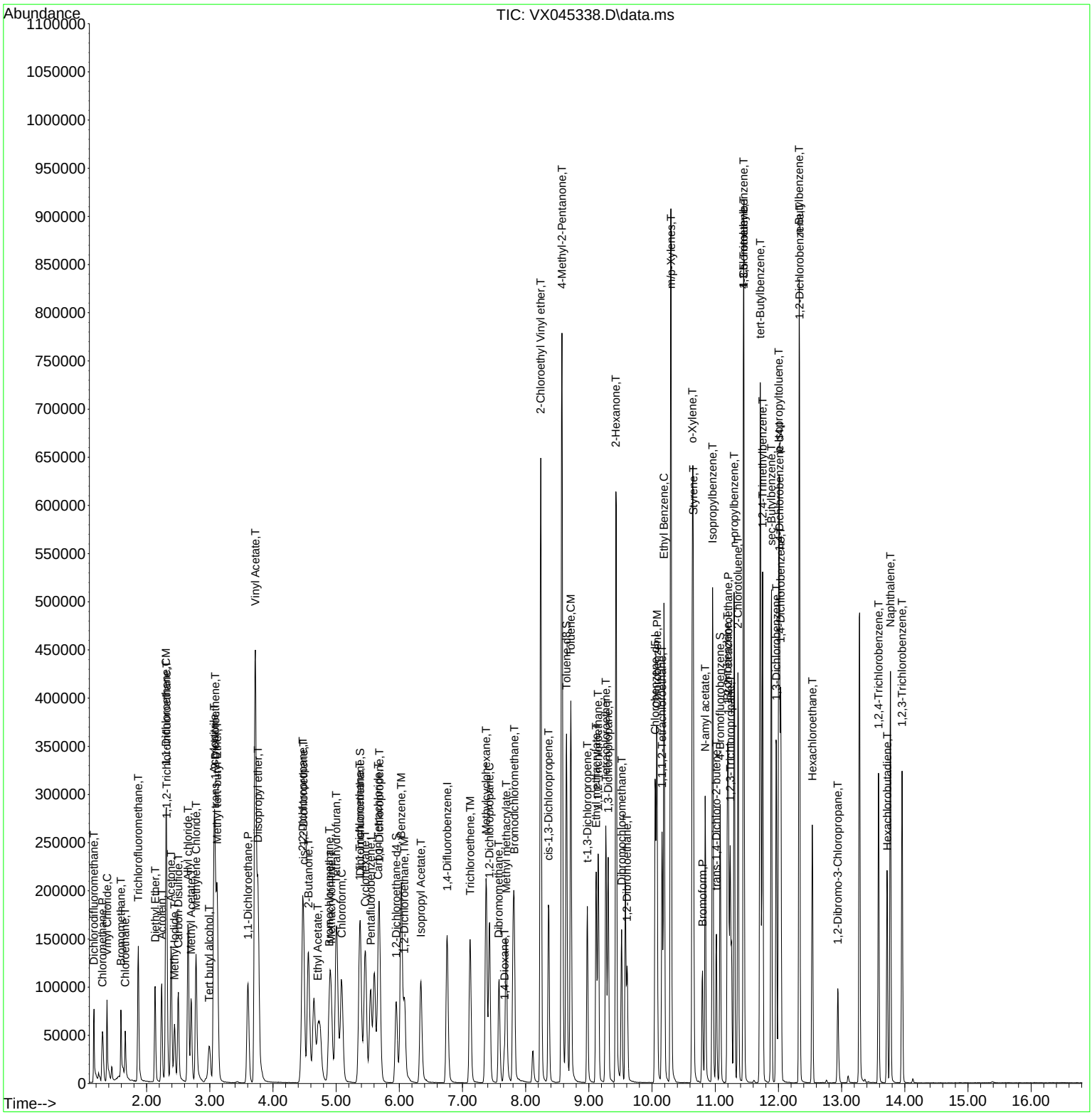
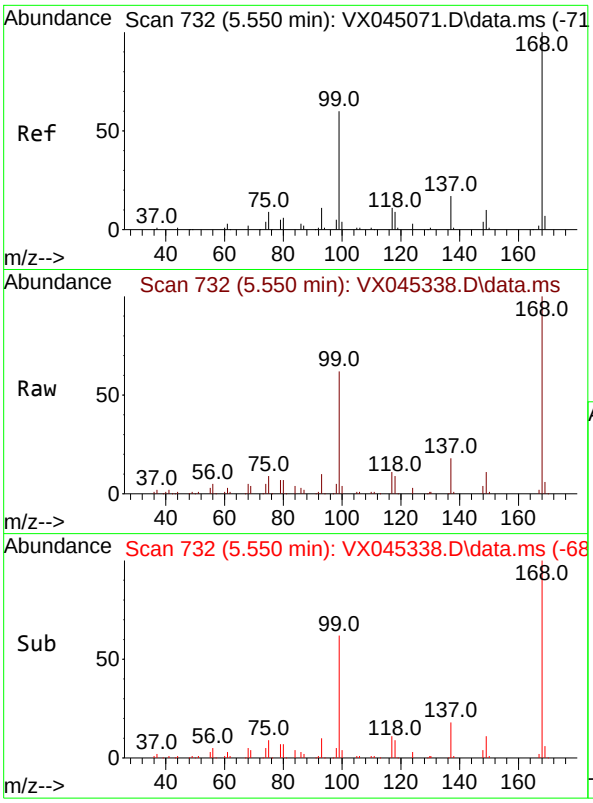
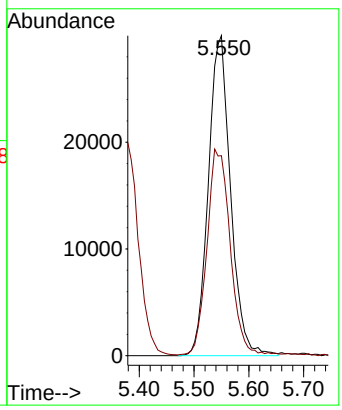




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion:168 Resp: 8412

Ion	Ratio	Lower	Upper
168	100		
99	62.3	48.2	72.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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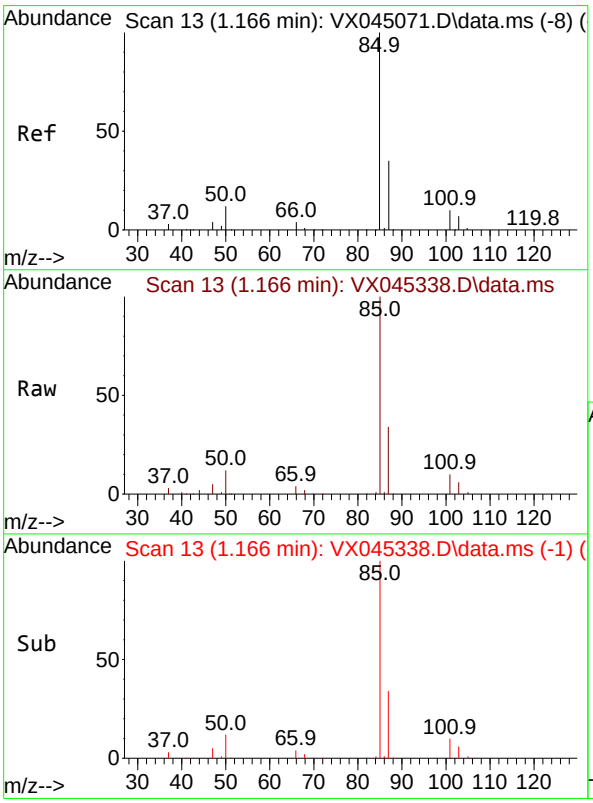
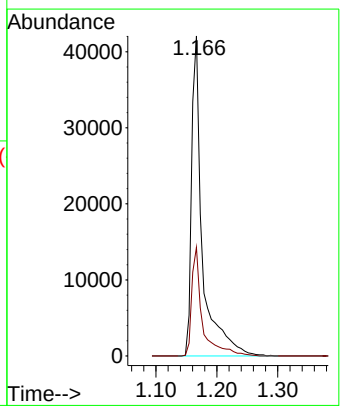
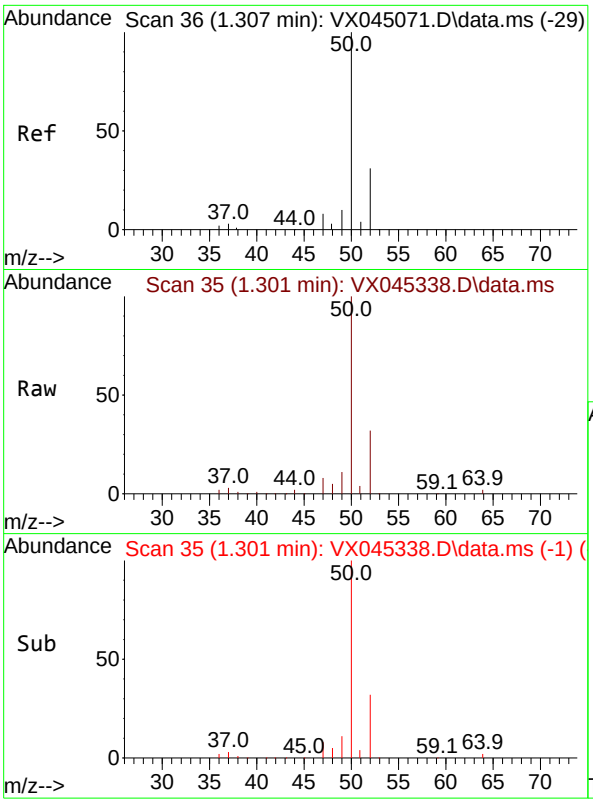


#2
Dichlorodifluoromethane
Concen: 48.729 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 85 Resp: 51601

Ion	Ratio	Lower	Upper
85	100		
87	34.0	17.4	52.3

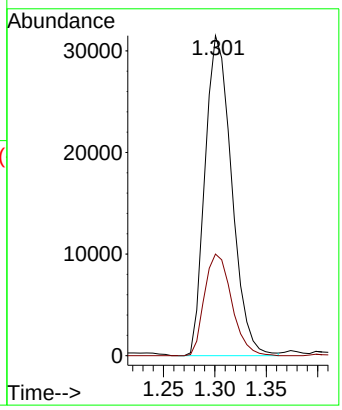




#3
Chloromethane
Concen: 43.793 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 50 Resp: 5675

Ion	Ratio	Lower	Upper
50	100		
52	31.7	25.0	37.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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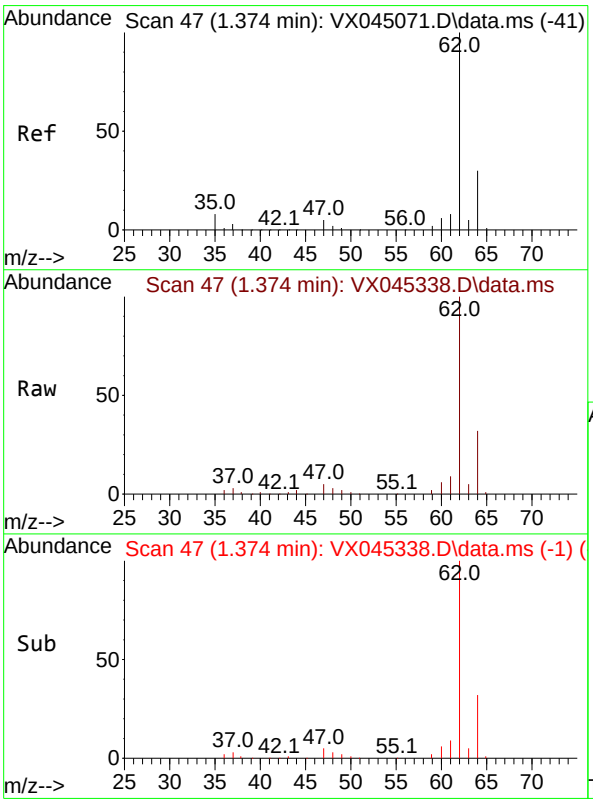
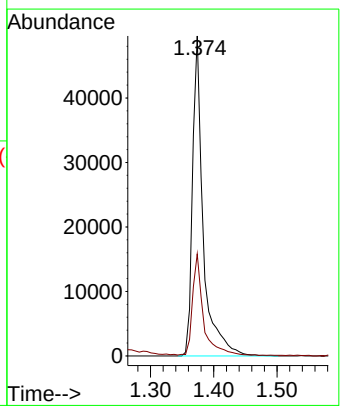
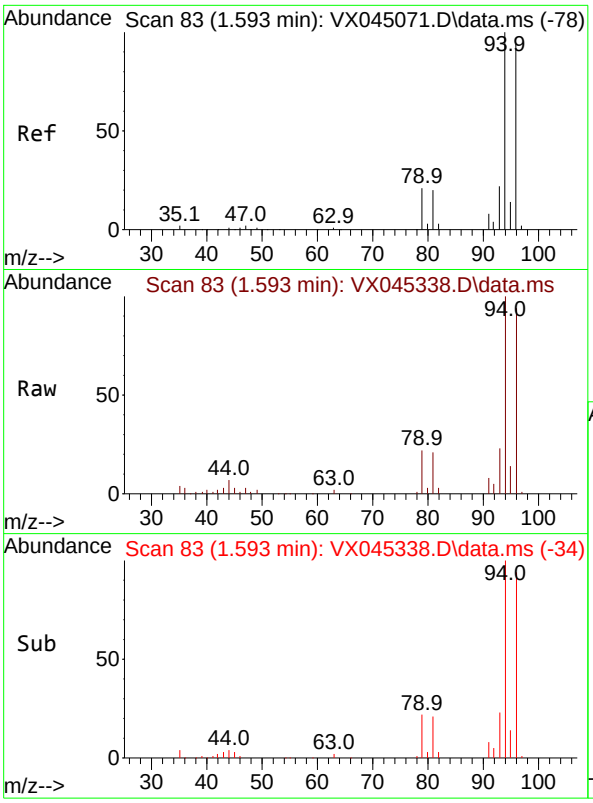


#4
Vinyl Chloride
Concen: 45.305 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 62 Resp: 58243

Ion	Ratio	Lower	Upper
62	100		
64	31.7	24.3	36.5

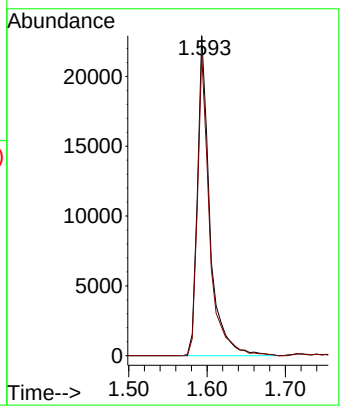




#5
Bromomethane
Concen: 49.983 ug/l
RT: 1.593 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 94 Resp: 2526

Ion	Ratio	Lower	Upper
94	100		
96	94.2	75.0	112.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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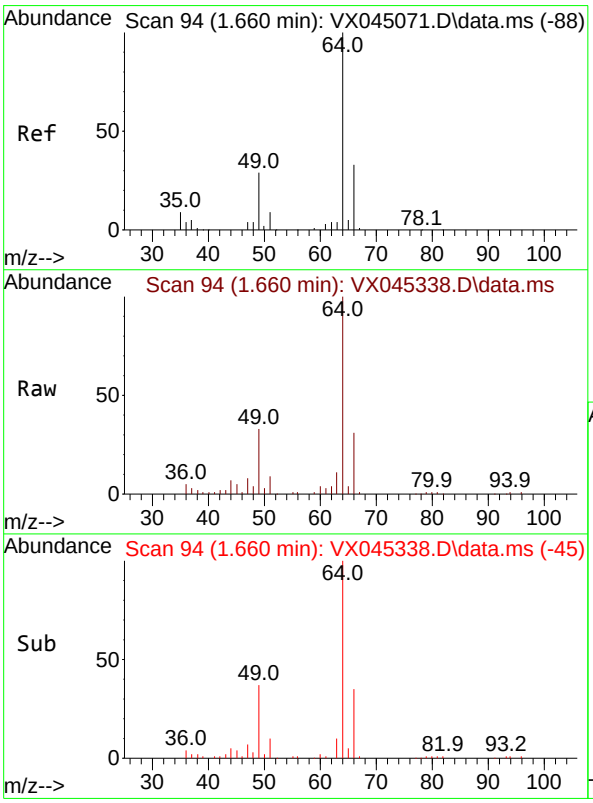
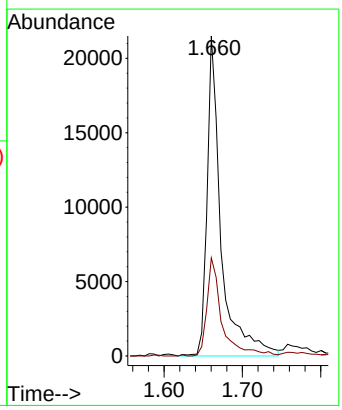
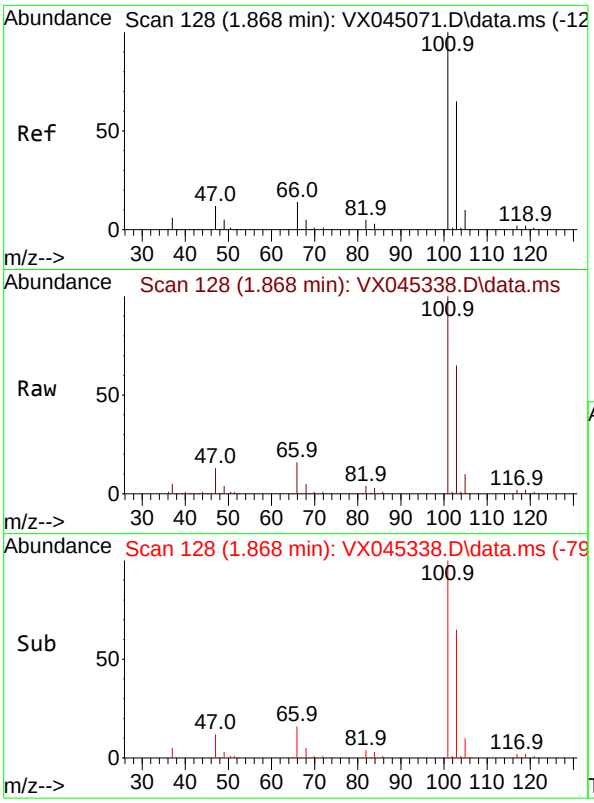


#6
Chloroethane
Concen: 44.936 ug/l
RT: 1.660 min Scan# 94
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 64 Resp: 26646

Ion	Ratio	Lower	Upper
64	100		
66	30.6	26.7	40.1





#7
Trichlorofluoromethane
Concen: 50.964 ug/l
RT: 1.868 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion:101 Resp: 8673

Ion	Ratio	Lower	Upper
101	100		
103	64.7	52.1	78.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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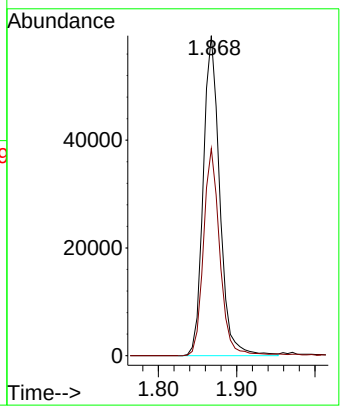
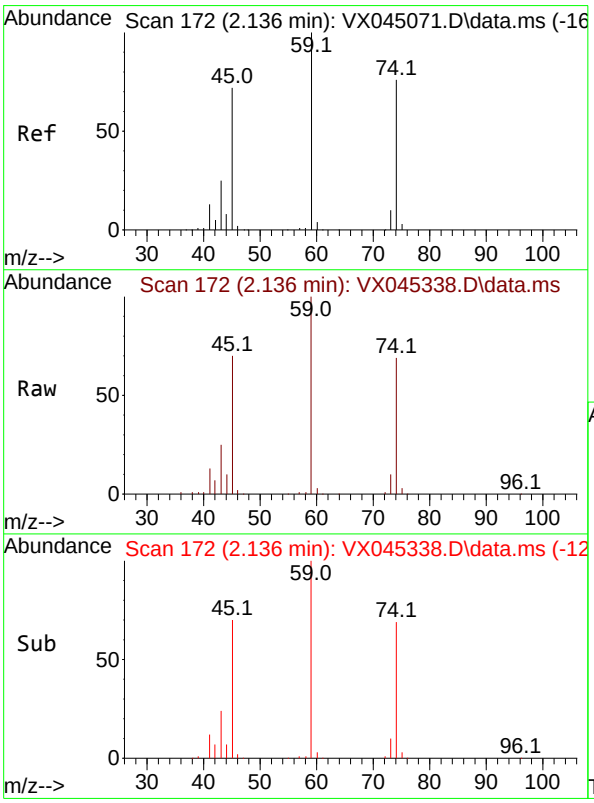
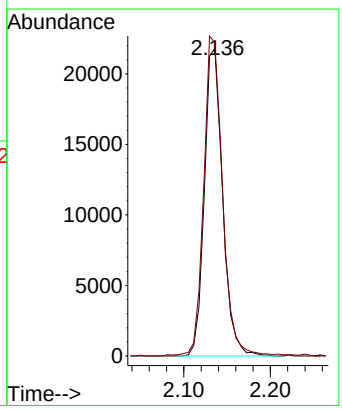


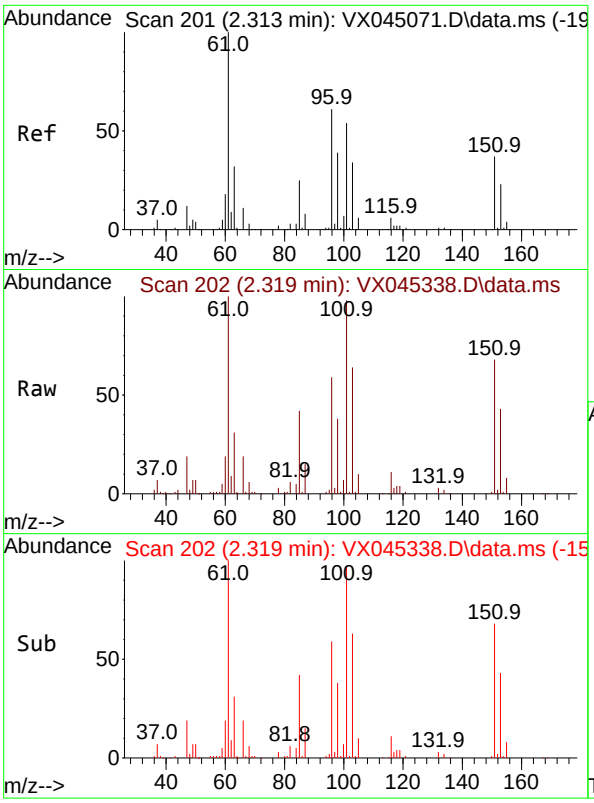


#8
Diethyl Ether
Concen: 47.945 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 74 Resp: 31915

Ion	Ratio	Lower	Upper
74	100		
45	107.5	51.5	154.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 57.352 ug/l
RT: 2.319 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 5607

Ion	Ratio	Lower	Upper
101	100		
85	45.0	36.2	54.4
151	69.2	56.4	84.6

Manual Integrations
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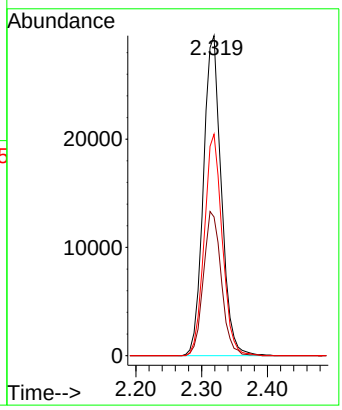
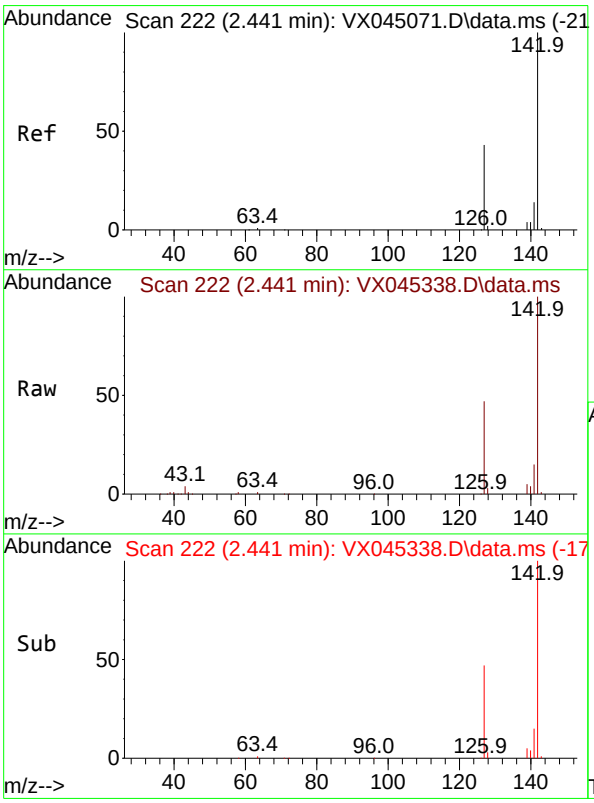
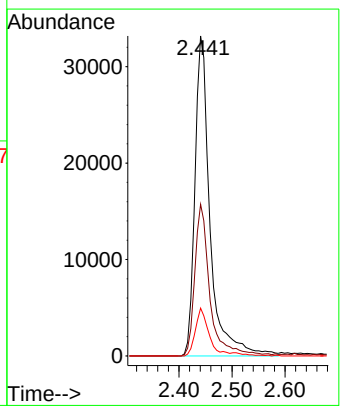


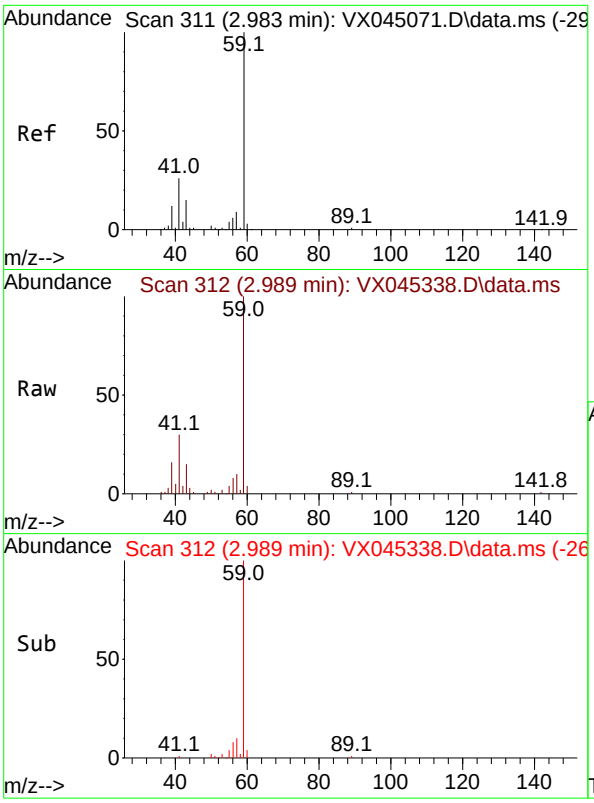


#10
Methyl Iodide
Concen: 53.969 ug/l
RT: 2.441 min Scan# 222
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion:142 Resp: 65943

Ion	Ratio	Lower	Upper
142	100		
127	47.2	35.4	53.2
141	14.2	11.6	17.4

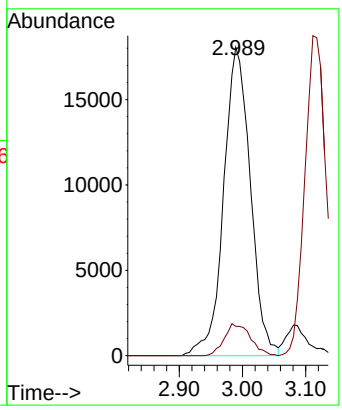




#11
Tert butyl alcohol
Concen: 209.210 ug/l
RT: 2.989 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 59 Resp: 5302

Ion	Ratio	Lower	Upper
59	100		
57	10.1	7.8	11.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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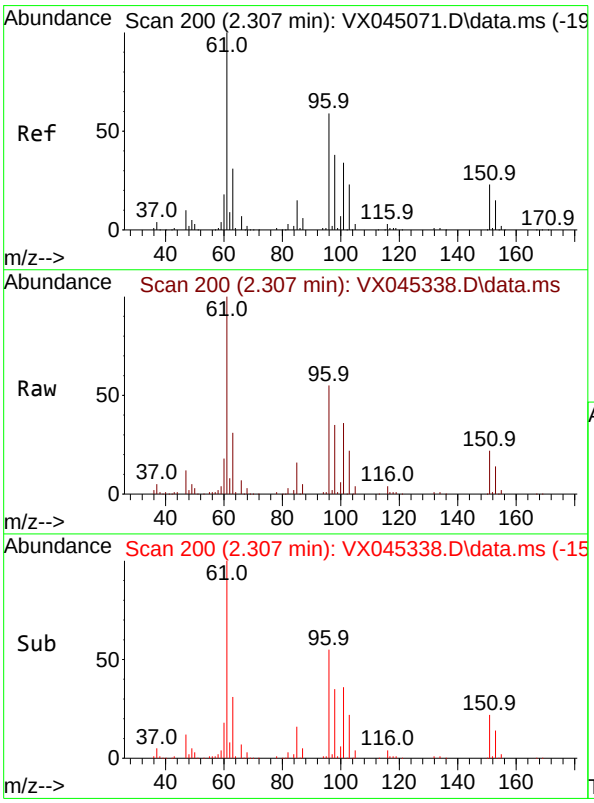
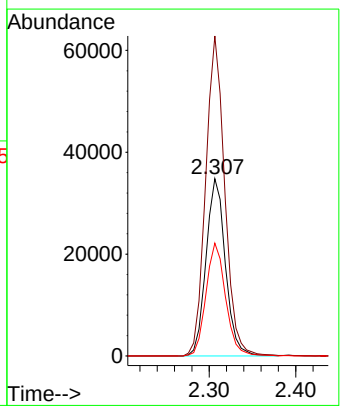
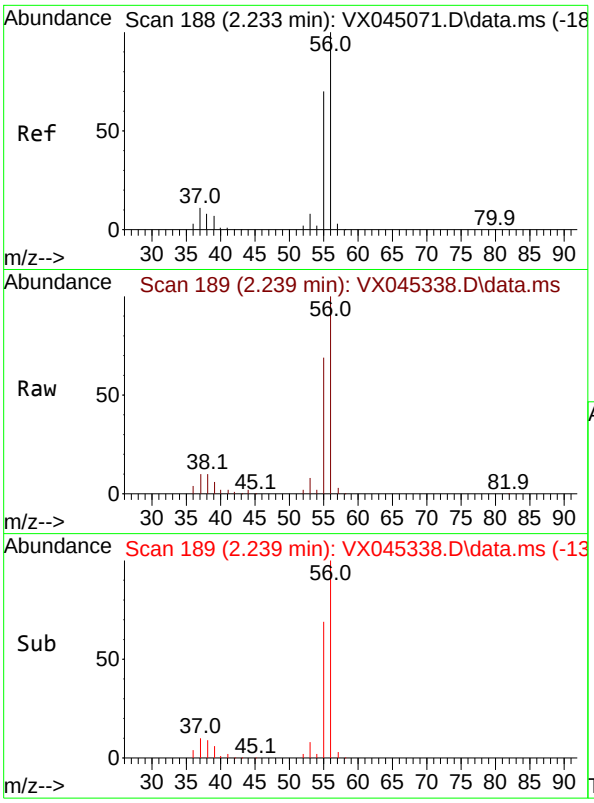


#12
1,1-Dichloroethene
Concen: 52.468 ug/l
RT: 2.307 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 96 Resp: 54237

Ion	Ratio	Lower	Upper
96	100		
61	180.5	134.6	202.0
98	63.7	51.0	76.6

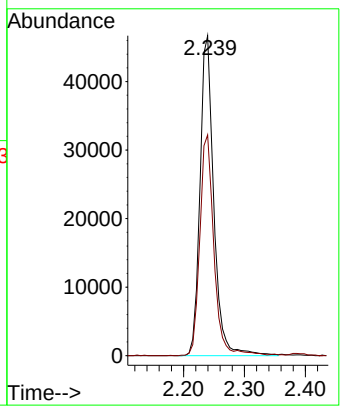




#13
Acrolein
Concen: 250.658 ug/l
RT: 2.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 56 Resp: 7344

Ion	Ratio	Lower	Upper
56	100		
55	70.6	56.2	84.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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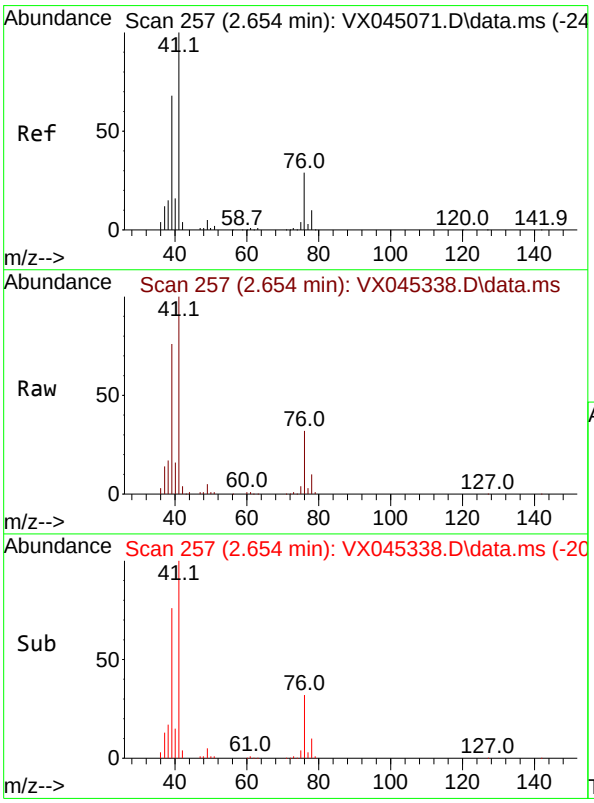
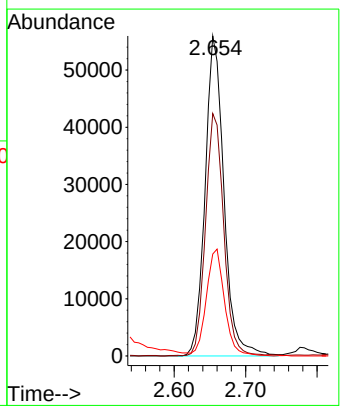
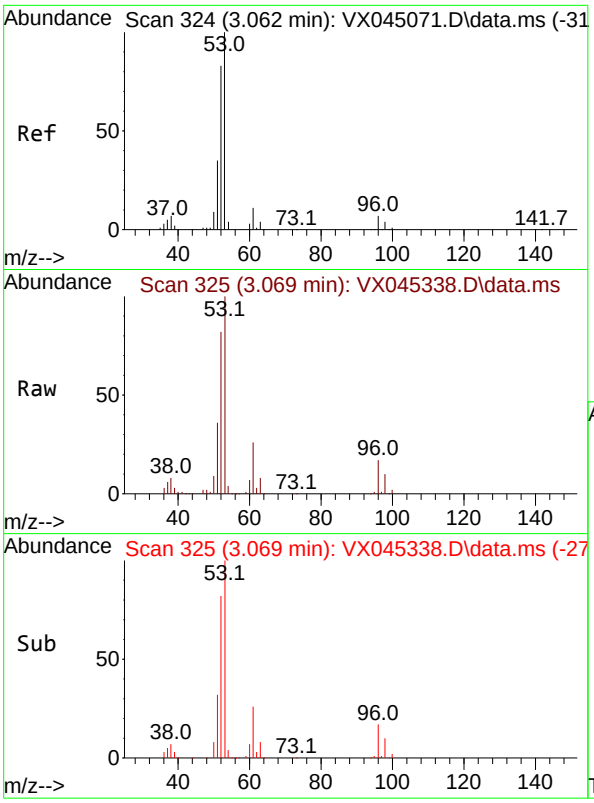


#14
Allyl chloride
Concen: 55.680 ug/l
RT: 2.654 min Scan# 257
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 41 Resp: 102455

Ion	Ratio	Lower	Upper
41	100		
39	73.2	53.8	80.8
76	32.3	25.2	37.8





#15
Acrylonitrile
Concen: 259.486 ug/l
RT: 3.069 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 53 Resp: 17627

Ion	Ratio	Lower	Upper
53	100		
52	83.8	66.2	99.2
51	36.7	29.0	43.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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Reviewed By :John Carlone 03/19/2025
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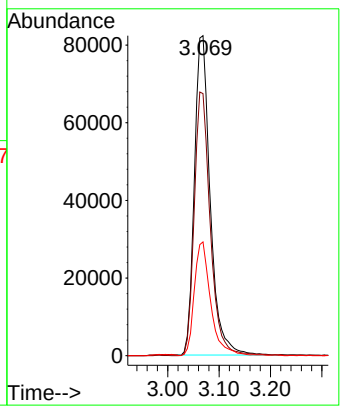
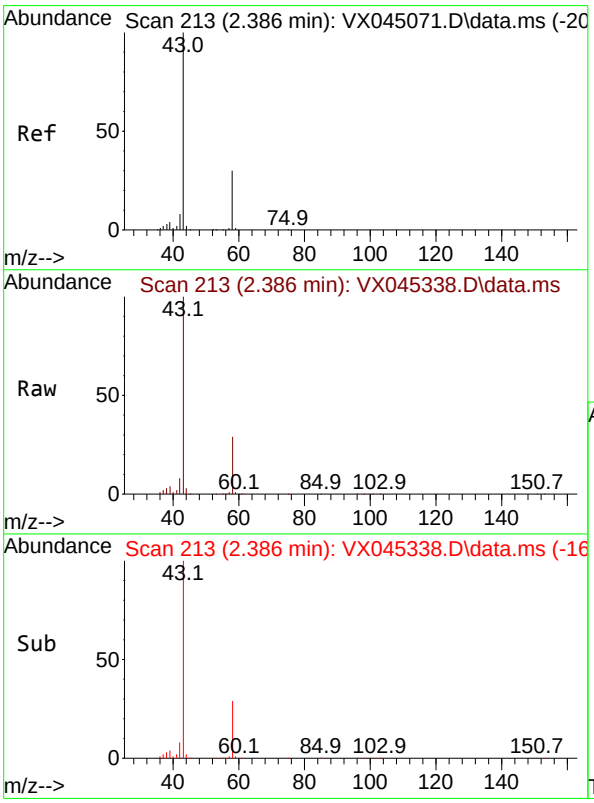
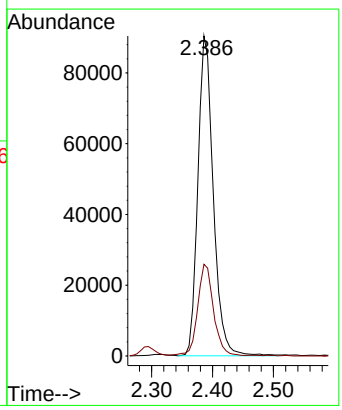


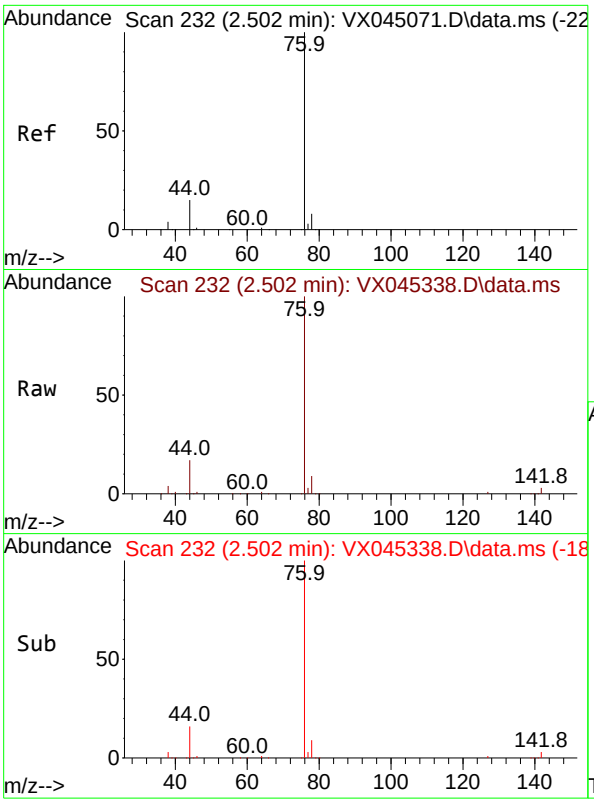


#16
Acetone
Concen: 255.968 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 43 Resp: 158918

Ion	Ratio	Lower	Upper
43	100		
58	28.6	24.2	36.4

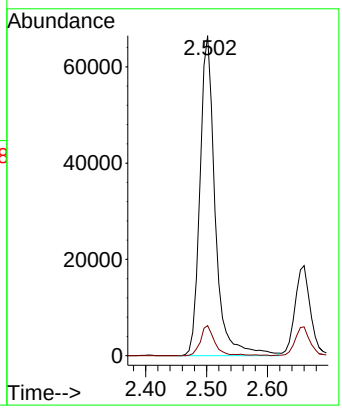




#17
Carbon Disulfide
Concen: 42.049 ug/l
RT: 2.502 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 76 Resp: 11577

Ion	Ratio	Lower	Upper
76	100		
78	9.4	6.6	9.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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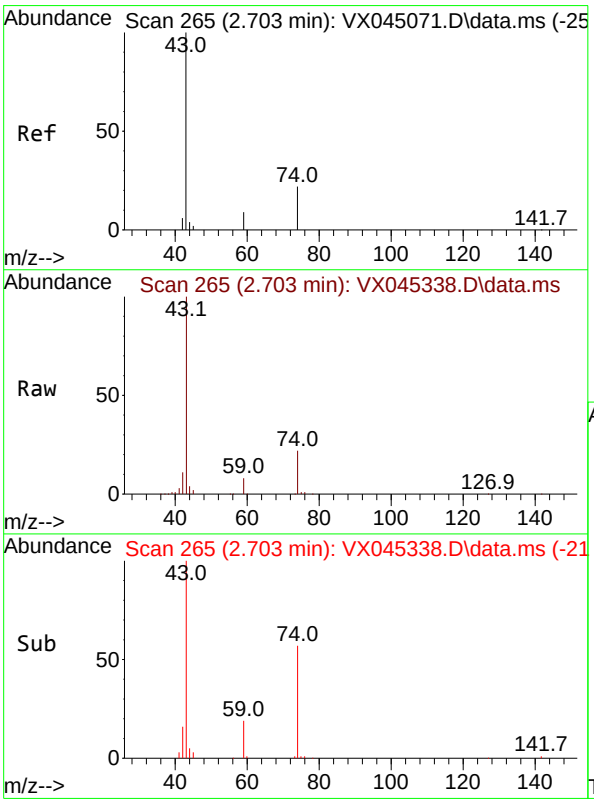
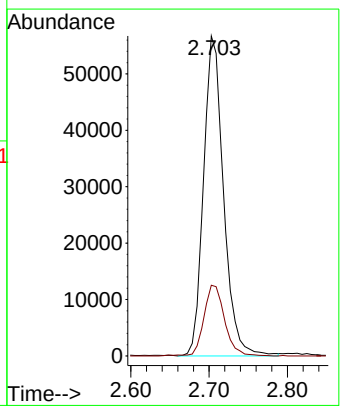
Supervised By :Mahesh Dadoda 03/19/2025

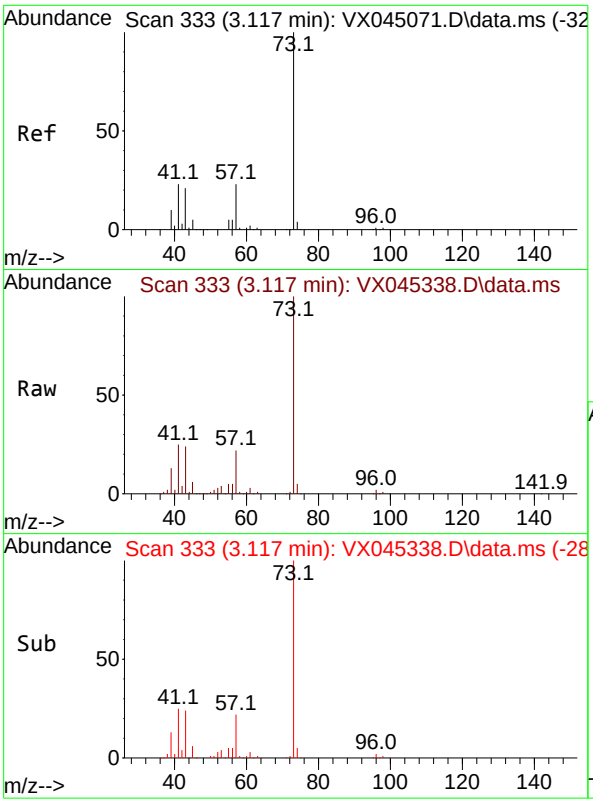


#18
Methyl Acetate
Concen: 67.463 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 43 Resp: 100760

Ion	Ratio	Lower	Upper
43	100		
74	22.9	17.4	26.2





#19
Methyl tert-butyl Ether
Concen: 56.941 ug/l
RT: 3.117 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 73 Resp: 19747

Ion	Ratio	Lower	Upper
73	100		
57	21.8	18.5	27.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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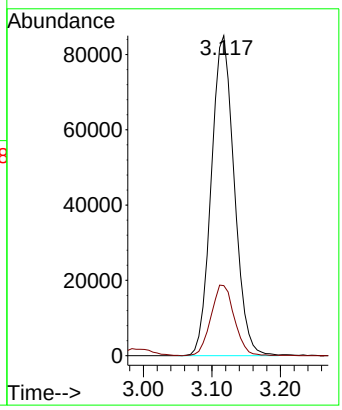
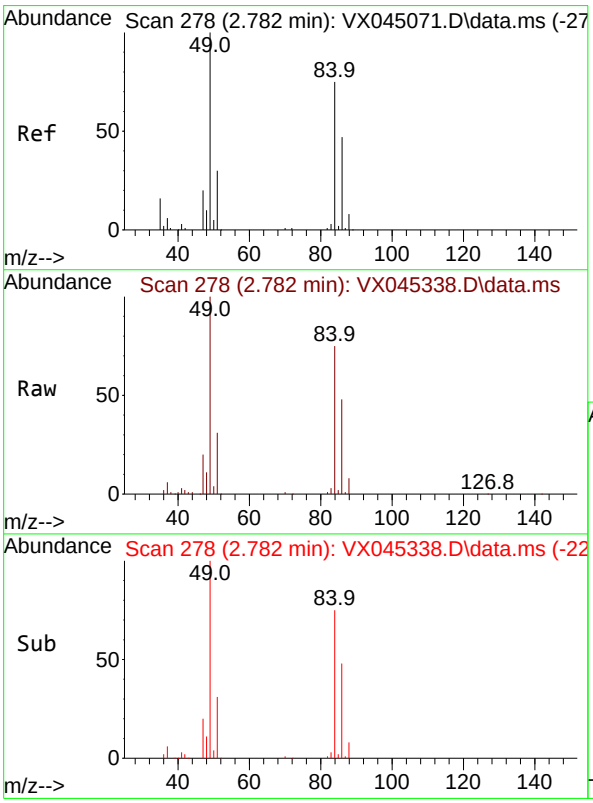
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

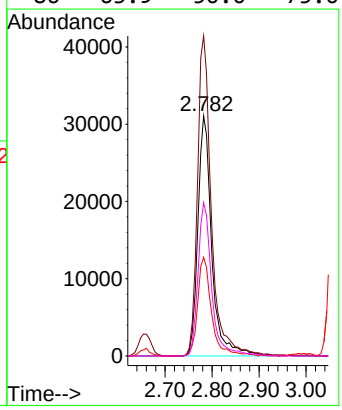


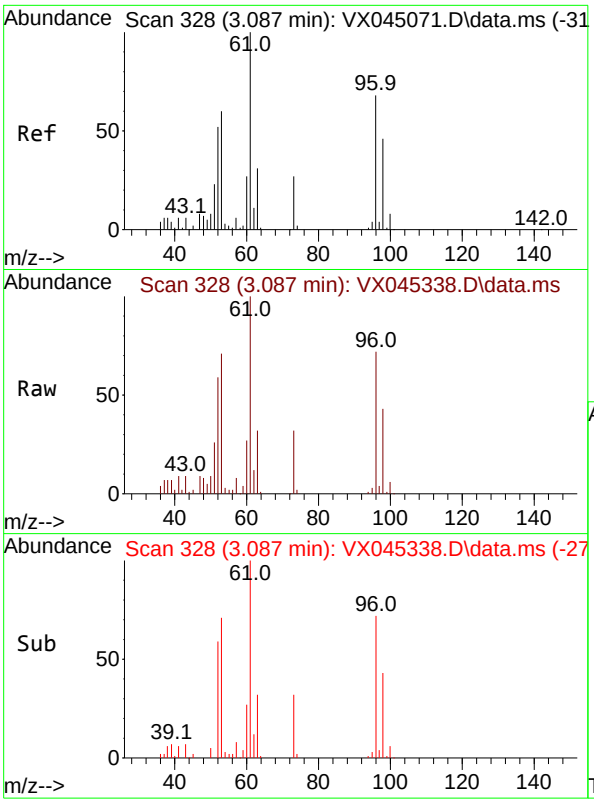


#20
Methylene Chloride
Concen: 52.125 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 84 Resp: 64105

Ion	Ratio	Lower	Upper
84	100		
49	133.3	106.5	159.7
51	41.1	32.1	48.1
86	63.9	50.0	75.0





#21
trans-1,2-Dichloroethene
Concen: 53.680 ug/l
RT: 3.087 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 96 Resp: 5482

Ion	Ratio	Lower	Upper
96	100		
61	139.1	117.0	175.4
98	60.4	53.4	80.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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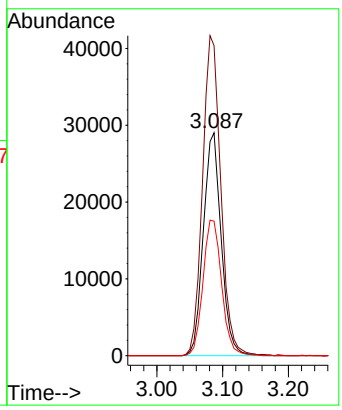
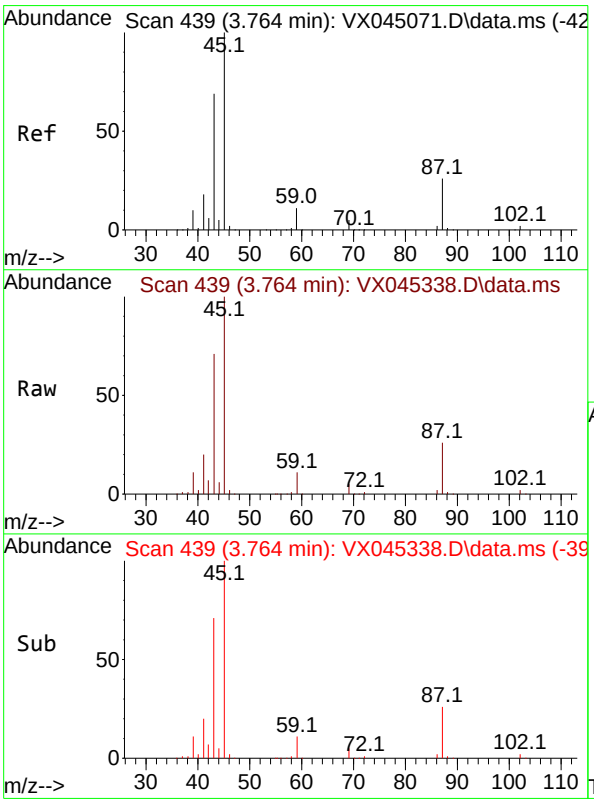
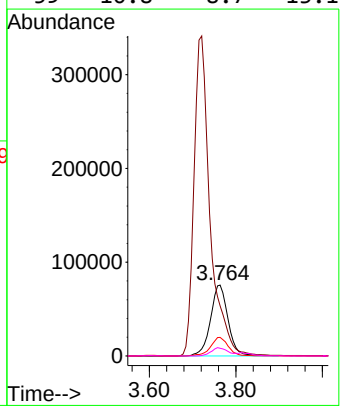


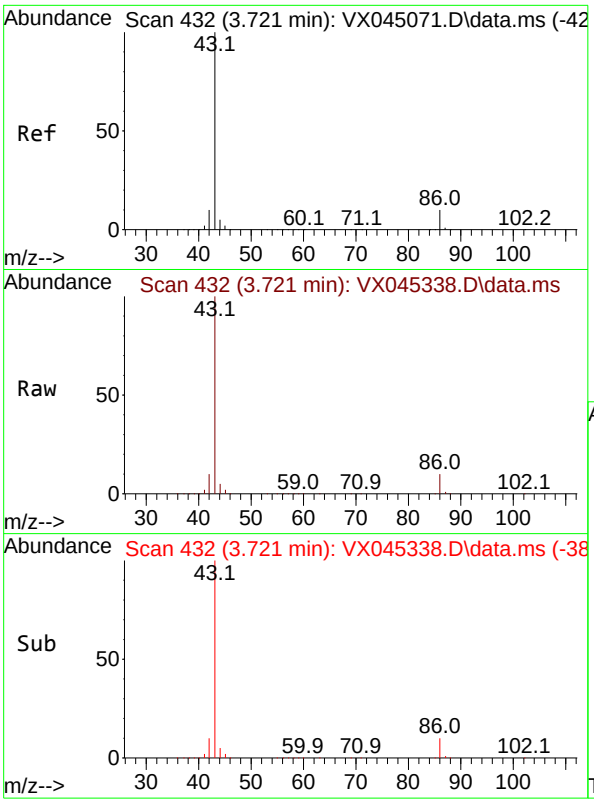


#22
Diisopropyl ether
Concen: 56.869 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 45 Resp: 212818

Ion	Ratio	Lower	Upper
45	100		
43	70.7	54.9	82.3
87	26.3	21.0	31.4
59	10.8	8.7	13.1





#23
Vinyl Acetate
Concen: 283.056 ug/l
RT: 3.721 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 43 Resp: 88396

Ion	Ratio	Lower	Upper
43	100		
86	9.8	8.1	12.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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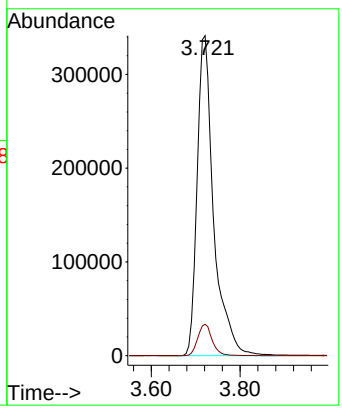
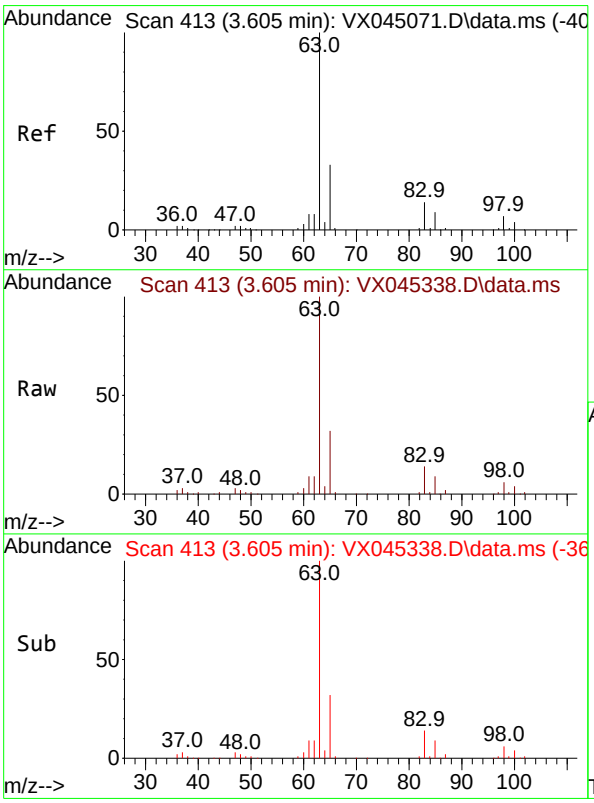
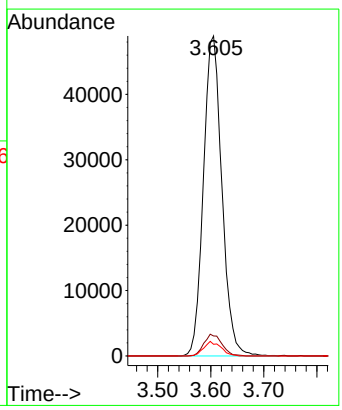


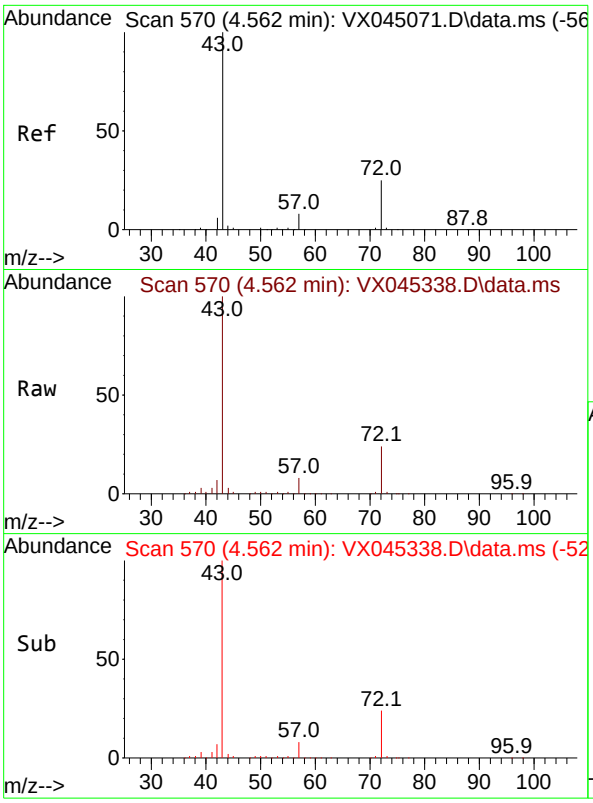


#24
1,1-Dichloroethane
Concen: 56.414 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 63 Resp: 118316

Ion	Ratio	Lower	Upper
63	100		
98	6.2	3.4	10.2
100	3.6	2.1	6.5





#25
2-Butanone
Concen: 265.213 ug/l
RT: 4.562 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 43 Resp: 24785

Ion	Ratio	Lower	Upper
43	100		
72	23.7	20.0	30.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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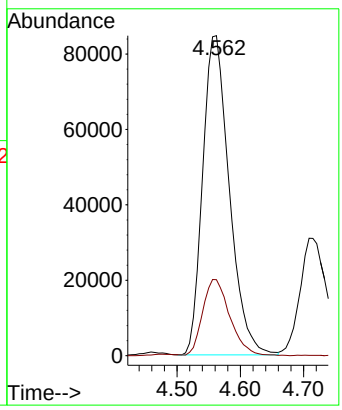
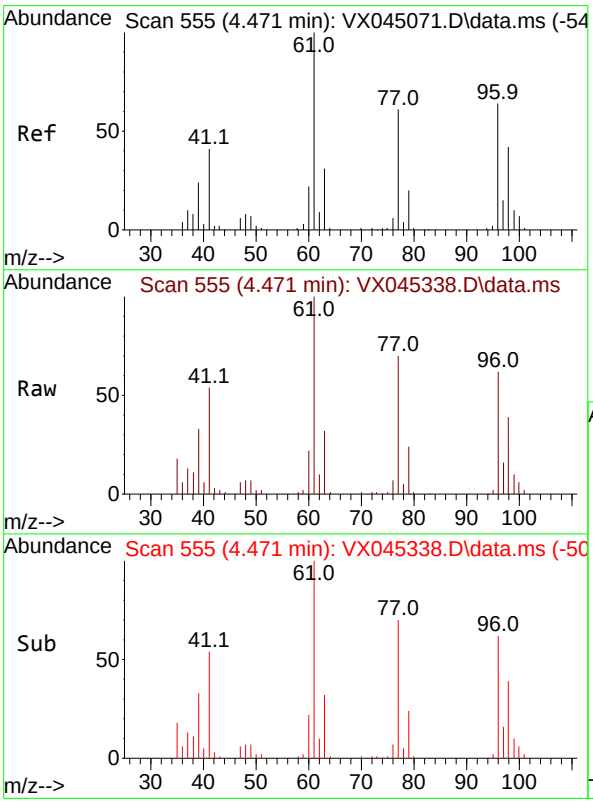
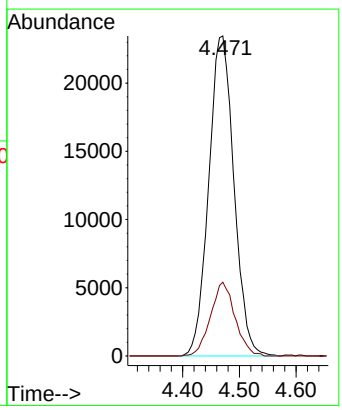


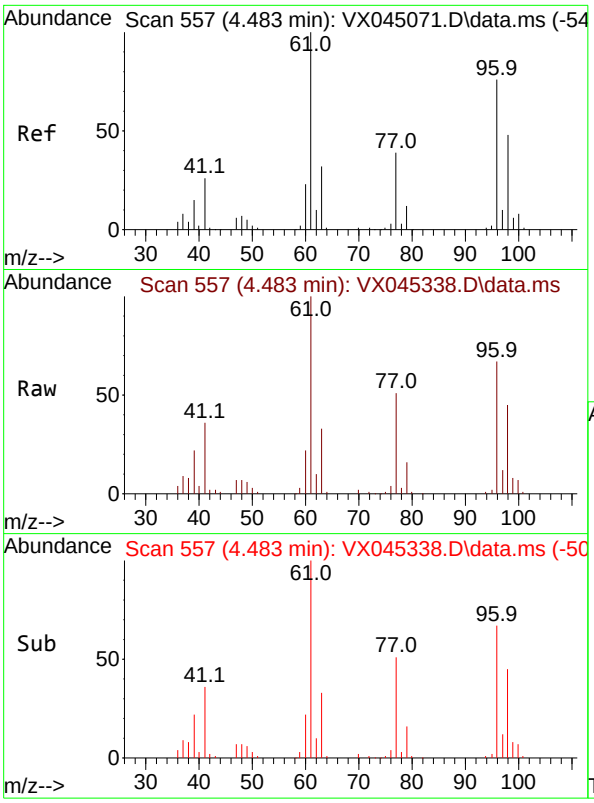


#26
2,2-Dichloropropane
Concen: 73.651 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 77 Resp: 72453

Ion	Ratio	Lower	Upper
77	100		
97	22.4	12.4	37.0

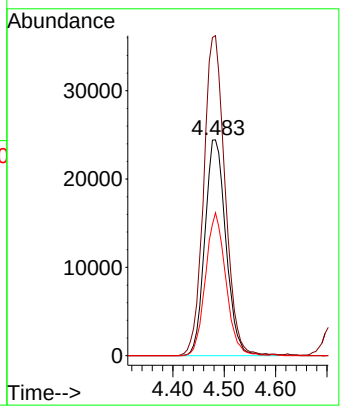




#27
cis-1,2-Dichloroethene
Concen: 55.166 ug/l
RT: 4.483 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 96 Resp: 6954

Ion	Ratio	Lower	Upper
96	100		
61	150.5	0.0	283.2
98	63.9	0.0	128.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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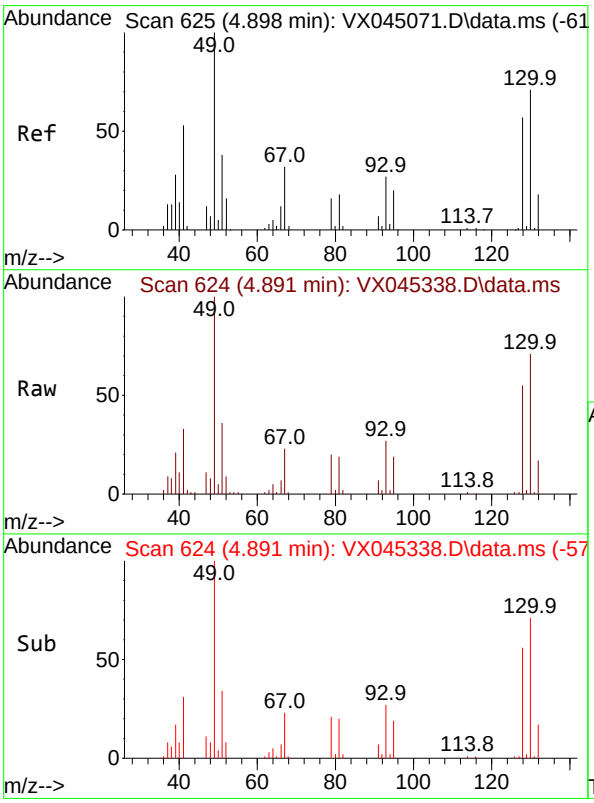
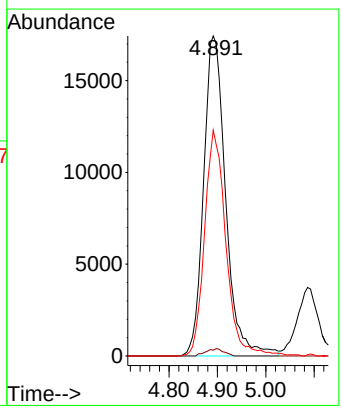
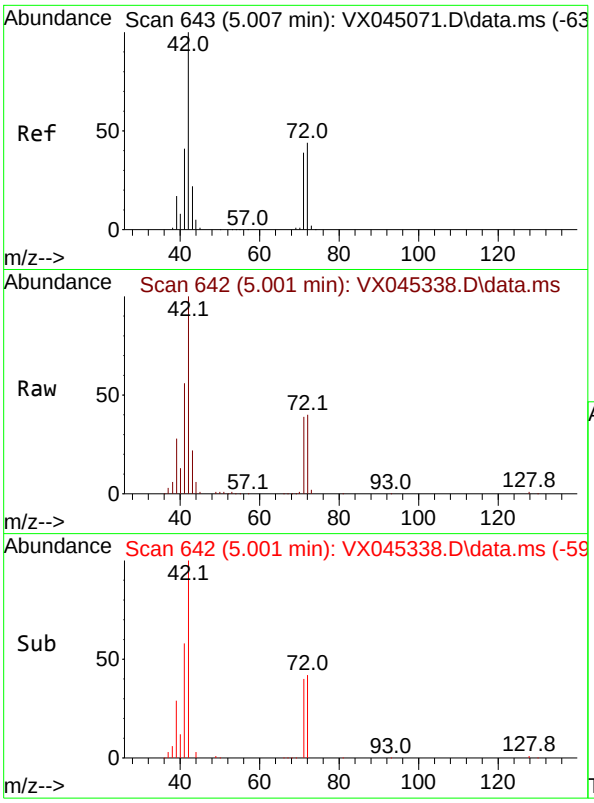


#28
Bromochloromethane
Concen: 55.186 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 49 Resp: 55167

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.4
130	68.4	56.1	84.1





#29
Tetrahydrofuran
Concen: 254.403 ug/l
RT: 5.001 min Scan# 64
Delta R.T. -0.006 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 42 Resp: 15966

Ion	Ratio	Lower	Upper
42	100		
72	42.9	34.1	51.1
71	39.7	31.4	47.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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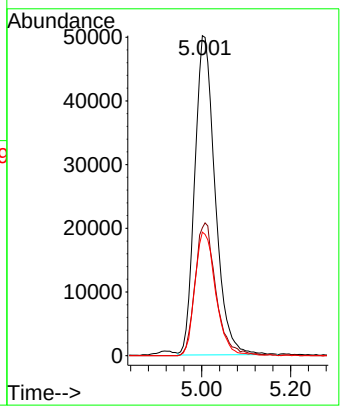
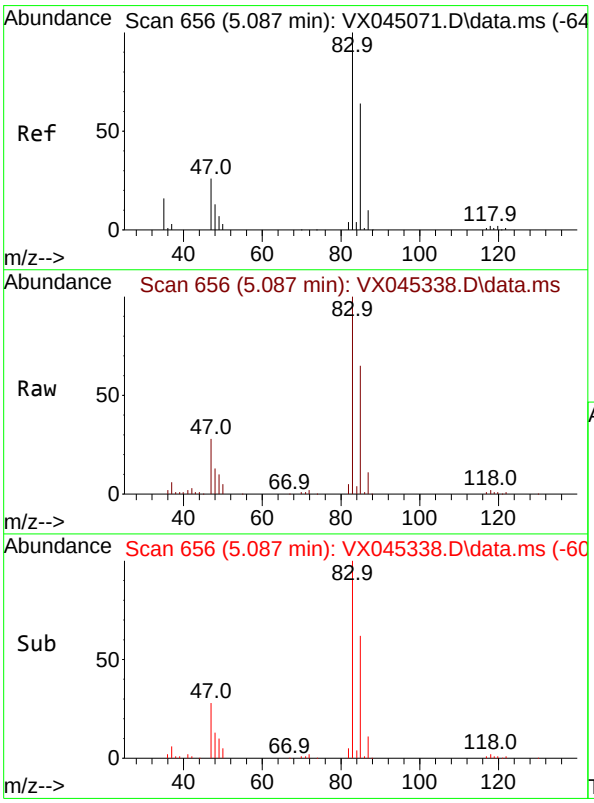
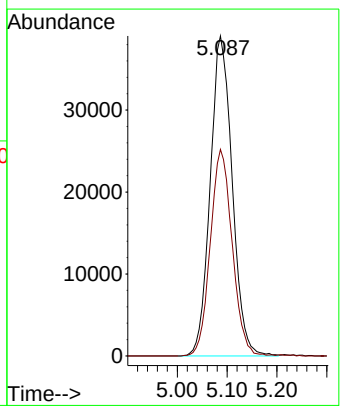


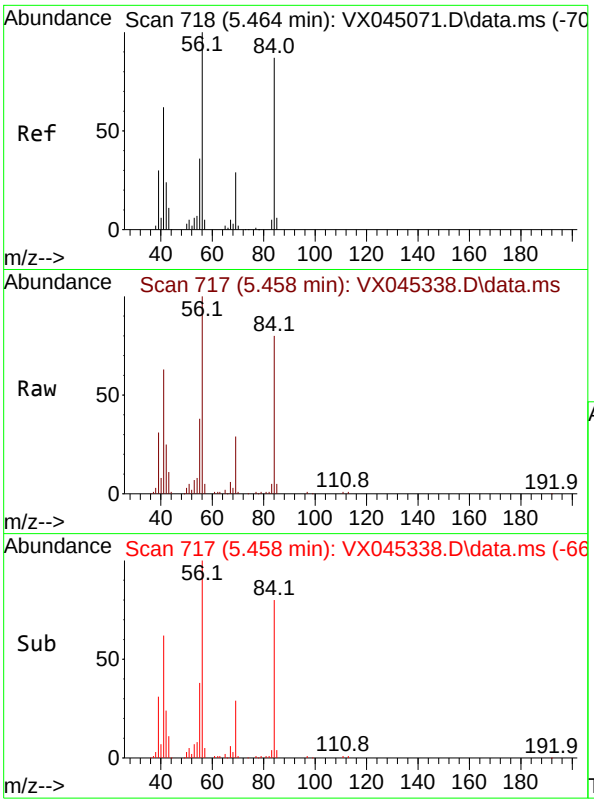


#30
Chloroform
Concen: 57.373 ug/l
RT: 5.087 min Scan# 656
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 83 Resp: 119558

Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.4	77.2

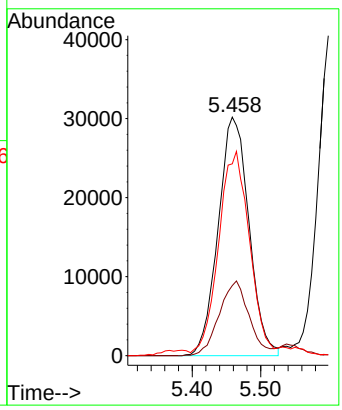




#31
Cyclohexane
Concen: 51.717 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 56 Resp: 9415

Ion	Ratio	Lower	Upper
56	100		
69	29.3	23.4	35.2
84	78.3	69.4	104.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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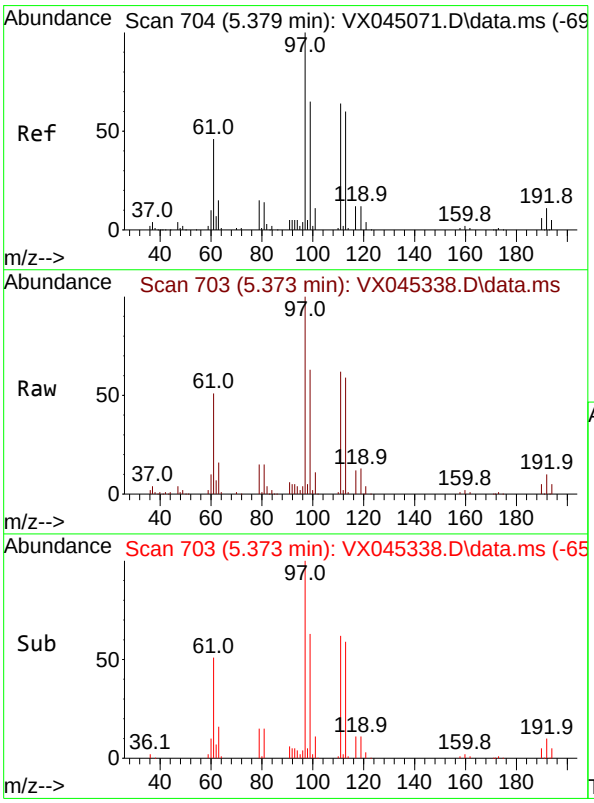
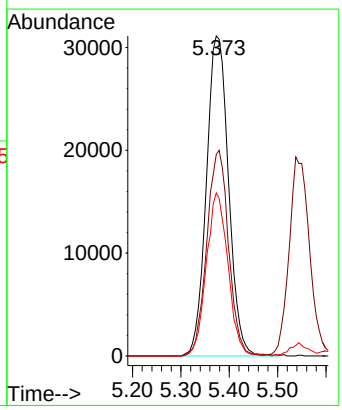
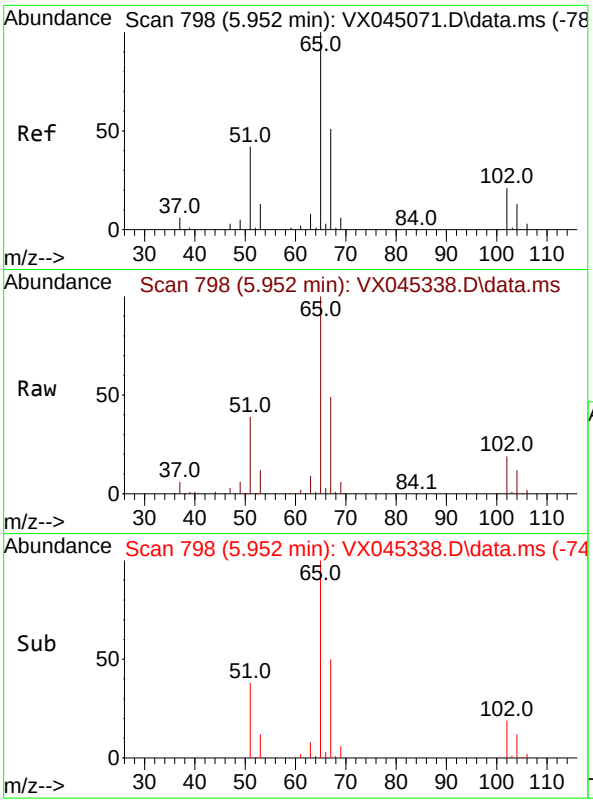


#32
1,1,1-Trichloroethane
Concen: 58.821 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 97 Resp: 98999

Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.6	77.4
61	49.9	38.4	57.6

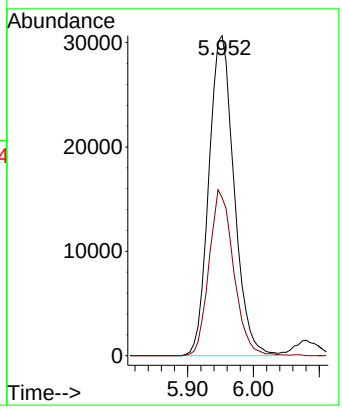




#33
1,2-Dichloroethane-d4
Concen: 61.200 ug/l
RT: 5.952 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 65 Resp: 8189

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	106.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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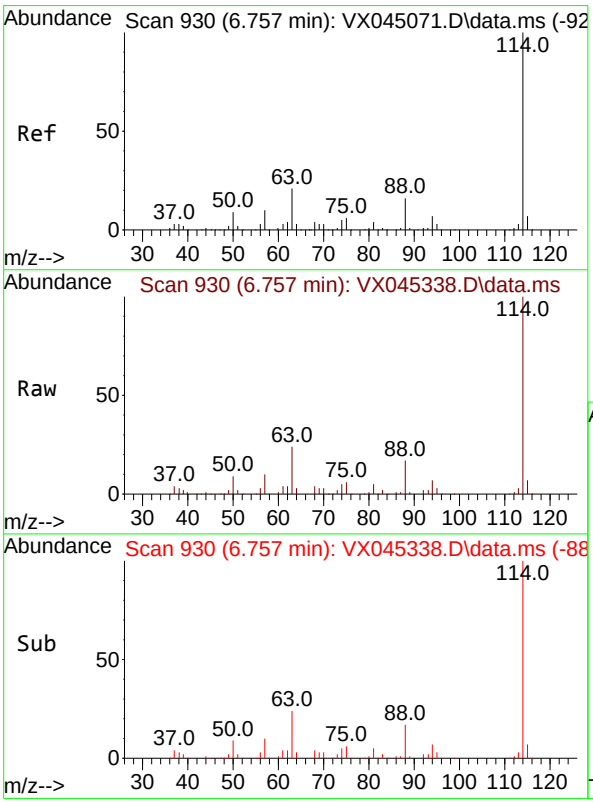
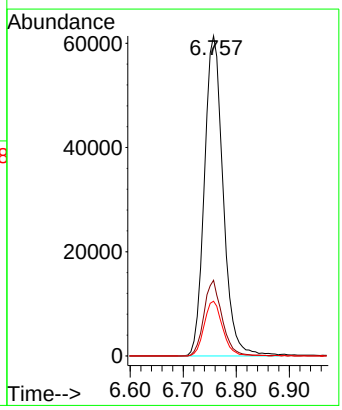
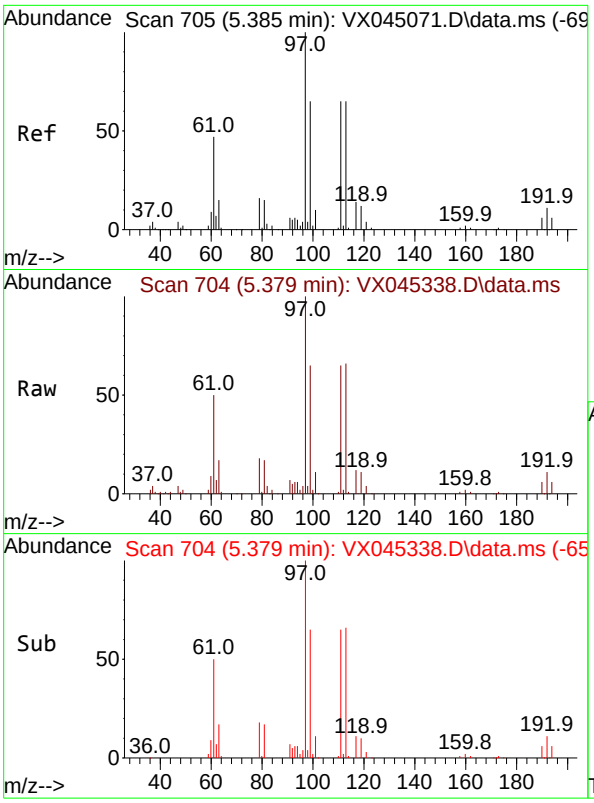


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion:114 Resp: 150662

Ion	Ratio	Lower	Upper
114	100		
63	23.7	0.0	41.8
88	17.1	0.0	32.8

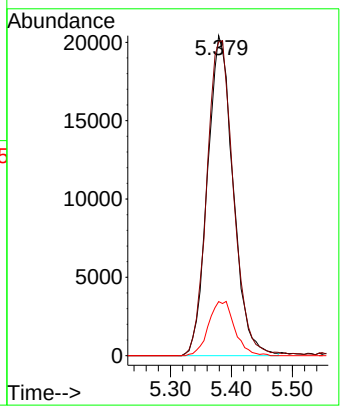




#35
Dibromofluoromethane
Concen: 59.296 ug/l
RT: 5.379 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion:113 Resp: 5973

Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.8	122.6
192	17.2	14.3	21.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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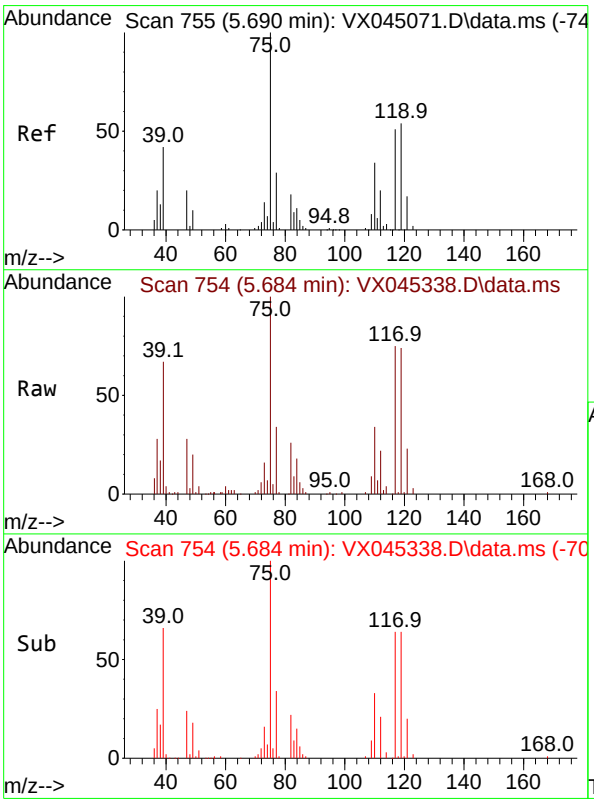
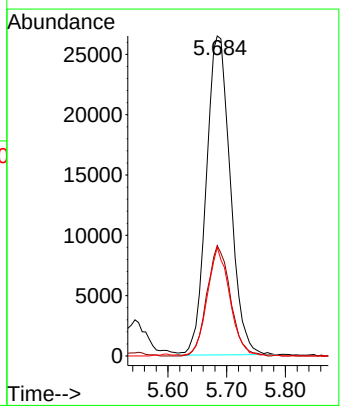
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

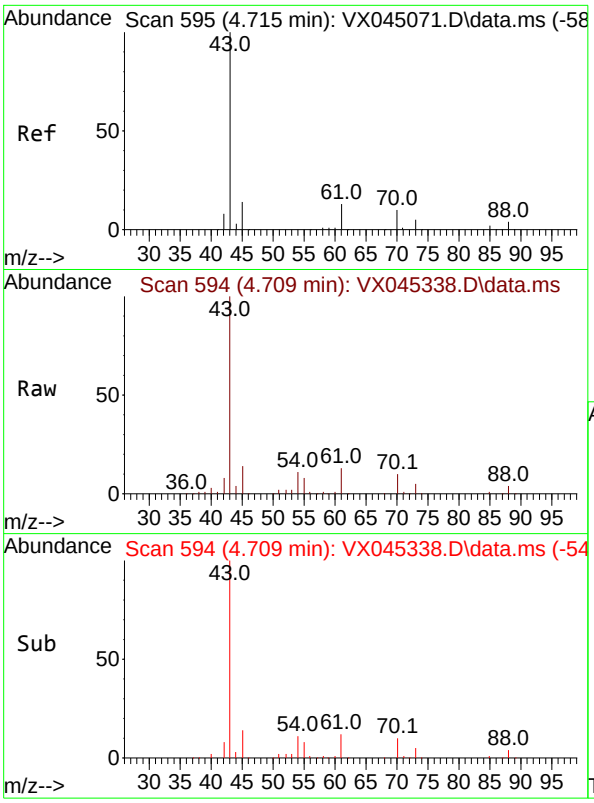


#36
1,1-Dichloropropene
Concen: 54.316 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 75 Resp: 75043

Ion	Ratio	Lower	Upper
75	100		
110	33.8	16.9	50.6
77	32.2	24.5	36.7

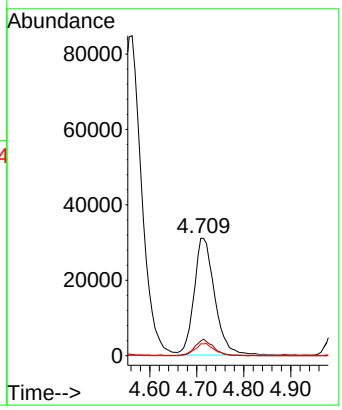




#37
Ethyl Acetate
Concen: 53.112 ug/l
RT: 4.709 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 43 Resp: 9455

Ion	Ratio	Lower	Upper
43	100		
61	12.7	10.8	16.2
70	9.7	7.7	11.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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Reviewed By :John Carlone 03/19/2025
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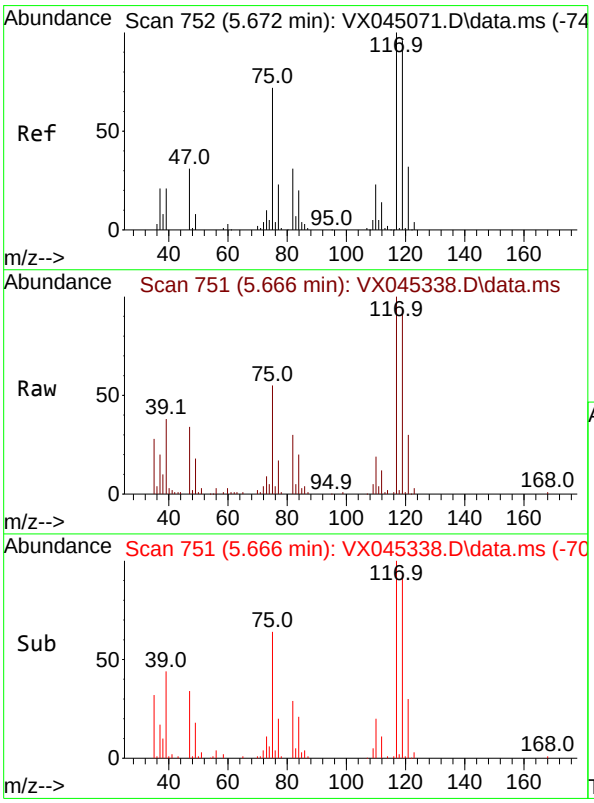
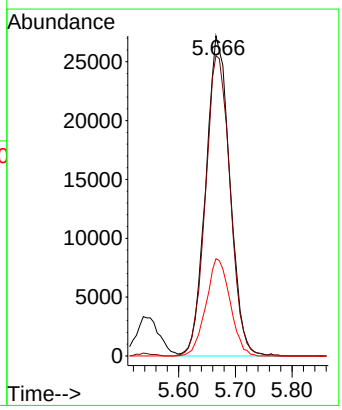
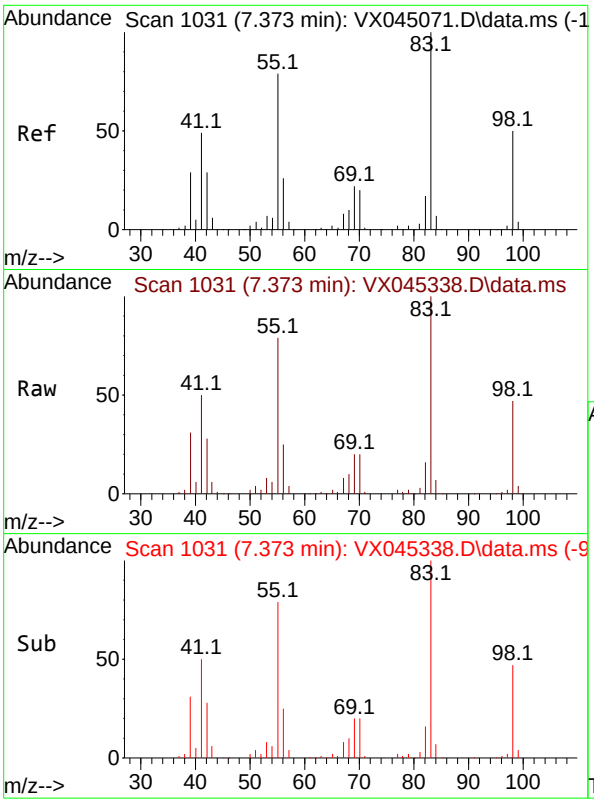


#38
Carbon Tetrachloride
Concen: 57.276 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion:117 Resp: 80339

Ion	Ratio	Lower	Upper
117	100		
119	93.5	76.7	115.1
121	30.4	25.5	38.3

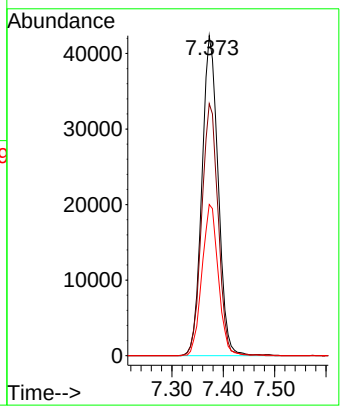




#39
Methylcyclohexane
Concen: 56.101 ug/l
RT: 7.373 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 83 Resp: 9287

Ion	Ratio	Lower	Upper
83	100		
55	78.8	63.0	94.4
98	47.3	39.7	59.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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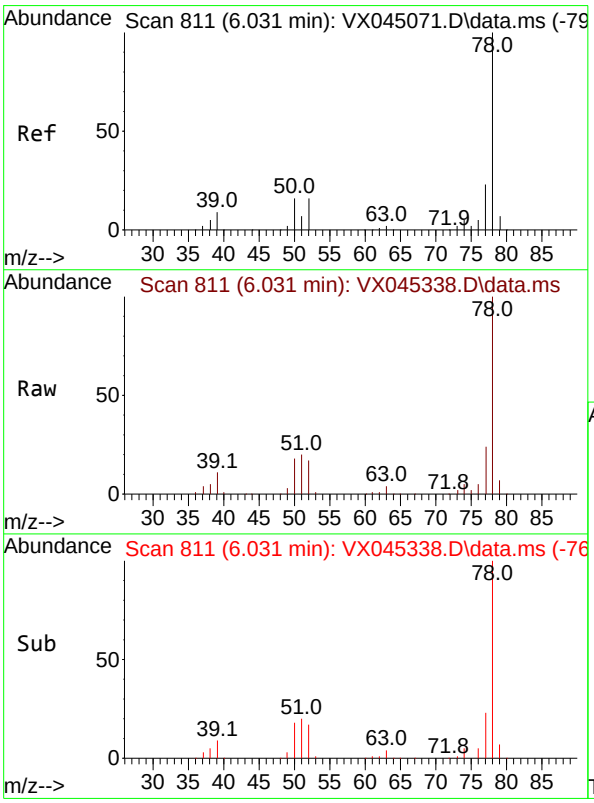
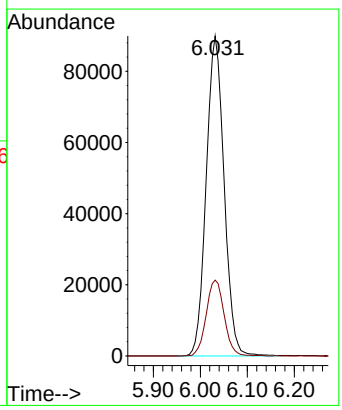
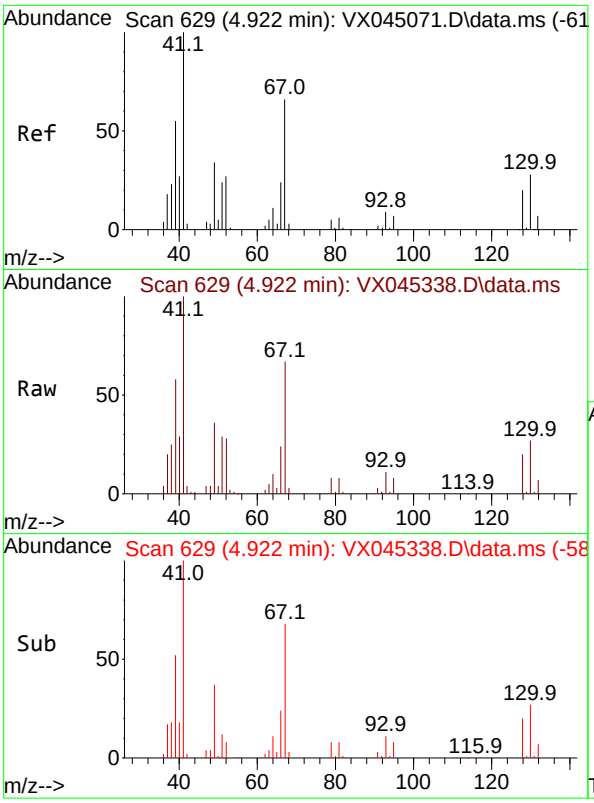


#40
Benzene
Concen: 54.440 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 78 Resp: 237509

Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.8	28.2

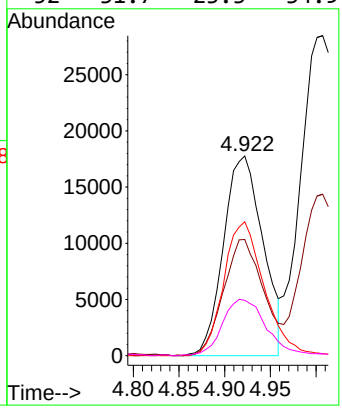




#41
Methacrylonitrile
Concen: 55.396 ug/l
RT: 4.922 min Scan# 6
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 41 Resp: 5332

Ion	Ratio	Lower	Upper
41	100		
39	60.0	44.6	67.0
67	69.2	53.9	80.9
52	31.7	23.3	34.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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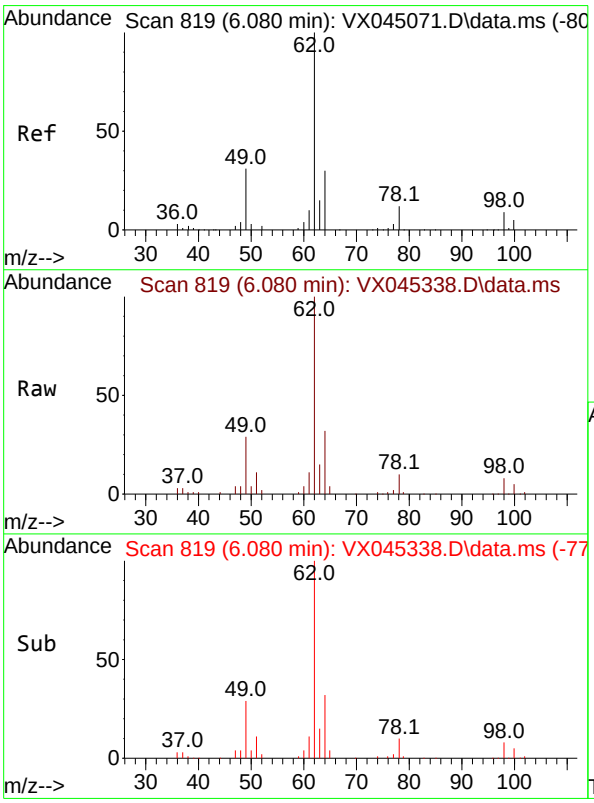
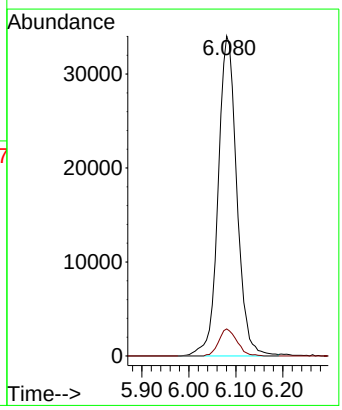
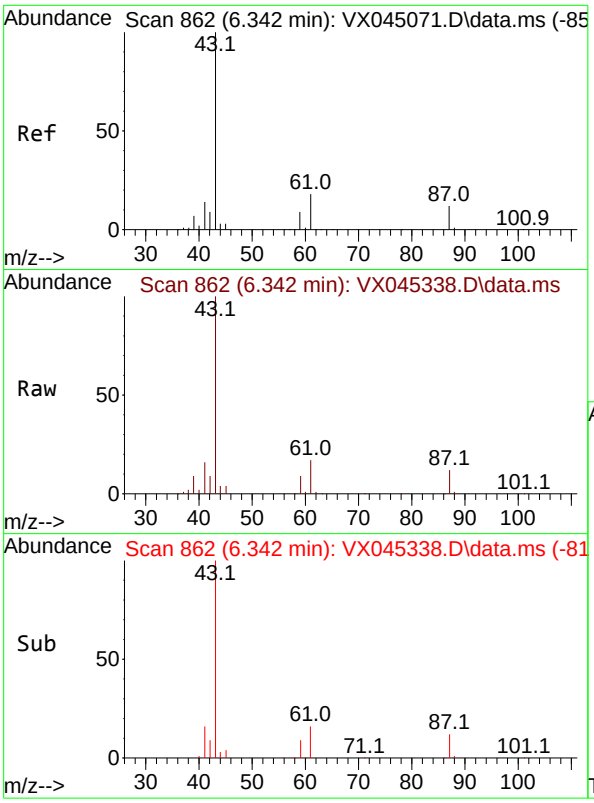


#42
1,2-Dichloroethane
Concen: 59.907 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 62 Resp: 94116

Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	18.2





#43
Isopropyl Acetate
Concen: 57.177 ug/l
RT: 6.342 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 43 Resp: 15051

Ion	Ratio	Lower	Upper
43	100		
61	17.9	14.9	22.3
87	12.0	9.4	14.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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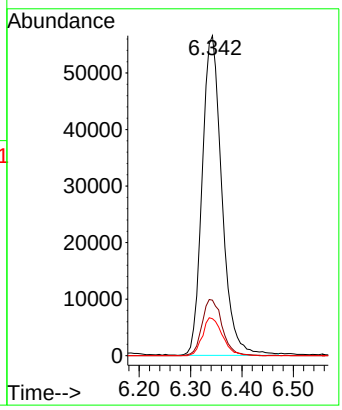
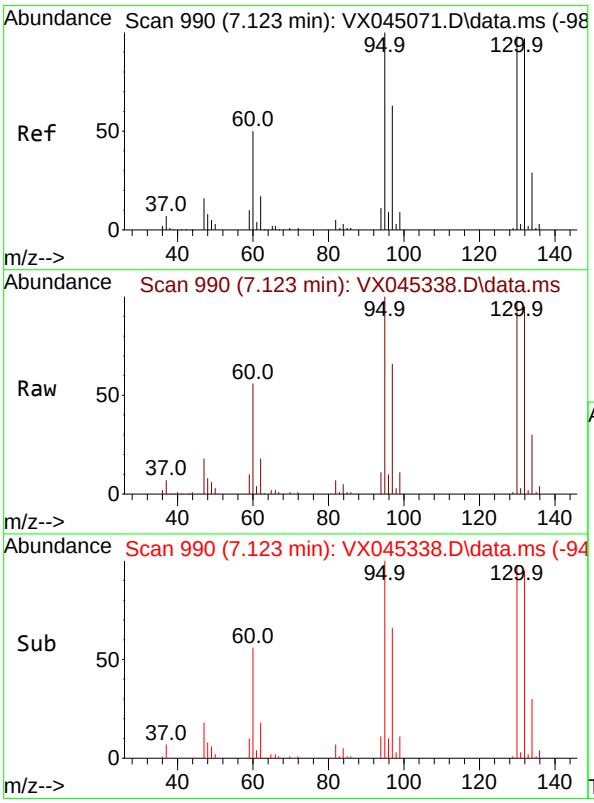
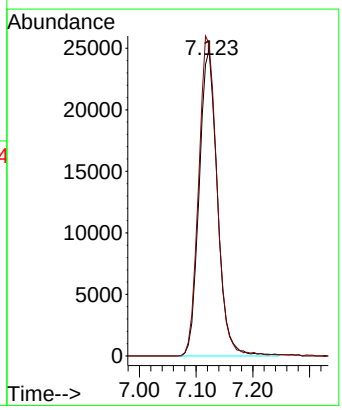


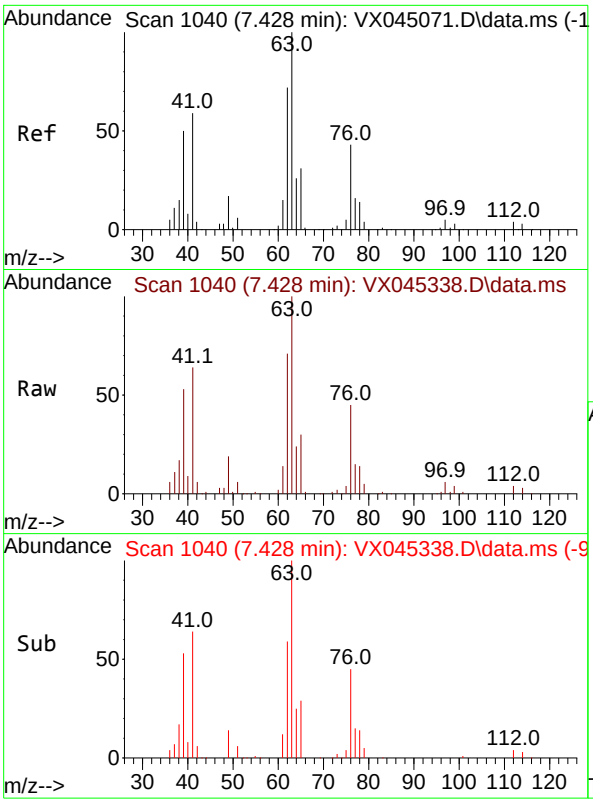


#44
Trichloroethene
Concen: 54.201 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion:130 Resp: 55524

Ion	Ratio	Lower	Upper
130	100		
95	101.9	0.0	205.0

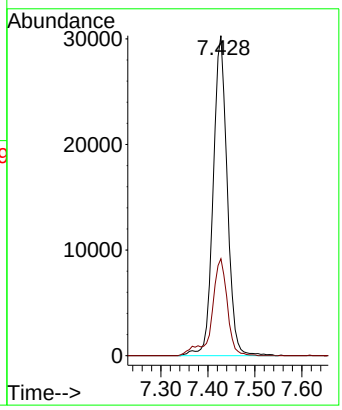




#45
1,2-Dichloropropane
Concen: 56.158 ug/l
RT: 7.428 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 63 Resp: 6299

Ion	Ratio	Lower	Upper
63	100		
65	30.3	24.7	37.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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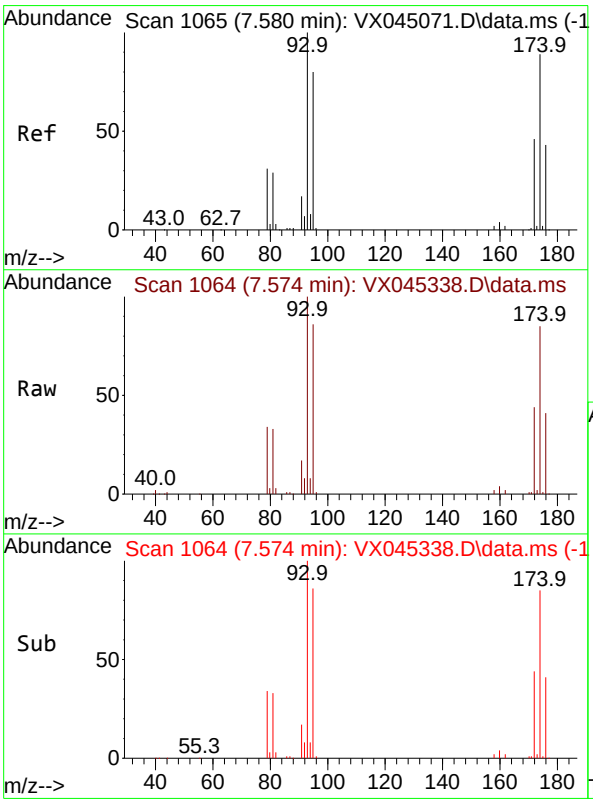
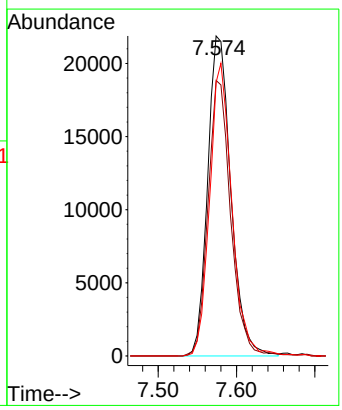
Supervised By :Mahesh Dadoda 03/19/2025

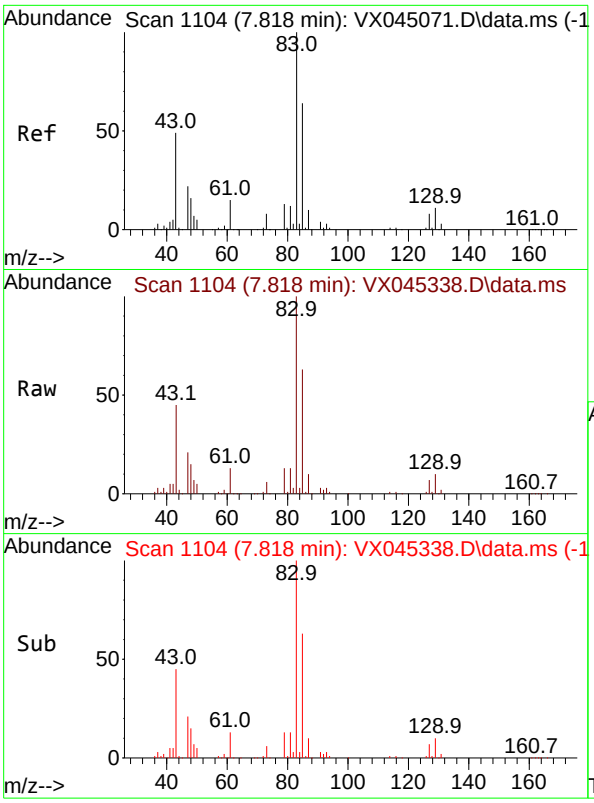


#46
Dibromomethane
Concen: 56.759 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 93 Resp: 45001

Ion	Ratio	Lower	Upper
93	100		
95	84.1	65.8	98.8
174	87.8	72.2	108.2

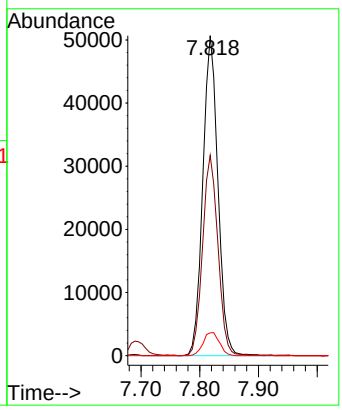




#47
Bromodichloromethane
Concen: 58.336 ug/l
RT: 7.818 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 83 Resp: 9072

Ion	Ratio	Lower	Upper
83	100		
85	62.6	51.1	76.7
127	7.1	6.4	9.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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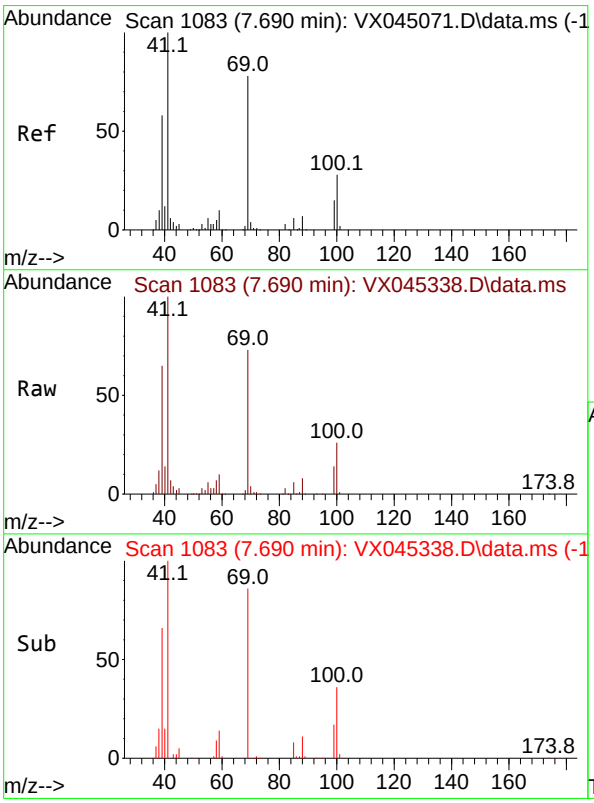
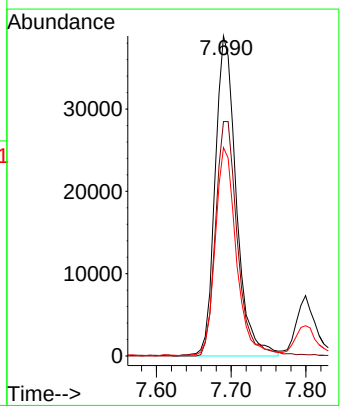
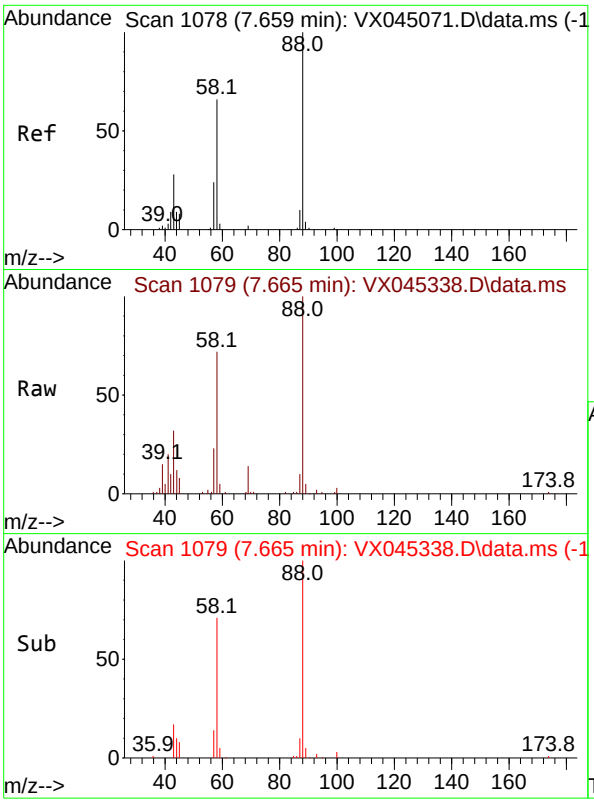


#48
Methyl methacrylate
Concen: 57.992 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 41 Resp: 76591

Ion	Ratio	Lower	Upper
41	100		
69	76.1	63.0	94.6
39	64.5	47.5	71.3

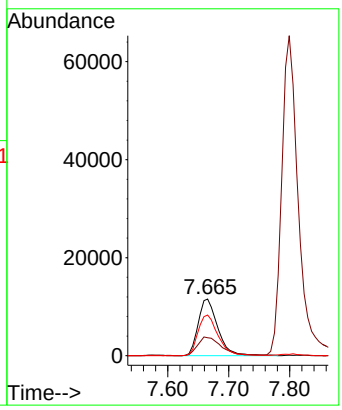




#49
1,4-Dioxane
Concen: 924.511 ug/l
RT: 7.665 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 88 Resp: 2575

Ion	Ratio	Lower	Upper
88	100		
43	40.2	28.7	43.1
58	73.5	55.8	83.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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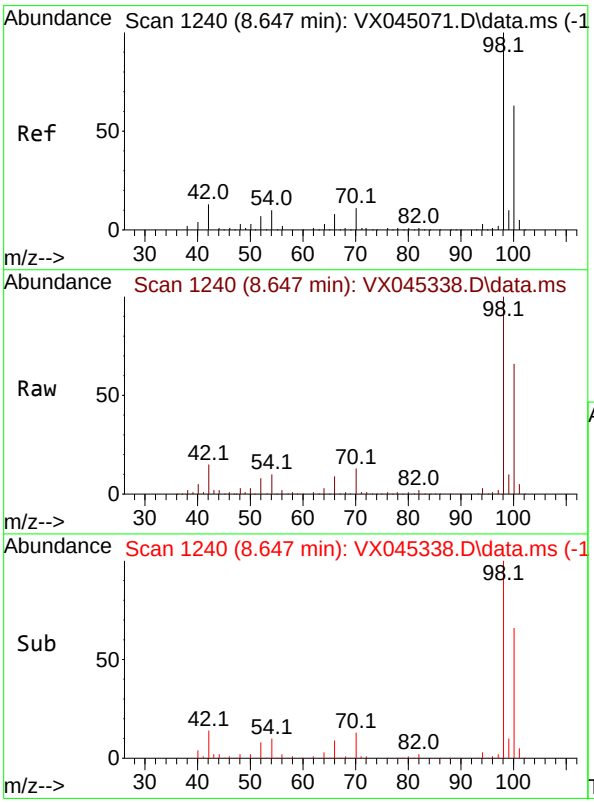
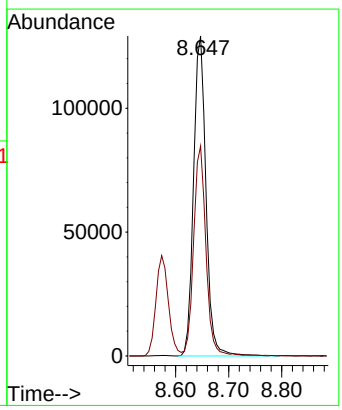
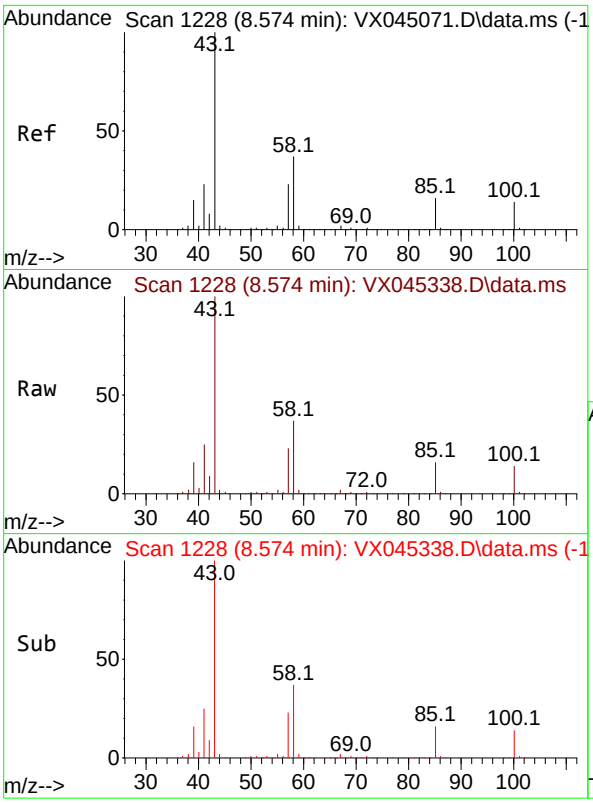


#50
Toluene-d8
Concen: 57.538 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 98 Resp: 210146

Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.0	78.0

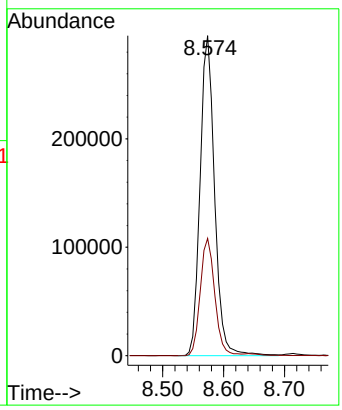




#51
4-Methyl-2-Pentanone
Concen: 277.341 ug/l
RT: 8.574 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 43 Resp: 49022

Ion	Ratio	Lower	Upper
43	100		
58	36.6	29.2	43.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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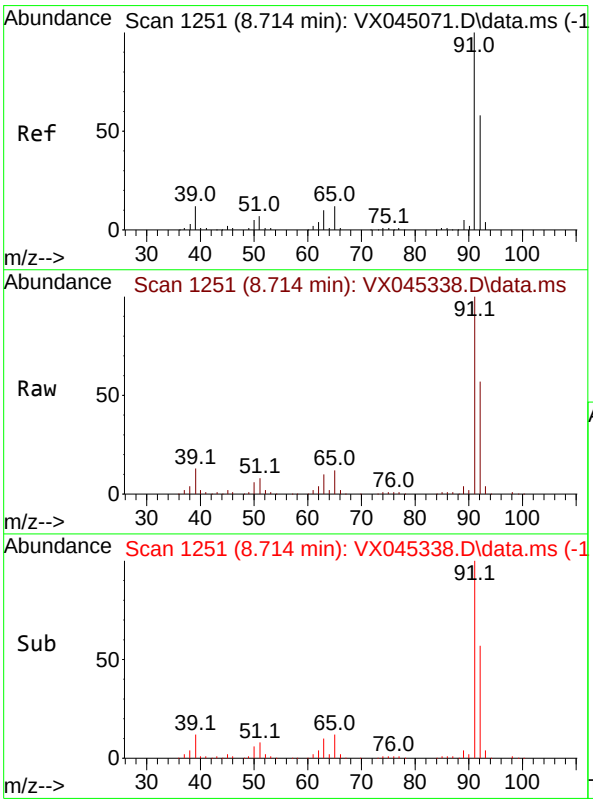
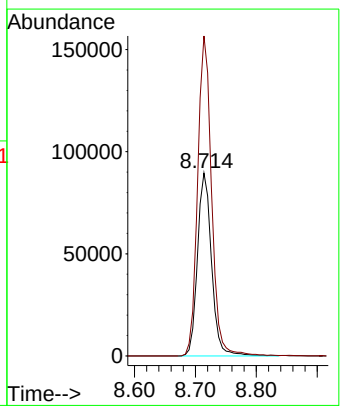
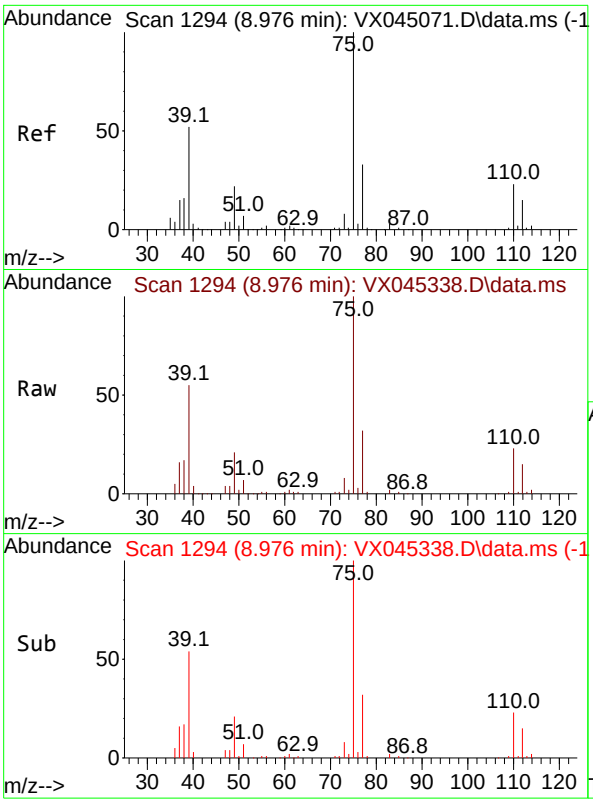


#52
Toluene
Concen: 56.134 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 92 Resp: 143688

Ion	Ratio	Lower	Upper
92	100		
91	173.7	138.9	208.3

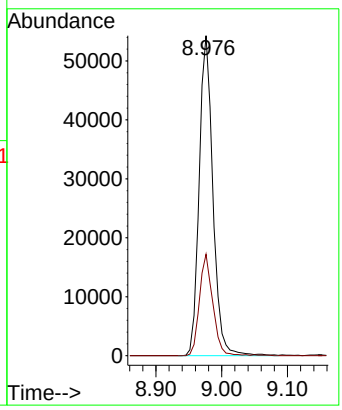




#53
t-1,3-Dichloropropene
Concen: 60.605 ug/l
RT: 8.976 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 75 Resp: 7879

Ion	Ratio	Lower	Upper
75	100		
77	31.7	26.5	39.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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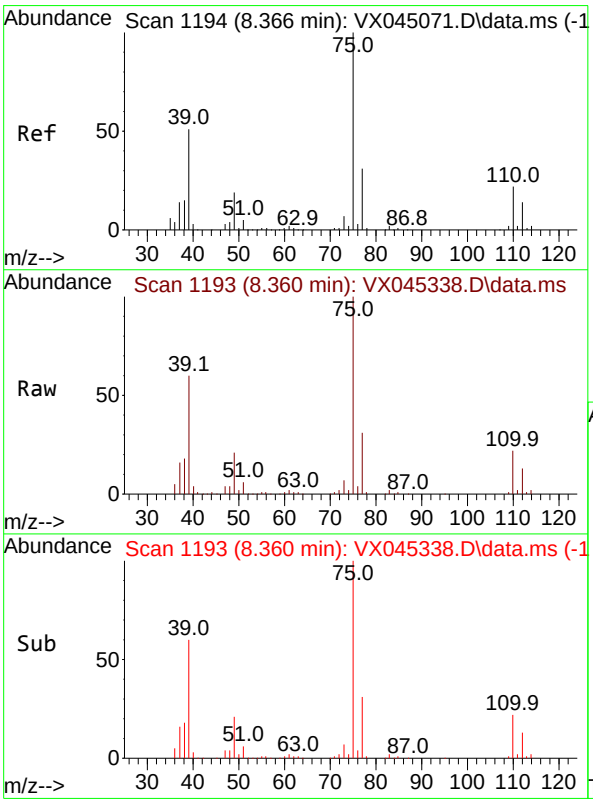
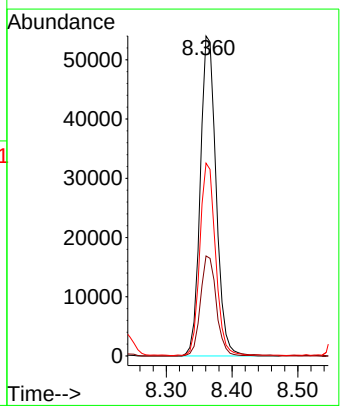
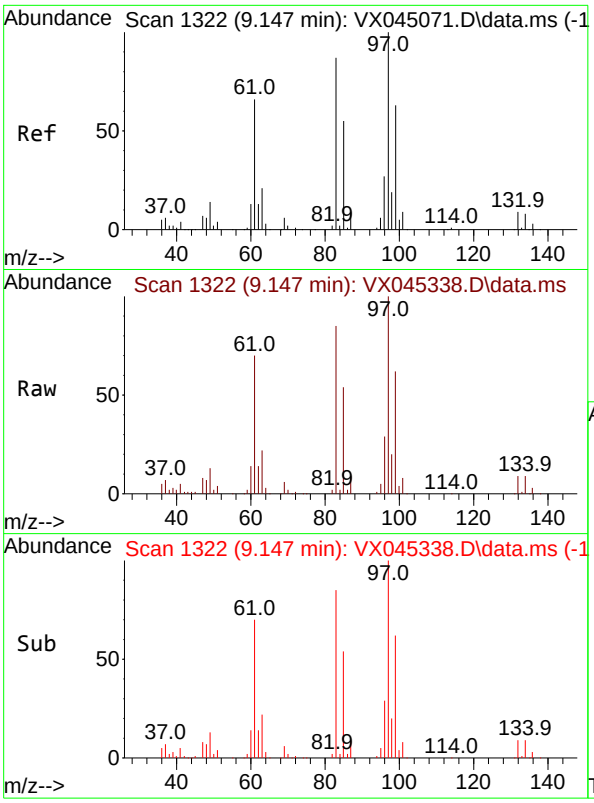


#54
cis-1,3-Dichloropropene
Concen: 59.696 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 75 Resp: 90501

Ion	Ratio	Lower	Upper
75	100		
77	31.3	24.7	37.1
39	60.0	40.7	61.1

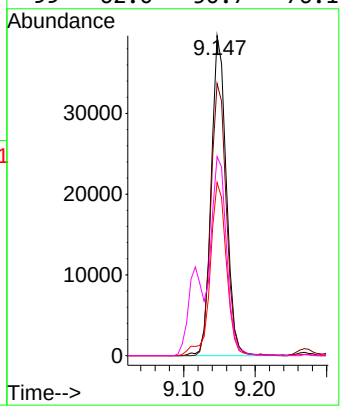




#55
1,1,2-Trichloroethane
Concen: 55.051 ug/l
RT: 9.147 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 97 Resp: 5801

Ion	Ratio	Lower	Upper
97	100		
83	85.1	69.4	104.2
85	54.1	44.1	66.1
99	62.0	50.7	76.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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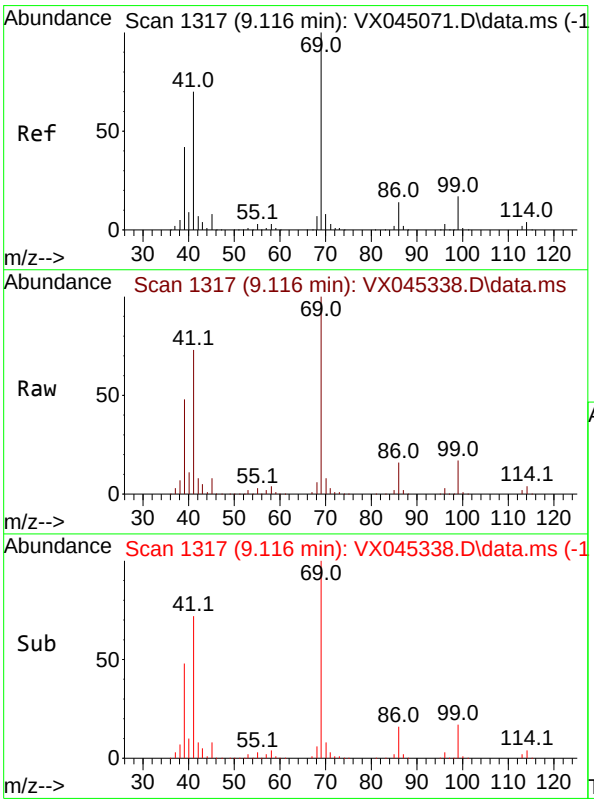
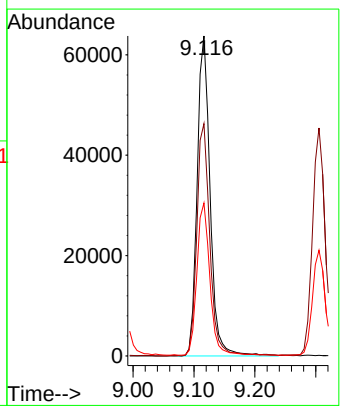
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

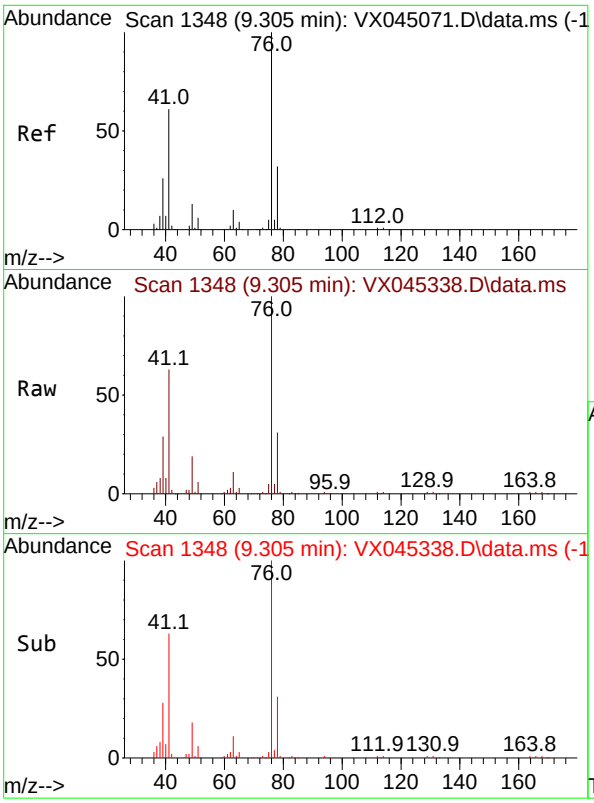


#56
Ethyl methacrylate
Concen: 58.695 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 69 Resp: 94019

Ion	Ratio	Lower	Upper
69	100		
41	73.6	57.0	85.4
39	48.2	34.2	51.4

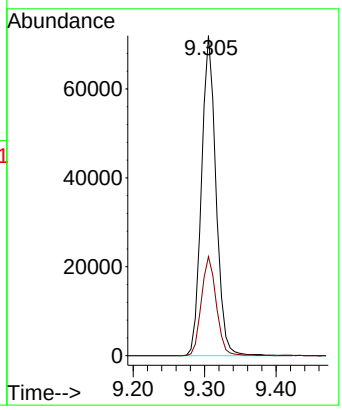




#57
1,3-Dichloropropane
Concen: 55.593 ug/l
RT: 9.305 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 76 Resp: 10138

Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.5	38.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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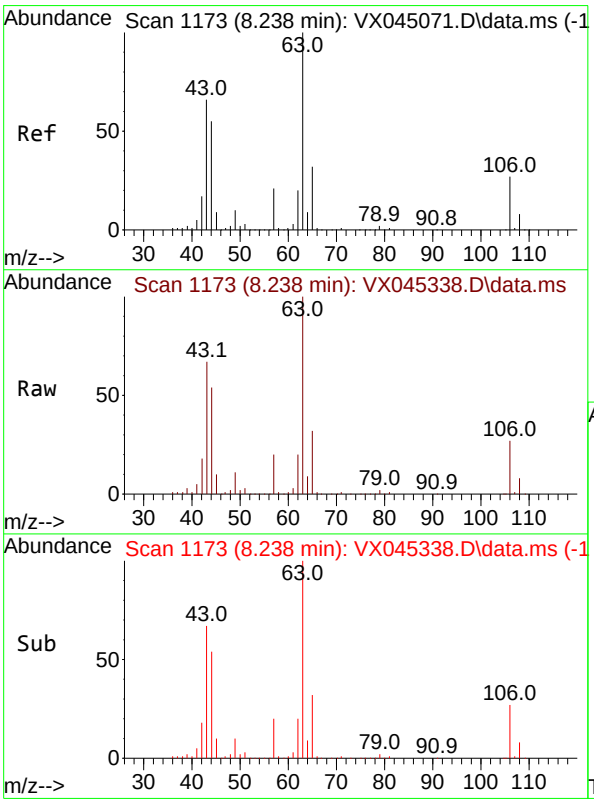
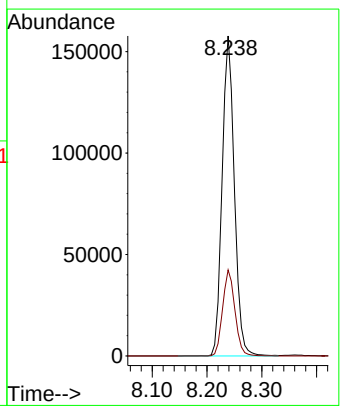
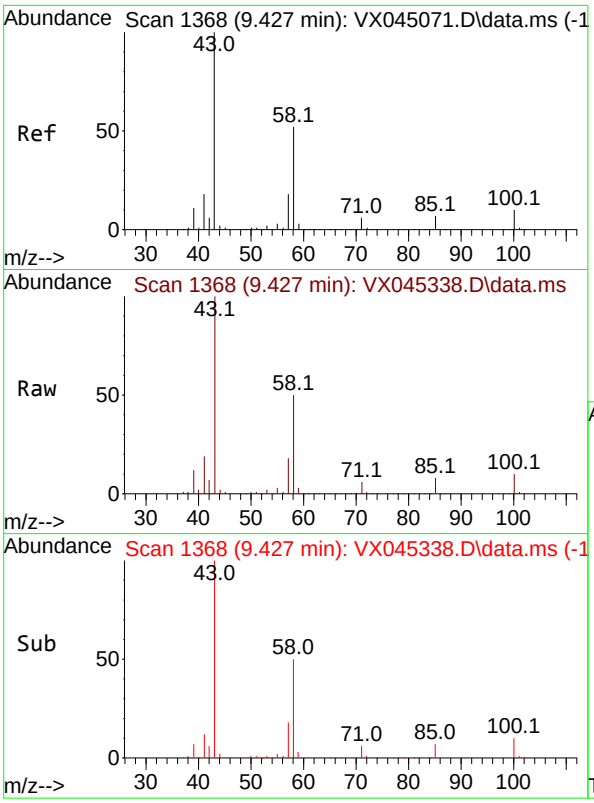


#58
2-Chloroethyl Vinyl ether
Concen: 314.370 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 63 Resp: 245641

Ion	Ratio	Lower	Upper
63	100		
106	27.0	21.5	32.3





#59
2-Hexanone
Concen: 277.843 ug/l
RT: 9.427 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 43 Resp: 35583

Ion	Ratio	Lower	Upper
43	100		
58	51.2	25.9	77.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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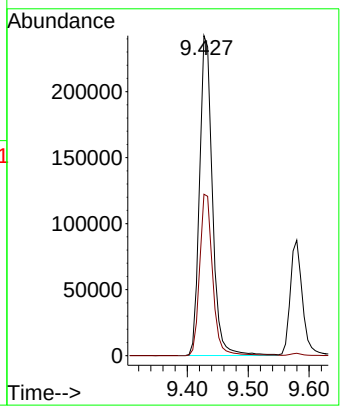
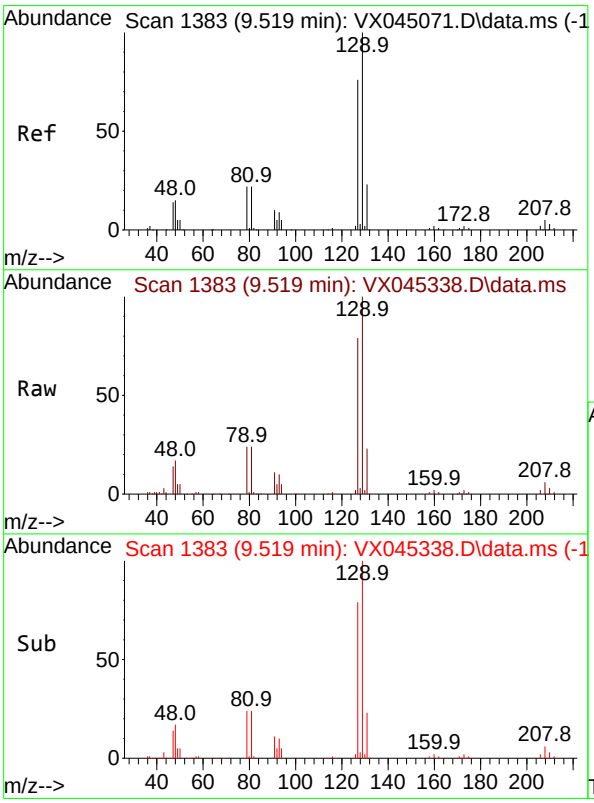
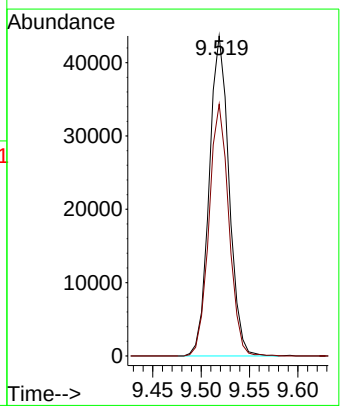


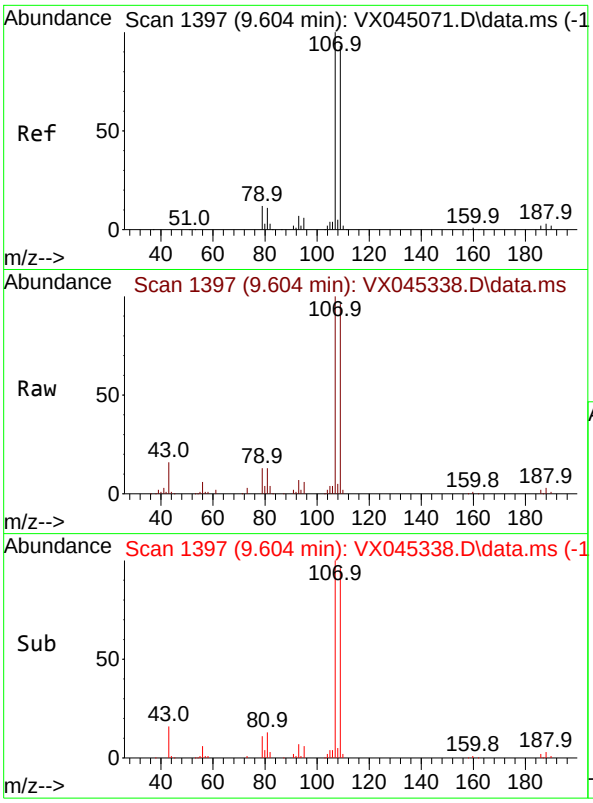


#60
Dibromochloromethane
Concen: 56.538 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion:129 Resp: 62295

Ion	Ratio	Lower	Upper
129	100		
127	78.5	38.5	115.5

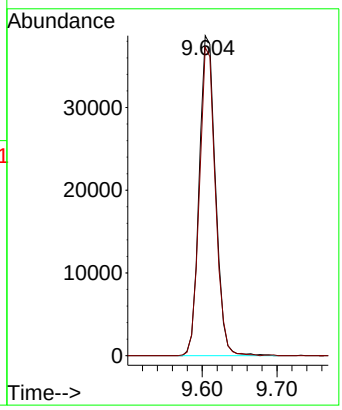




#61
1,2-Dibromoethane
Concen: 55.404 ug/l
RT: 9.604 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion:107 Resp: 5828

Ion	Ratio	Lower	Upper
107	100		
109	94.7	76.1	114.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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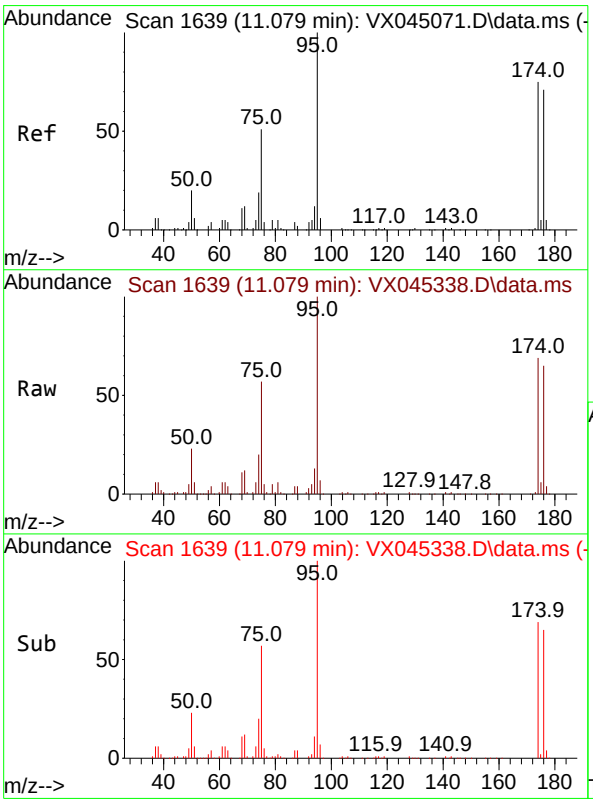
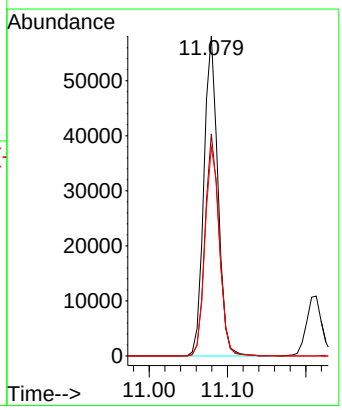
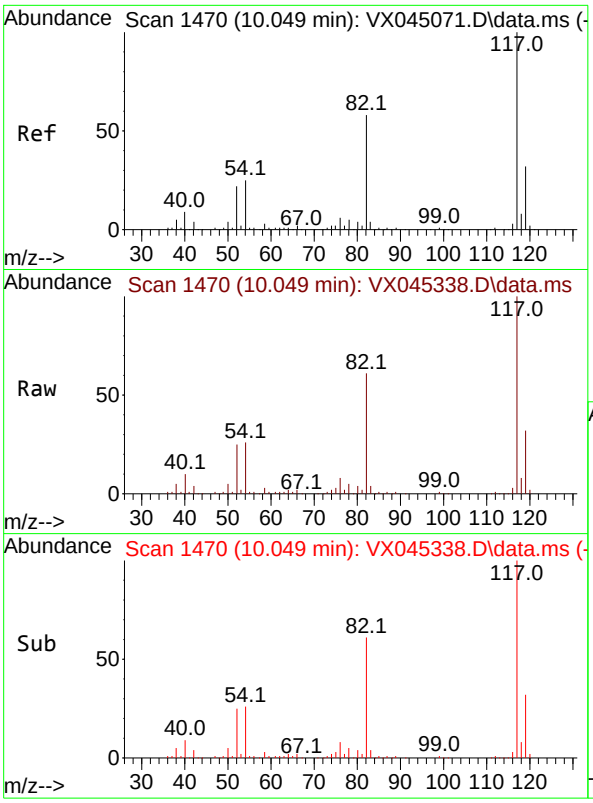


#62
4-Bromofluorobenzene
Concen: 59.628 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 95 Resp: 72166

Ion	Ratio	Lower	Upper
95	100		
174	69.5	0.0	148.2
176	67.5	0.0	141.4

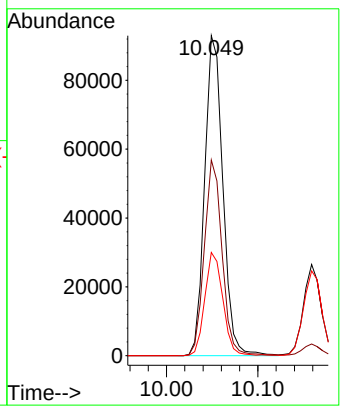




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion:117 Resp: 12819

Ion	Ratio	Lower	Upper
117	100		
82	61.2	46.3	69.5
119	32.3	25.7	38.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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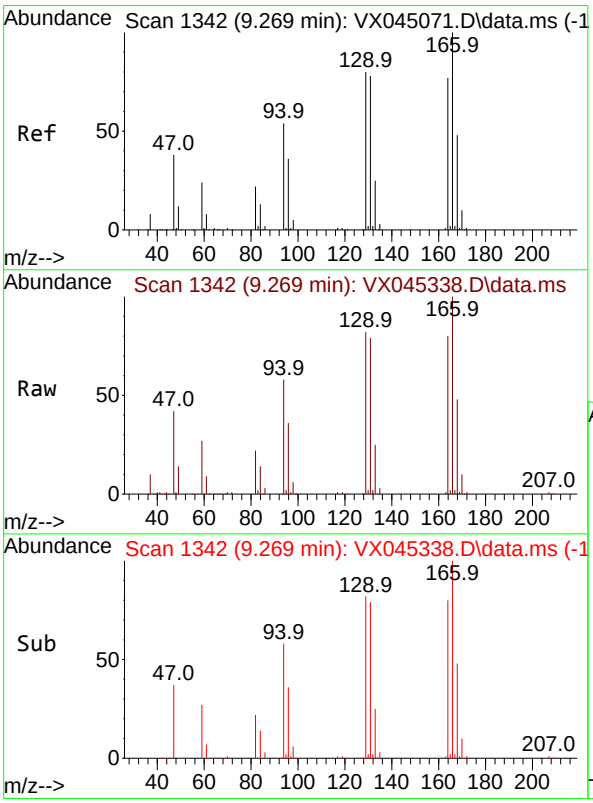
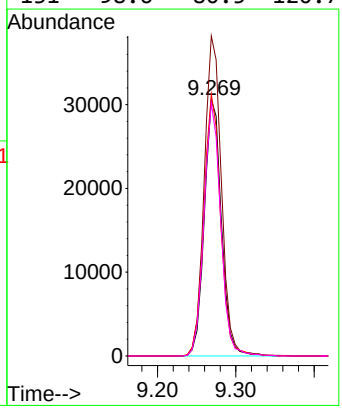
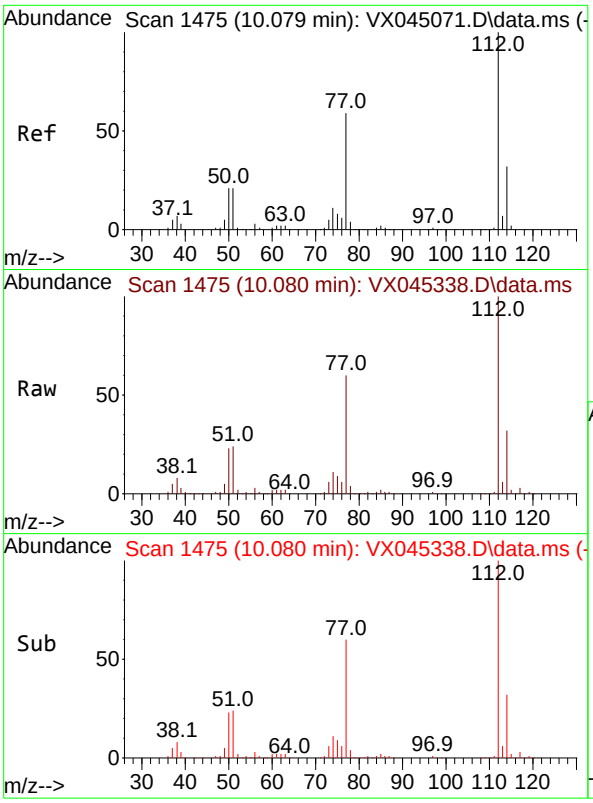


#64
Tetrachloroethene
Concen: 56.125 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion:164 Resp: 46080

Ion	Ratio	Lower	Upper
164	100		
166	124.8	103.6	155.4
129	102.2	82.7	124.1
131	98.6	80.5	120.7

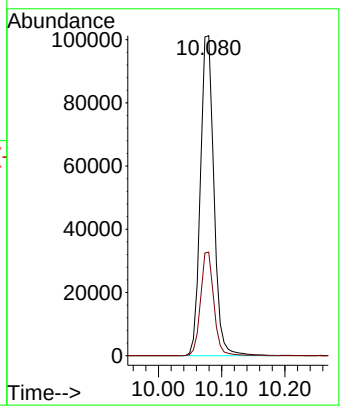




#65
Chlorobenzene
Concen: 55.590 ug/l
RT: 10.080 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion:112 Resp: 15078

Ion	Ratio	Lower	Upper
112	100		
114	32.4	26.0	39.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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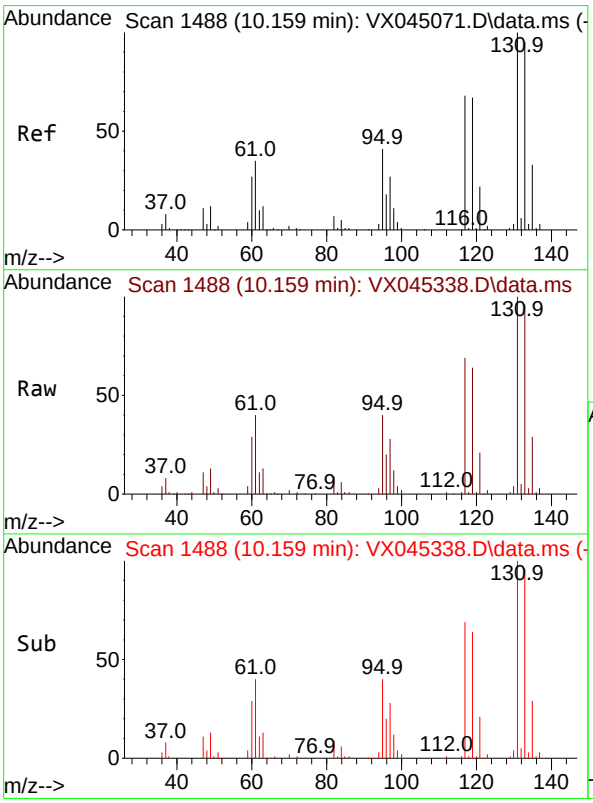
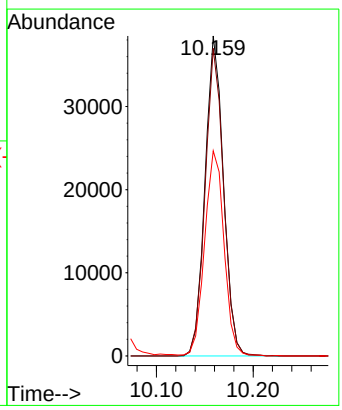
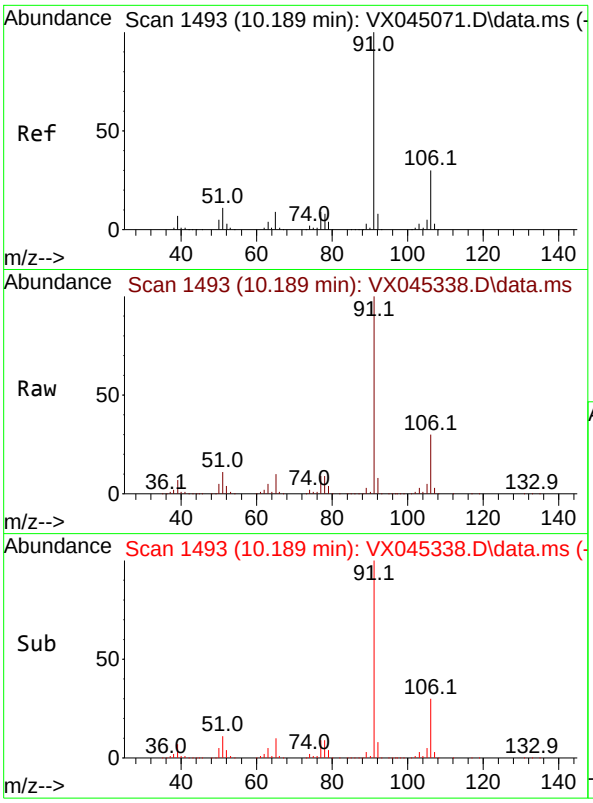


#66
1,1,1,2-Tetrachloroethane
Concen: 56.285 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion:131 Resp: 50844

Ion	Ratio	Lower	Upper
131	100		
133	96.5	48.6	145.9
119	67.6	33.9	101.7





#67
Ethyl Benzene
Concen: 57.969 ug/l
RT: 10.189 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 91 Resp: 27398

Ion	Ratio	Lower	Upper
91	100		
106	30.0	23.9	35.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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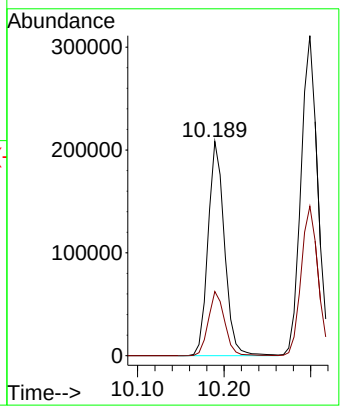
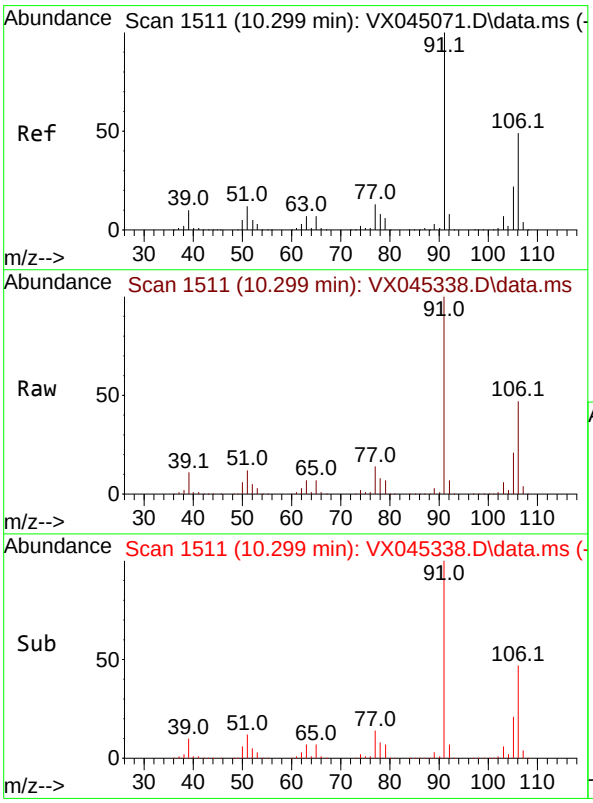
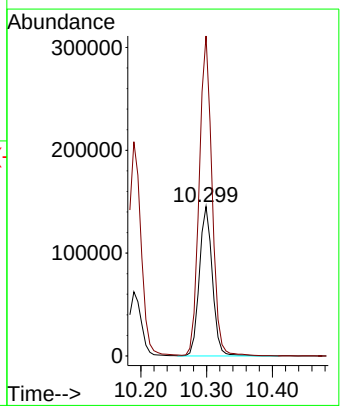


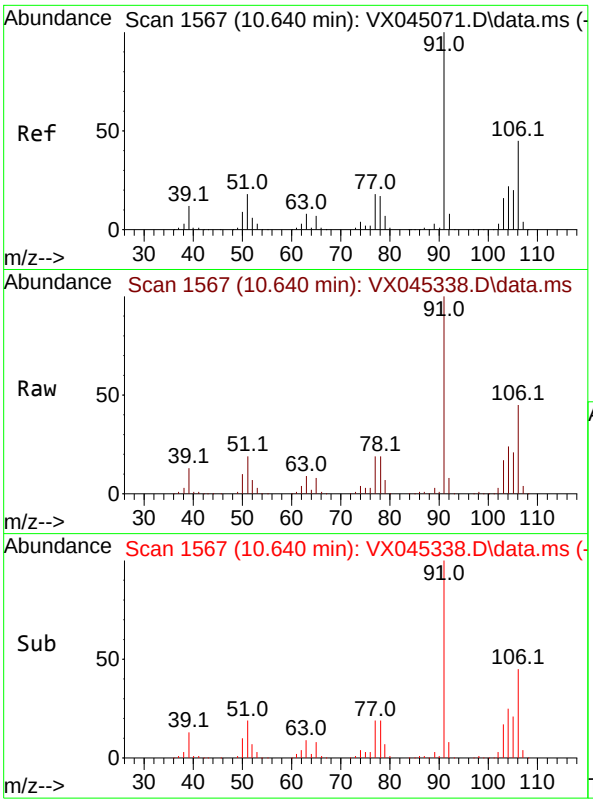


#68
m/p-Xylenes
Concen: 115.095 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion:106 Resp: 199139

Ion	Ratio	Lower	Upper
106	100		
91	211.0	165.4	248.0

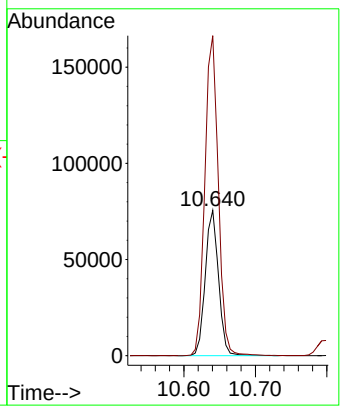




#69
o-Xylene
Concen: 55.670 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion:106 Resp: 9714

Ion	Ratio	Lower	Upper
106	100		
91	223.8	109.9	329.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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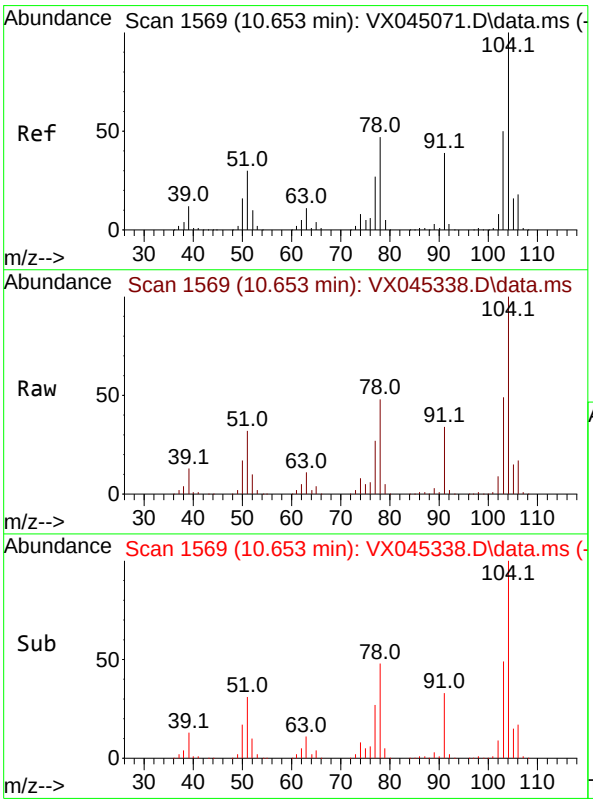
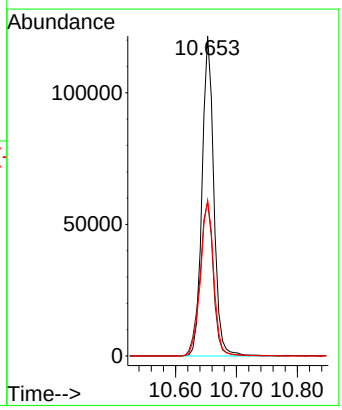
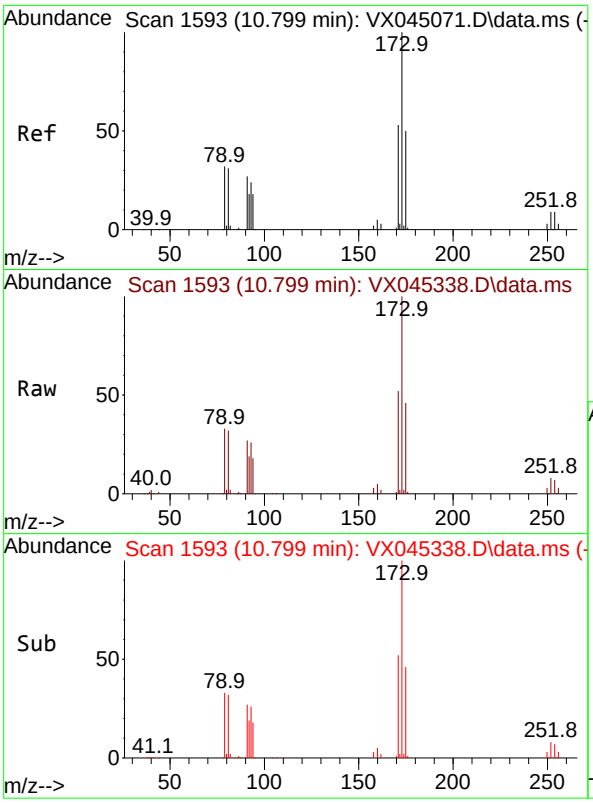


#70
Styrene
Concen: 57.851 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion:104 Resp: 163347

Ion	Ratio	Lower	Upper
104	100		
78	55.0	42.2	63.4
103	54.8	43.8	65.8

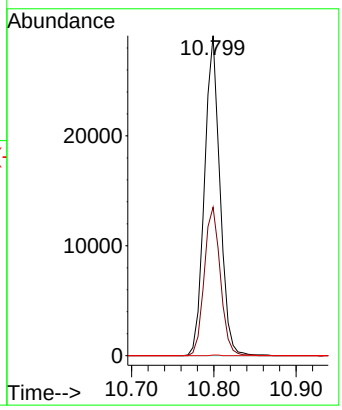




#71
Bromoform
Concen: 55.853 ug/l
RT: 10.799 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion:173 Resp: 3804

Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.6	73.6
254	0.1	0.0	0.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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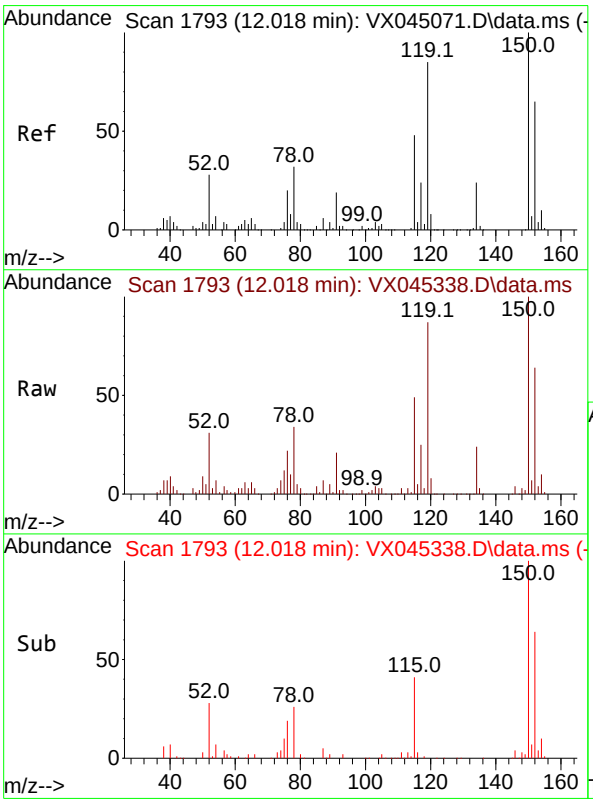
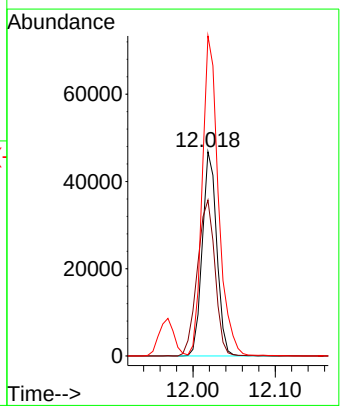
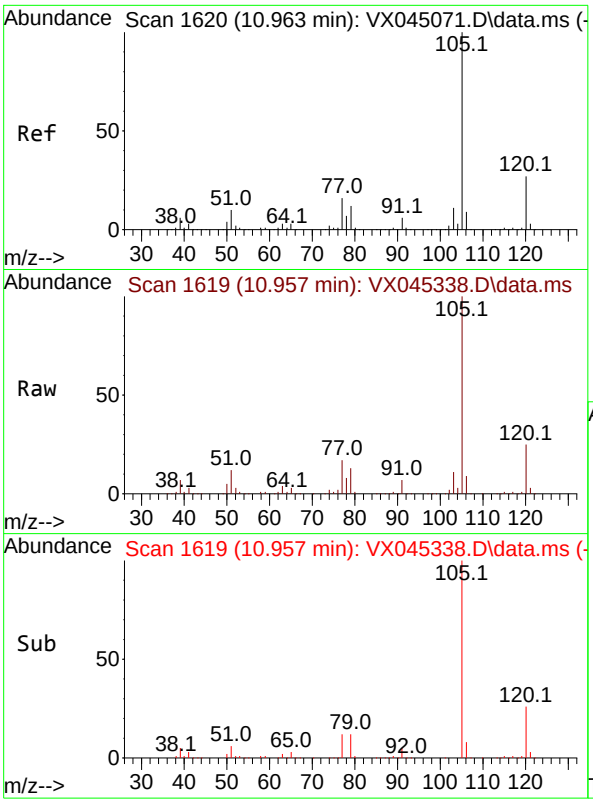


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion:152 Resp: 57337

Ion	Ratio	Lower	Upper
152	100		
115	93.3	44.2	132.6
150	175.1	0.0	349.0

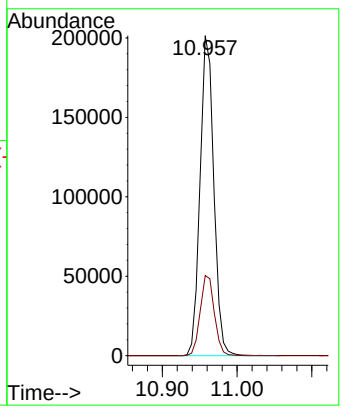




#73
Isopropylbenzene
Concen: 57.476 ug/l
RT: 10.957 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion:105 Resp: 25722

Ion	Ratio	Lower	Upper
105	100		
120	25.8	13.2	39.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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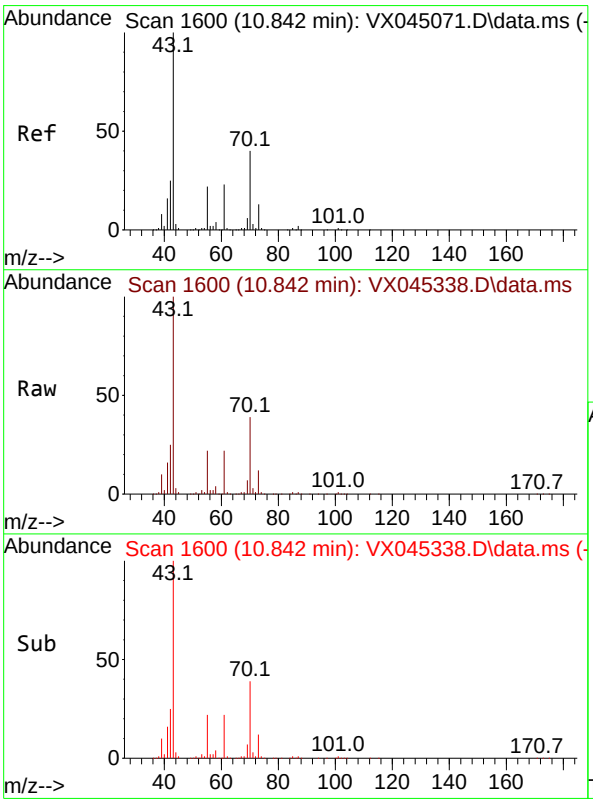
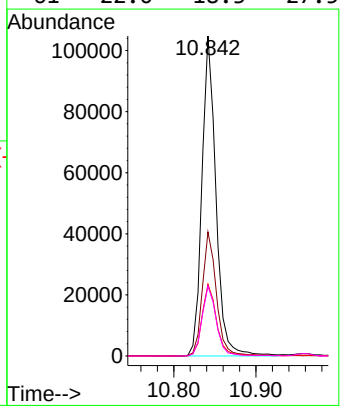
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

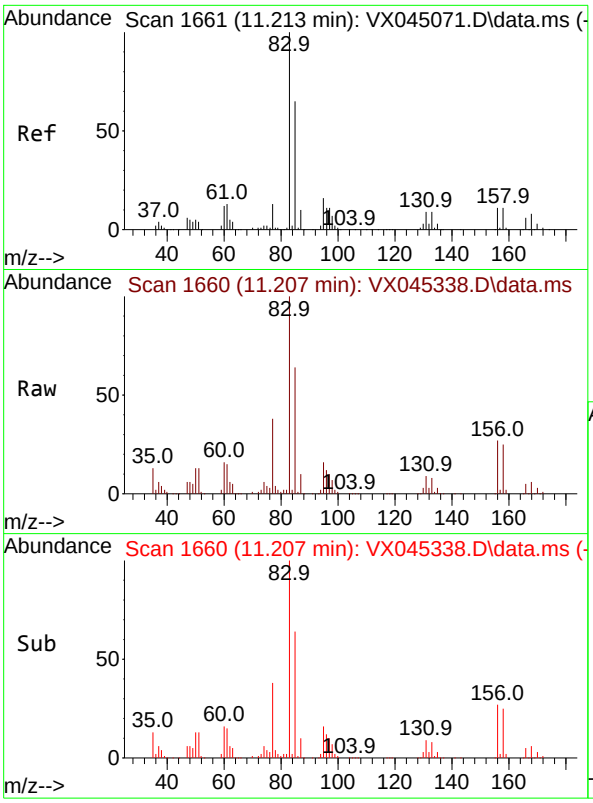


#74
N-amyl acetate
Concen: 59.082 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 43 Resp: 124071

Ion	Ratio	Lower	Upper
43	100		
70	39.1	31.8	47.6
55	23.3	18.3	27.5
61	22.0	18.3	27.5

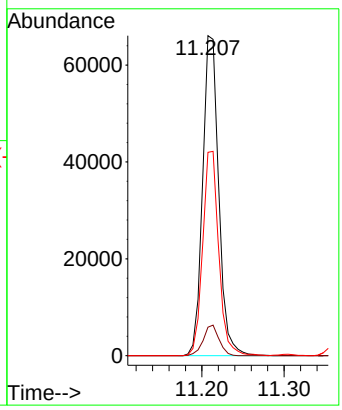




#75
1,1,2,2-Tetrachloroethane
Concen: 54.683 ug/l
RT: 11.207 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 83 Resp: 8980

Ion	Ratio	Lower	Upper
83	100		
131	9.4	4.5	13.4
85	63.9	31.7	95.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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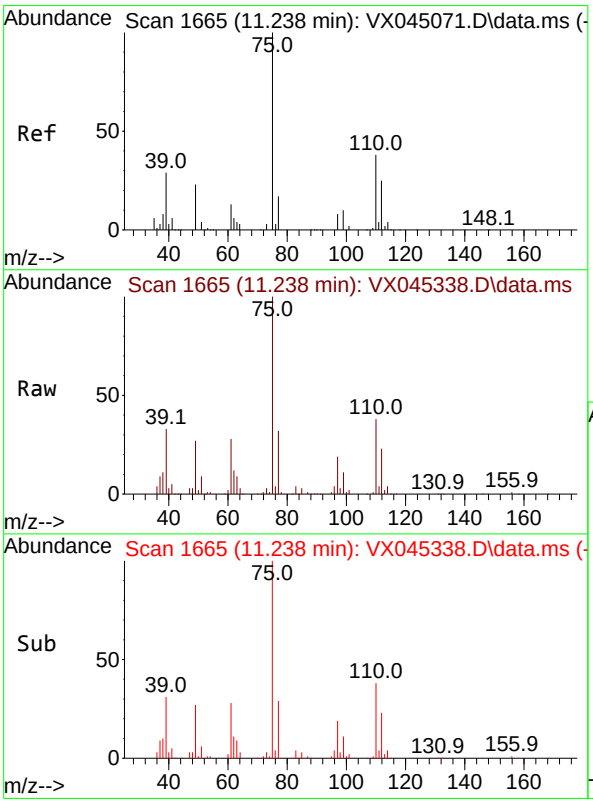
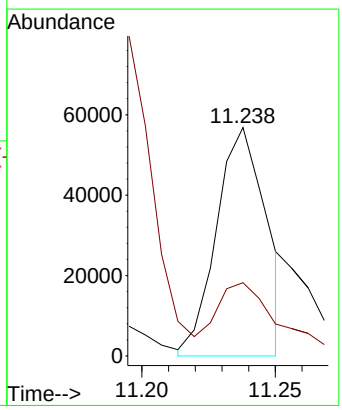
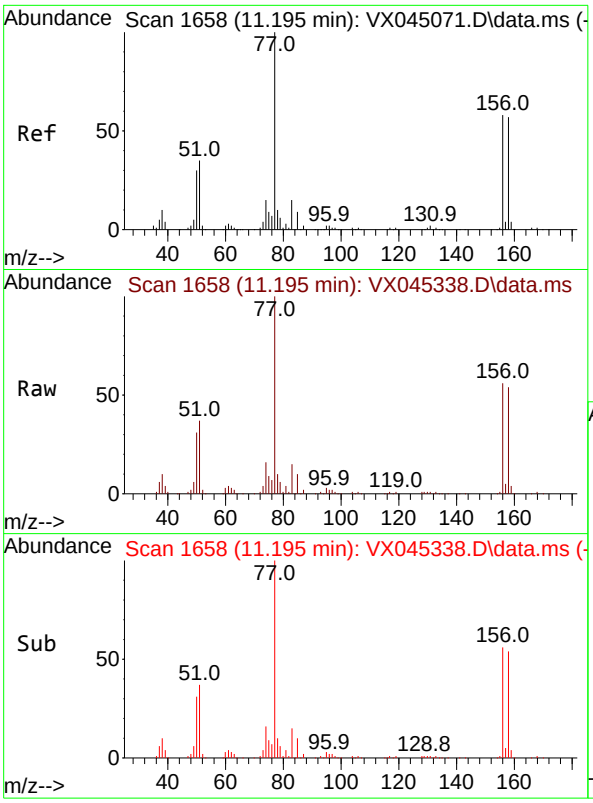


#76
1,2,3-Trichloropropane
Concen: 55.214 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 75 Resp: 73684

Ion	Ratio	Lower	Upper
75	100		
77	40.5	20.7	62.1

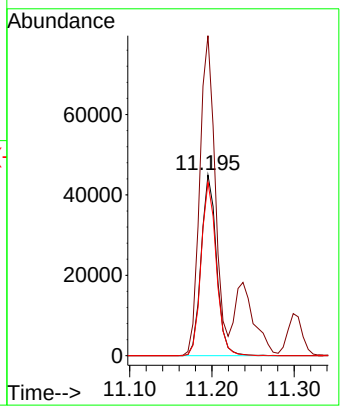




#77
Bromobenzene
Concen: 55.031 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion:156 Resp: 5810

Ion	Ratio	Lower	Upper
156	100		
77	178.8	85.8	257.4
158	95.2	48.4	145.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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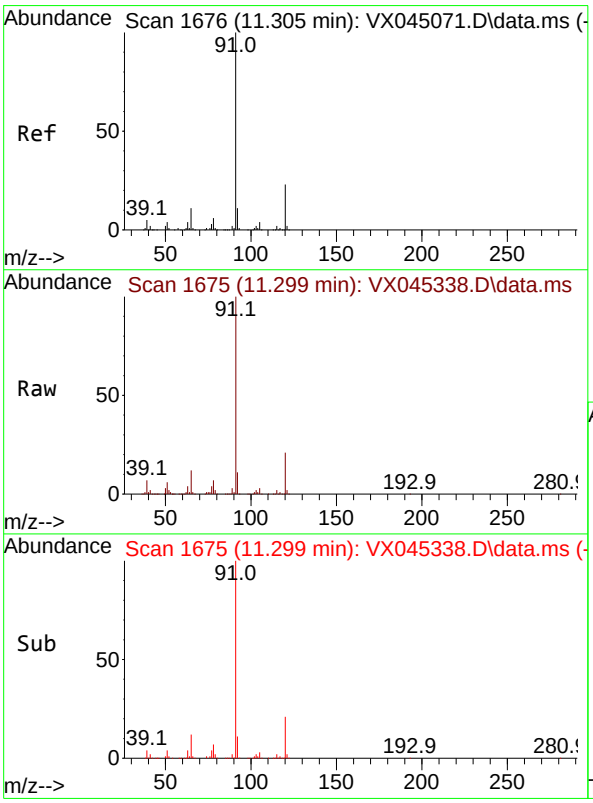
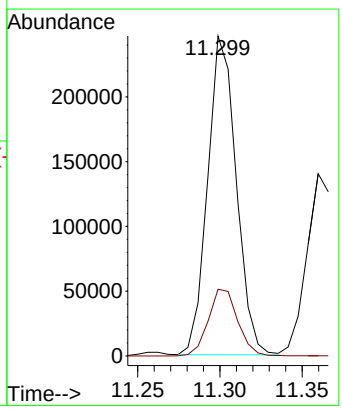
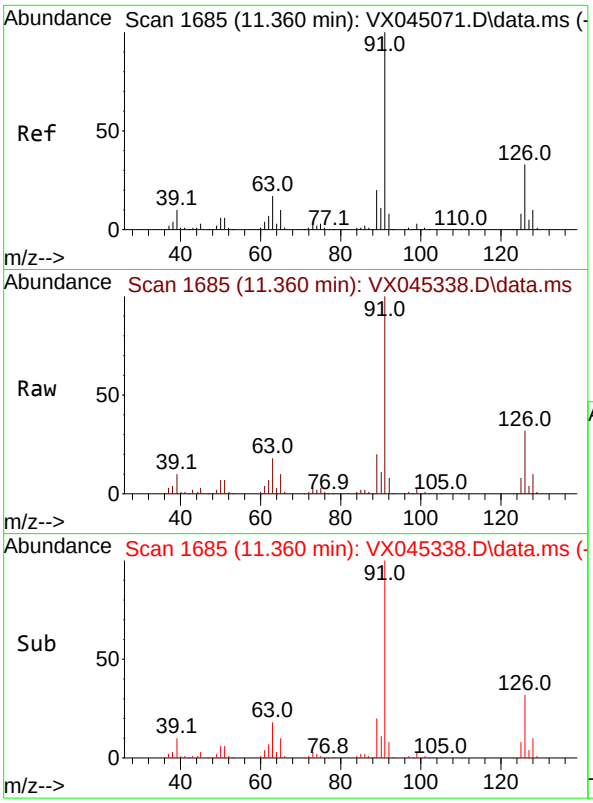


#78
n-propylbenzene
Concen: 58.944 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 91 Resp: 297988

Ion	Ratio	Lower	Upper
91	100		
120	21.6	11.2	33.6





#79
2-Chlorotoluene
Concen: 55.342 ug/l
RT: 11.360 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 91 Resp: 17818

Ion	Ratio	Lower	Upper
91	100		
126	32.3	16.4	49.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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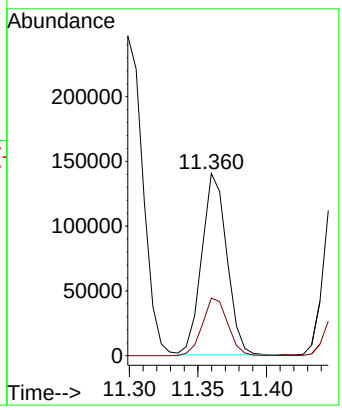
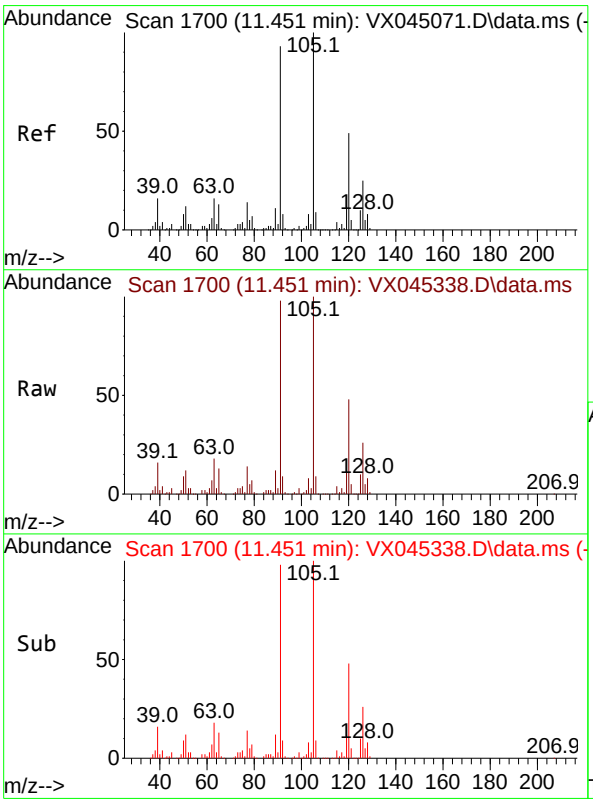
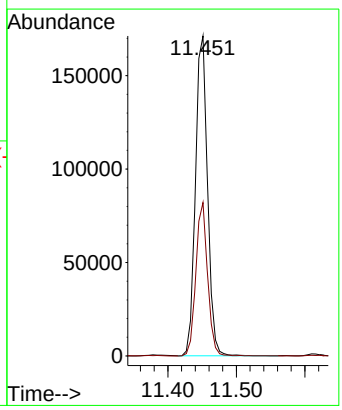


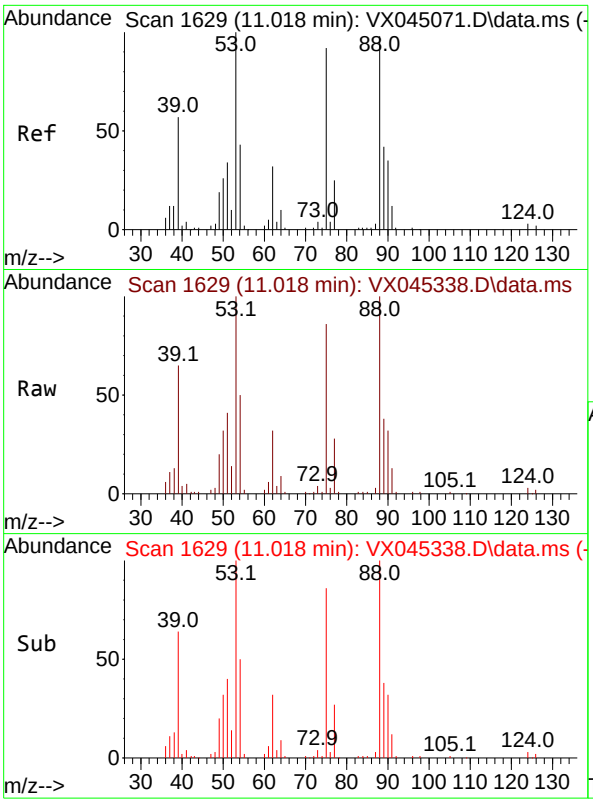


#80
1,3,5-Trimethylbenzene
Concen: 58.095 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion:105 Resp: 210225

Ion	Ratio	Lower	Upper
105	100		
120	46.6	24.1	72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 53.903 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 75 Resp: 2102

Ion	Ratio	Lower	Upper
75	100		
53	128.7	88.5	132.7
89	46.5	36.2	54.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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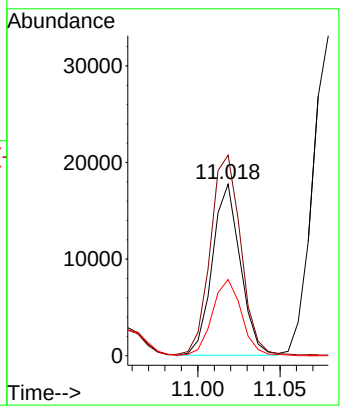
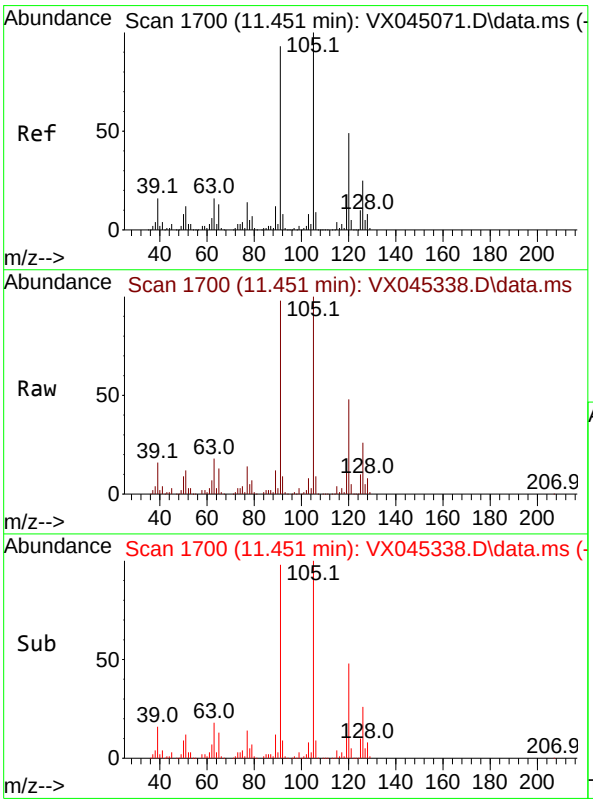
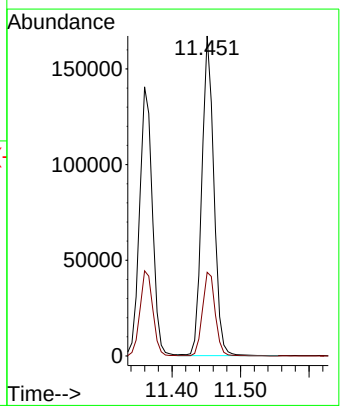


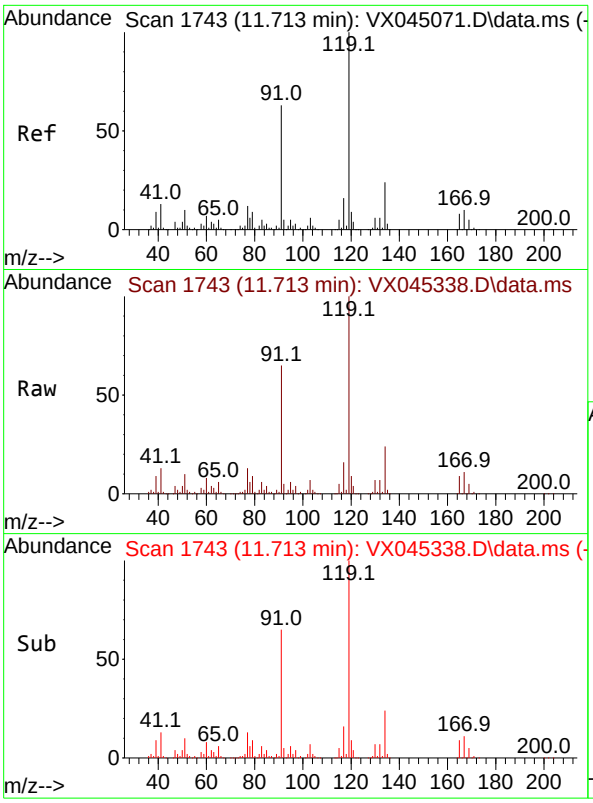


#82
4-Chlorotoluene
Concen: 58.329 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 91 Resp: 204674

Ion	Ratio	Lower	Upper
91	100		
126	27.7	14.1	42.4

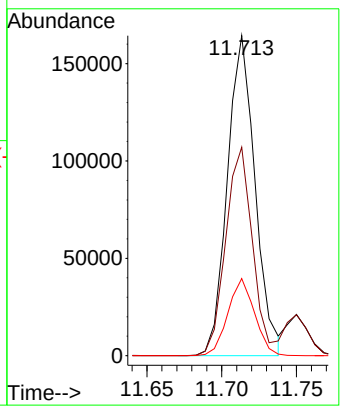




#83
tert-Butylbenzene
Concen: 57.007 ug/l
RT: 11.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion:119 Resp: 21195

Ion	Ratio	Lower	Upper
119	100		
91	62.3	30.7	92.1
134	23.2	11.7	35.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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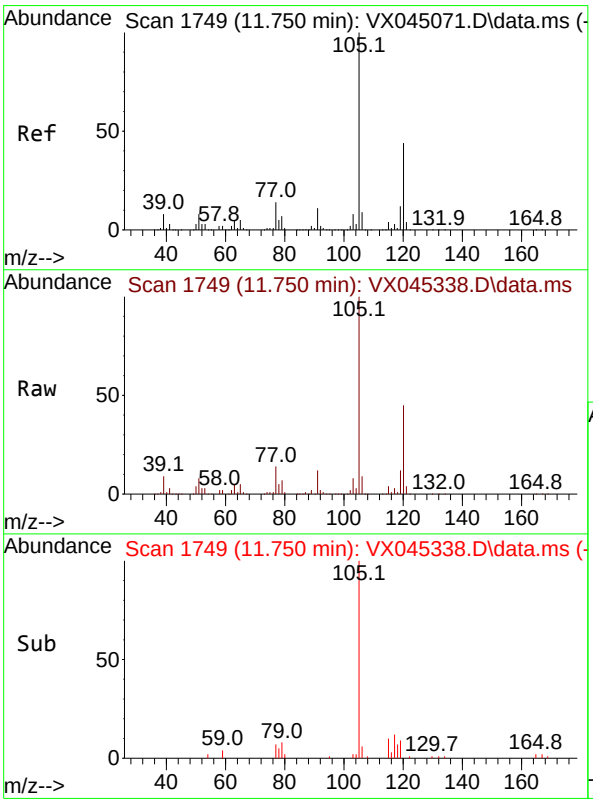
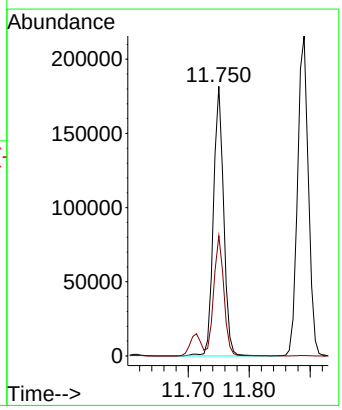
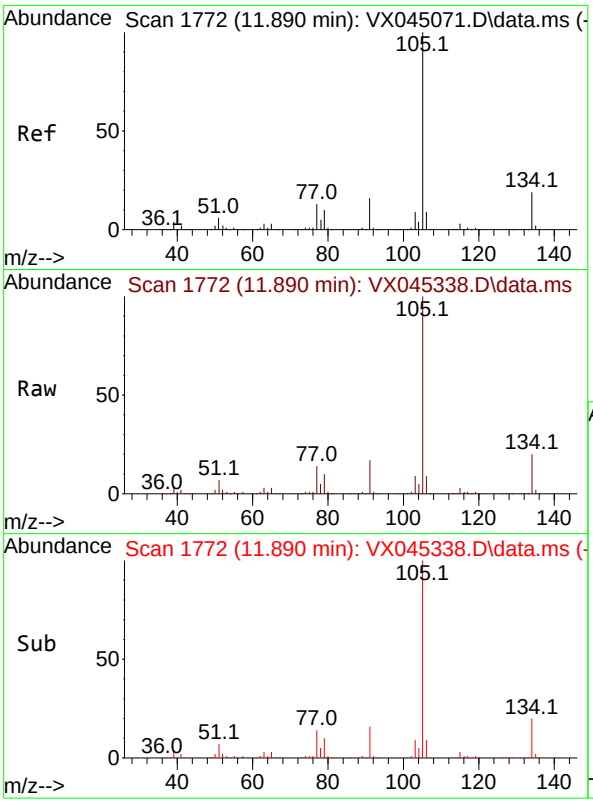


#84
1,2,4-Trimethylbenzene
Concen: 58.152 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion:105 Resp: 211733

Ion	Ratio	Lower	Upper
105	100		
120	44.0	22.1	66.1

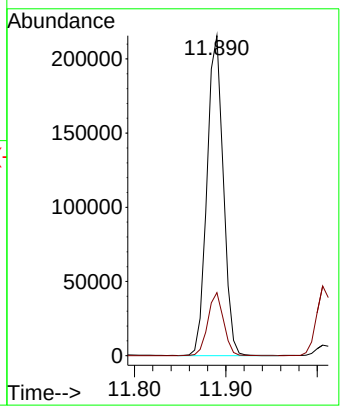




#85
sec-Butylbenzene
Concen: 59.861 ug/l
RT: 11.890 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion:105 Resp: 26660

Ion	Ratio	Lower	Upper
105	100		
134	19.1	9.8	29.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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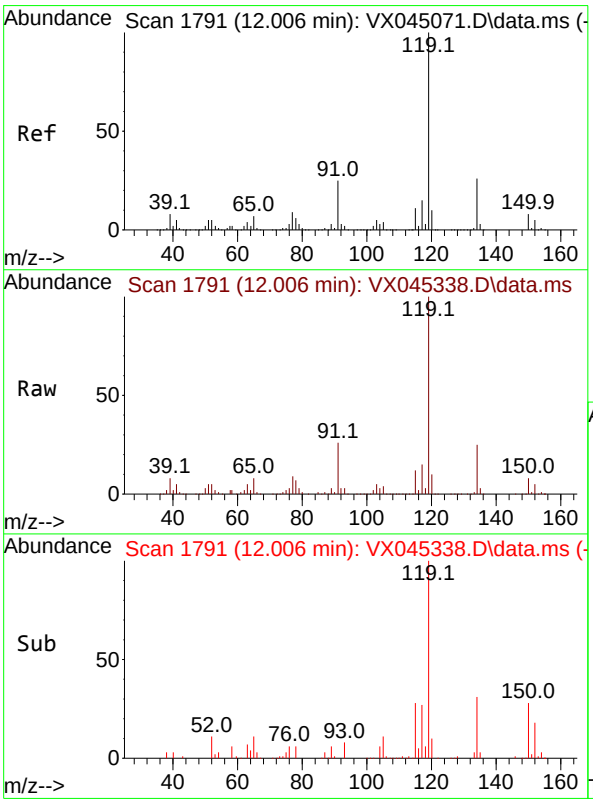
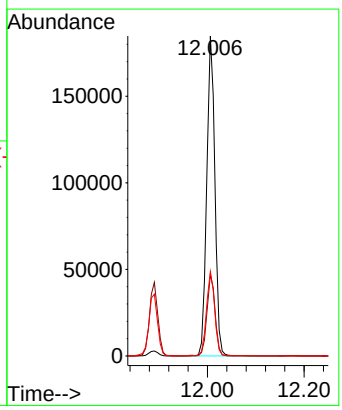
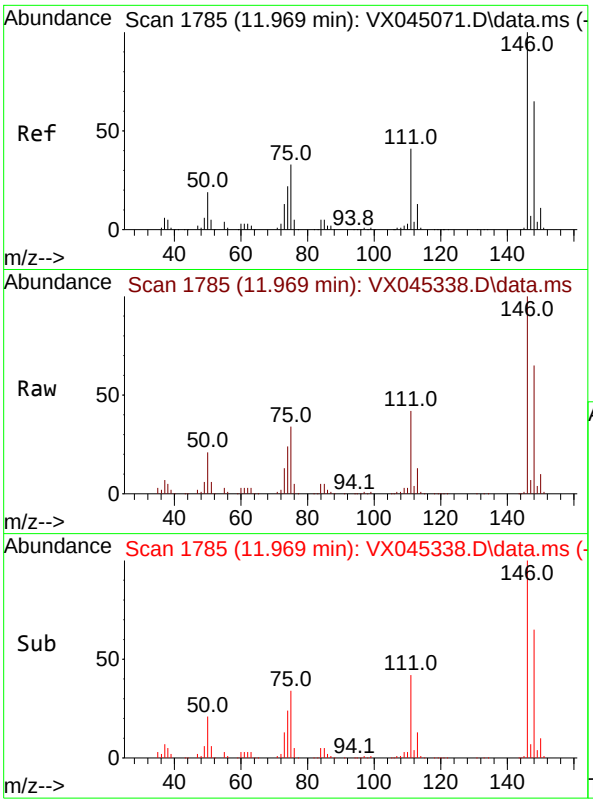


#86
p-Isopropyltoluene
Concen: 60.215 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion:119 Resp: 216728

Ion	Ratio	Lower	Upper
119	100		
134	25.3	12.9	38.6
91	26.6	12.7	38.0

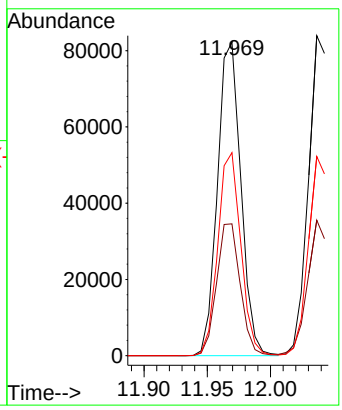




#87
1,3-Dichlorobenzene
Concen: 56.221 ug/l
RT: 11.969 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion:146 Resp: 10590

Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.1	63.4
148	63.6	31.9	95.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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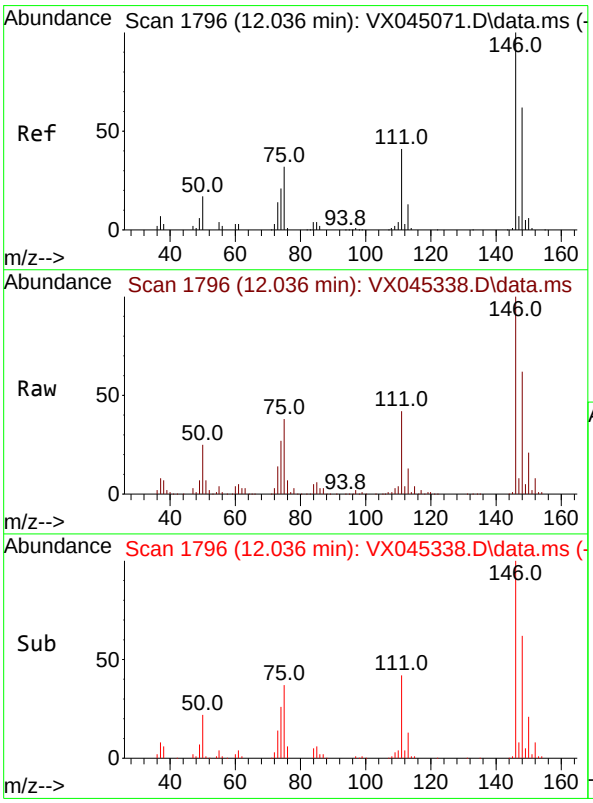
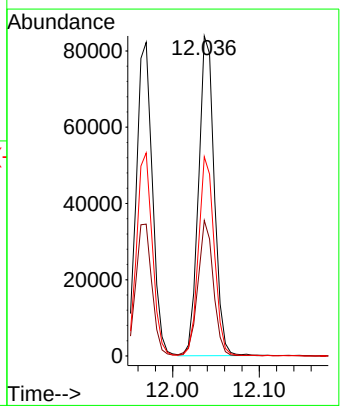
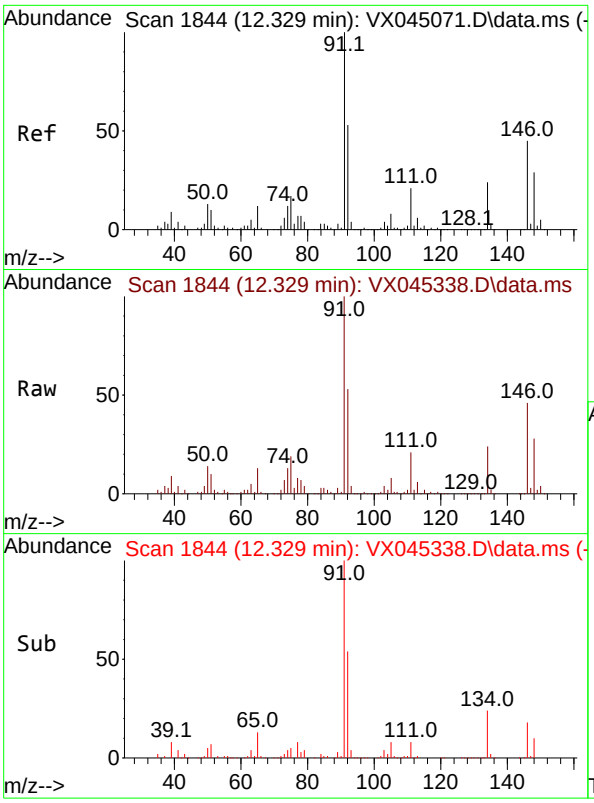


#88
1,4-Dichlorobenzene
Concen: 55.548 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion:146 Resp: 105860

Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.2	60.5
148	62.4	31.9	95.9





#89
n-Butylbenzene
Concen: 62.324 ug/l
RT: 12.329 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 91 Resp: 19320

Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.7	80.0
134	24.1	12.2	36.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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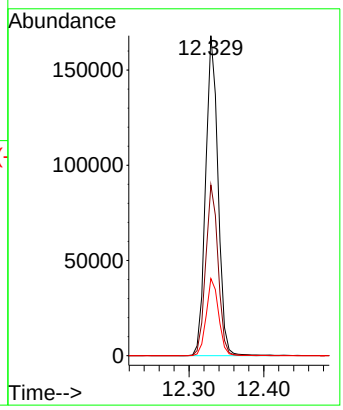
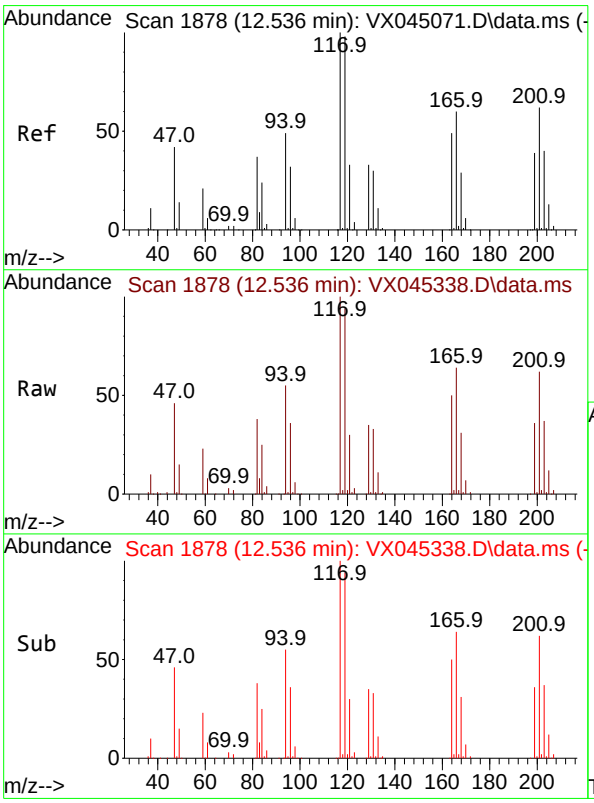
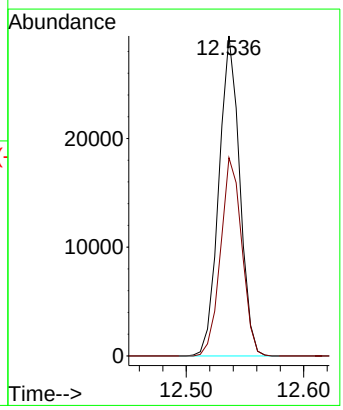


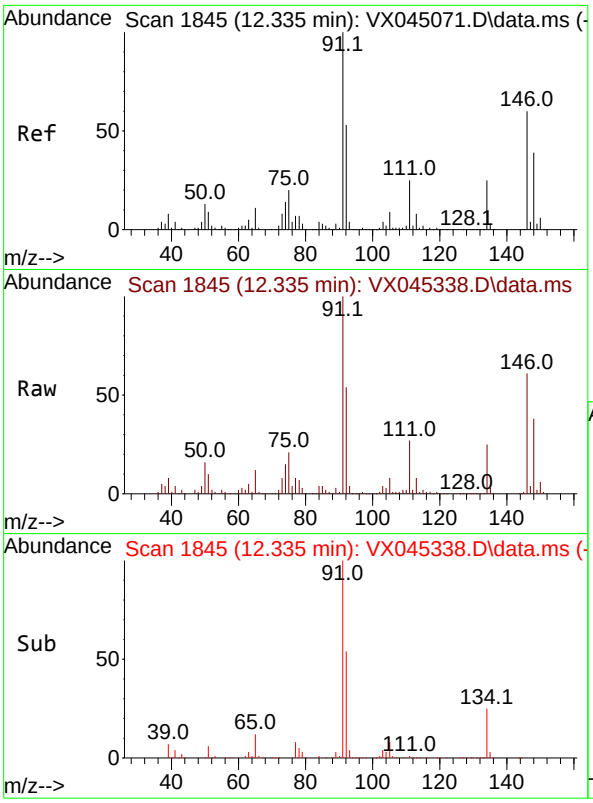


#90
Hexachloroethane
Concen: 55.617 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion:117 Resp: 36208

Ion	Ratio	Lower	Upper
117	100		
201	63.2	31.9	95.9

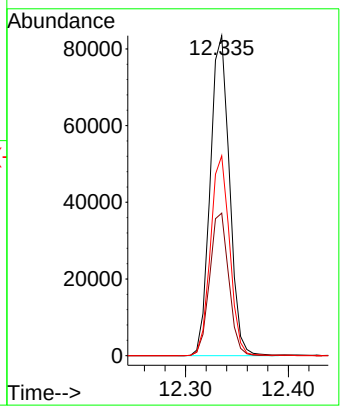




#91
1,2-Dichlorobenzene
Concen: 57.330 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion:146 Resp: 10833

Ion	Ratio	Lower	Upper
146	100		
111	44.2	21.6	65.0
148	62.2	31.9	95.9



Instrument :
MSVOA_X
ClientSampleId :
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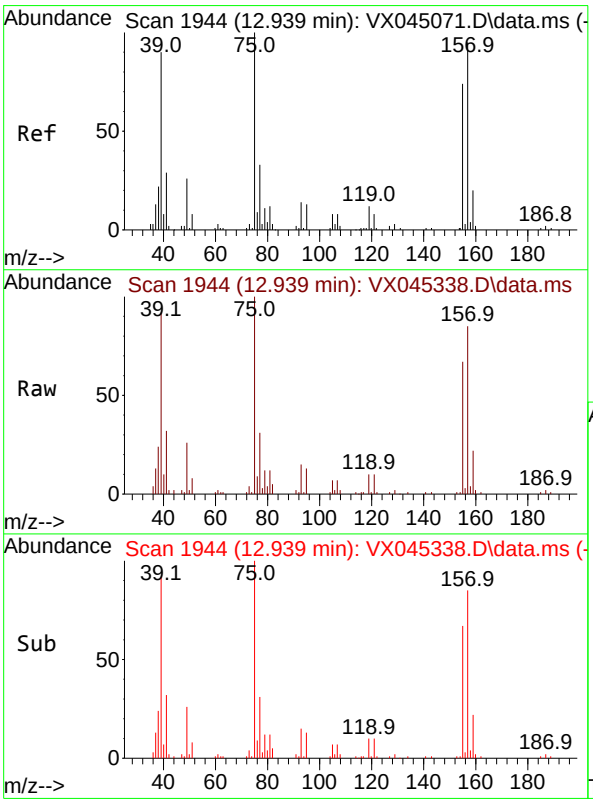
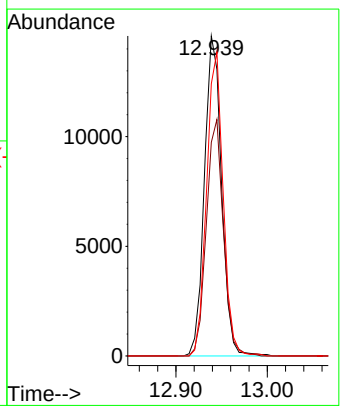
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

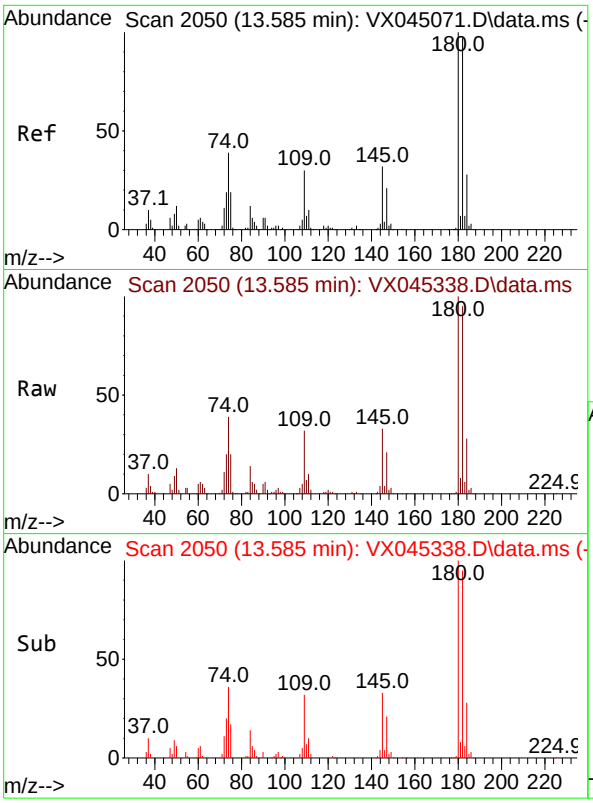


#92
1,2-Dibromo-3-Chloropropane
Concen: 59.282 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 75 Resp: 18967

Ion	Ratio	Lower	Upper
75	100		
155	73.6	39.6	118.7
157	91.7	51.1	153.4

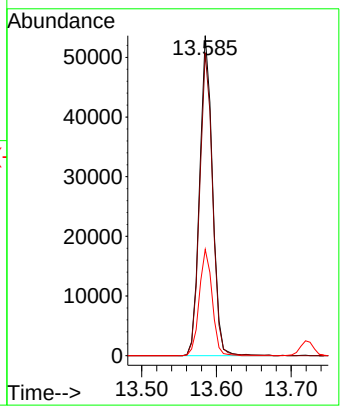




#93
1,2,4-Trichlorobenzene
Concen: 59.330 ug/l
RT: 13.585 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion:180 Resp: 6383

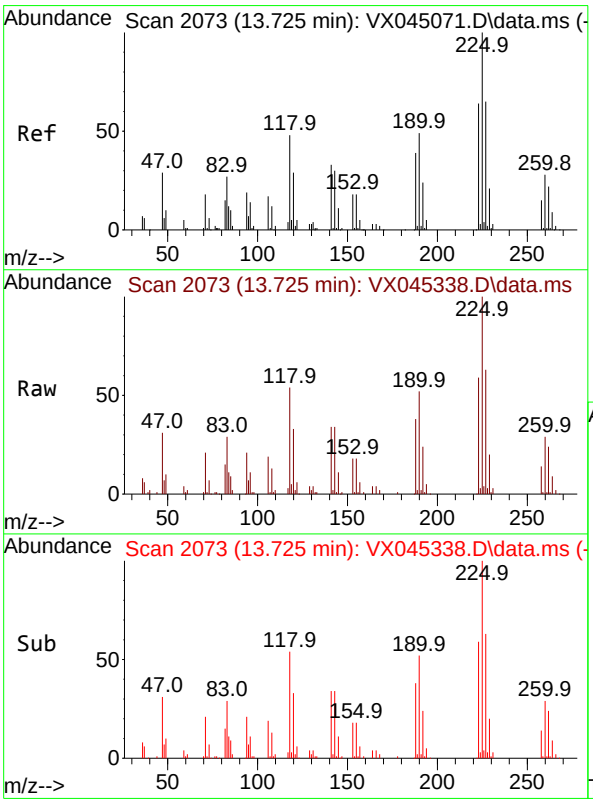
Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.3	141.9
145	33.3	16.3	48.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

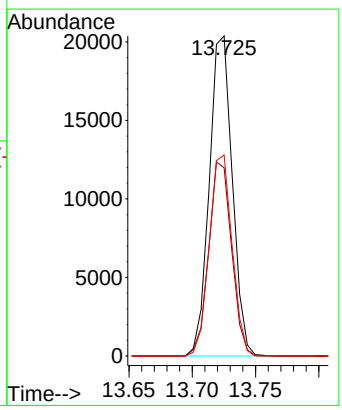
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

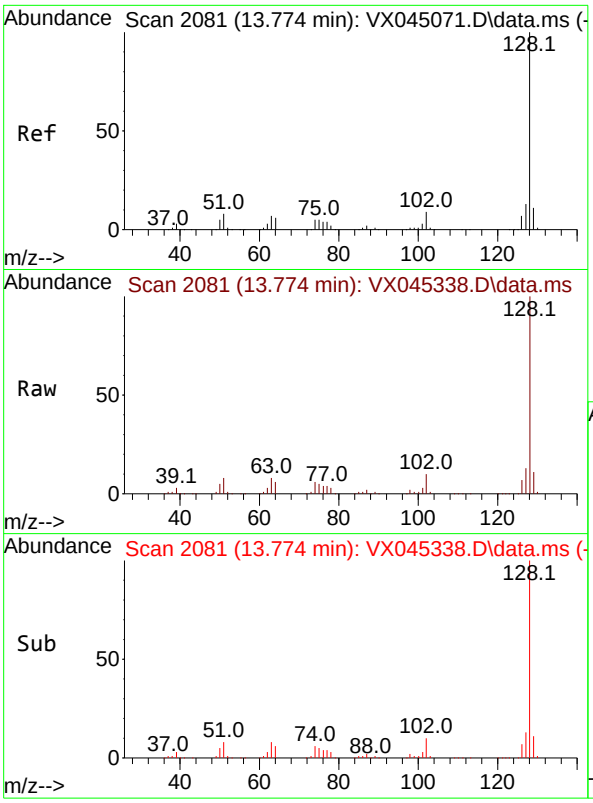


#94
Hexachlorobutadiene
Concen: 58.460 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion:225 Resp: 25788

Ion	Ratio	Lower	Upper
225	100		
223	60.2	31.9	95.7
227	62.1	31.4	94.0

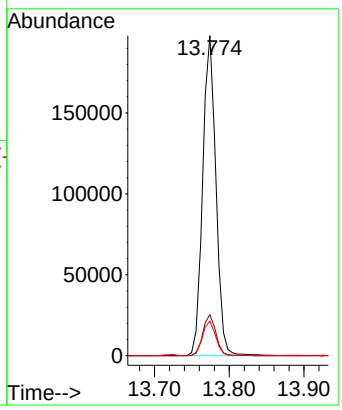




#95
Naphthalene
Concen: 58.751 ug/l
RT: 13.774 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion:128 Resp: 24287

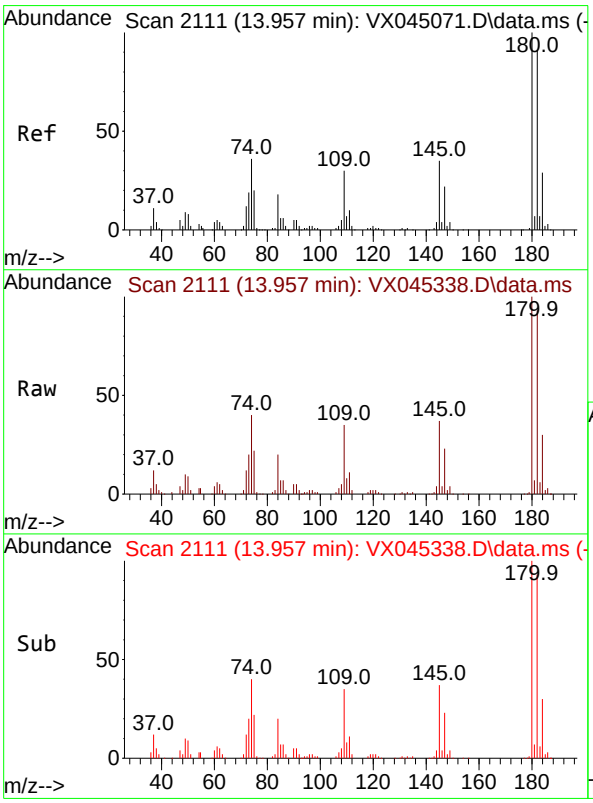
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	10.8	8.7	13.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

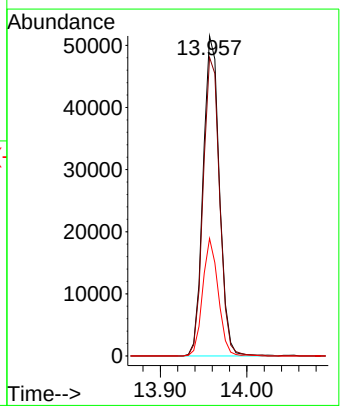
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#96
1,2,3-Trichlorobenzene
Concen: 59.320 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion:180 Resp: 67333

Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.5	142.6
145	35.1	17.0	50.9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045338.D
Acq On : 18 Mar 2025 20:16
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Mar 19 01:51:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 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	81	0.00
2	T	Dichlorodifluoromethane	0.629	0.613	2.5	80	0.00
3	P	Chloromethane	0.770	0.675	12.3	73	0.00
4	C	Vinyl Chloride	0.764	0.692	9.4#	74	0.00
5	T	Bromomethane	0.300	0.300	0.0	84	0.00
6	T	Chloroethane	0.352	0.317	9.9	69	0.00
7	T	Trichlorofluoromethane	1.011	1.031	-2.0	80	0.00
8	T	Diethyl Ether	0.396	0.379	4.3	80	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.581	0.667	-14.8	91	0.00
10	T	Methyl Iodide	0.726	0.784	-8.0	83	0.00
11	T	Tert butyl alcohol	0.151	0.126	16.6	77	0.00
12	CM	1,1-Dichloroethene	0.614	0.645	-5.0#	84	0.00
13	T	Acrolein	0.174	0.175	-0.6	82	0.00
14	T	Allyl chloride	1.094	1.218	-11.3	90	0.00
15	T	Acrylonitrile	0.404	0.419	-3.7	83	0.00
16	T	Acetone	0.369	0.378	-2.4	88	0.00
17	T	Carbon Disulfide	1.636	1.376	15.9	68	0.00
18	T	Methyl Acetate	0.888	1.198	-34.9#	113	0.00
19	T	Methyl tert-butyl Ether	2.061	2.347	-13.9	92	0.00
20	T	Methylene Chloride	0.731	0.762	-4.2	89	0.00
21	T	trans-1,2-Dichloroethene	0.607	0.652	-7.4	84	0.00
22	T	Diisopropyl ether	2.224	2.530	-13.8	90	0.00
23	T	Vinyl Acetate	1.856	2.102	-13.3	87	0.00
24	P	1,1-Dichloroethane	1.247	1.406	-12.8	92	0.00
25	T	2-Butanone	0.555	0.589	-6.1	83	0.00
26	T	2,2-Dichloropropane	0.585	0.861	-47.2#	118	0.00
27	T	cis-1,2-Dichloroethene	0.749	0.827	-10.4	88	0.00
28	T	Bromochloromethane	0.594	0.656	-10.4	89	0.00
29	T	Tetrahydrofuran	0.373	0.380	-1.9	83	0.00
30	C	Chloroform	1.239	1.421	-14.7#	93	0.00
31	T	Cyclohexane	1.082	1.119	-3.4	82	0.00
32	T	1,1,1-Trichloroethane	1.000	1.177	-17.7	94	0.00
33	S	1,2-Dichloroethane-d4	0.795	0.973	-22.4	105	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	81	0.00
35	S	Dibromofluoromethane	0.334	0.396	-18.6	97	0.00
36	T	1,1-Dichloropropene	0.459	0.498	-8.5	86	0.00
37	T	Ethyl Acetate	0.591	0.628	-6.3	84	0.00
38	T	Carbon Tetrachloride	0.465	0.533	-14.6	92	0.00
39	T	Methylcyclohexane	0.549	0.616	-12.2	85	0.00
40	TM	Benzene	1.448	1.576	-8.8	85	0.00
41	T	Methacrylonitrile	0.319	0.354	-11.0	84	0.00
42	TM	1,2-Dichloroethane	0.521	0.625	-20.0	96	0.00
43	T	Isopropyl Acetate	0.874	0.999	-14.3	87	0.00
44	TM	Trichloroethene	0.340	0.369	-8.5	87	0.00
45	C	1,2-Dichloropropane	0.372	0.418	-12.4#	91	0.00
46	T	Dibromomethane	0.263	0.299	-13.7	90	0.00
47	T	Bromodichloromethane	0.516	0.602	-16.7	93	0.00
48	T	Methyl methacrylate	0.438	0.508	-16.0	89	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045338.D
Acq On : 18 Mar 2025 20:16
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Mar 19 01:51:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 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	0.009	0.009	0.0	73	0.00
50	S	Toluene-d8	1.212	1.395	-15.1	93	0.00
51	T	4-Methyl-2-Pentanone	0.587	0.651	-10.9	86	0.00
52	CM	Toluene	0.849	0.954	-12.4#	86	0.00
53	T	t-1,3-Dichloropropene	0.431	0.523	-21.3	90	0.00
54	T	cis-1,3-Dichloropropene	0.503	0.601	-19.5	91	0.00
55	T	1,1,2-Trichloroethane	0.350	0.385	-10.0	87	0.00
56	T	Ethyl methacrylate	0.532	0.624	-17.3	89	0.00
57	T	1,3-Dichloropropane	0.605	0.673	-11.2	88	0.00
58	T	2-Chloroethyl Vinyl ether	0.259	0.326	-25.9#	93	0.00
59	T	2-Hexanone	0.425	0.472	-11.1	85	0.00
60	T	Dibromochloromethane	0.366	0.413	-12.8	87	0.00
61	T	1,2-Dibromoethane	0.349	0.387	-10.9	88	0.00
62	S	4-Bromofluorobenzene	0.402	0.479	-19.2	96	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	79	0.00
64	T	Tetrachloroethene	0.320	0.359	-12.2	88	0.00
65	PM	Chlorobenzene	1.058	1.176	-11.2	85	0.00
66	T	1,1,1,2-Tetrachloroethane	0.352	0.397	-12.8	88	0.00
67	C	Ethyl Benzene	1.843	2.137	-16.0#	87	0.00
68	T	m/p-Xylenes	0.675	0.777	-15.1	85	0.00
69	T	o-Xylene	0.681	0.758	-11.3	85	0.00
70	T	Styrene	1.101	1.274	-15.7	85	0.00
71	P	Bromoform	0.266	0.297	-11.7	85	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	80	0.00
73	T	Isopropylbenzene	3.903	4.486	-14.9	87	0.00
74	T	N-amyl acetate	1.831	2.164	-18.2	88	0.00
75	P	1,1,2,2-Tetrachloroethane	1.432	1.566	-9.4	89	0.00
76	T	1,2,3-Trichloropropane	1.164	1.285	-10.4	90	0.00
77	T	Bromobenzene	0.921	1.013	-10.0	87	0.00
78	T	n-propylbenzene	4.409	5.197	-17.9	87	0.00
79	T	2-Chlorotoluene	2.808	3.108	-10.7	87	0.00
80	T	1,3,5-Trimethylbenzene	3.156	3.666	-16.2	87	0.00
81	T	trans-1,4-Dichloro-2-butene	0.340	0.367	-7.9	87	0.00
82	T	4-Chlorotoluene	3.060	3.570	-16.7	89	0.00
83	T	tert-Butylbenzene	3.242	3.697	-14.0	88	0.00
84	T	1,2,4-Trimethylbenzene	3.175	3.693	-16.3	88	0.00
85	T	sec-Butylbenzene	3.884	4.650	-19.7	89	0.00
86	T	p-Isopropyltoluene	3.139	3.780	-20.4	89	0.00
87	T	1,3-Dichlorobenzene	1.643	1.847	-12.4	89	0.00
88	T	1,4-Dichlorobenzene	1.662	1.846	-11.1	88	0.00
89	T	n-Butylbenzene	2.703	3.370	-24.7	90	0.00
90	T	Hexachloroethane	0.568	0.631	-11.1	84	0.00
91	T	1,2-Dichlorobenzene	1.648	1.889	-14.6	91	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.279	0.331	-18.6	92	0.00
93	T	1,2,4-Trichlorobenzene	0.938	1.113	-18.7	89	0.00
94	T	Hexachlorobutadiene	0.385	0.450	-16.9	92	0.00
95	T	Naphthalene	3.605	4.236	-17.5	87	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045338.D
Acq On : 18 Mar 2025 20:16
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Mar 19 01:51:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 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	0.990	1.174	-18.6	89	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045338.D
Acq On : 18 Mar 2025 20:16
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Mar 19 01:51:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 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	81	0.00
2	T	Dichlorodifluoromethane	50.000	48.729	2.5	80	0.00
3	P	Chloromethane	50.000	43.793	12.4	73	0.00
4	C	Vinyl Chloride	50.000	45.305	9.4#	74	0.00
5	T	Bromomethane	50.000	49.983	0.0	84	0.00
6	T	Chloroethane	50.000	44.936	10.1	69	0.00
7	T	Trichlorofluoromethane	50.000	50.964	-1.9	80	0.00
8	T	Diethyl Ether	50.000	47.945	4.1	80	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	57.352	-14.7	91	0.00
10	T	Methyl Iodide	50.000	53.969	-7.9	83	0.00
11	T	Tert butyl alcohol	250.000	209.210	16.3	77	0.00
12	CM	1,1-Dichloroethene	50.000	52.468	-4.9#	84	0.00
13	T	Acrolein	250.000	250.658	-0.3	82	0.00
14	T	Allyl chloride	50.000	55.680	-11.4	90	0.00
15	T	Acrylonitrile	250.000	259.486	-3.8	83	0.00
16	T	Acetone	250.000	255.968	-2.4	88	0.00
17	T	Carbon Disulfide	50.000	42.049	15.9	68	0.00
18	T	Methyl Acetate	50.000	67.463	-34.9#	113	0.00
19	T	Methyl tert-butyl Ether	50.000	56.941	-13.9	92	0.00
20	T	Methylene Chloride	50.000	52.125	-4.3	89	0.00
21	T	trans-1,2-Dichloroethene	50.000	53.680	-7.4	84	0.00
22	T	Diisopropyl ether	50.000	56.869	-13.7	90	0.00
23	T	Vinyl Acetate	250.000	283.056	-13.2	87	0.00
24	P	1,1-Dichloroethane	50.000	56.414	-12.8	92	0.00
25	T	2-Butanone	250.000	265.213	-6.1	83	0.00
26	T	2,2-Dichloropropane	50.000	73.651	-47.3#	118	0.00
27	T	cis-1,2-Dichloroethene	50.000	55.166	-10.3	88	0.00
28	T	Bromochloromethane	50.000	55.186	-10.4	89	0.00
29	T	Tetrahydrofuran	250.000	254.403	-1.8	83	0.00
30	C	Chloroform	50.000	57.373	-14.7#	93	0.00
31	T	Cyclohexane	50.000	51.717	-3.4	82	0.00
32	T	1,1,1-Trichloroethane	50.000	58.821	-17.6	94	0.00
33	S	1,2-Dichloroethane-d4	50.000	61.200	-22.4	105	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	81	0.00
35	S	Dibromofluoromethane	50.000	59.296	-18.6	97	0.00
36	T	1,1-Dichloropropene	50.000	54.316	-8.6	86	0.00
37	T	Ethyl Acetate	50.000	53.112	-6.2	84	0.00
38	T	Carbon Tetrachloride	50.000	57.276	-14.6	92	0.00
39	T	Methylcyclohexane	50.000	56.101	-12.2	85	0.00
40	TM	Benzene	50.000	54.440	-8.9	85	0.00
41	T	Methacrylonitrile	50.000	55.396	-10.8	84	0.00
42	TM	1,2-Dichloroethane	50.000	59.907	-19.8	96	0.00
43	T	Isopropyl Acetate	50.000	57.177	-14.4	87	0.00
44	TM	Trichloroethene	50.000	54.201	-8.4	87	0.00
45	C	1,2-Dichloropropane	50.000	56.158	-12.3#	91	0.00
46	T	Dibromomethane	50.000	56.759	-13.5	90	0.00
47	T	Bromodichloromethane	50.000	58.336	-16.7	93	0.00
48	T	Methyl methacrylate	50.000	57.992	-16.0	89	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045338.D
Acq On : 18 Mar 2025 20:16
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Mar 19 01:51:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 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	924.511	7.5	73	0.00
50	S	Toluene-d8	50.000	57.538	-15.1	93	0.00
51	T	4-Methyl-2-Pentanone	250.000	277.341	-10.9	86	0.00
52	CM	Toluene	50.000	56.134	-12.3#	86	0.00
53	T	t-1,3-Dichloropropene	50.000	60.605	-21.2	90	0.00
54	T	cis-1,3-Dichloropropene	50.000	59.696	-19.4	91	0.00
55	T	1,1,2-Trichloroethane	50.000	55.051	-10.1	87	0.00
56	T	Ethyl methacrylate	50.000	58.695	-17.4	89	0.00
57	T	1,3-Dichloropropane	50.000	55.593	-11.2	88	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	314.370	-25.7#	93	0.00
59	T	2-Hexanone	250.000	277.843	-11.1	85	0.00
60	T	Dibromochloromethane	50.000	56.538	-13.1	87	0.00
61	T	1,2-Dibromoethane	50.000	55.404	-10.8	88	0.00
62	S	4-Bromofluorobenzene	50.000	59.628	-19.3	96	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	79	0.00
64	T	Tetrachloroethene	50.000	56.125	-12.3	88	0.00
65	PM	Chlorobenzene	50.000	55.590	-11.2	85	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	56.285	-12.6	88	0.00
67	C	Ethyl Benzene	50.000	57.969	-15.9#	87	0.00
68	T	m/p-Xylenes	100.000	115.095	-15.1	85	0.00
69	T	o-Xylene	50.000	55.670	-11.3	85	0.00
70	T	Styrene	50.000	57.851	-15.7	85	0.00
71	P	Bromoform	50.000	55.853	-11.7	85	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	80	0.00
73	T	Isopropylbenzene	50.000	57.476	-15.0	87	0.00
74	T	N-amyl acetate	50.000	59.082	-18.2	88	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	54.683	-9.4	89	0.00
76	T	1,2,3-Trichloropropane	50.000	55.214	-10.4	90	0.00
77	T	Bromobenzene	50.000	55.031	-10.1	87	0.00
78	T	n-propylbenzene	50.000	58.944	-17.9	87	0.00
79	T	2-Chlorotoluene	50.000	55.342	-10.7	87	0.00
80	T	1,3,5-Trimethylbenzene	50.000	58.095	-16.2	87	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	53.903	-7.8	87	0.00
82	T	4-Chlorotoluene	50.000	58.329	-16.7	89	0.00
83	T	tert-Butylbenzene	50.000	57.007	-14.0	88	0.00
84	T	1,2,4-Trimethylbenzene	50.000	58.152	-16.3	88	0.00
85	T	sec-Butylbenzene	50.000	59.861	-19.7	89	0.00
86	T	p-Isopropyltoluene	50.000	60.215	-20.4	89	0.00
87	T	1,3-Dichlorobenzene	50.000	56.221	-12.4	89	0.00
88	T	1,4-Dichlorobenzene	50.000	55.548	-11.1	88	0.00
89	T	n-Butylbenzene	50.000	62.324	-24.6	90	0.00
90	T	Hexachloroethane	50.000	55.617	-11.2	84	0.00
91	T	1,2-Dichlorobenzene	50.000	57.330	-14.7	91	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	59.282	-18.6	92	0.00
93	T	1,2,4-Trichlorobenzene	50.000	59.330	-18.7	89	0.00
94	T	Hexachlorobutadiene	50.000	58.460	-16.9	92	0.00
95	T	Naphthalene	50.000	58.751	-17.5	87	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045338.D
Acq On : 18 Mar 2025 20:16
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Mar 19 01:51:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 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	59.320	-18.6	89	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

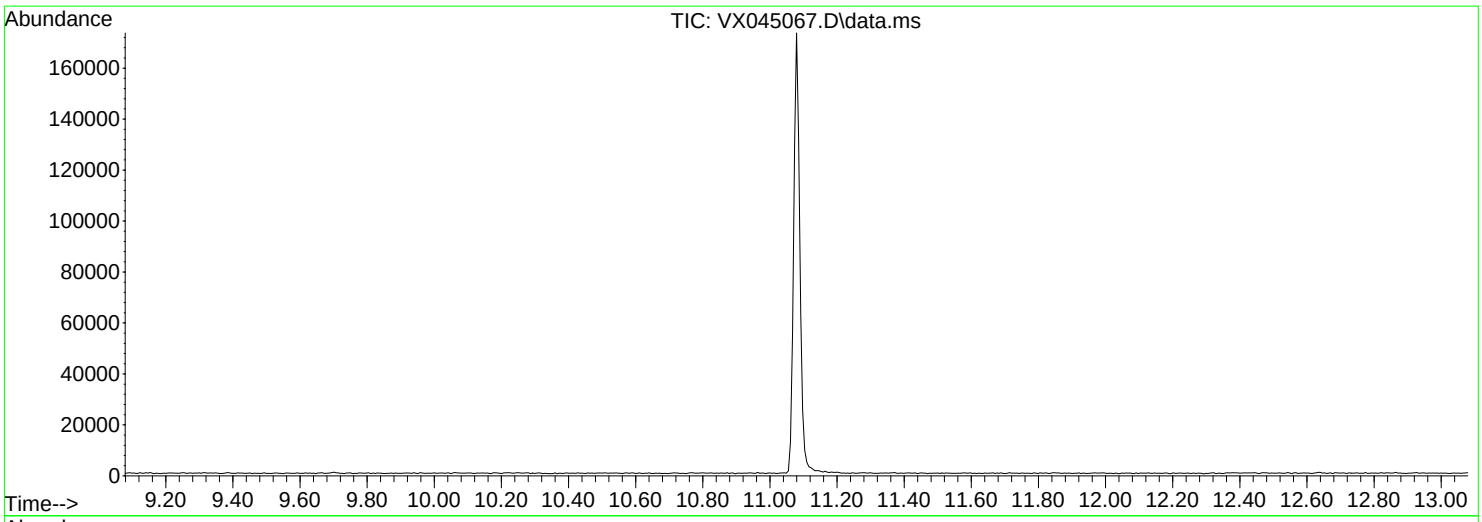
QC SAMPLE DATA

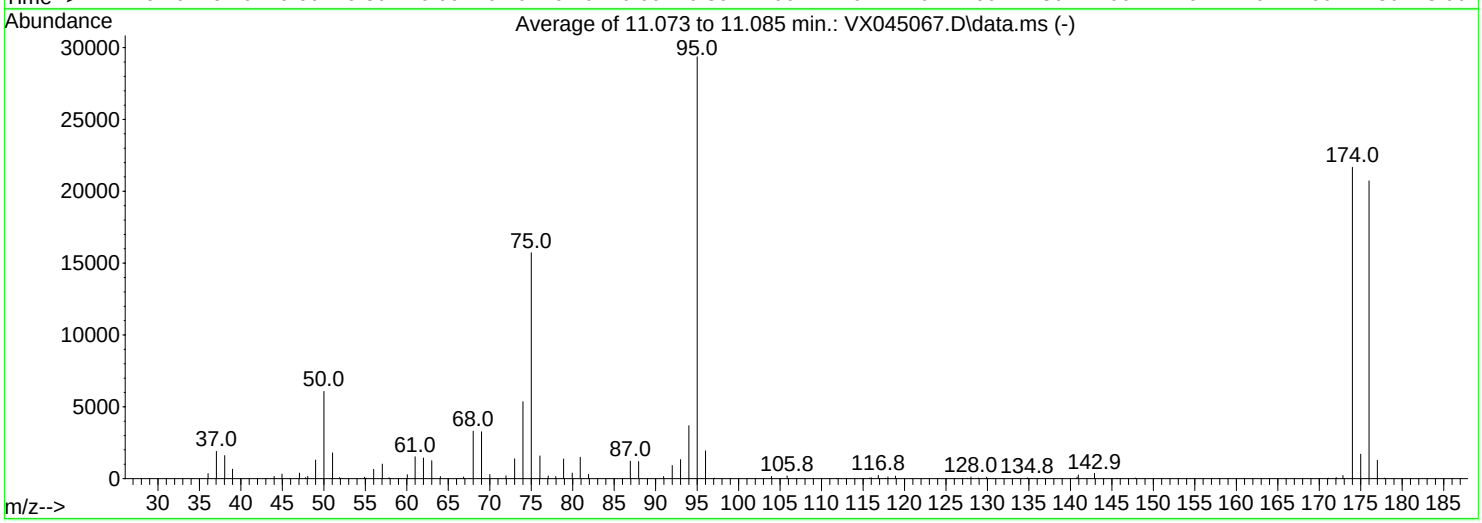
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045067.D
Acq On : 28 Feb 2025 01:03
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Title : SW846 8260
Last Update : Fri Feb 28 06:45:16 2025





AutoFind: Scans 1638, 1639, 1640; Background Corrected with Scan 1632

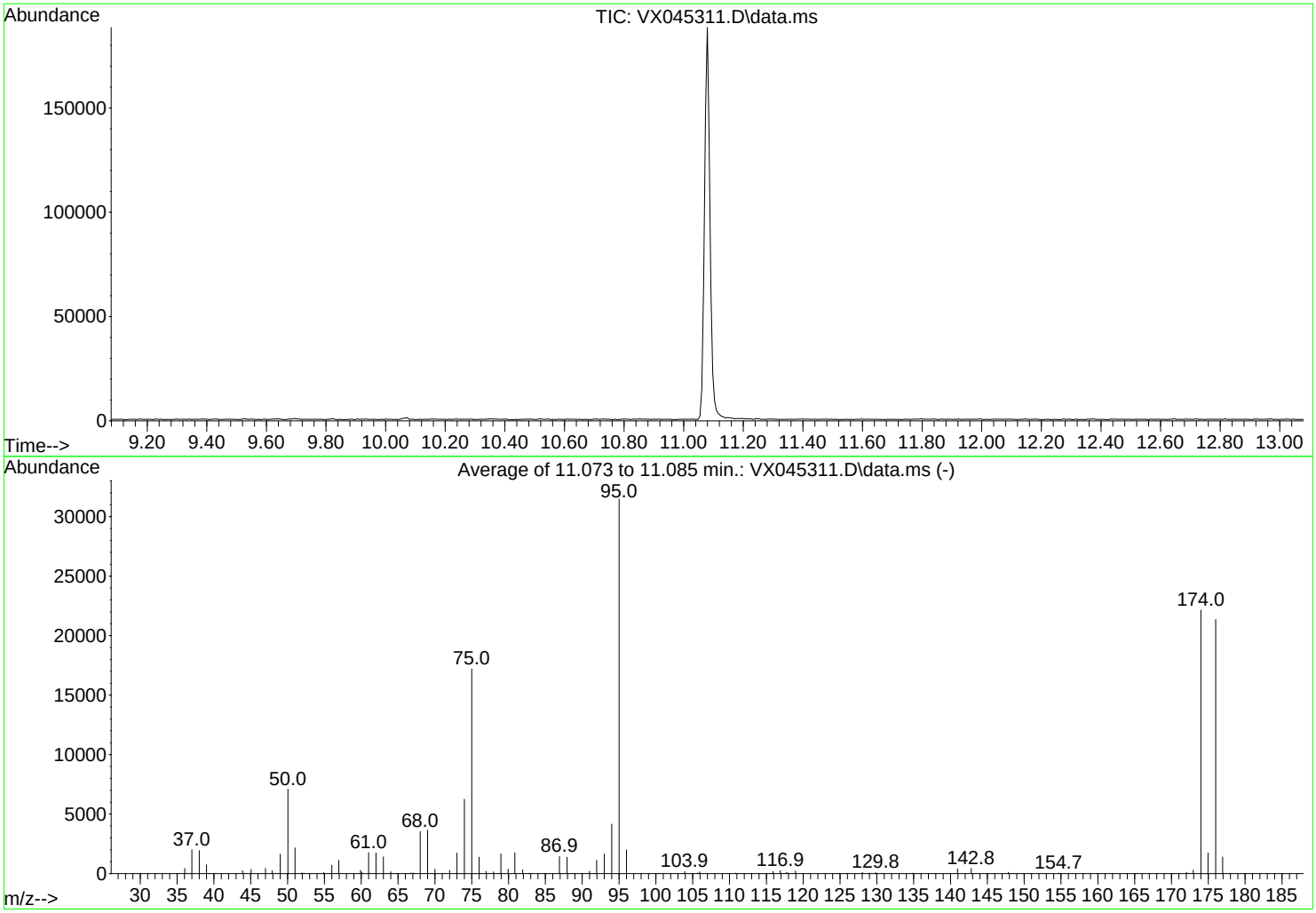
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.7	6072	PASS
75	95	30	60	53.6	15726	PASS
95	95	100	100	100.0	29360	PASS
96	95	5	9	6.6	1942	PASS
173	174	0.00	2	1.0	219	PASS
174	95	50	100	73.8	21677	PASS
175	174	5	9	7.9	1702	PASS
176	174	95	101	95.6	20723	PASS
177	176	5	9	6.2	1277	PASS

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045311.D
Acq On : 18 Mar 2025 09:33
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\82X022825W.M
Title : SW846 8260
Last Update : Fri Feb 28 06:45:16 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	22.5	7091	PASS
75	95	30	60	54.6	17201	PASS
95	95	100	100	100.0	31485	PASS
96	95	5	9	6.4	2001	PASS
173	174	0.00	2	1.4	302	PASS
174	95	50	100	70.3	22144	PASS
175	174	5	9	7.9	1739	PASS
176	174	95	101	96.5	21373	PASS
177	176	5	9	6.6	1401	PASS

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:	VX0318WBL01	SDG No.:	Q1557
Lab Sample ID:	VX0318WBL01	Matrix:	Water
Analytical Method:	SW8260	% 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
VX045314.D	1		03/18/25 10:53	VX031825

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:	
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	
Client Sample ID:	VX0318WBL01	SDG No.:	Q1557
Lab Sample ID:	VX0318WBL01	Matrix:	Water
Analytical Method:	SW8260	% 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
VX045314.D	1		03/18/25 10:53	VX031825

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	56.3		81 - 118		113%	SPK: 50
1868-53-7	Dibromofluoromethane	54.0		80 - 119		108%	SPK: 50
2037-26-5	Toluene-d8	52.3		89 - 112		105%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.2		85 - 114		104%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	67000	5.544				
540-36-3	1,4-Difluorobenzene	131000	6.757				
3114-55-4	Chlorobenzene-d5	118000	10.049				
3855-82-1	1,4-Dichlorobenzene-d4	46400	12.018				

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:	VX0318WBL01	SDG No.:	Q1557
Lab Sample ID:	VX0318WBL01	Matrix:	Water
Analytical Method:	SW8260	% 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
VX045314.D	1		03/18/25 10:53	VX031825

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\VX031825\
Data File : VX045314.D
Acq On : 18 Mar 2025 10:53
Operator : JC/MD
Sample : VX0318WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBL01

Quant Time: Mar 19 01:39:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	66984	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	130552	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	117786	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	46358	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59994	56.307	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.620%			
35) Dibromofluoromethane	5.379	113	47101	53.955	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.920%			
50) Toluene-d8	8.647	98	165615	52.330	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.660%			
62) 4-Bromofluorobenzene	11.079	95	54760	52.216	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.440%			

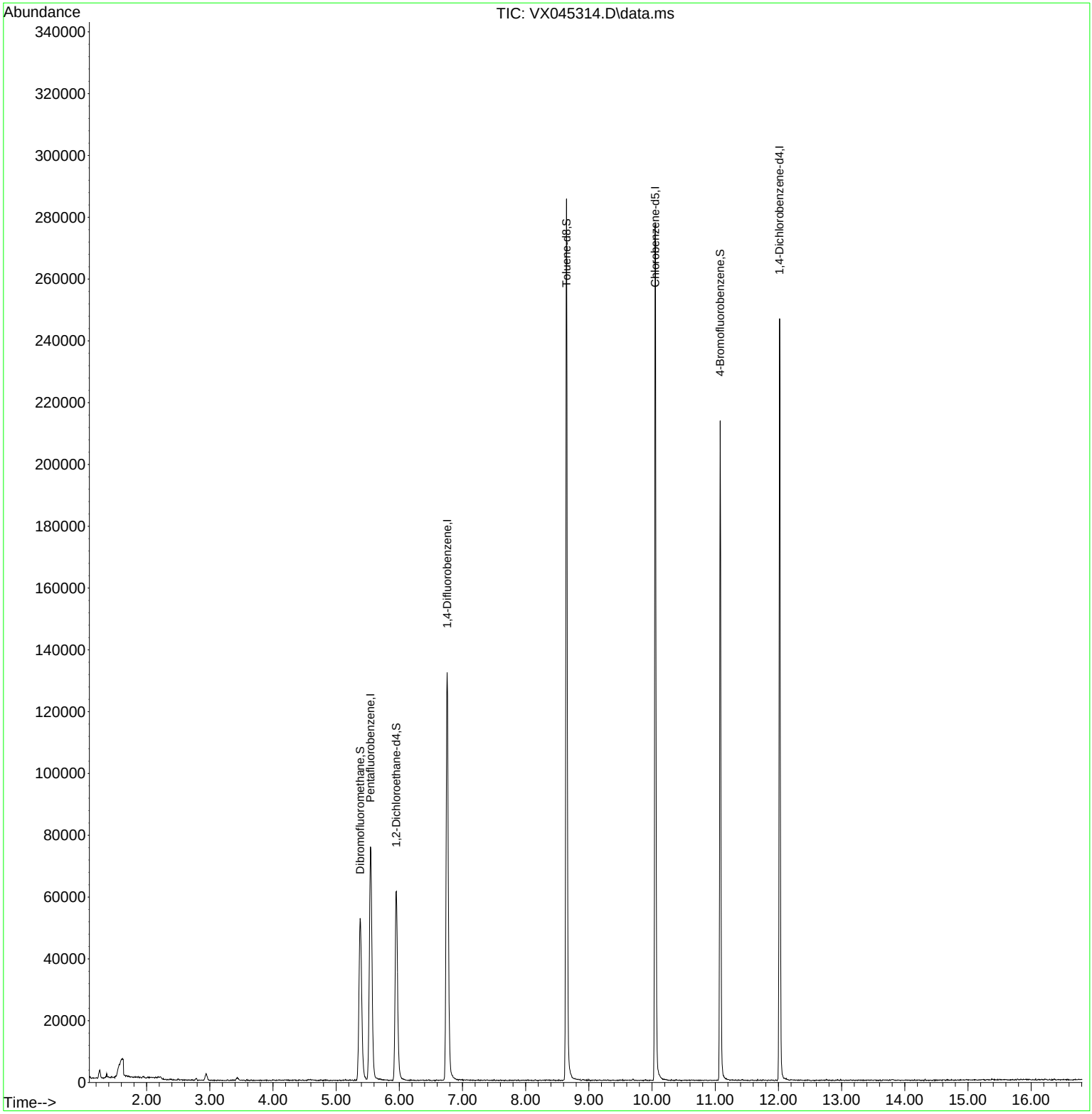
Target Compounds Qvalue

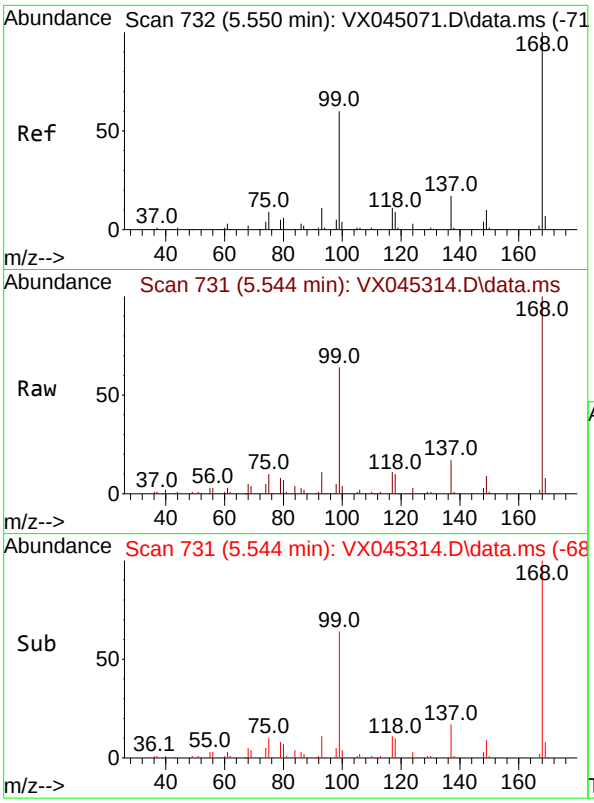
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045314.D
Acq On : 18 Mar 2025 10:53
Operator : JC/MD
Sample : VX0318WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBL01

Quant Time: Mar 19 01:39:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration



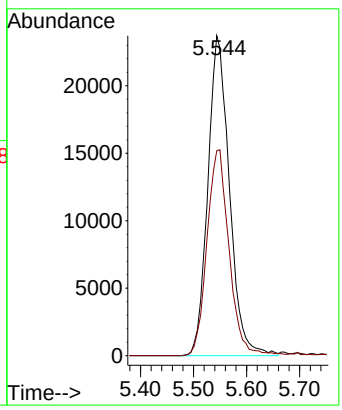


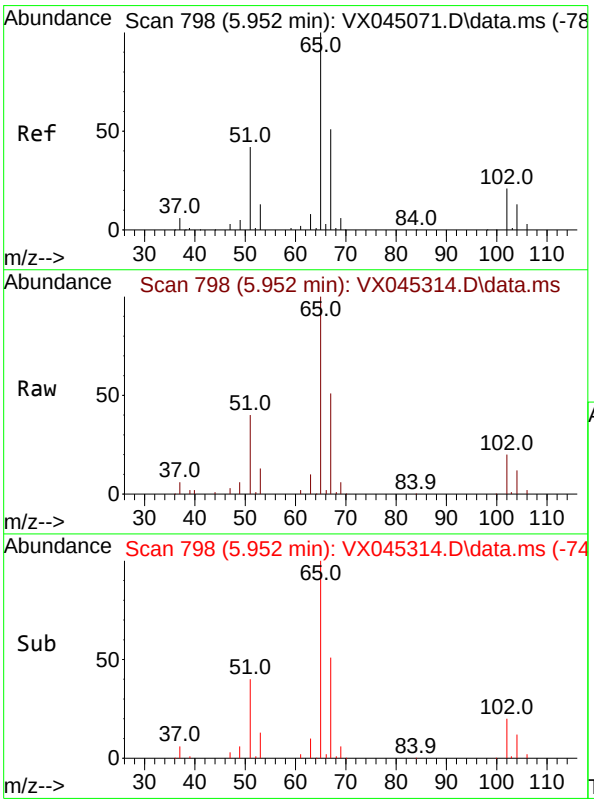
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045314.D
Acq: 18 Mar 2025 10:53

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBL01

Tgt Ion:168 Resp: 66984

Ion	Ratio	Lower	Upper
168	100		
99	64.0	48.2	72.4

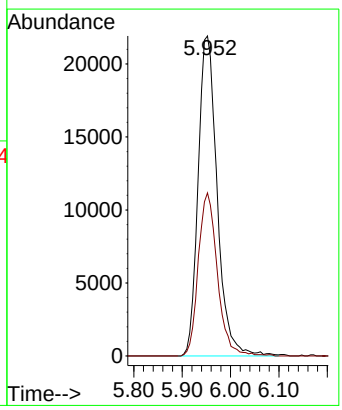


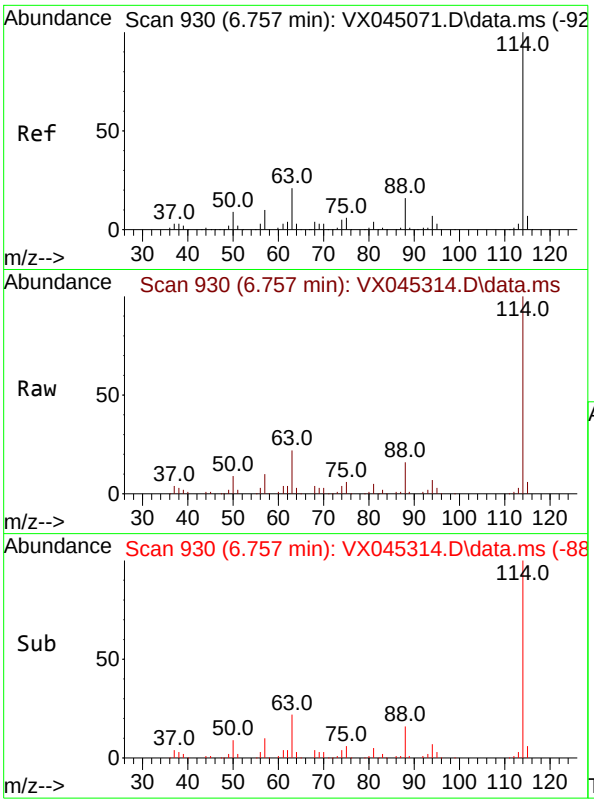


#33
1,2-Dichloroethane-d4
Concen: 56.307 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045314.D
Acq: 18 Mar 2025 10:53

Tgt Ion: 65 Resp: 59994

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	106.2



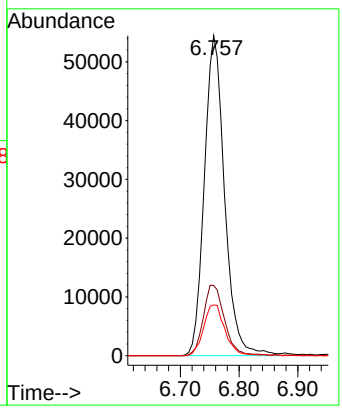


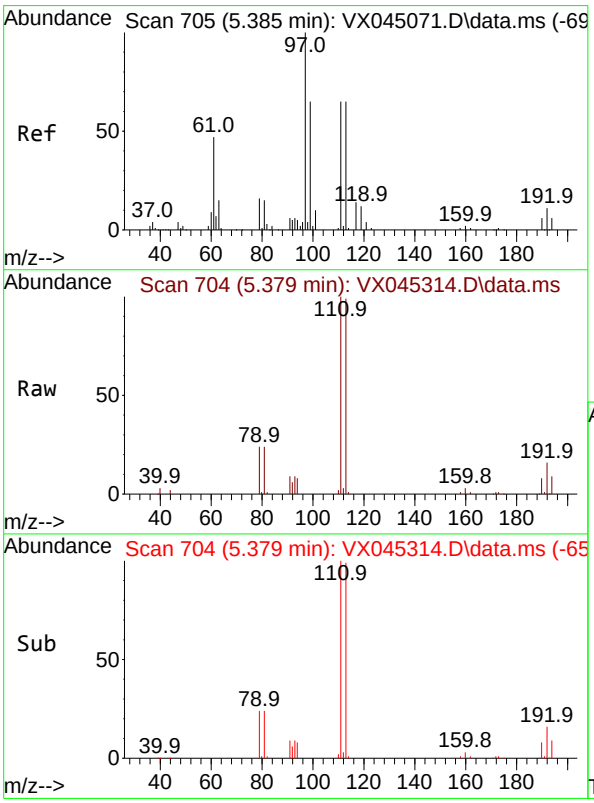
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX045314.D
Acq: 18 Mar 2025 10:53

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBL01

Tgt Ion:114 Resp: 130552

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	41.8
88	15.9	0.0	32.8

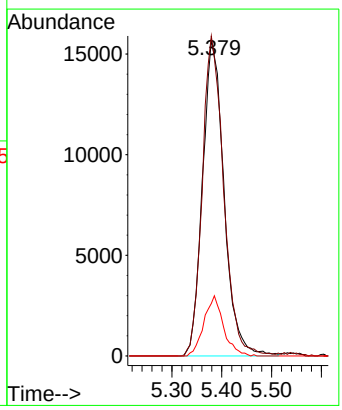


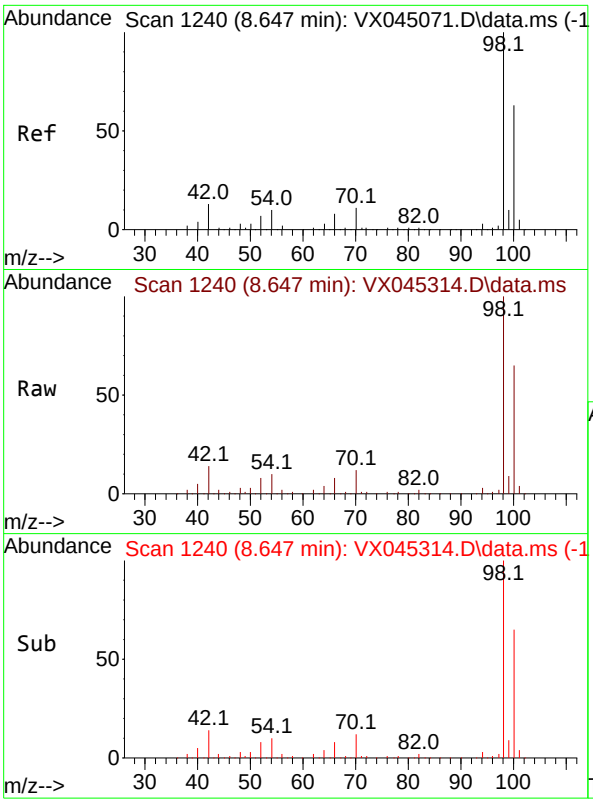


#35
Dibromofluoromethane
Concen: 53.955 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045314.D
Acq: 18 Mar 2025 10:53

Tgt Ion:113 Resp: 47101

Ion	Ratio	Lower	Upper
113	100		
111	100.4	81.8	122.6
192	17.3	14.3	21.5



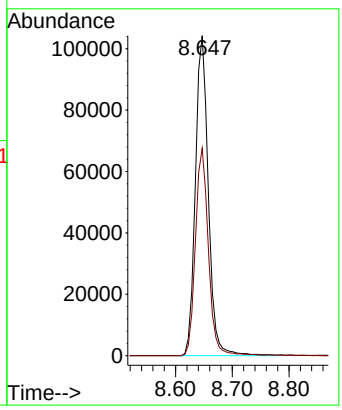


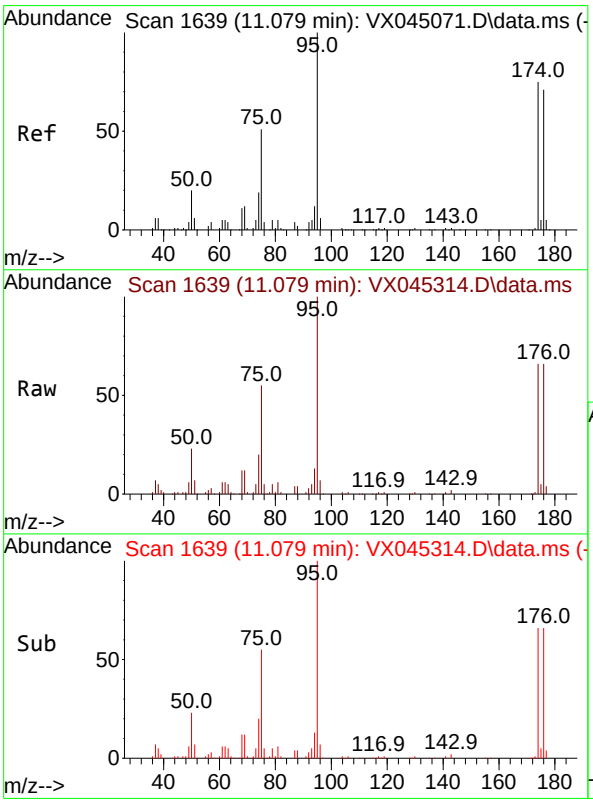
#50
Toluene-d8
Concen: 52.330 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045314.D
Acq: 18 Mar 2025 10:53

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBL01

Tgt Ion: 98 Resp: 165615

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.0	78.0

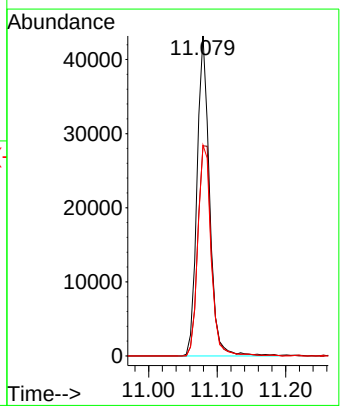


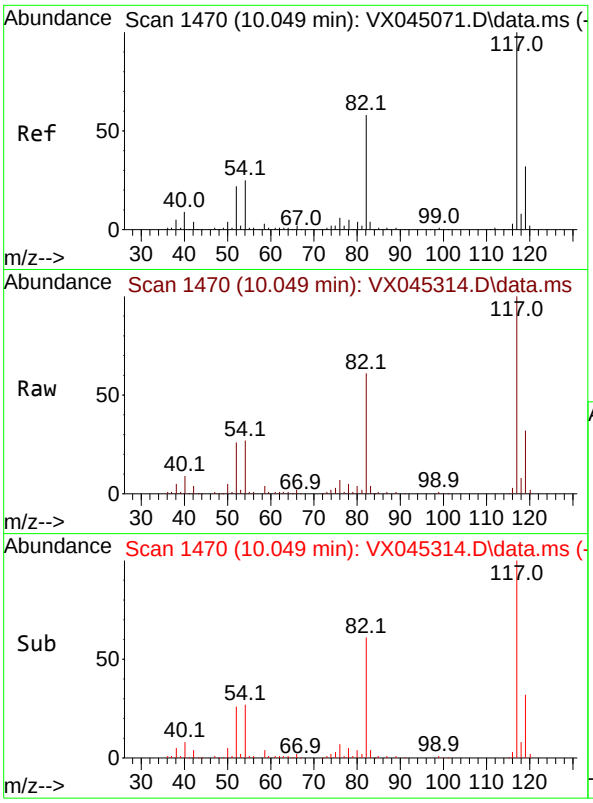


#62
4-Bromofluorobenzene
Concen: 52.216 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045314.D
Acq: 18 Mar 2025 10:53

Tgt Ion: 95 Resp: 54760

Ion	Ratio	Lower	Upper
95	100		
174	71.8	0.0	148.2
176	70.1	0.0	141.4



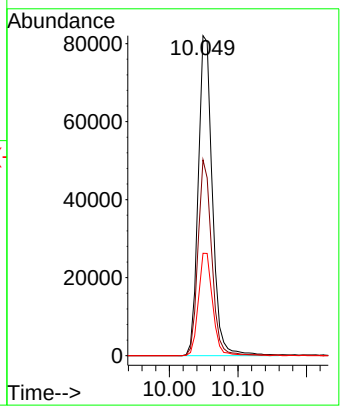


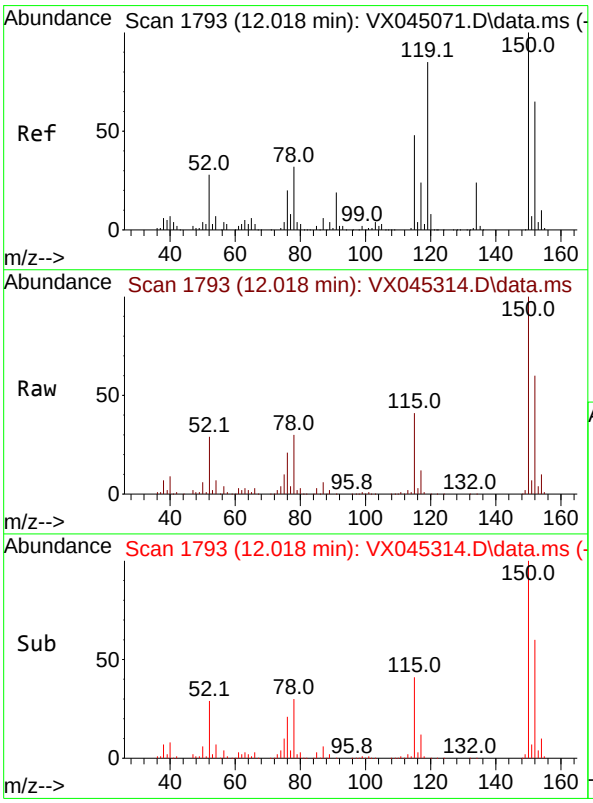
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX045314.D
Acq: 18 Mar 2025 10:53

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBL01

Tgt Ion:117 Resp: 117786

Ion	Ratio	Lower	Upper
117	100		
82	61.2	46.3	69.5
119	32.0	25.7	38.5

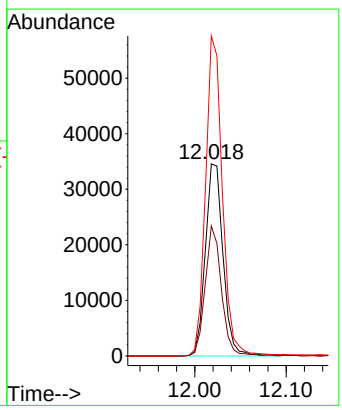




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045314.D
Acq: 18 Mar 2025 10:53

Tgt Ion:152 Resp: 46358

Ion	Ratio	Lower	Upper
152	100		
115	62.3	44.2	132.6
150	158.8	0.0	349.0



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

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	
Client Sample ID:	VX0318WBS01	SDG No.:	Q1557
Lab Sample ID:	VX0318WBS01	Matrix:	Water
Analytical Method:	SW8260	% 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
VX045315.D	1		03/18/25 11:16	VX031825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	18.6		0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	16.7		0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	15.9		0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	18.2		1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	20.3		0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	18.6		0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	20.8		0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	18.5		0.23	0.75	1.00	ug/L
67-64-1	Acetone	99.4		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	14.6		0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	19.8		0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	24.5		0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	18.8		0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.7		0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.7		0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	18.6		1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	100		0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.7		0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.6		0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	21.8		0.22	0.50	1.00	ug/L
67-66-3	Chloroform	20.5		0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	20.0		0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	19.8		0.16	0.50	1.00	ug/L
71-43-2	Benzene	19.7		0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	21.3		0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	18.9		0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.8		0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	20.6		0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.68	2.50	5.00	ug/L
108-88-3	Toluene	20.5		0.14	0.50	1.00	ug/L

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

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	
Client Sample ID:	VX0318WBS01	SDG No.:	Q1557
Lab Sample ID:	VX0318WBS01	Matrix:	Water
Analytical Method:	SW8260	% 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
VX045315.D	1		03/18/25 11:16	VX031825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	20.4		0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	21.2		0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.5		0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	110		0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	20.3		0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	20.4		0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	20.0		0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	19.9		0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	20.3		0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	41.2		0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	20.1		0.12	0.50	1.00	ug/L
100-42-5	Styrene	20.9		0.15	0.50	1.00	ug/L
75-25-2	Bromoform	20.0		0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	21.0		0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	20.2		0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	20.2		0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	19.9		0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	20.5		0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	20.1		0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	19.7		0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	19.7		0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	53.2		81 - 118		106%	SPK: 50
1868-53-7	Dibromofluoromethane	52.9		80 - 119		106%	SPK: 50
2037-26-5	Toluene-d8	51.2		89 - 112		102%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.1		85 - 114		108%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	101000	5.55				
540-36-3	1,4-Difluorobenzene	180000	6.757				
3114-55-4	Chlorobenzene-d5	159000	10.049				
3855-82-1	1,4-Dichlorobenzene-d4	70600	12.018				

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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:	VX0318WBS01	SDG No.:	Q1557
Lab Sample ID:	VX0318WBS01	Matrix:	Water
Analytical Method:	SW8260	% 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
VX045315.D	1		03/18/25 11:16	VX031825

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\VX031825\
Data File : VX045315.D
Acq On : 18 Mar 2025 11:16
Operator : JC/MD
Sample : VX0318WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 19 01:40:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Manual Integrations APPROVED
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	101216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	179978	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	159085	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	70581	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	85669	53.211	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.420%			
35) Dibromofluoromethane	5.379	113	63666	52.902	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.800%			
50) Toluene-d8	8.647	98	223393	51.202	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.400%			
62) 4-Bromofluorobenzene	11.079	95	78279	54.144	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.280%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	23648	18.561	ug/l	96
3) Chloromethane	1.307	50	26060	16.714	ug/l	96
4) Vinyl Chloride	1.374	62	24585	15.895	ug/l	99
5) Bromomethane	1.593	94	11086	18.232	ug/l	97
6) Chloroethane	1.666	64	14472	20.285	ug/l	97
7) Trichlorofluoromethane	1.874	101	38112	18.613	ug/l	98
8) Diethyl Ether	2.136	74	13147	16.415	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	24411	20.751	ug/l	98
10) Methyl Iodide	2.441	142	27544	18.736	ug/l	97
11) Tert butyl alcohol	2.977	59	23962	78.575	ug/l	97
12) 1,1-Dichloroethene	2.307	96	22967	18.466	ug/l	93
13) Acrolein	2.233	56	18007	51.080	ug/l	100
14) Allyl chloride	2.654	41	43853	19.808	ug/l	97
15) Acrylonitrile	3.062	53	81578	99.811	ug/l	99
16) Acetone	2.386	43	74275	99.433	ug/l	100
17) Carbon Disulfide	2.502	76	48265	14.570	ug/l	100
18) Methyl Acetate	2.703	43	44014	24.493	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	82507	19.773	ug/l	97
20) Methylene Chloride	2.782	84	27791	18.782	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	23029	18.742	ug/l	91
22) Diisopropyl ether	3.757	45	91341	20.287	ug/l #	79
23) Vinyl Acetate	3.721	43	368514	98.077	ug/l	100
24) 1,1-Dichloroethane	3.605	63	49698	19.695	ug/l	97
25) 2-Butanone	4.556	43	115779	102.970	ug/l	97
26) 2,2-Dichloropropane	4.477	77	33045	27.919	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	29728	19.599	ug/l	96
28) Bromochloromethane	4.898	49	26265	21.837	ug/l	100
29) Tetrahydrofuran	5.007	42	72963	96.628	ug/l	99
30) Chloroform	5.087	83	51341	20.477	ug/l	98
31) Cyclohexane	5.465	56	40755	18.606	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	40576	20.038	ug/l	99
36) 1,1-Dichloropropene	5.690	75	32750	19.843	ug/l	98
37) Ethyl Acetate	4.721	43	41898	19.701	ug/l	99
38) Carbon Tetrachloride	5.672	117	32994	19.691	ug/l	97
39) Methylcyclohexane	7.373	83	39221	19.833	ug/l	96
40) Benzene	6.031	78	102609	19.688	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045315.D
Acq On : 18 Mar 2025 11:16
Operator : JC/MD
Sample : VX0318WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 19 01:40:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.916	41	23090	20.079	ug/l		94
42) 1,2-Dichloroethane	6.086	62	39956	21.290	ug/l		98
43) Isopropyl Acetate	6.342	43	63959	20.338	ug/l		99
44) Trichloroethene	7.117	130	23097	18.874	ug/l		97
45) 1,2-Dichloropropane	7.428	63	26591	19.844	ug/l		98
46) Dibromomethane	7.580	93	19209	20.282	ug/l		99
47) Bromodichloromethane	7.818	83	38279	20.605	ug/l		97
48) Methyl methacrylate	7.690	41	32572	20.645	ug/l		96
49) 1,4-Dioxane	7.665	88	12054	362.201	ug/l		93
51) 4-Methyl-2-Pentanone	8.574	43	230272	109.054	ug/l		98
52) Toluene	8.714	92	62616	20.477	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	31720	20.424	ug/l		96
54) cis-1,3-Dichloropropene	8.360	75	38346	21.174	ug/l		93
55) 1,1,2-Trichloroethane	9.153	97	25793	20.490	ug/l		98
56) Ethyl methacrylate	9.116	69	39605	20.698	ug/l		94
57) 1,3-Dichloropropane	9.305	76	44804	20.567	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	88727	95.056	ug/l		99
59) 2-Hexanone	9.427	43	167637	109.574	ug/l		98
60) Dibromochloromethane	9.519	129	26686	20.275	ug/l		99
61) 1,2-Dibromoethane	9.610	107	25665	20.423	ug/l		99
64) Tetrachloroethene	9.269	164	20403	20.025	ug/l		96
65) Chlorobenzene	10.080	112	66830	19.853	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	22645	20.200	ug/l		97
67) Ethyl Benzene	10.189	91	119008	20.290	ug/l		99
68) m/p-Xylenes	10.299	106	88510	41.222	ug/l		98
69) o-Xylene	10.640	106	43529	20.101	ug/l		96
70) Styrene	10.653	104	73075	20.855	ug/l		98
71) Bromoform	10.799	173	16873	19.960	ug/l	#	96
73) Isopropylbenzene	10.957	105	115722	21.006	ug/l		99
74) N-amyl acetate	10.842	43	52935	20.478	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.207	83	40904	20.233	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	33063m	20.126	ug/l		
77) Bromobenzene	11.195	156	26393	20.305	ug/l		98
78) n-propylbenzene	11.299	91	133799	21.500	ug/l		98
79) 2-Chlorotoluene	11.360	91	81371	20.531	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	93706	21.036	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	9303	19.380	ug/l	#	83
82) 4-Chlorotoluene	11.451	91	90708	21.000	ug/l		100
83) tert-Butylbenzene	11.713	119	94270	20.597	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	95258	21.253	ug/l		99
85) sec-Butylbenzene	11.890	105	118093	21.540	ug/l		99
86) p-Isopropyltoluene	12.006	119	93774	21.165	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	46929	20.238	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	46719	19.915	ug/l		98
89) n-Butylbenzene	12.329	91	81793	21.434	ug/l		99
90) Hexachloroethane	12.536	117	15561	19.417	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	47575	20.453	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7898	20.053	ug/l		95
93) 1,2,4-Trichlorobenzene	13.585	180	26039	19.660	ug/l		99
94) Hexachlorobutadiene	13.725	225	11193	20.613	ug/l		99
95) Naphthalene	13.774	128	99469	19.547	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	27553	19.719	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045315.D
Acq On : 18 Mar 2025 11:16
Operator : JC/MD
Sample : VX0318WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 19 01:40:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

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\VX031825\
Data File : VX045315.D
Acq On : 18 Mar 2025 11:16
Operator : JC/MD
Sample : VX0318WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 19 01:40:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Instrument :
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ClientSampleId :
VX0318WBS01

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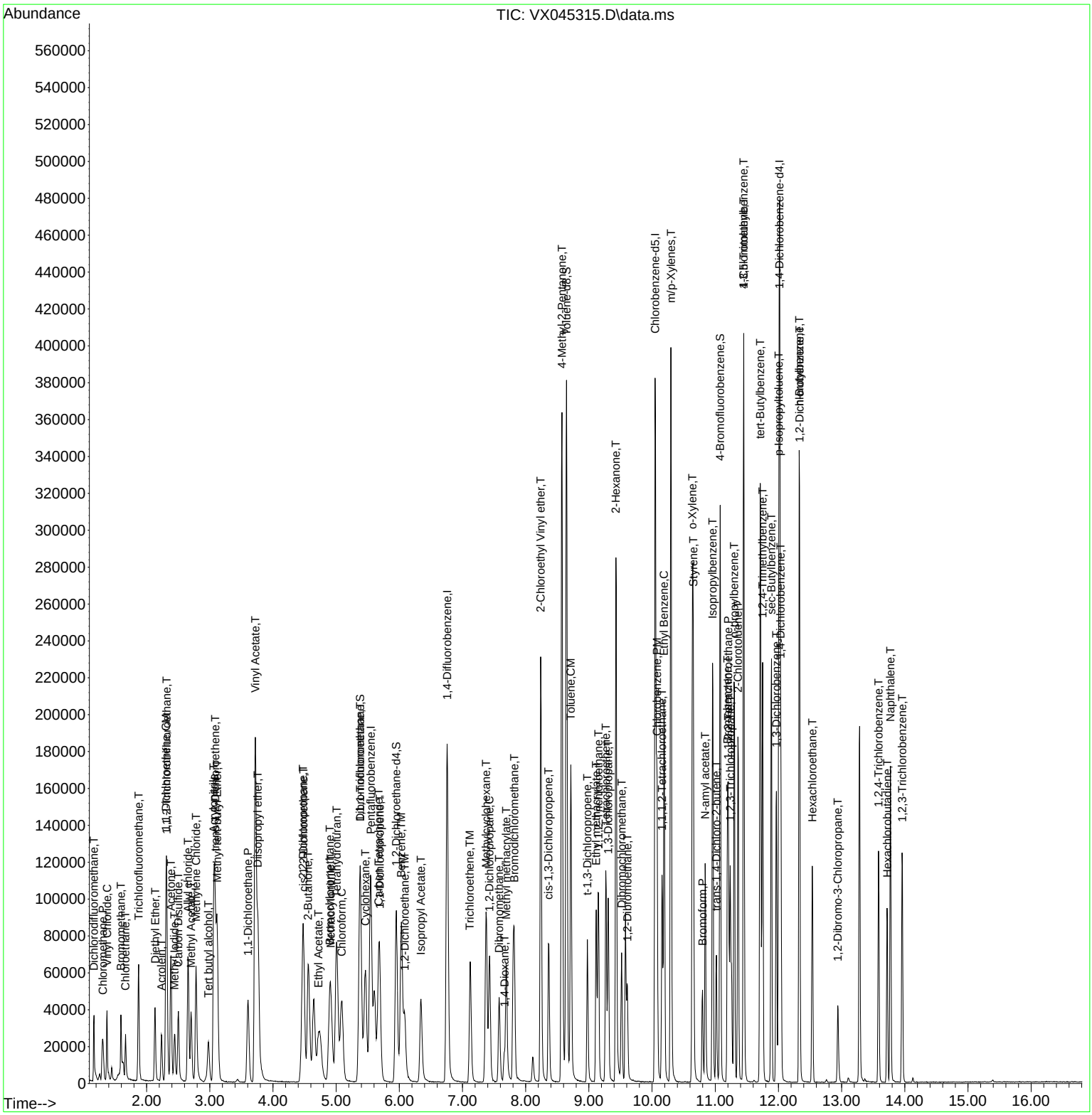
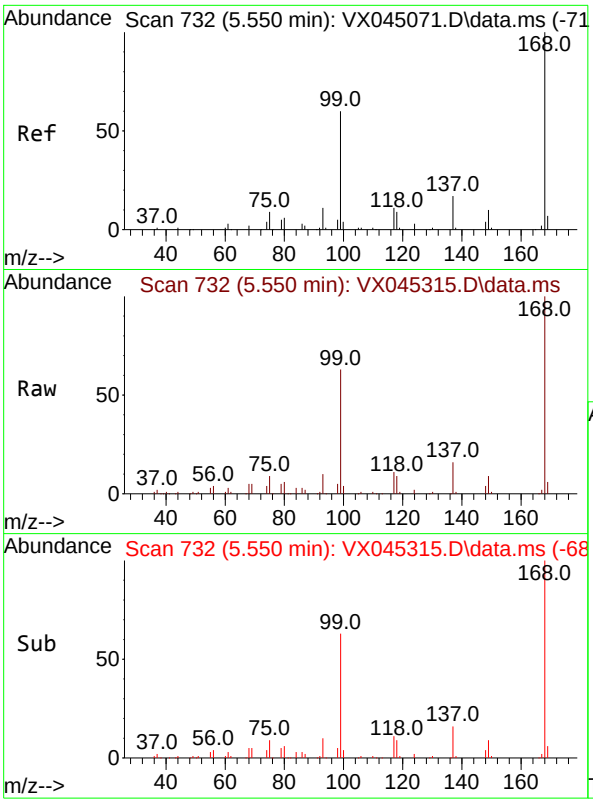
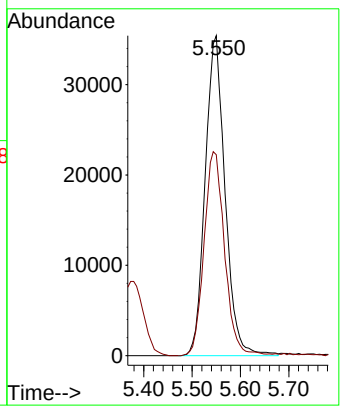




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion:168 Resp: 10121

Ion	Ratio	Lower	Upper
168	100		
99	62.8	48.2	72.4



Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Manual Integrations
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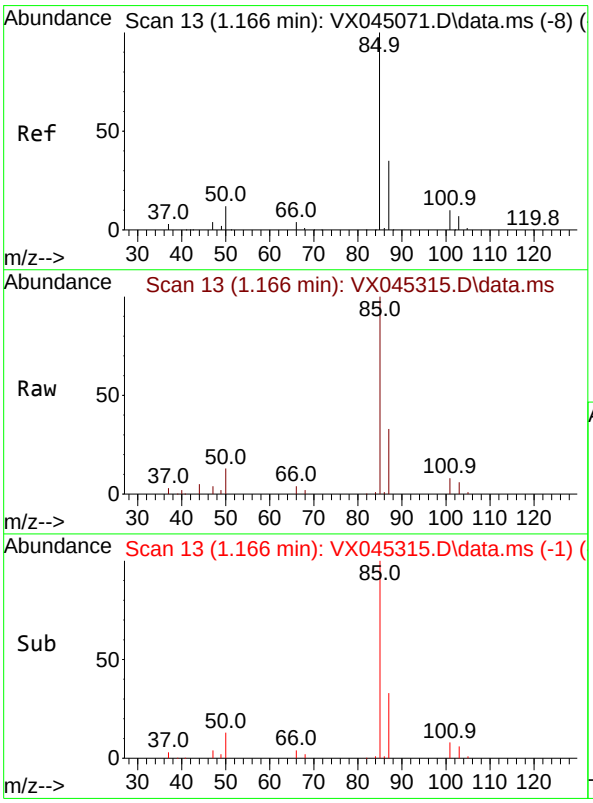
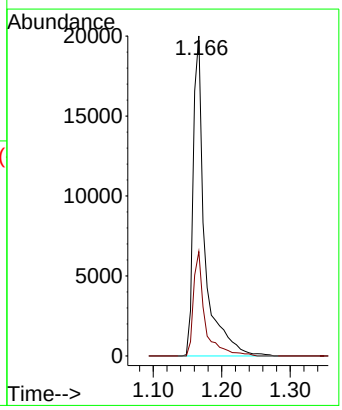
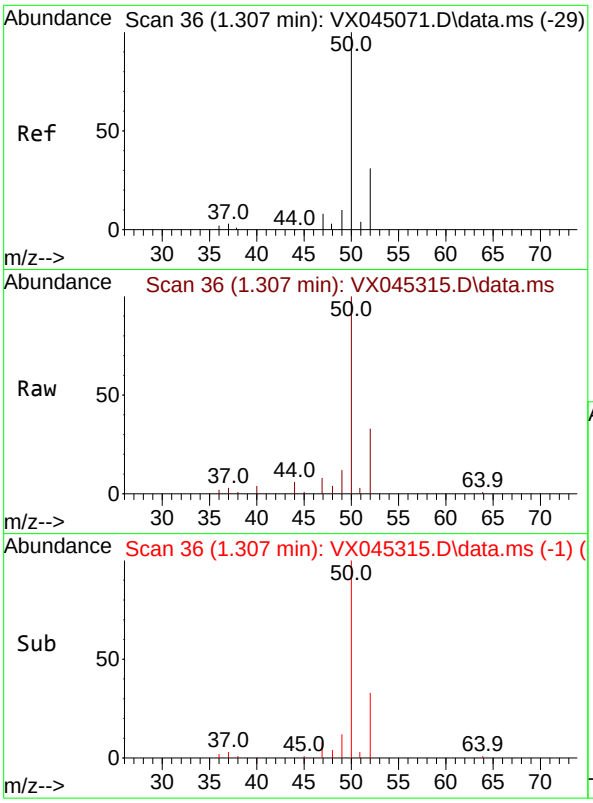


#2
Dichlorodifluoromethane
Concen: 18.561 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 85 Resp: 23648

Ion	Ratio	Lower	Upper
85	100		
87	32.6	17.4	52.3

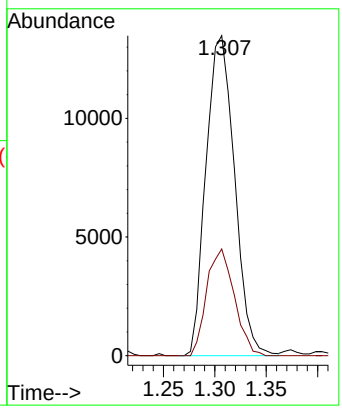




#3
Chloromethane
Concen: 16.714 ug/l
RT: 1.307 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 50 Resp: 2606

Ion	Ratio	Lower	Upper
50	100		
52	33.4	25.0	37.4



Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Manual Integrations
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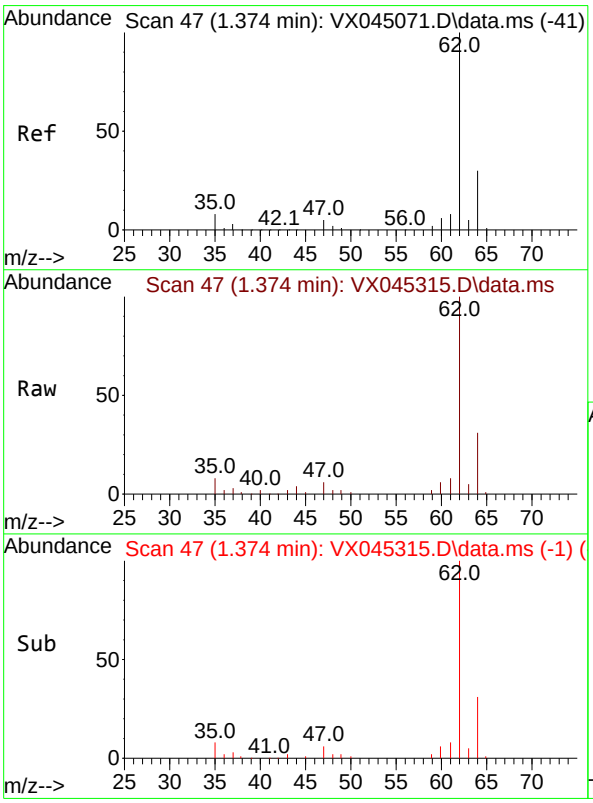
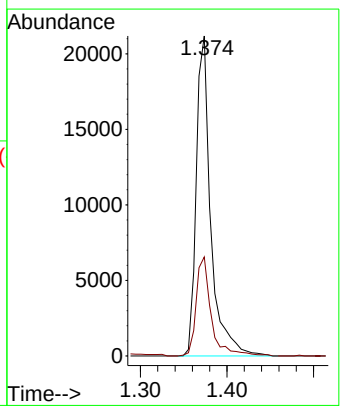
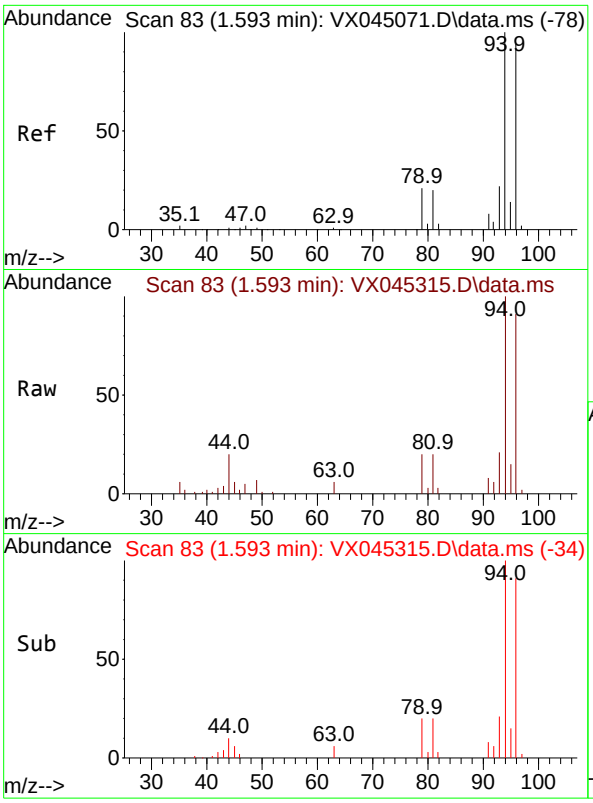


#4
Vinyl Chloride
Concen: 15.895 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 62 Resp: 24585

Ion	Ratio	Lower	Upper
62	100		
64	31.0	24.3	36.5

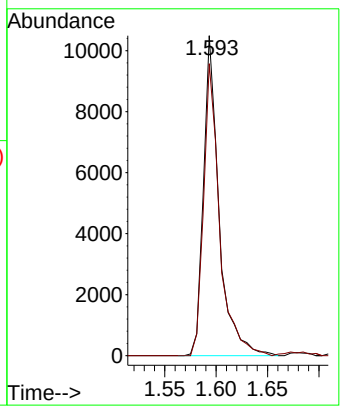




#5
Bromomethane
Concen: 18.232 ug/l
RT: 1.593 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 94 Resp: 1108

Ion	Ratio	Lower	Upper
94	100		
96	91.2	75.0	112.4



Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Manual Integrations
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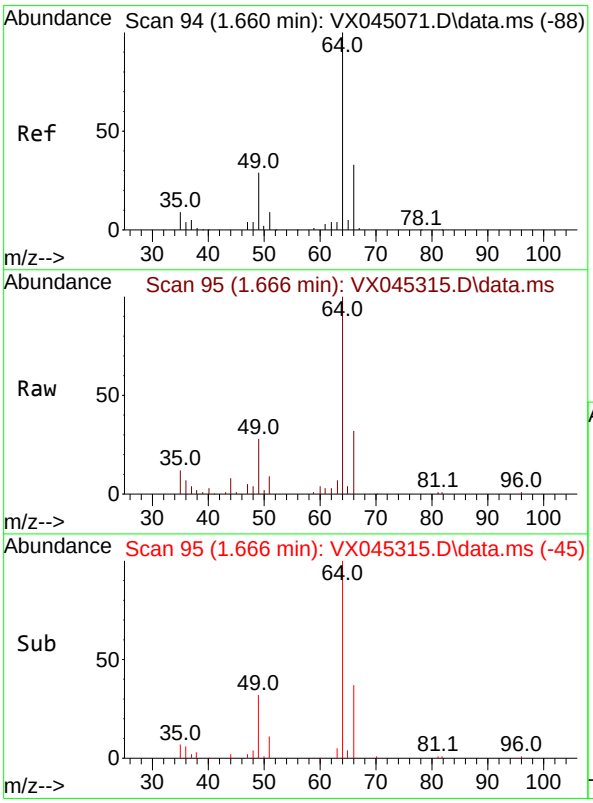
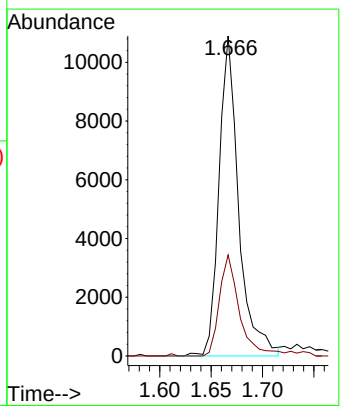
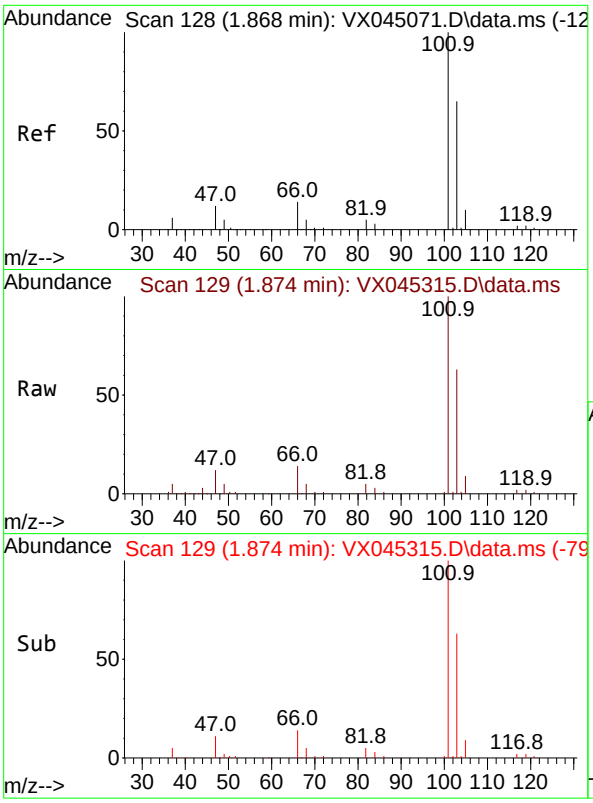


#6
Chloroethane
Concen: 20.285 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 64 Resp: 14472

Ion	Ratio	Lower	Upper
64	100		
66	31.5	26.7	40.1

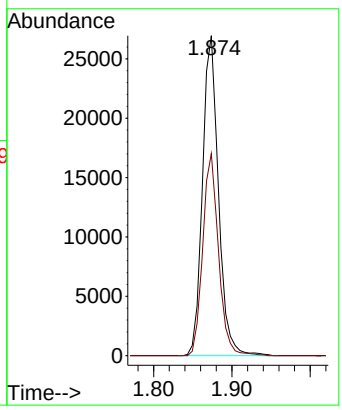




#7
Trichlorofluoromethane
Concen: 18.613 ug/l
RT: 1.874 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion:101 Resp: 3811

Ion	Ratio	Lower	Upper
101	100		
103	63.2	52.1	78.1



Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

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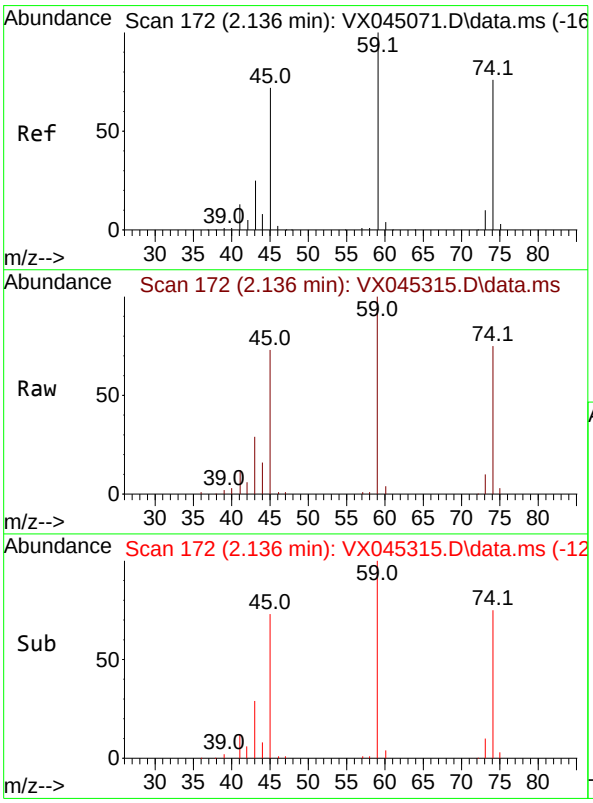
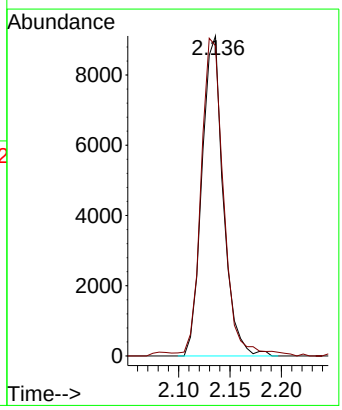
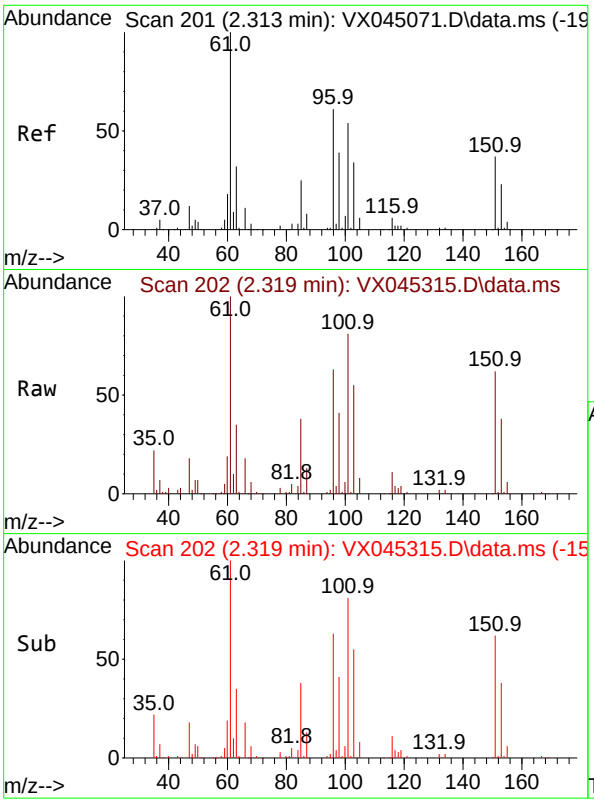


#8
Diethyl Ether
Concen: 16.415 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 74 Resp: 13147

Ion	Ratio	Lower	Upper
74	100		
45	105.3	51.5	154.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.751 ug/l
RT: 2.319 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tgt Ion:101 Resp: 2441

Ion	Ratio	Lower	Upper
101	100		
85	45.7	36.2	54.4
151	72.4	56.4	84.6

Manual Integrations
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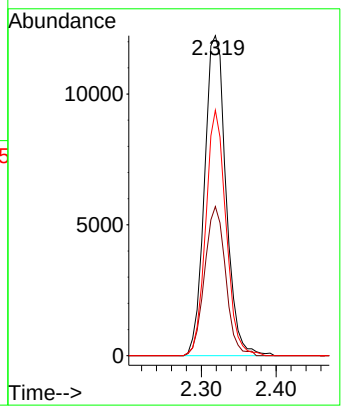
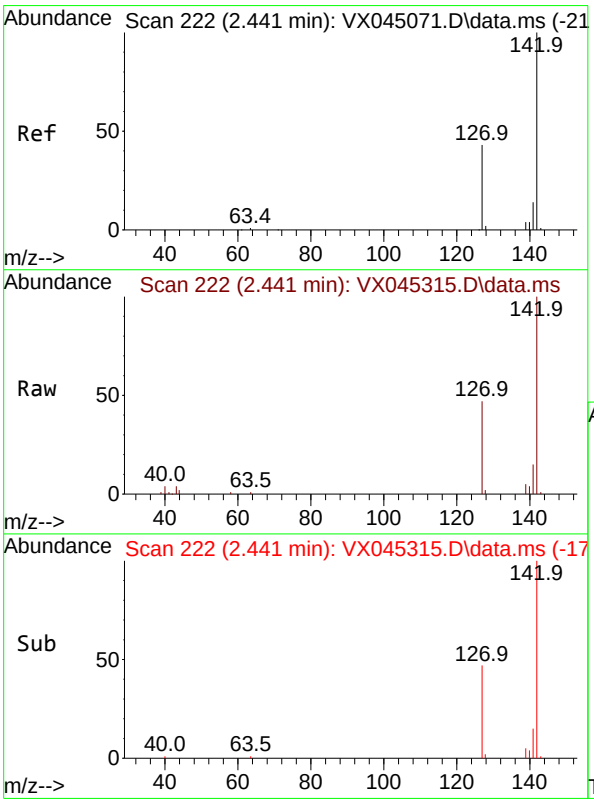
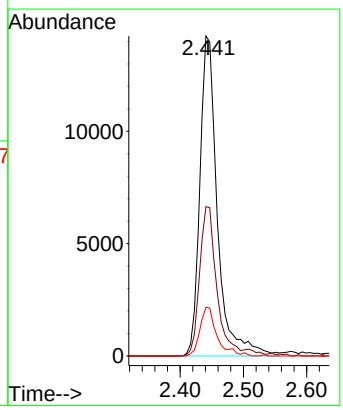


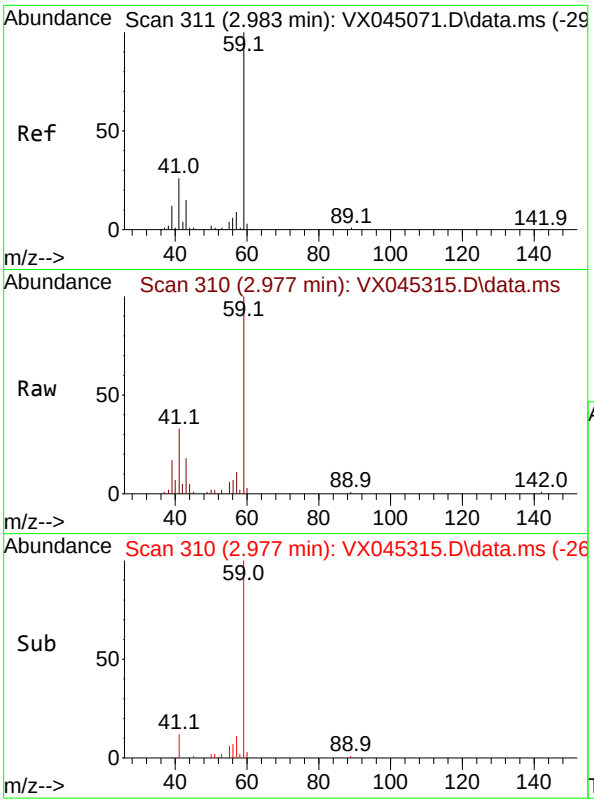


#10
Methyl Iodide
Concen: 18.736 ug/l
RT: 2.441 min Scan# 222
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion:142 Resp: 27544

Ion	Ratio	Lower	Upper
142	100		
127	47.0	35.4	53.2
141	14.7	11.6	17.4

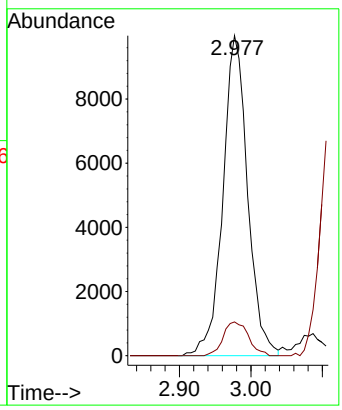




#11
Tert butyl alcohol
Concen: 78.575 ug/l
RT: 2.977 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 59 Resp: 2396

Ion	Ratio	Lower	Upper
59	100		
57	10.8	7.8	11.8



Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Manual Integrations
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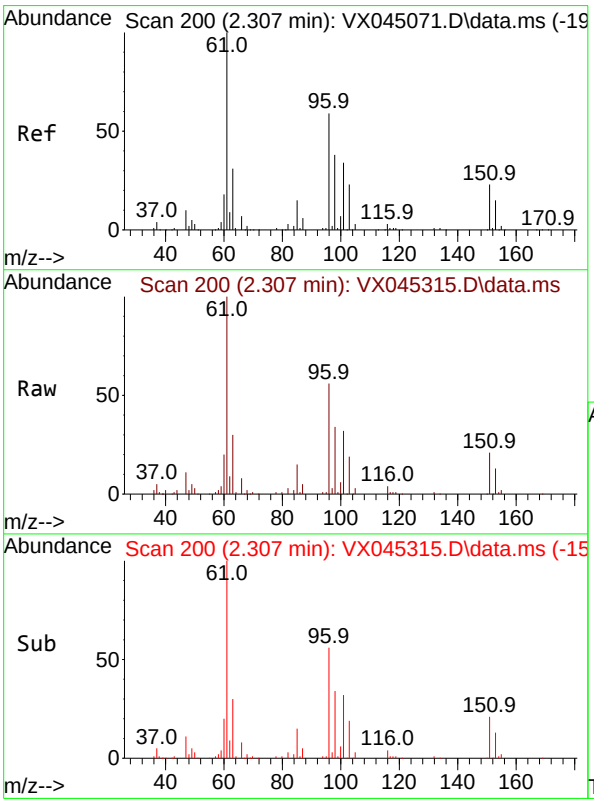
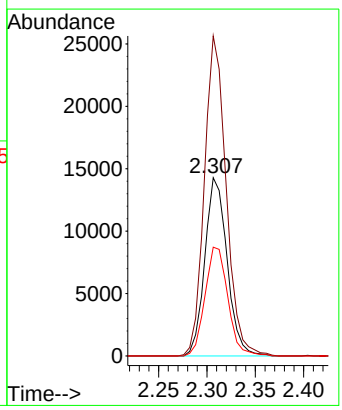
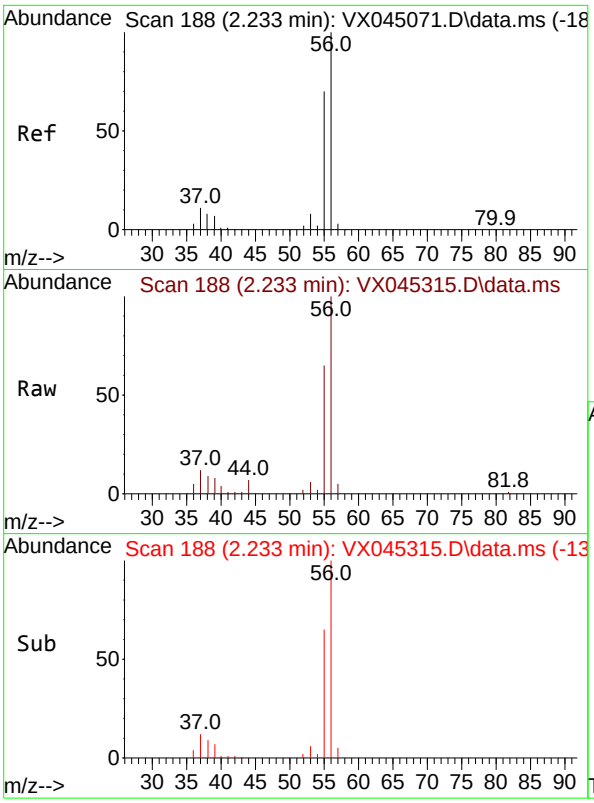


#12
1,1-Dichloroethene
Concen: 18.466 ug/l
RT: 2.307 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 96 Resp: 22967

Ion	Ratio	Lower	Upper
96	100		
61	179.5	134.6	202.0
98	61.0	51.0	76.6

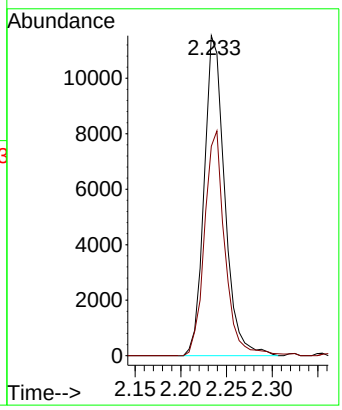




#13
Acrolein
Concen: 51.080 ug/l
RT: 2.233 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 56 Resp: 1800

Ion	Ratio	Lower	Upper
56	100		
55	70.0	56.2	84.4



Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Manual Integrations
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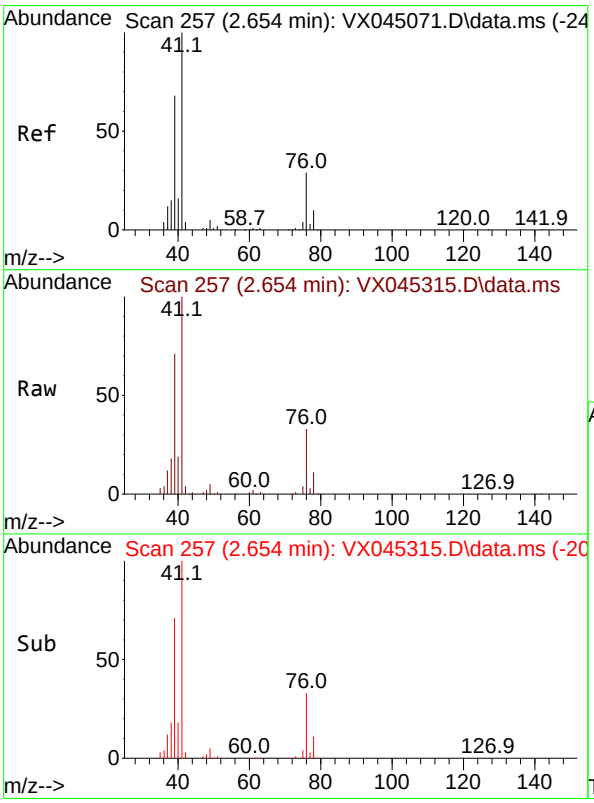
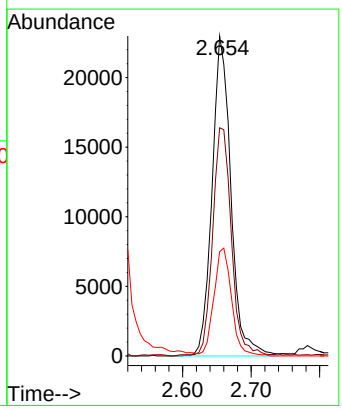
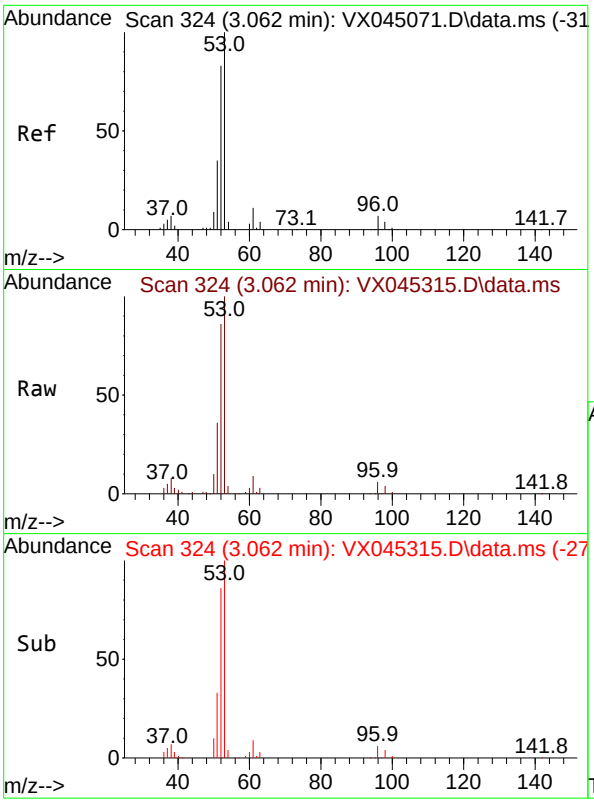


#14
Allyl chloride
Concen: 19.808 ug/l
RT: 2.654 min Scan# 257
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 41 Resp: 43853

Ion	Ratio	Lower	Upper
41	100		
39	71.2	53.8	80.8
76	31.6	25.2	37.8

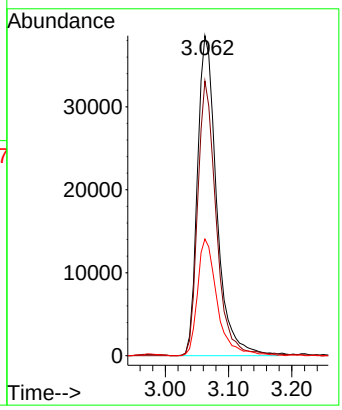




#15
Acrylonitrile
Concen: 99.811 ug/l
RT: 3.062 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 53 Resp: 8157

Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.2	99.2
51	37.5	29.0	43.4



Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

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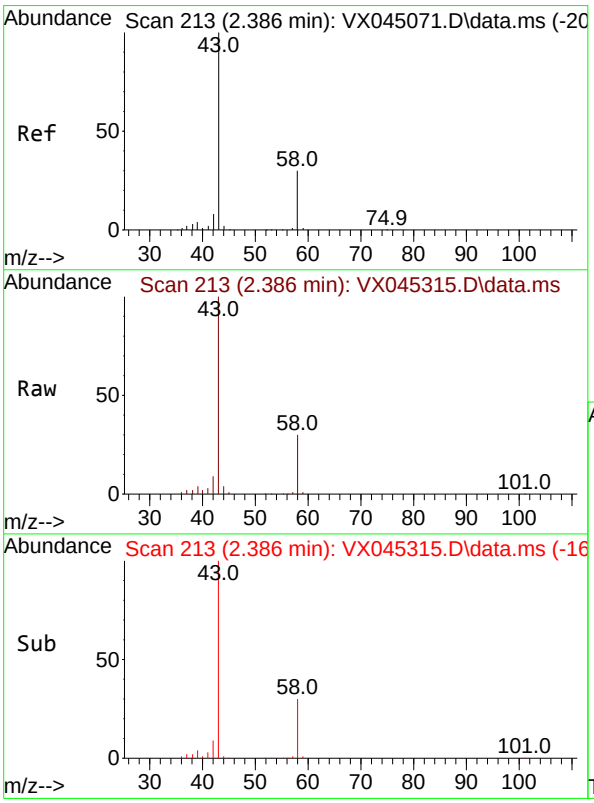
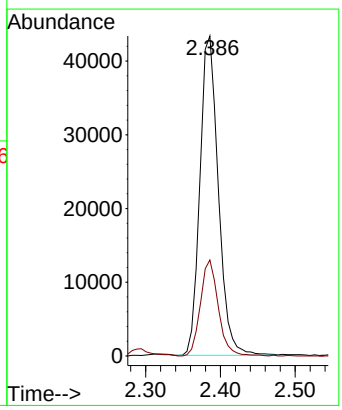
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

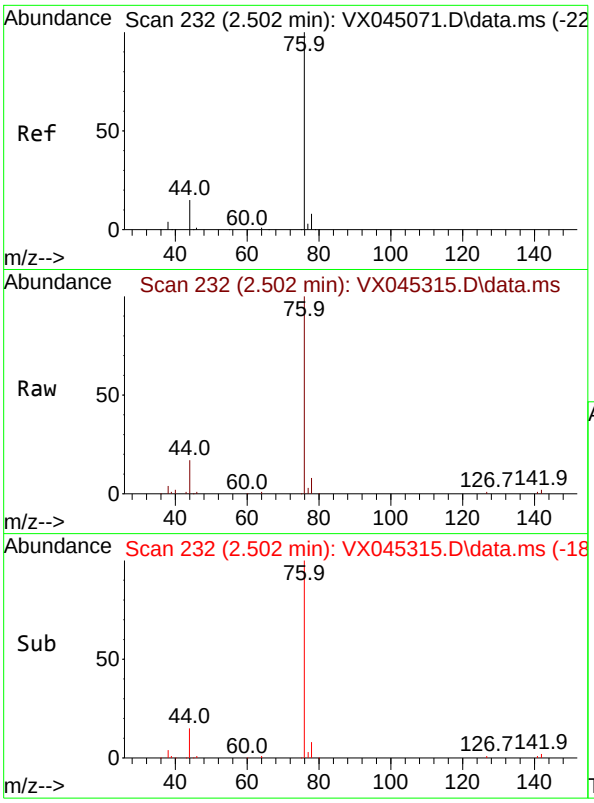


#16
Acetone
Concen: 99.433 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 43 Resp: 74275

Ion	Ratio	Lower	Upper
43	100		
58	30.1	24.2	36.4

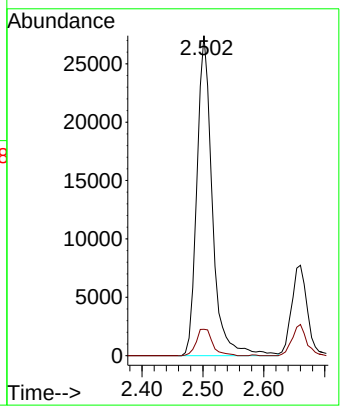




#17
Carbon Disulfide
Concen: 14.570 ug/l
RT: 2.502 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 76 Resp: 4826

Ion	Ratio	Lower	Upper
76	100		
78	8.2	6.6	9.8



Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

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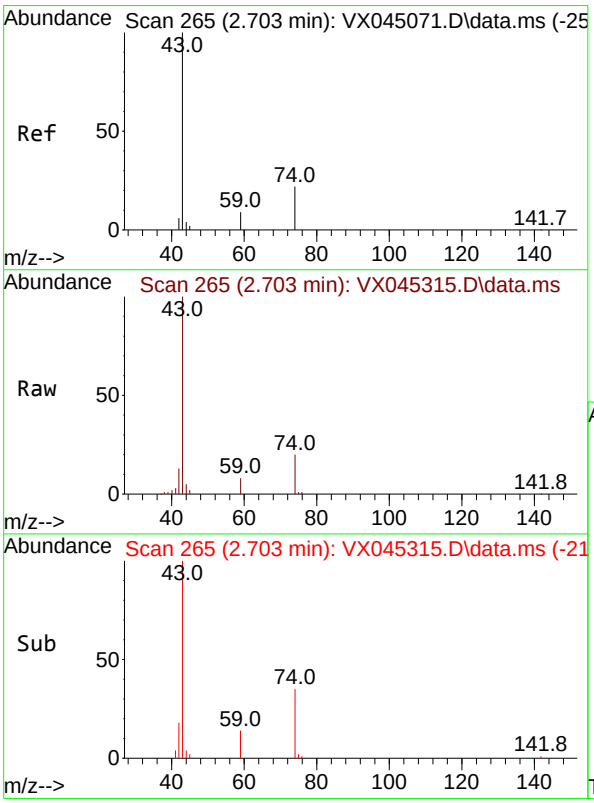
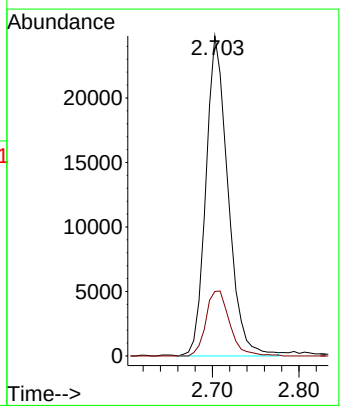
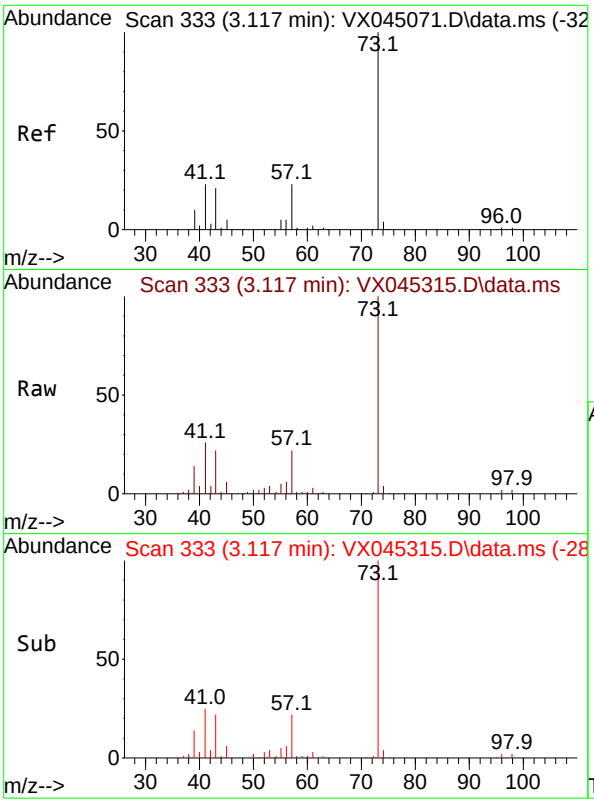


#18
Methyl Acetate
Concen: 24.493 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 43 Resp: 44014

Ion	Ratio	Lower	Upper
43	100		
74	21.9	17.4	26.2





#19
Methyl tert-butyl Ether
Concen: 19.773 ug/l
RT: 3.117 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 73 Resp: 8250

Ion	Ratio	Lower	Upper
73	100		
57	21.7	18.5	27.7

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

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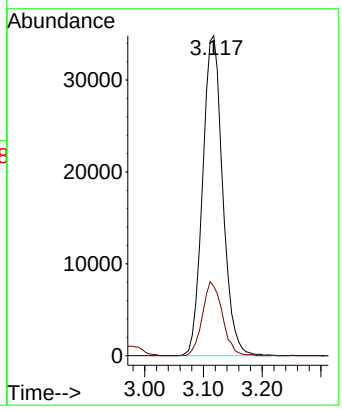
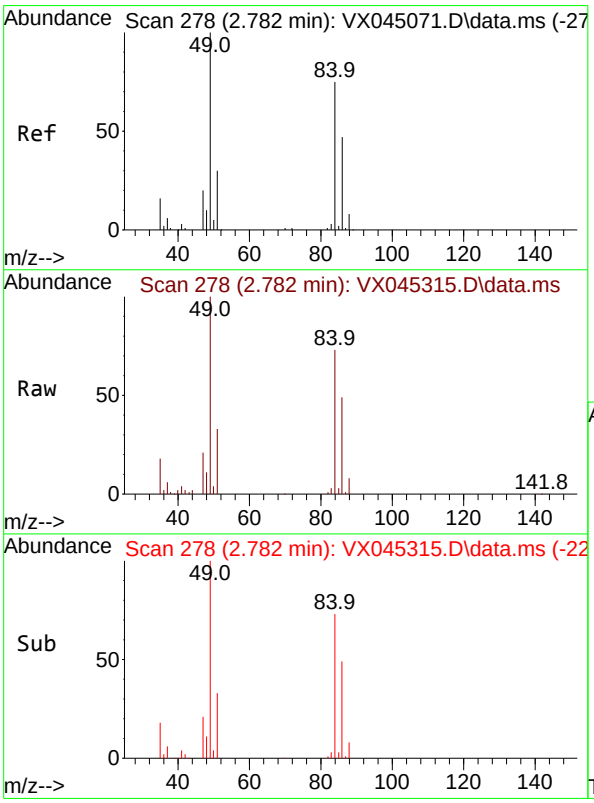
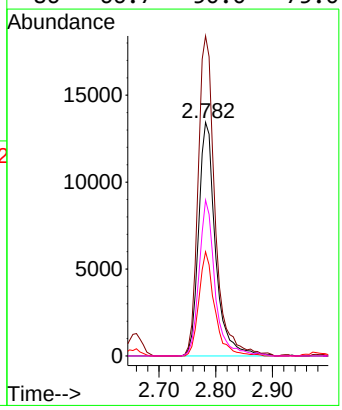


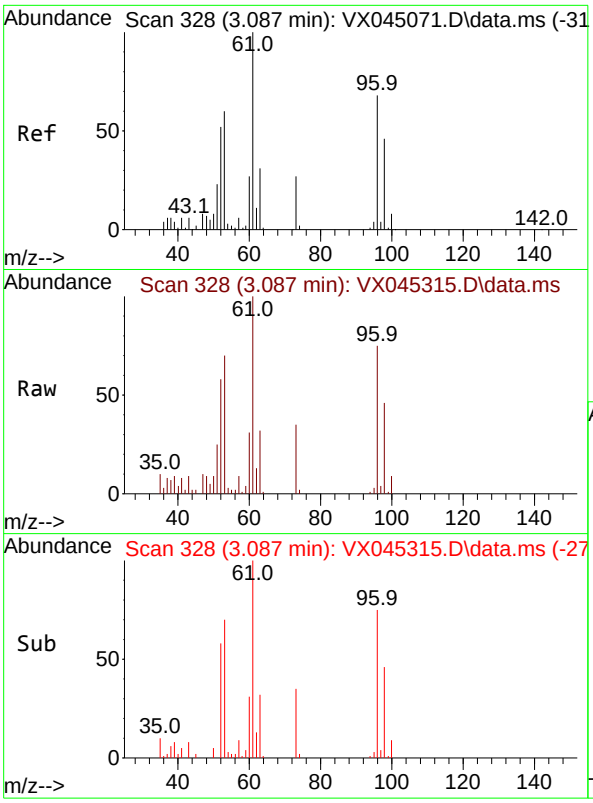


#20
Methylene Chloride
Concen: 18.782 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 84 Resp: 27791

Ion	Ratio	Lower	Upper
84	100		
49	137.0	106.5	159.7
51	44.6	32.1	48.1
86	66.7	50.0	75.0





#21
trans-1,2-Dichloroethene
Concen: 18.742 ug/l
RT: 3.087 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 96 Resp: 2302

Ion	Ratio	Lower	Upper
96	100		
61	133.5	117.0	175.4
98	60.9	53.4	80.2

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

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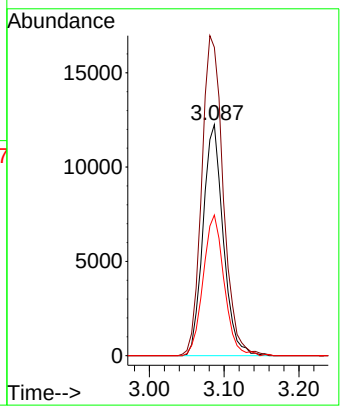
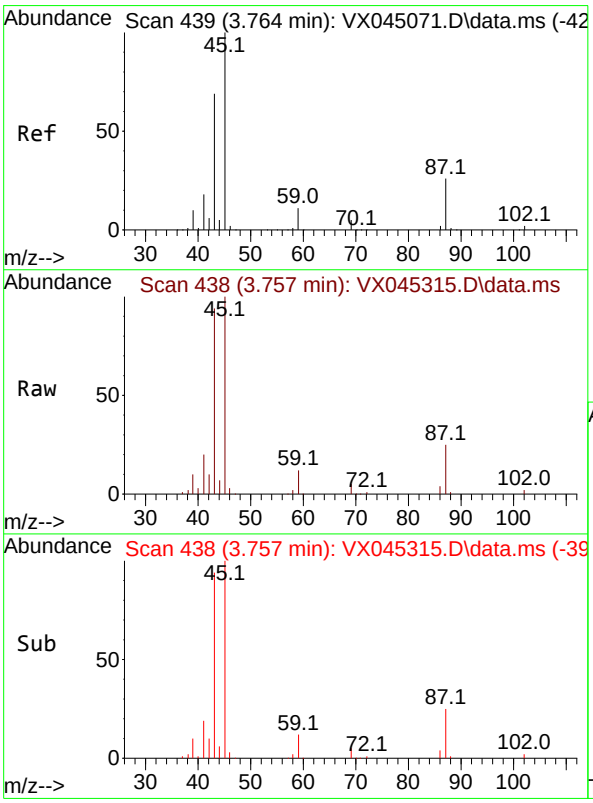
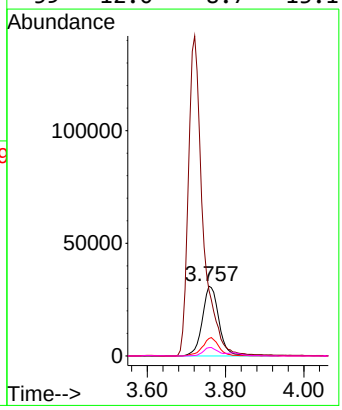


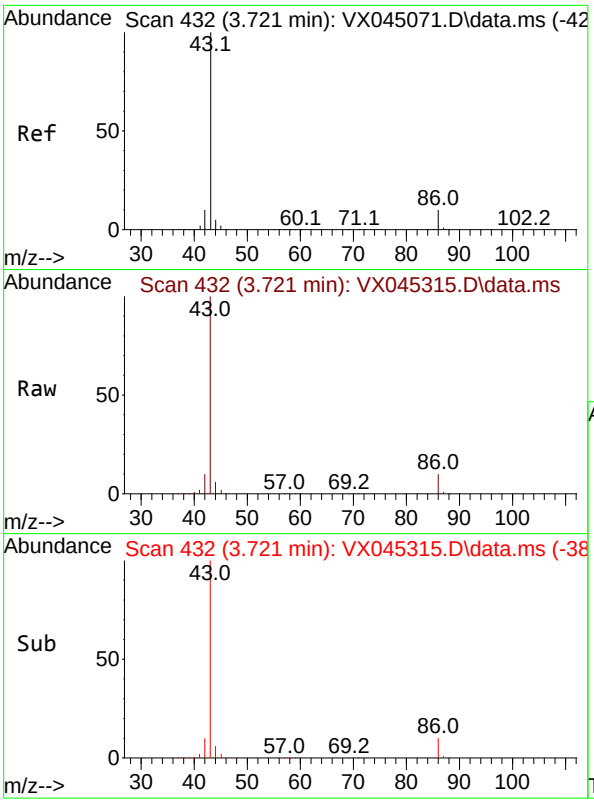


#22
Diisopropyl ether
Concen: 20.287 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 45 Resp: 91341

Ion	Ratio	Lower	Upper
45	100		
43	93.3	54.9	82.3#
87	25.1	21.0	31.4
59	12.0	8.7	13.1





#23
Vinyl Acetate
Concen: 98.077 ug/l
RT: 3.721 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 43 Resp: 36851

Ion	Ratio	Lower	Upper
43	100		
86	10.0	8.1	12.1

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

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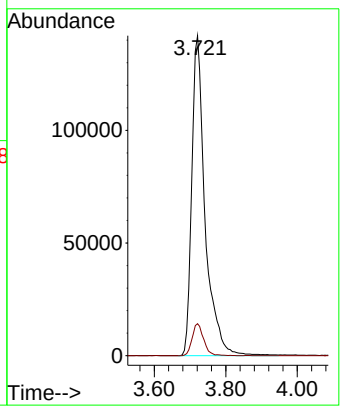
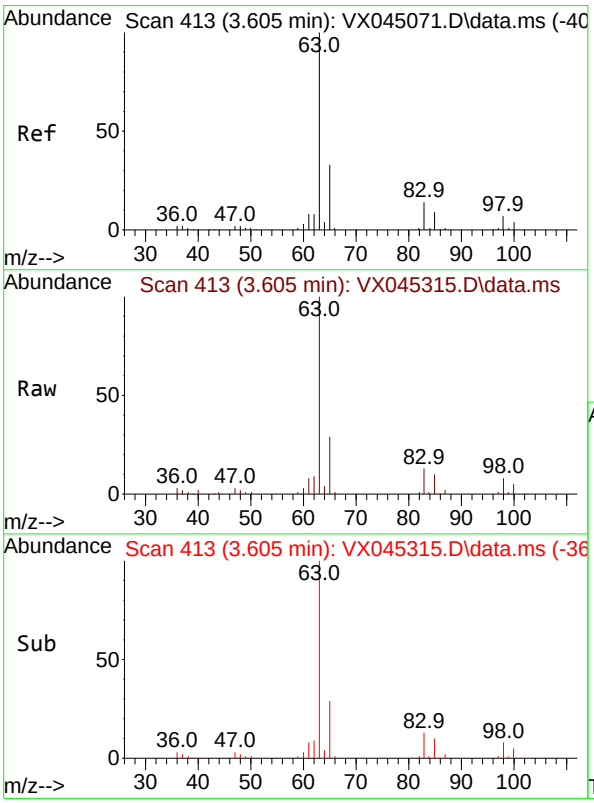
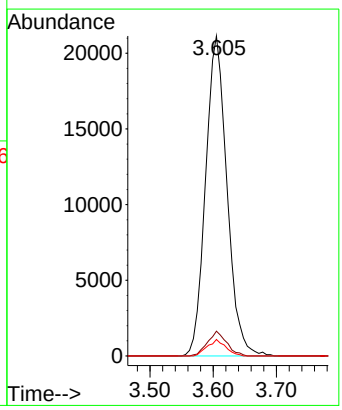


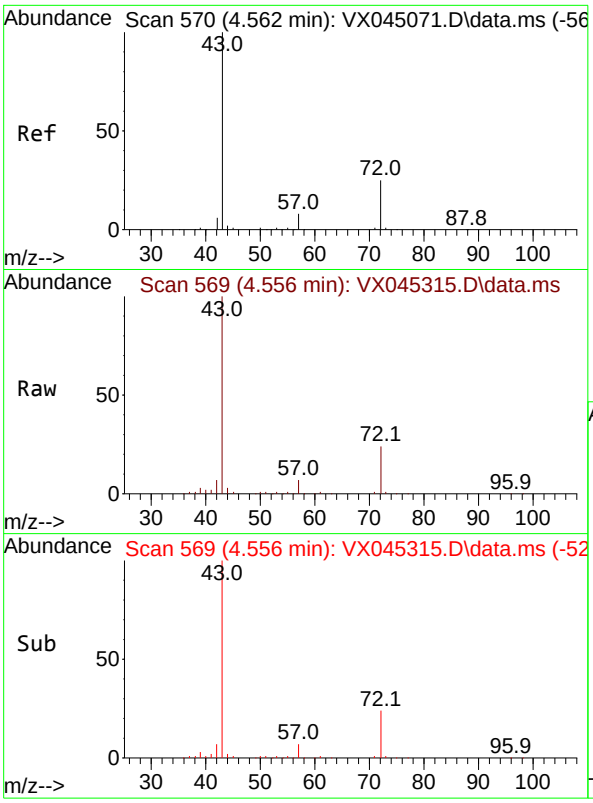


#24
1,1-Dichloroethane
Concen: 19.695 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 63 Resp: 49698

Ion	Ratio	Lower	Upper
63	100		
98	7.8	3.4	10.2
100	5.1	2.1	6.5





#25
2-Butanone
Concen: 102.970 ug/l
RT: 4.556 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 43 Resp: 11577

Ion	Ratio	Lower	Upper
43	100		
72	23.6	20.0	30.0

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

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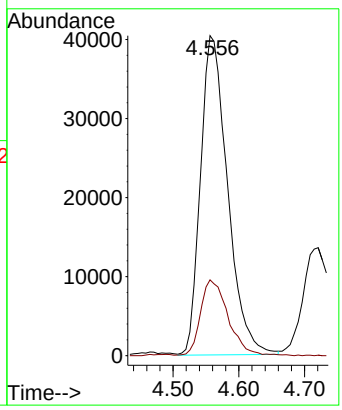
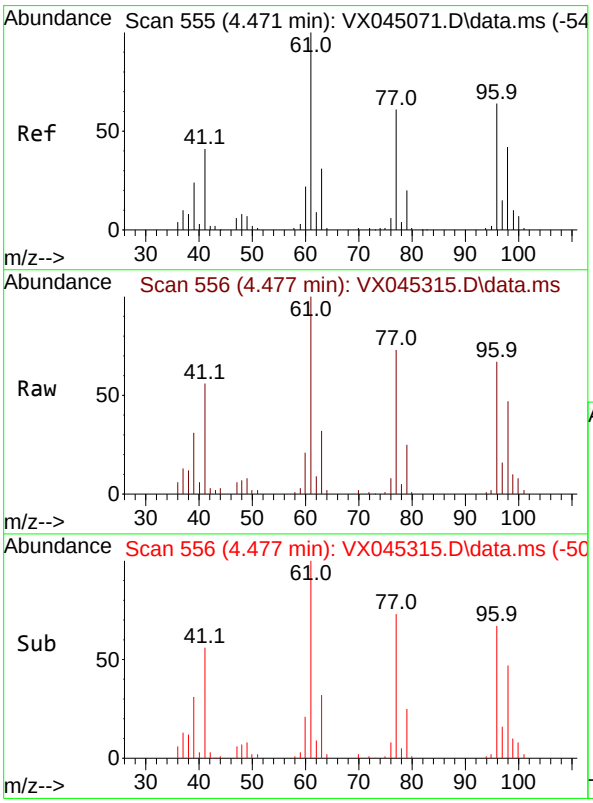
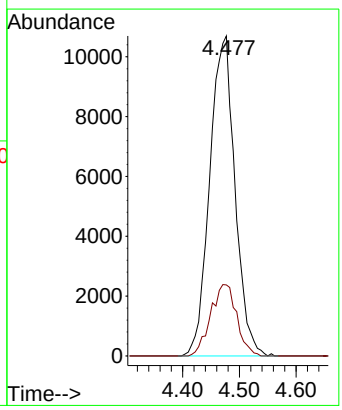


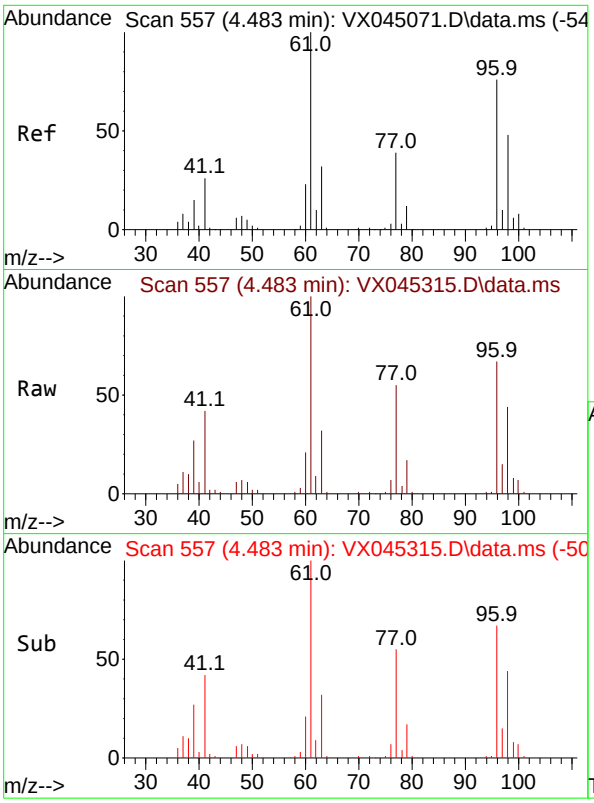


#26
2,2-Dichloropropane
Concen: 27.919 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 77 Resp: 33045

Ion	Ratio	Lower	Upper
77	100		
97	23.0	12.4	37.0

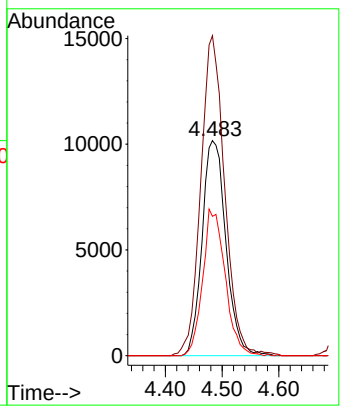




#27
cis-1,2-Dichloroethene
Concen: 19.599 ug/l
RT: 4.483 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 96 Resp: 2972

Ion	Ratio	Lower	Upper
96	100		
61	149.2	0.0	283.2
98	64.1	0.0	128.0



Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

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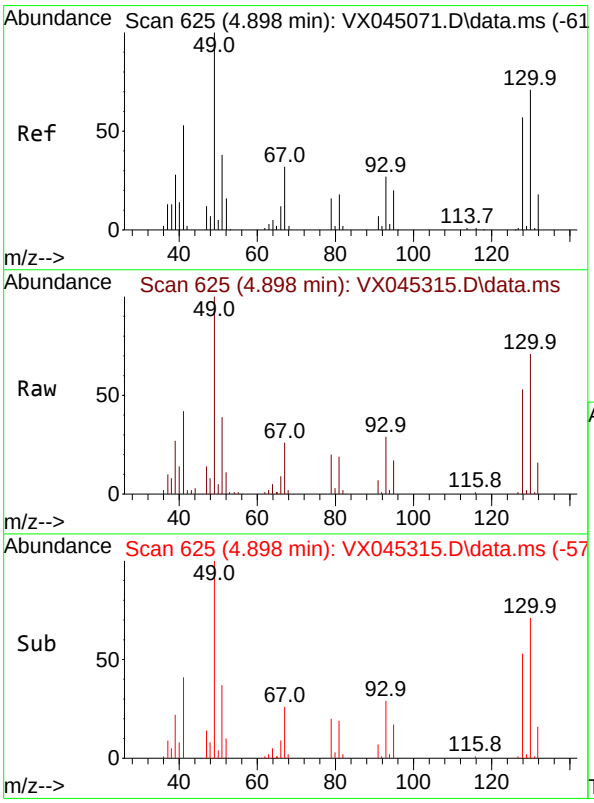
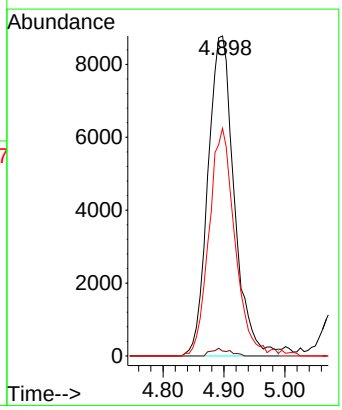
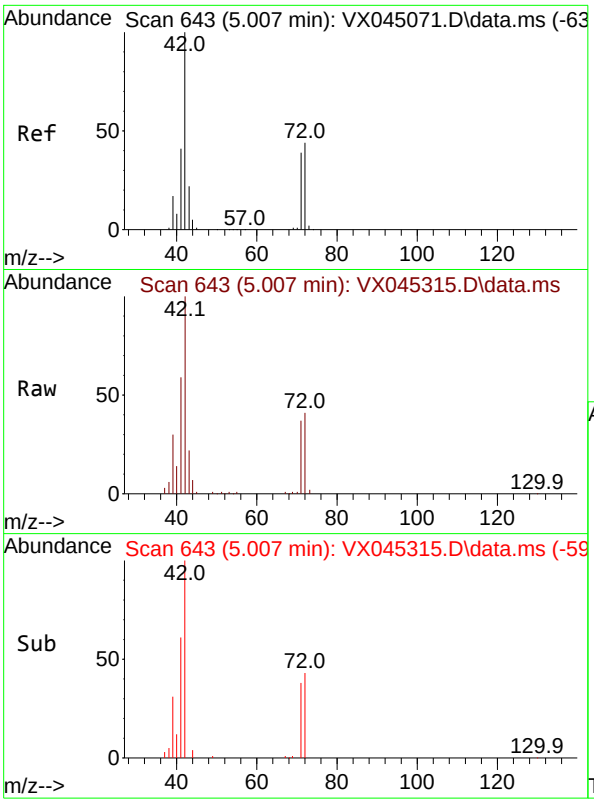


#28
Bromochloromethane
Concen: 21.837 ug/l
RT: 4.898 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 49 Resp: 26265

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.4
130	69.8	56.1	84.1

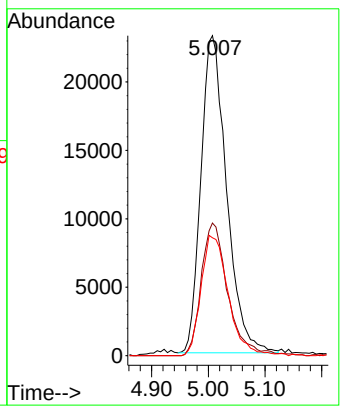




#29
Tetrahydrofuran
Concen: 96.628 ug/l
RT: 5.007 min Scan# 64
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 42 Resp: 7296

Ion	Ratio	Lower	Upper
42	100		
72	43.4	34.1	51.1
71	39.9	31.4	47.0



Instrument :
MSVOA_X
ClientSampleId :
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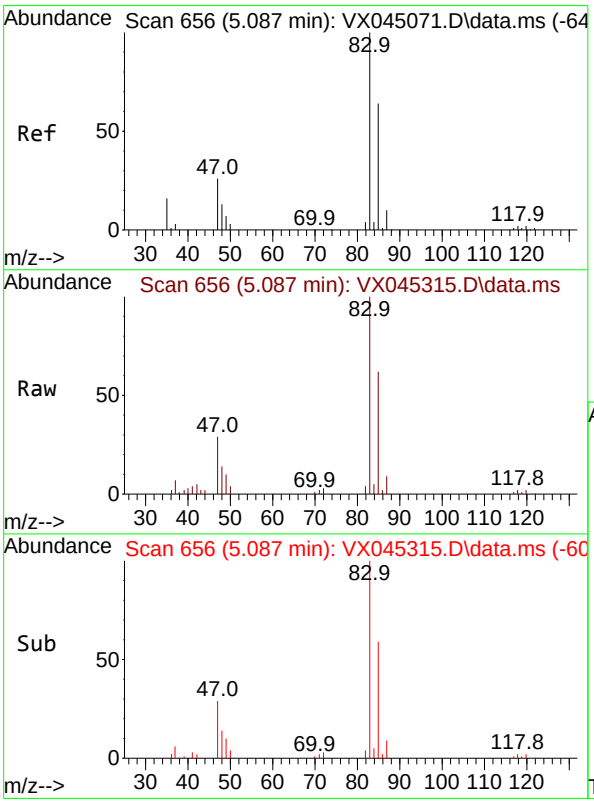
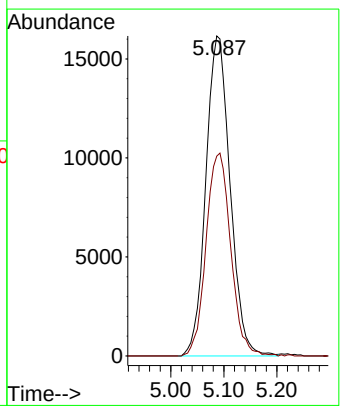
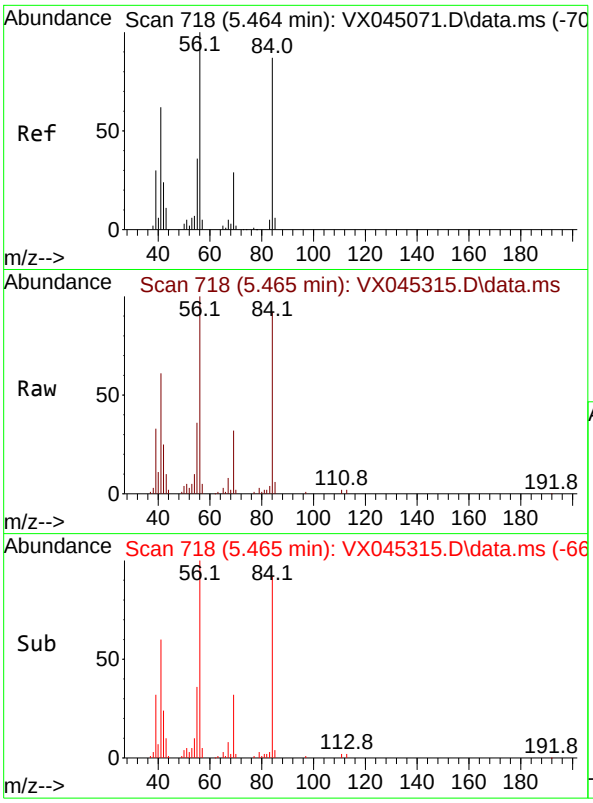


#30
Chloroform
Concen: 20.477 ug/l
RT: 5.087 min Scan# 656
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 83 Resp: 51341

Ion	Ratio	Lower	Upper
83	100		
85	62.4	51.4	77.2

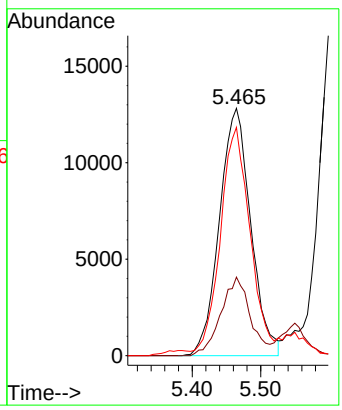




#31
Cyclohexane
Concen: 18.606 ug/l
RT: 5.465 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 56 Resp: 4075

Ion	Ratio	Lower	Upper
56	100		
69	31.8	23.4	35.2
84	90.3	69.4	104.2



Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

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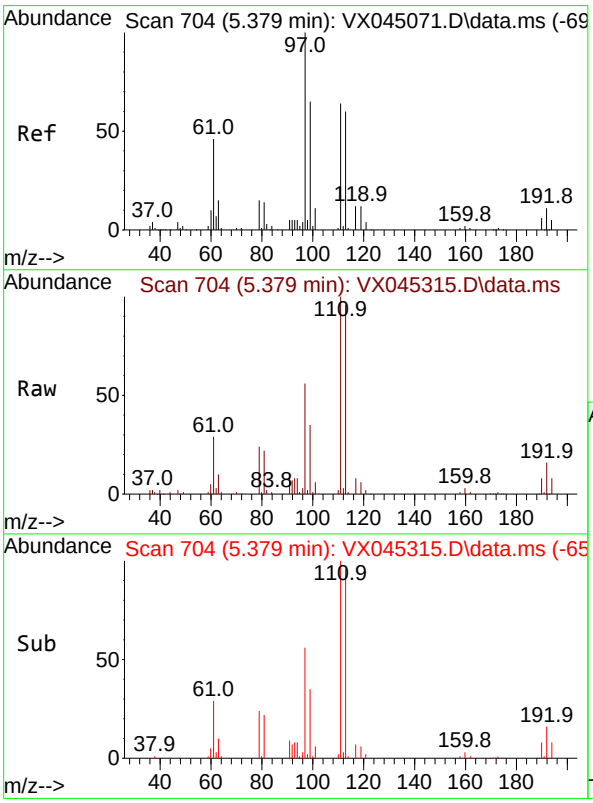
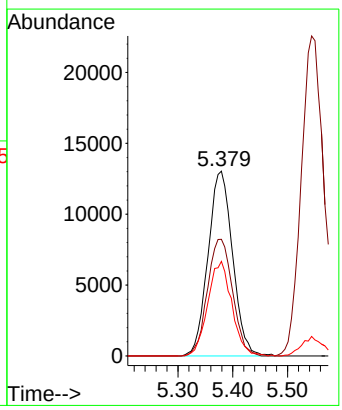
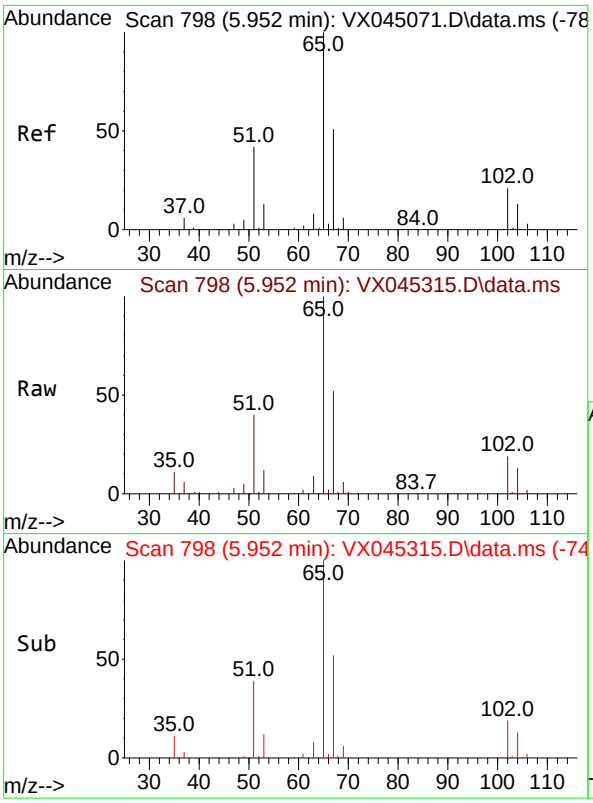


#32
1,1,1-Trichloroethane
Concen: 20.038 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 97 Resp: 40576

Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.6	77.4
61	50.2	38.4	57.6

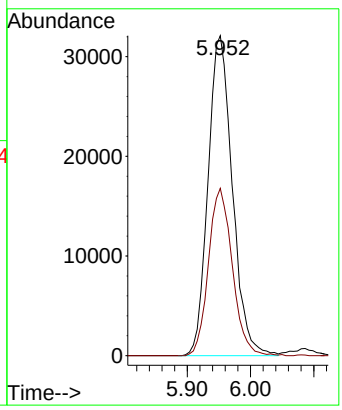




#33
1,2-Dichloroethane-d4
Concen: 53.211 ug/l
RT: 5.952 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 65 Resp: 8566

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	106.2



Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

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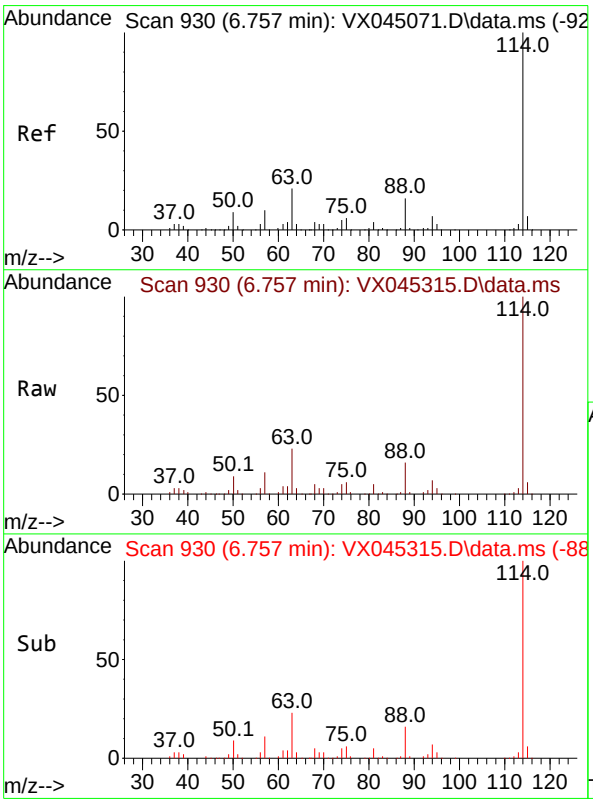
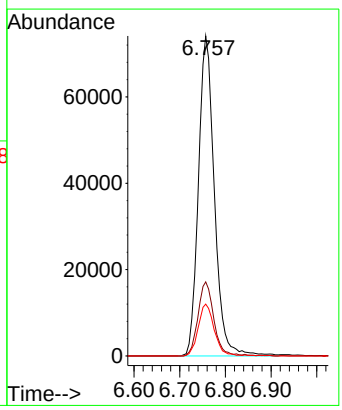
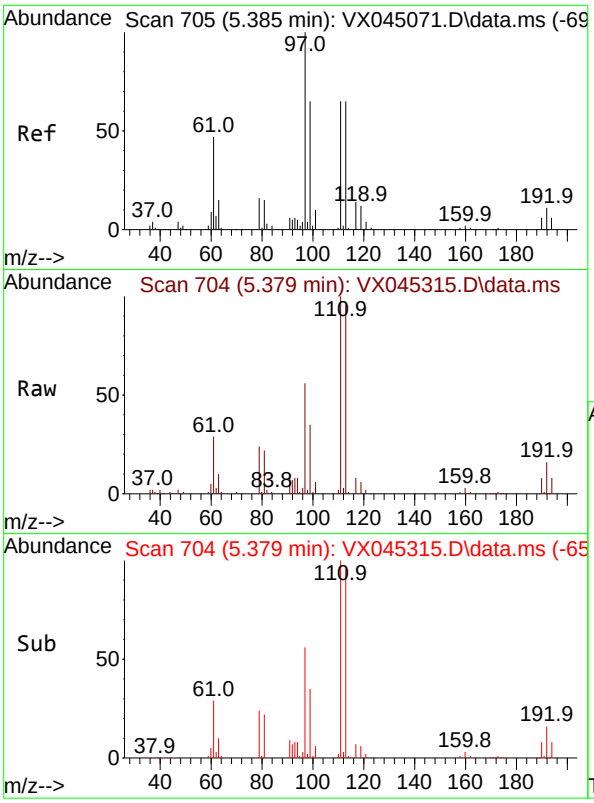


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion:114 Resp: 179978

Ion	Ratio	Lower	Upper
114	100		
63	23.2	0.0	41.8
88	16.2	0.0	32.8

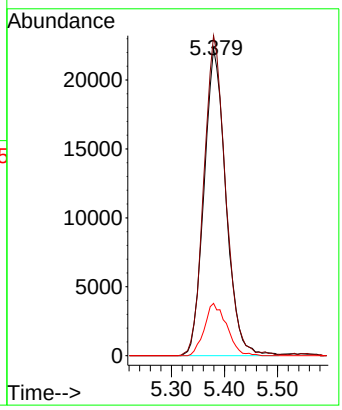




#35
Dibromofluoromethane
Concen: 52.902 ug/l
RT: 5.379 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion:113 Resp: 6366

Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.8	122.6
192	17.4	14.3	21.5



Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

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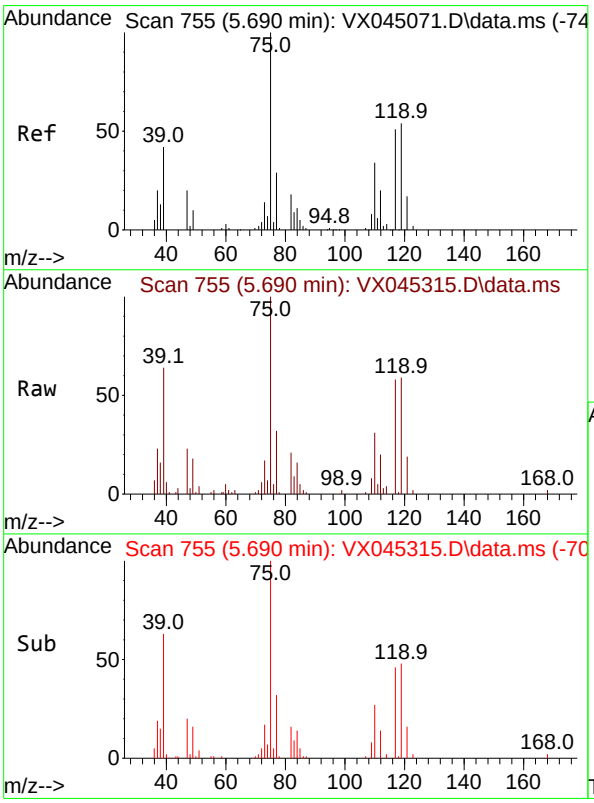
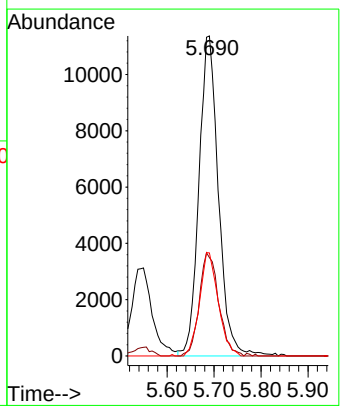
Supervised By :Mahesh Dadoda 03/19/2025

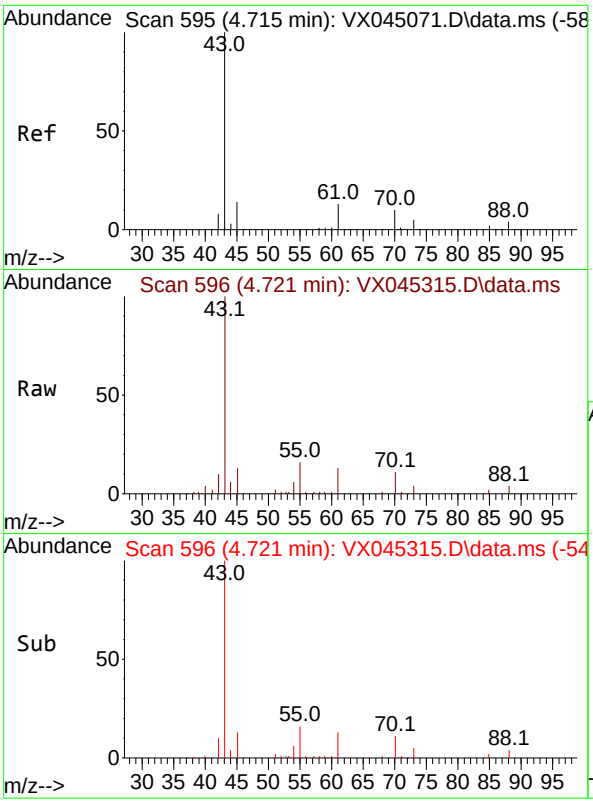


#36
1,1-Dichloropropene
Concen: 19.843 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 75 Resp: 32750

Ion	Ratio	Lower	Upper
75	100		
110	32.0	16.9	50.6
77	30.9	24.5	36.7





#37
Ethyl Acetate
Concen: 19.701 ug/l
RT: 4.721 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 43 Resp: 4189

Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.8	16.2
70	9.8	7.7	11.5

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

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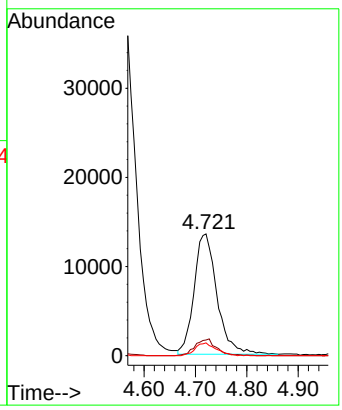
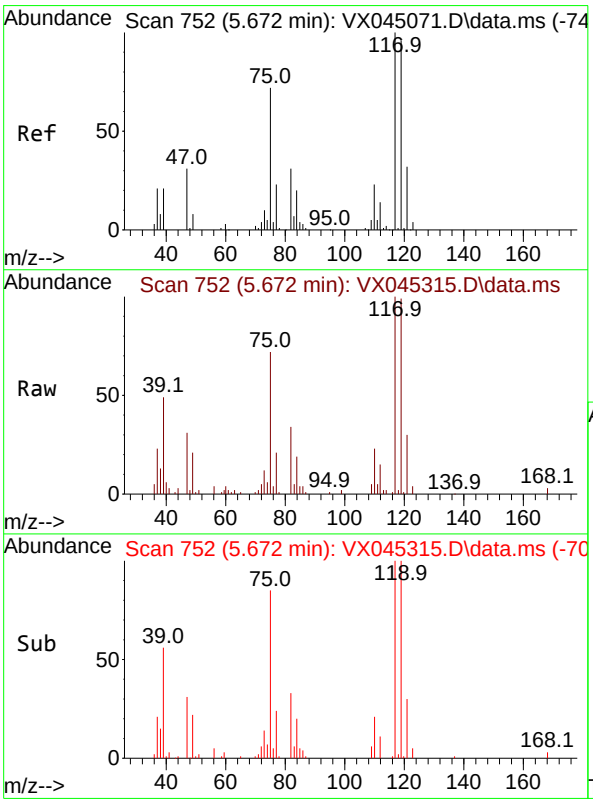
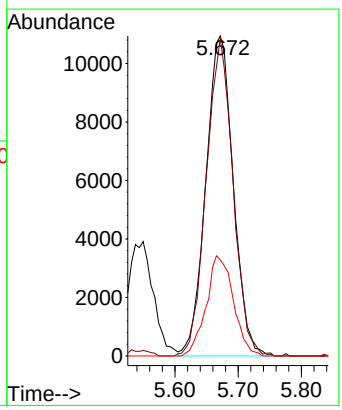


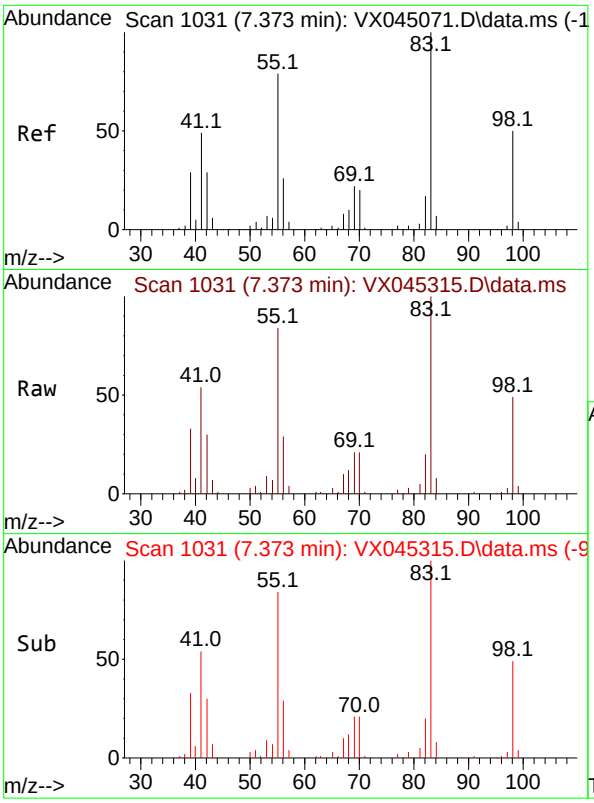


#38
Carbon Tetrachloride
Concen: 19.691 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion:117 Resp: 32994

Ion	Ratio	Lower	Upper
117	100		
119	99.3	76.7	115.1
121	30.1	25.5	38.3

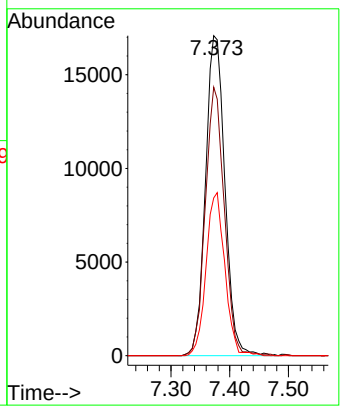




#39
Methylcyclohexane
Concen: 19.833 ug/l
RT: 7.373 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 83 Resp: 3922

Ion	Ratio	Lower	Upper
83	100		
55	83.9	63.0	94.4
98	49.3	39.7	59.5



Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

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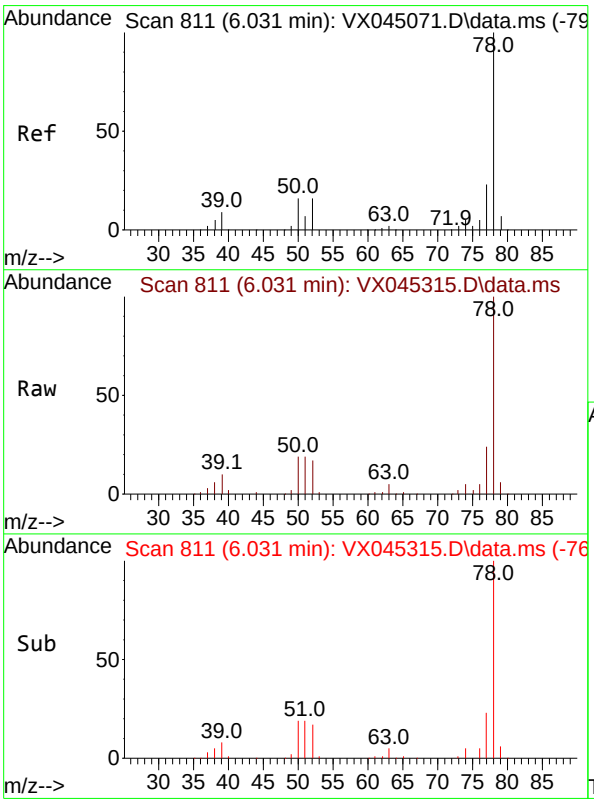
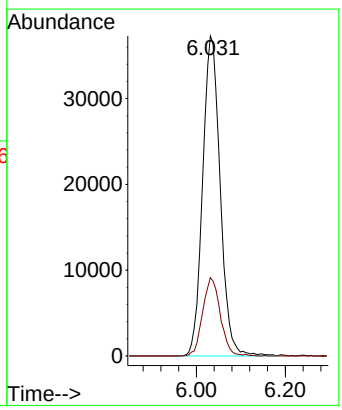
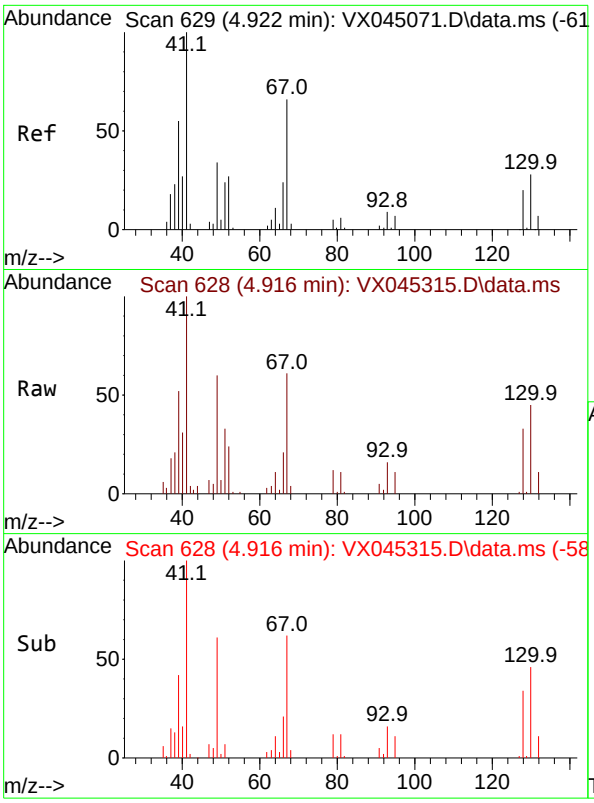


#40
Benzene
Concen: 19.688 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 78 Resp: 102609

Ion	Ratio	Lower	Upper
78	100		
77	24.5	18.8	28.2

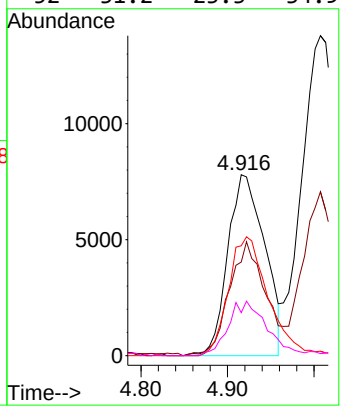




#41
Methacrylonitrile
Concen: 20.079 ug/l
RT: 4.916 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 41 Resp: 2309

Ion	Ratio	Lower	Upper
41	100		
39	61.9	44.6	67.0
67	71.0	53.9	80.9
52	31.2	23.3	34.9



Instrument :
MSVOA_X
ClientSampleId :
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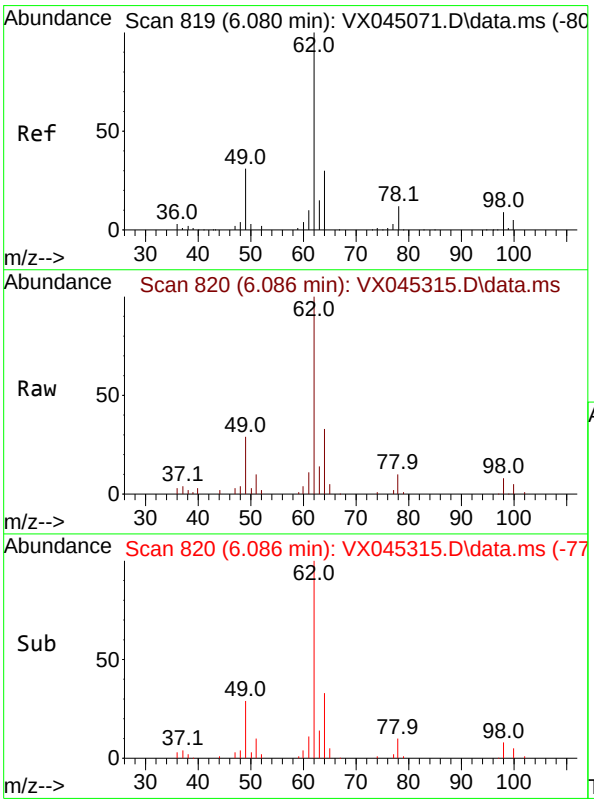
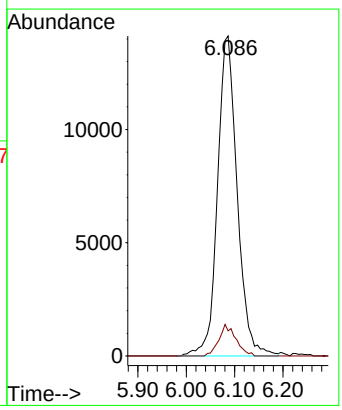
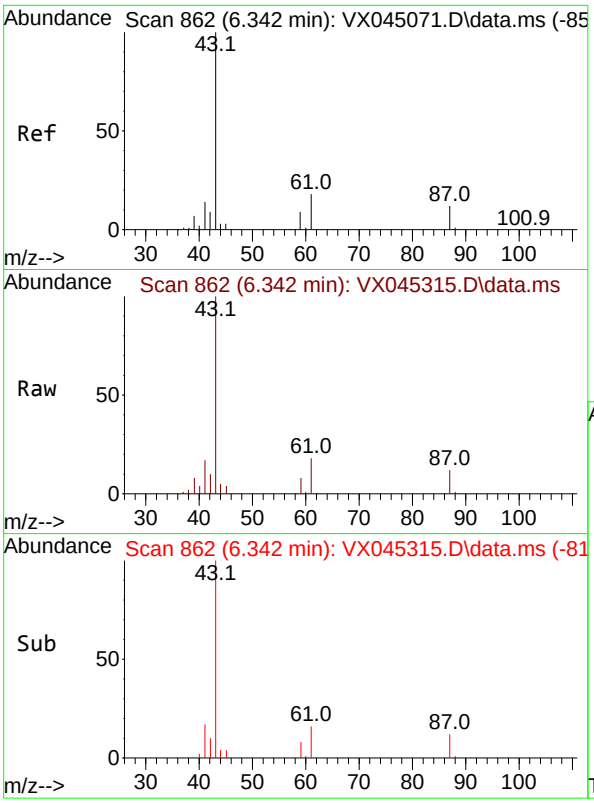


#42
1,2-Dichloroethane
Concen: 21.290 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 62 Resp: 39956

Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	18.2

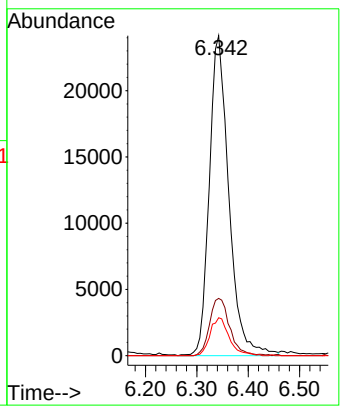




#43
Isopropyl Acetate
Concen: 20.338 ug/l
RT: 6.342 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 43 Resp: 6395

Ion	Ratio	Lower	Upper
43	100		
61	18.3	14.9	22.3
87	11.6	9.4	14.2



Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

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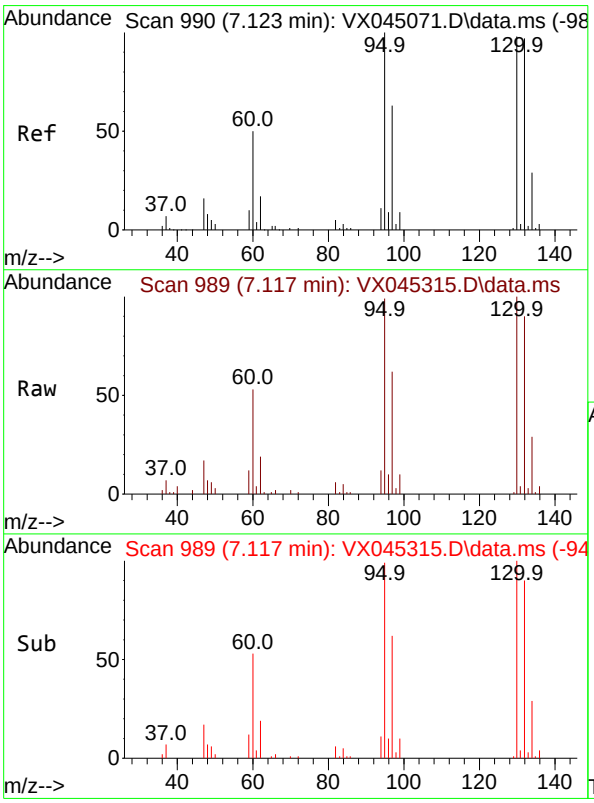
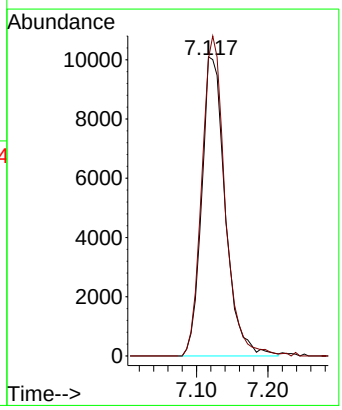
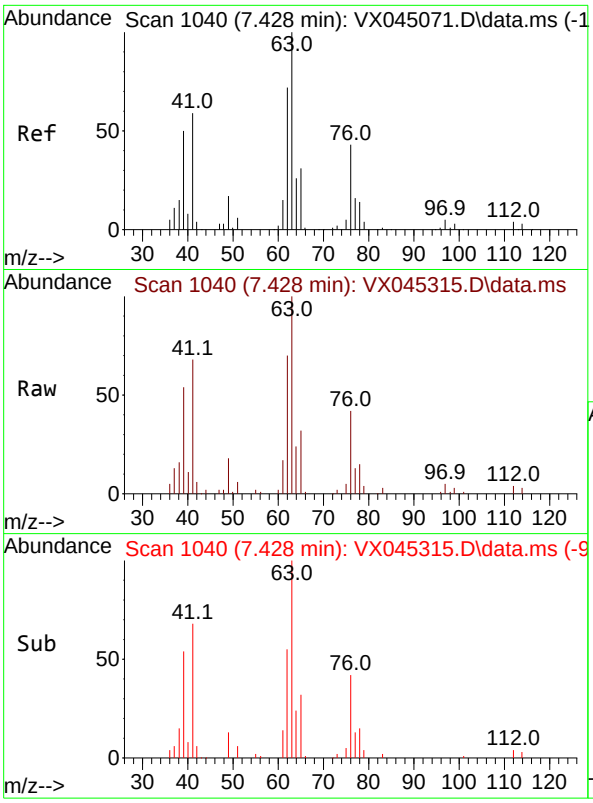


#44
Trichloroethene
Concen: 18.874 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion:130 Resp: 23097

Ion	Ratio	Lower	Upper
130	100		
95	99.3	0.0	205.0

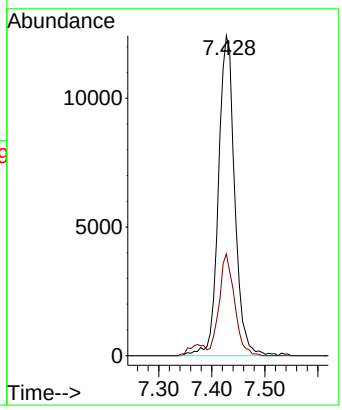




#45
1,2-Dichloropropane
Concen: 19.844 ug/l
RT: 7.428 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 63 Resp: 2659

Ion	Ratio	Lower	Upper
63	100		
65	31.8	24.7	37.1



Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

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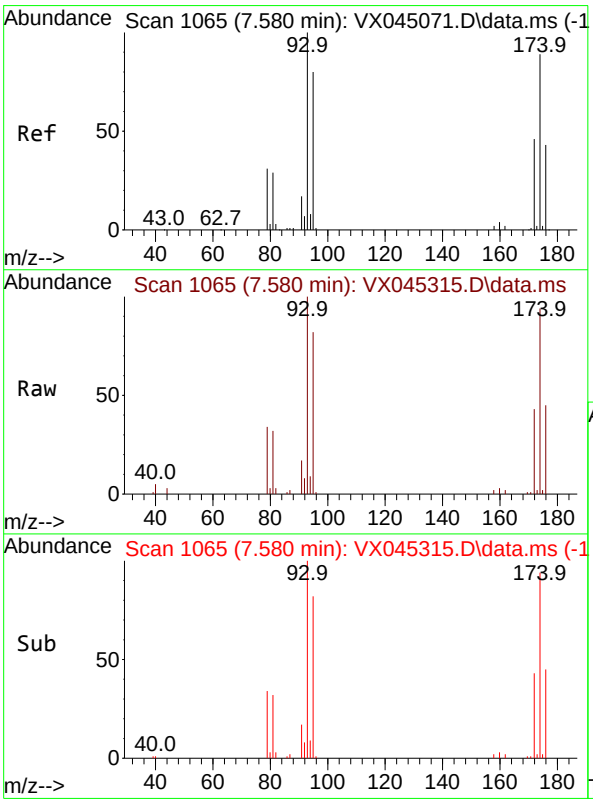
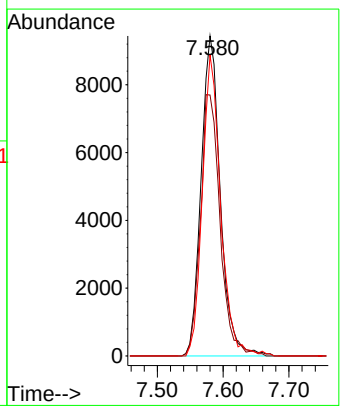
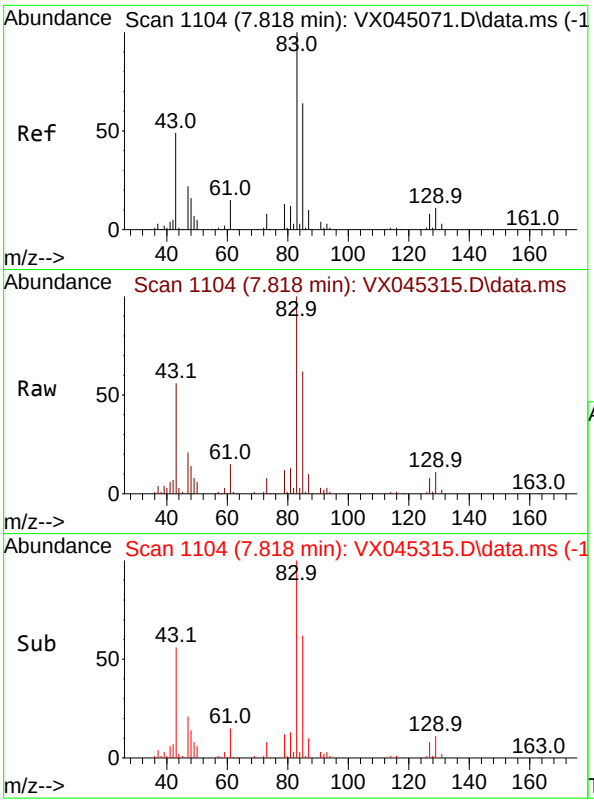


#46
Dibromomethane
Concen: 20.282 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 93 Resp: 19209

Ion	Ratio	Lower	Upper
93	100		
95	83.6	65.8	98.8
174	89.8	72.2	108.2

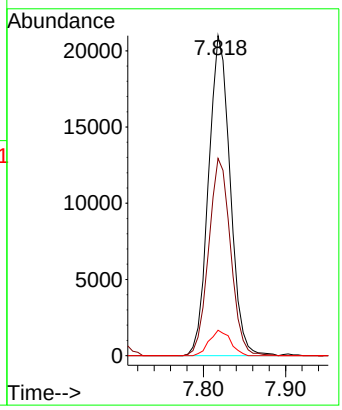




#47
Bromodichloromethane
Concen: 20.605 ug/l
RT: 7.818 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 83 Resp: 3827

Ion	Ratio	Lower	Upper
83	100		
85	61.7	51.1	76.7
127	7.9	6.4	9.6



Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

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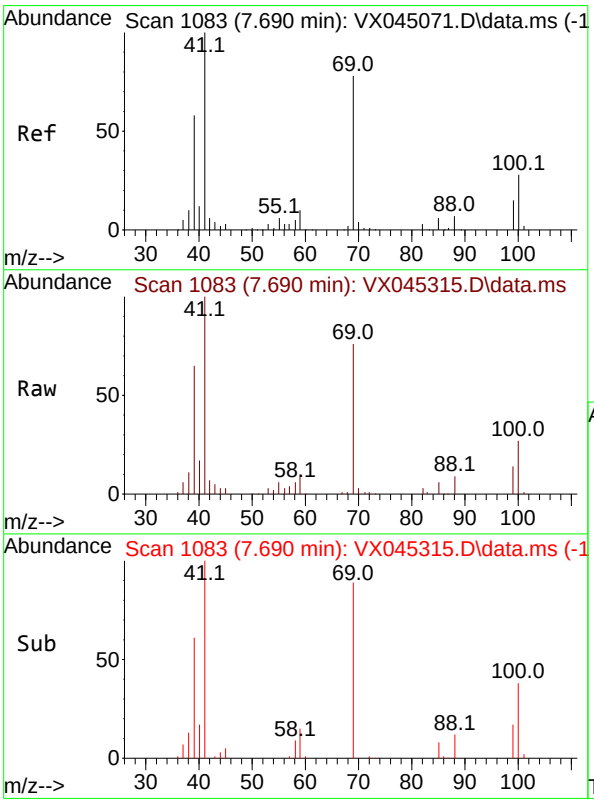
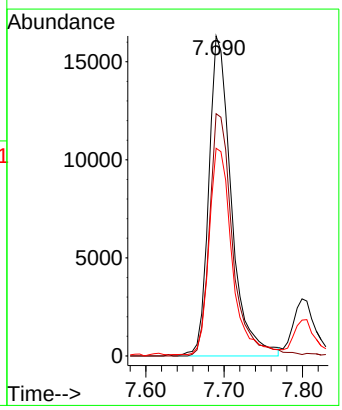
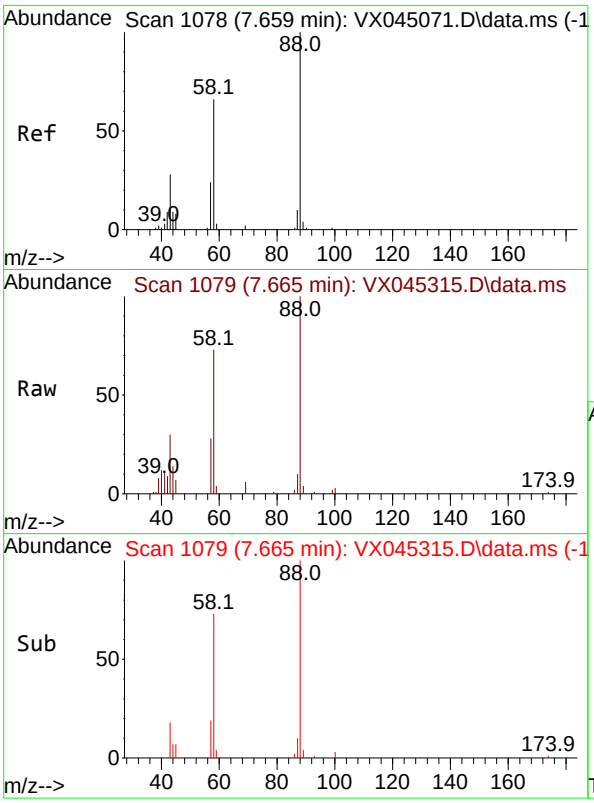


#48
Methyl methacrylate
Concen: 20.645 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 41 Resp: 32572

Ion	Ratio	Lower	Upper
41	100		
69	77.9	63.0	94.6
39	65.9	47.5	71.3

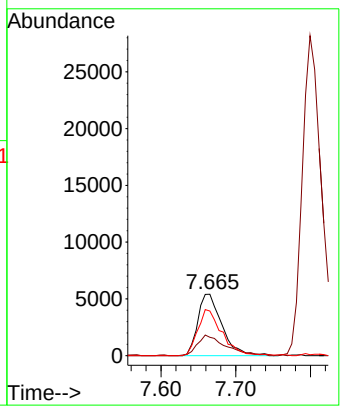




#49
1,4-Dioxane
Concen: 362.201 ug/l
RT: 7.665 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 88 Resp: 1205

Ion	Ratio	Lower	Upper
88	100		
43	39.2	28.7	43.1
58	75.8	55.8	83.8



Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

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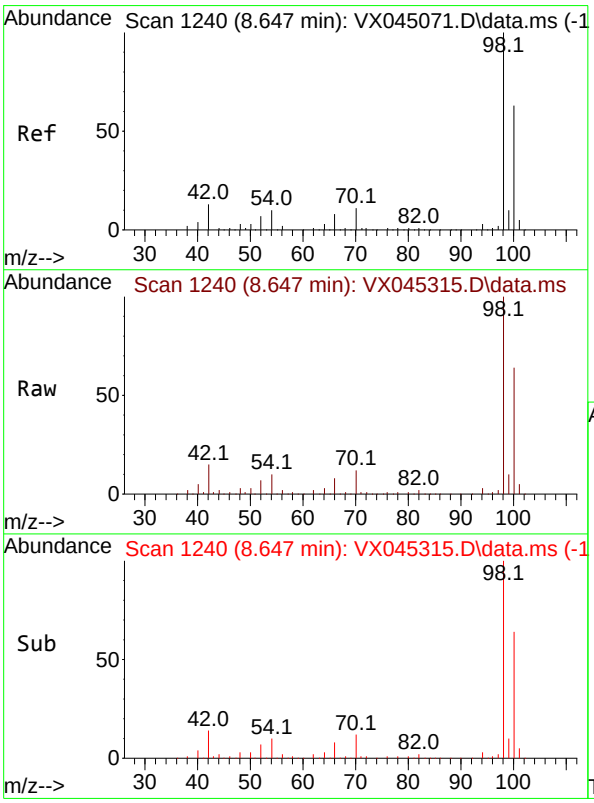
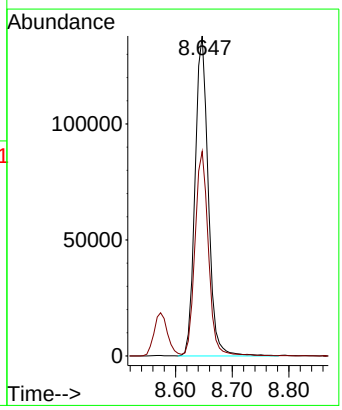
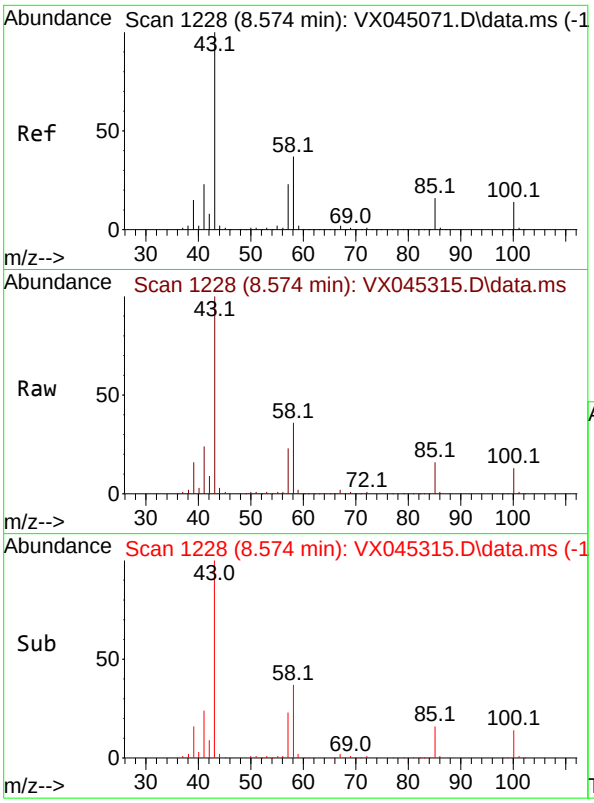


#50
Toluene-d8
Concen: 51.202 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 98 Resp: 223393

Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.0	78.0

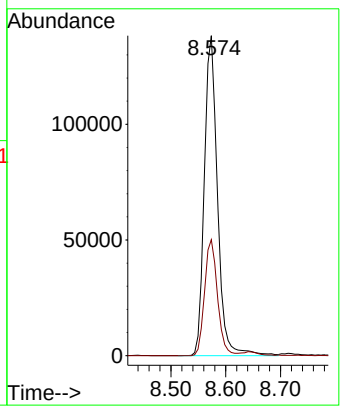




#51
4-Methyl-2-Pentanone
Concen: 109.054 ug/l
RT: 8.574 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 43 Resp: 23027

Ion	Ratio	Lower	Upper
43	100		
58	35.6	29.2	43.8



Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

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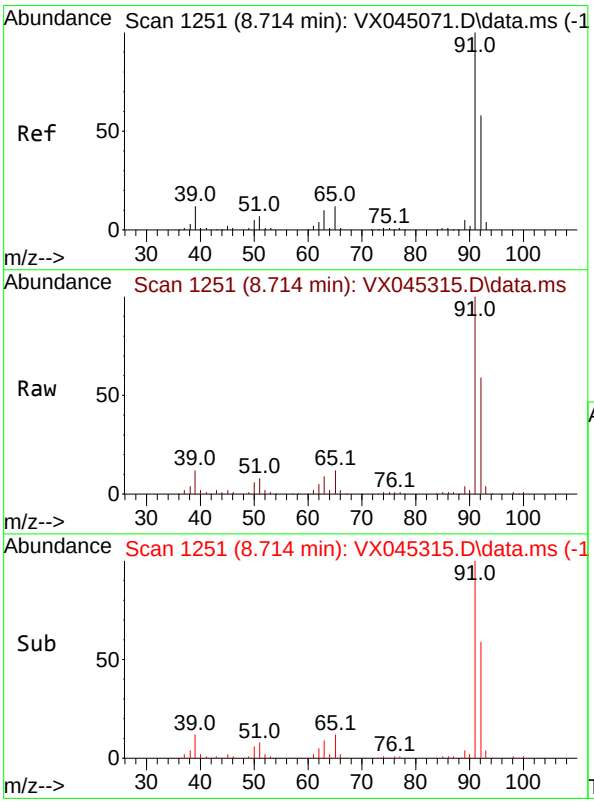
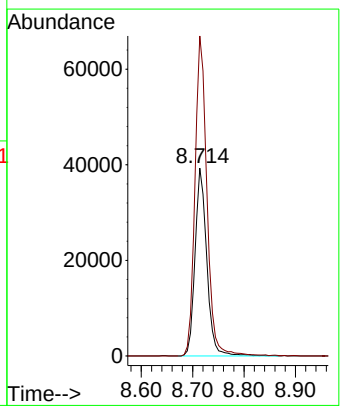
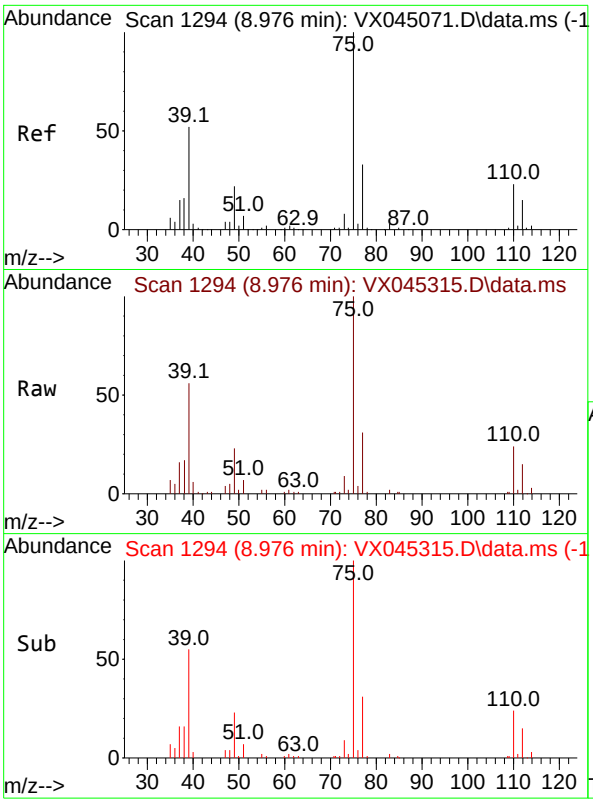


#52
Toluene
Concen: 20.477 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 92 Resp: 62616

Ion	Ratio	Lower	Upper
92	100		
91	173.7	138.9	208.3

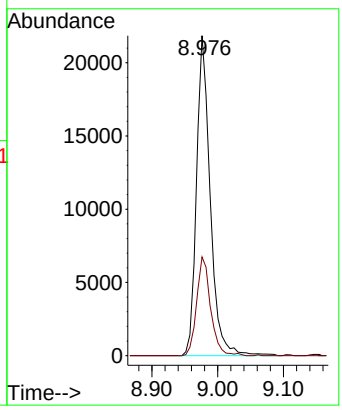




#53
t-1,3-Dichloropropene
Concen: 20.424 ug/l
RT: 8.976 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 75 Resp: 3172

Ion	Ratio	Lower	Upper
75	100		
77	30.8	26.5	39.7



Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

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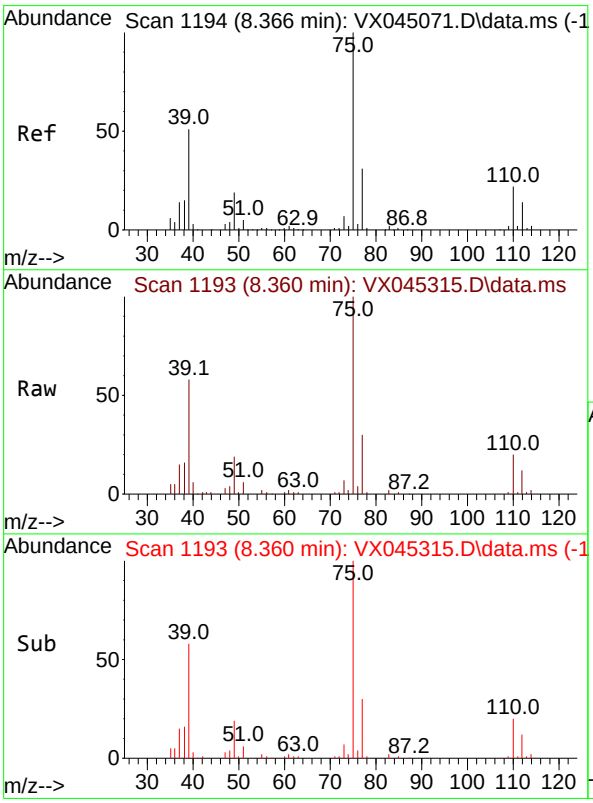
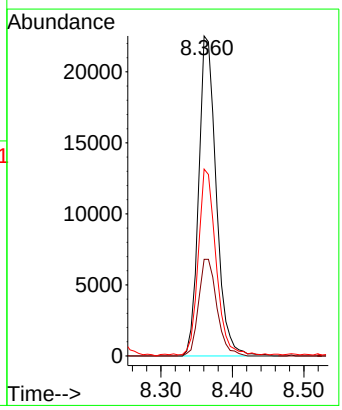
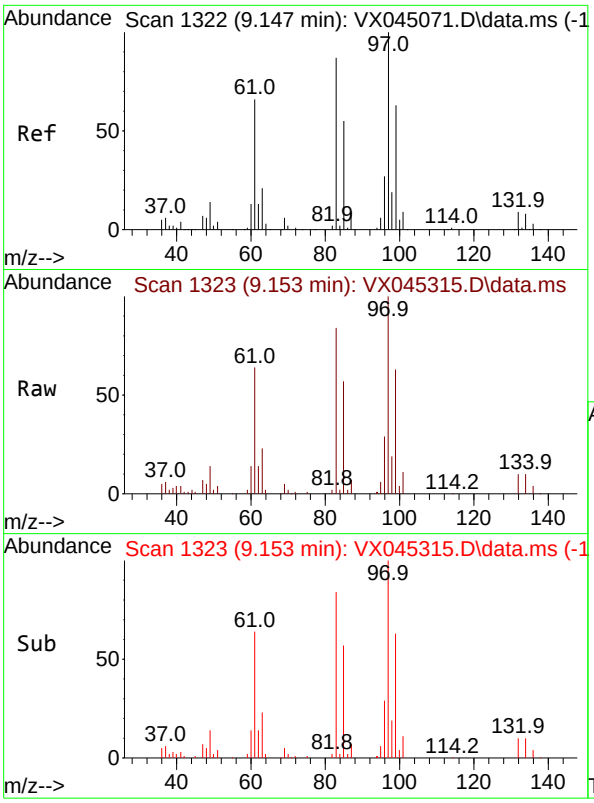


#54
cis-1,3-Dichloropropene
Concen: 21.174 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 75 Resp: 38346

Ion	Ratio	Lower	Upper
75	100		
77	30.2	24.7	37.1
39	58.0	40.7	61.1

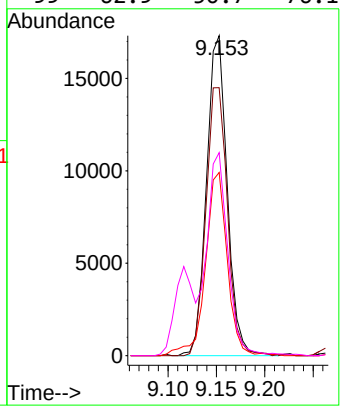




#55
1,1,2-Trichloroethane
Concen: 20.490 ug/l
RT: 9.153 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 97 Resp: 2579

Ion	Ratio	Lower	Upper
97	100		
83	83.7	69.4	104.2
85	56.9	44.1	66.1
99	62.9	50.7	76.1



Instrument :
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ClientSampleId :
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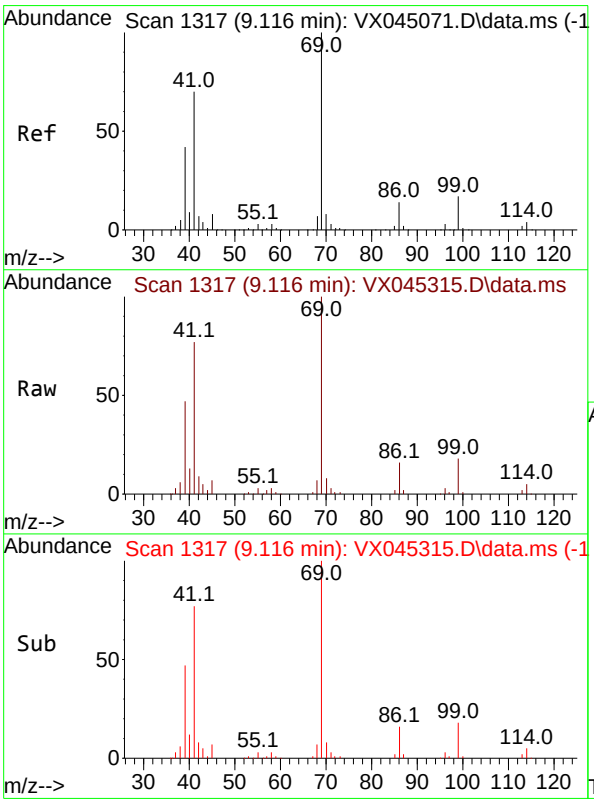
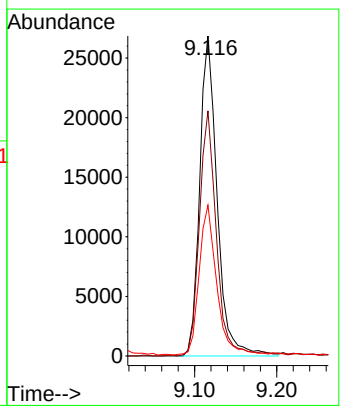
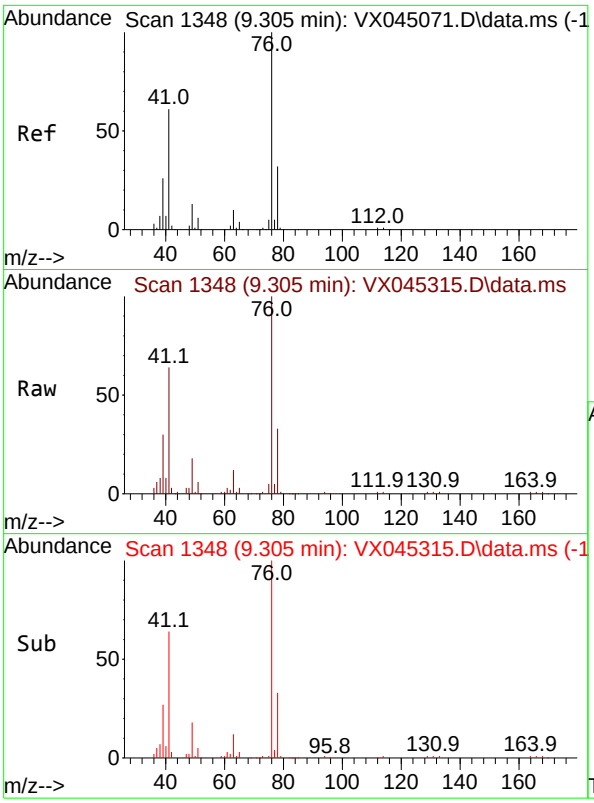


#56
Ethyl methacrylate
Concen: 20.698 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 69 Resp: 39605

Ion	Ratio	Lower	Upper
69	100		
41	75.6	57.0	85.4
39	47.1	34.2	51.4





#57
1,3-Dichloropropane
Concen: 20.567 ug/l
RT: 9.305 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 76 Resp: 4480

Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.5	38.3

Instrument :
MSVOA_X
ClientSampleId :
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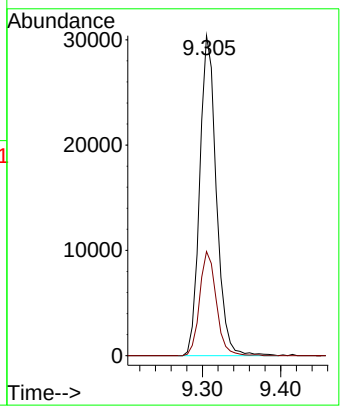
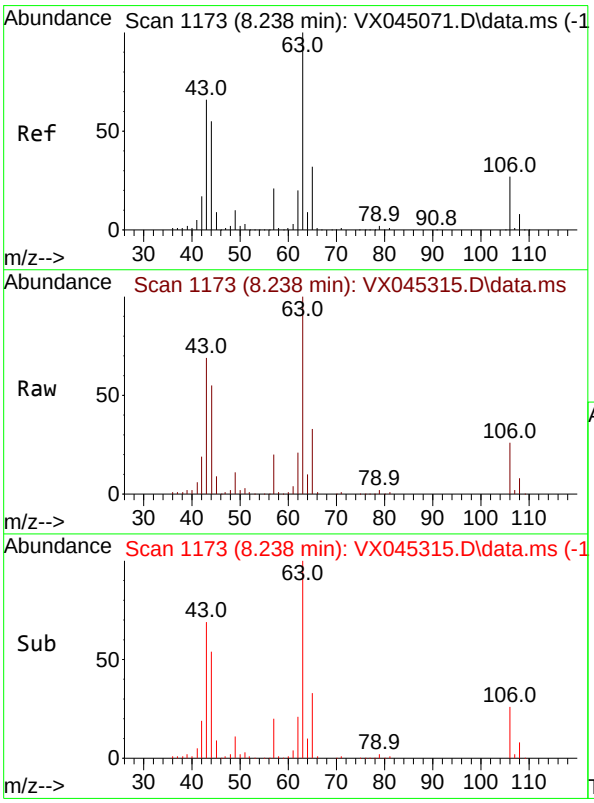
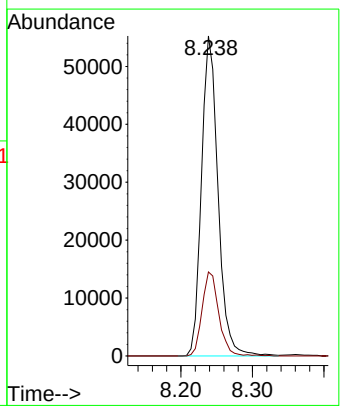


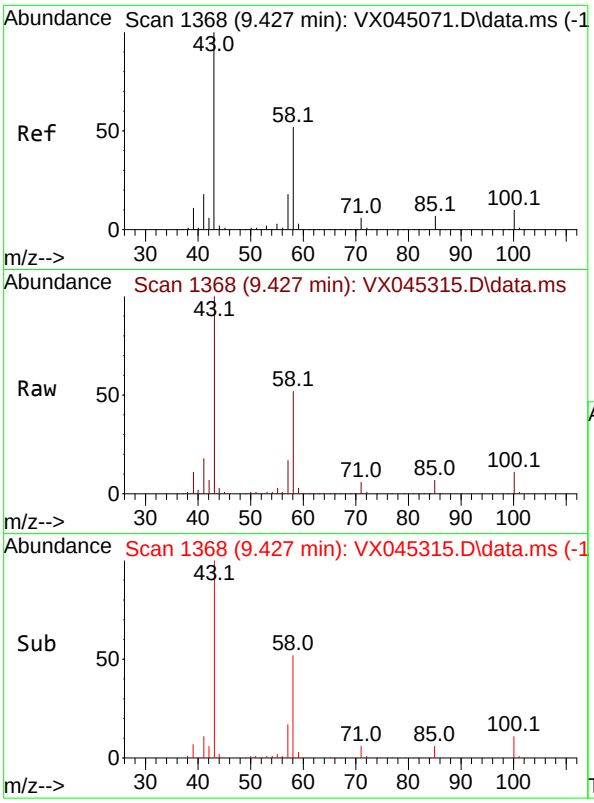


#58
2-Chloroethyl Vinyl ether
Concen: 95.056 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 63 Resp: 88727

Ion	Ratio	Lower	Upper
63	100		
106	26.5	21.5	32.3

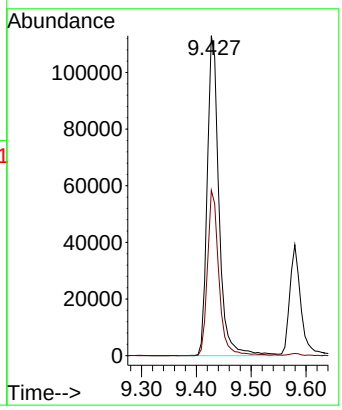




#59
2-Hexanone
Concen: 109.574 ug/l
RT: 9.427 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 43 Resp: 16763

Ion	Ratio	Lower	Upper
43	100		
58	50.2	25.9	77.6



Instrument :
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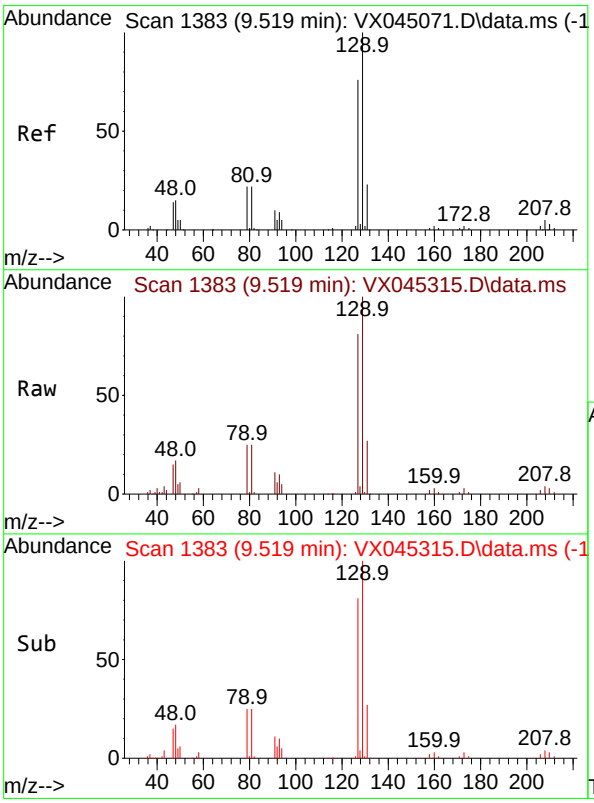
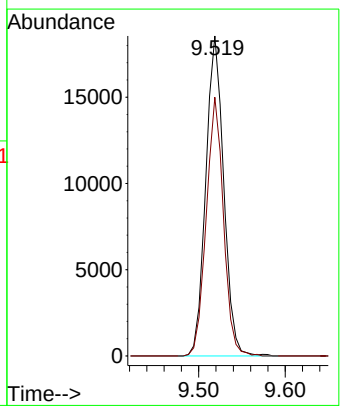
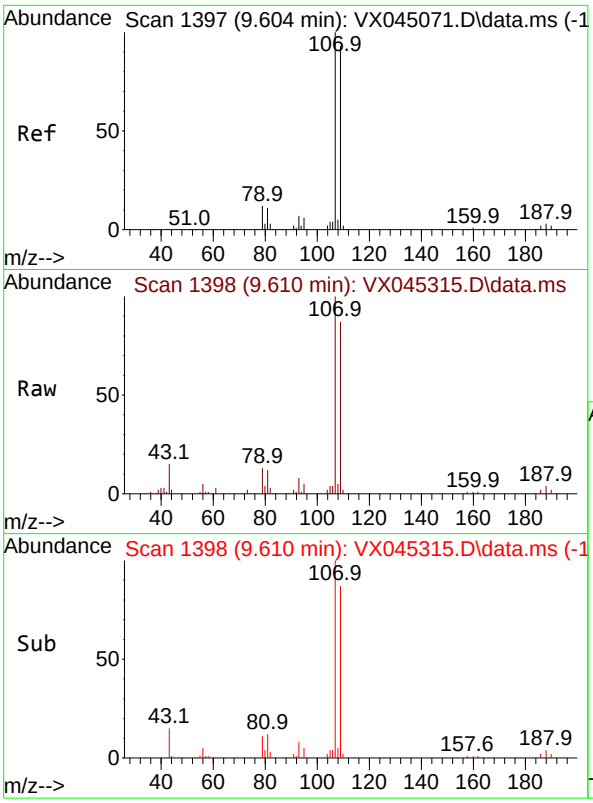


#60
Dibromochloromethane
Concen: 20.275 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion:129 Resp: 26686

Ion	Ratio	Lower	Upper
129	100		
127	77.5	38.5	115.5

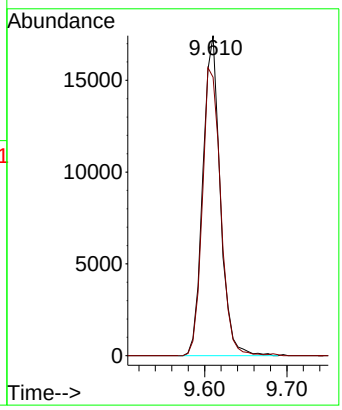




#61
1,2-Dibromoethane
Concen: 20.423 ug/l
RT: 9.610 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion:107 Resp: 2566

Ion	Ratio	Lower	Upper
107	100		
109	94.4	76.1	114.1



Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

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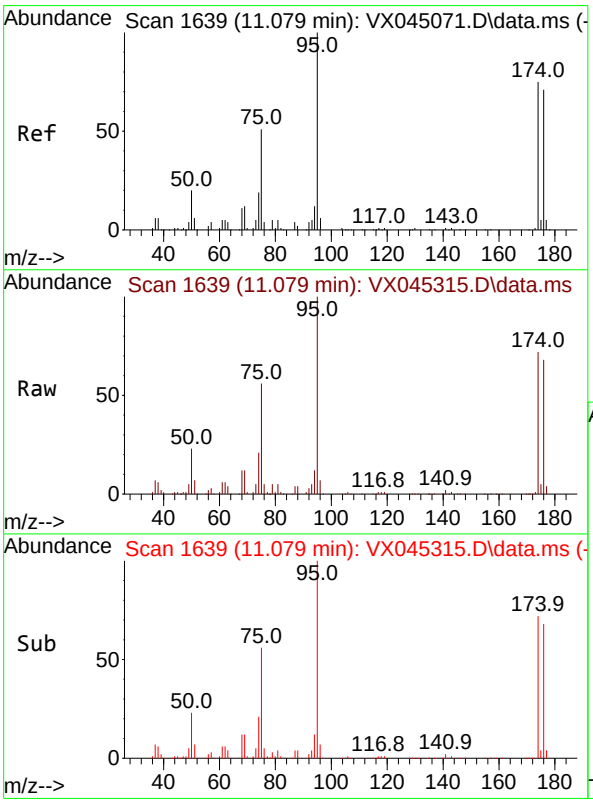
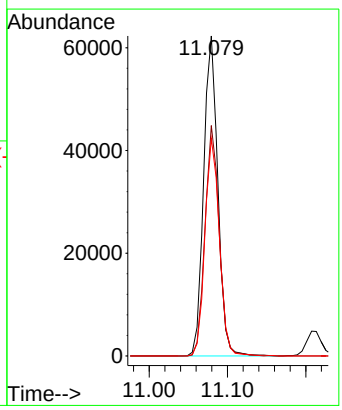
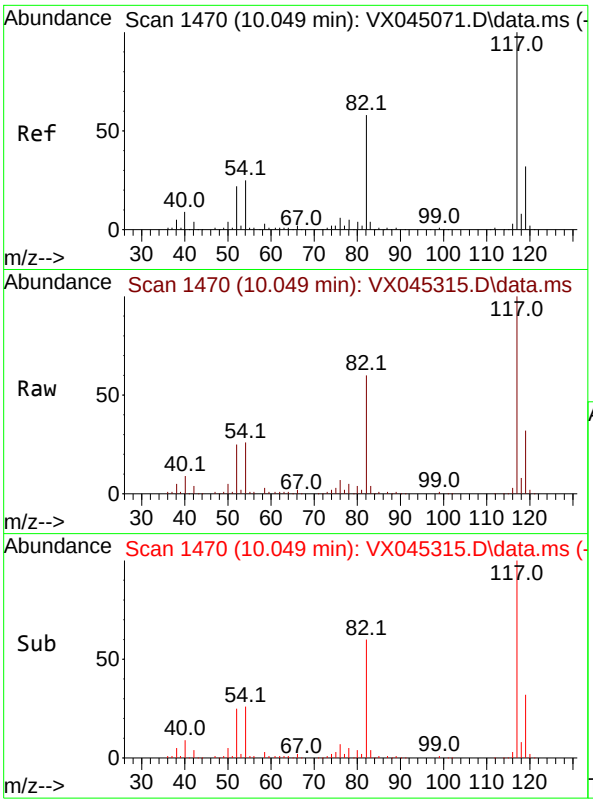


#62
4-Bromofluorobenzene
Concen: 54.144 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 95 Resp: 78279

Ion	Ratio	Lower	Upper
95	100		
174	72.0	0.0	148.2
176	69.1	0.0	141.4

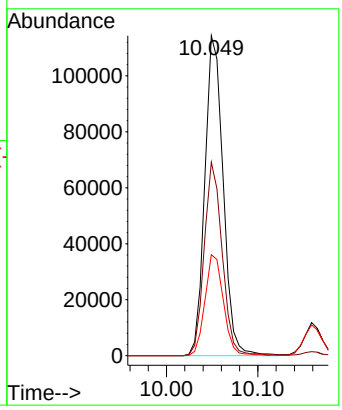




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion:117 Resp: 15908

Ion	Ratio	Lower	Upper
117	100		
82	60.5	46.3	69.5
119	31.5	25.7	38.5



Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

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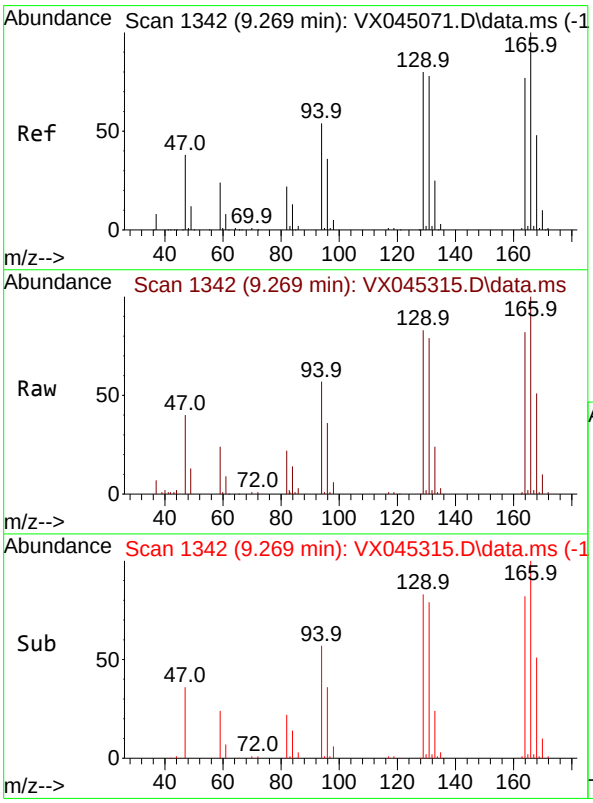
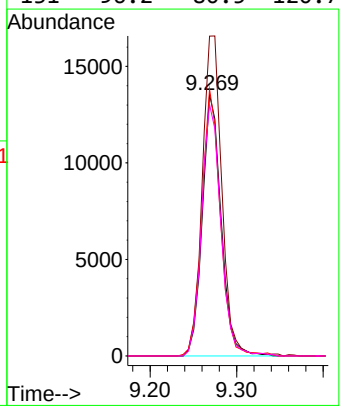
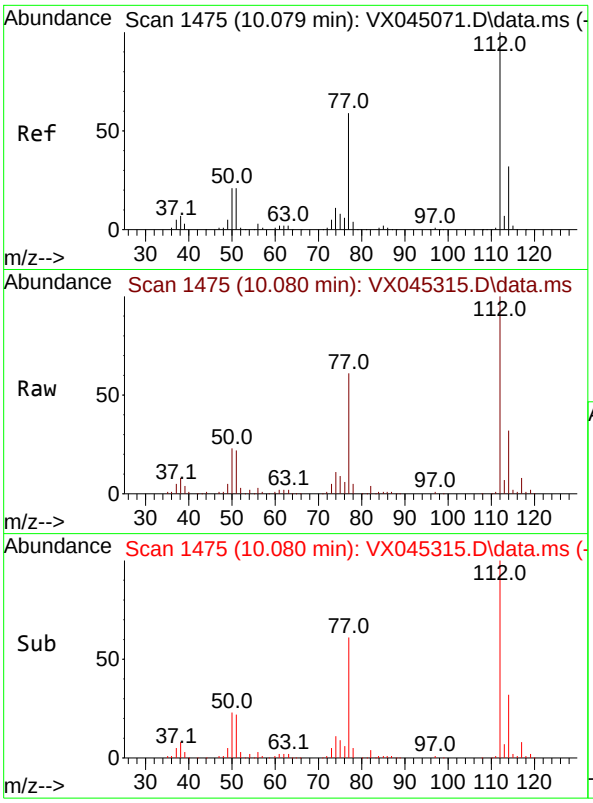


#64
Tetrachloroethene
Concen: 20.025 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion:164 Resp: 20403

Ion	Ratio	Lower	Upper
164	100		
166	122.4	103.6	155.4
129	102.2	82.7	124.1
131	96.2	80.5	120.7

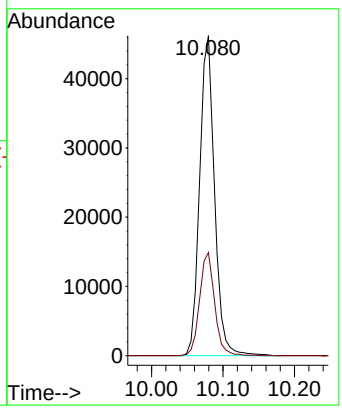




#65
Chlorobenzene
Concen: 19.853 ug/l
RT: 10.080 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion:112 Resp: 6683

Ion	Ratio	Lower	Upper
112	100		
114	32.2	26.0	39.0



Instrument :
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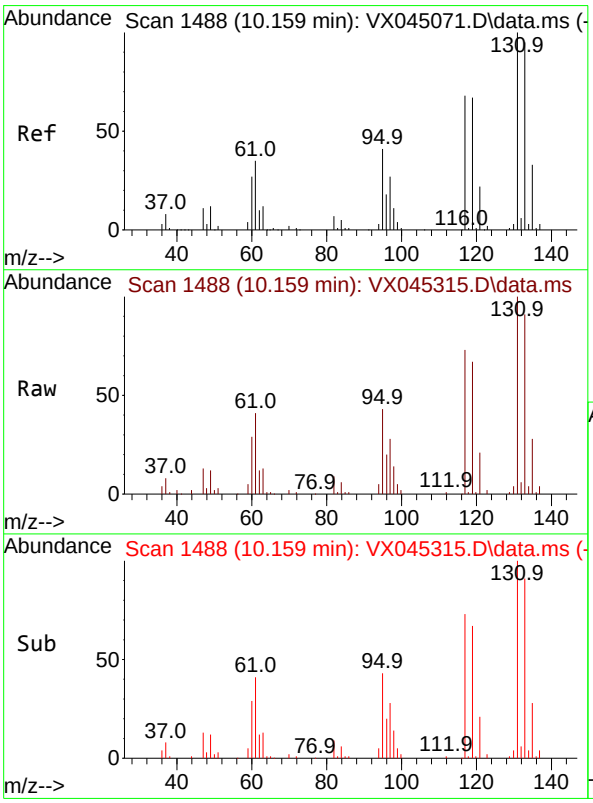
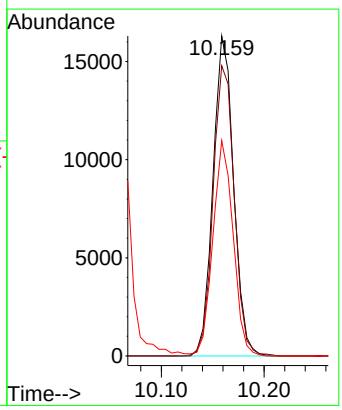
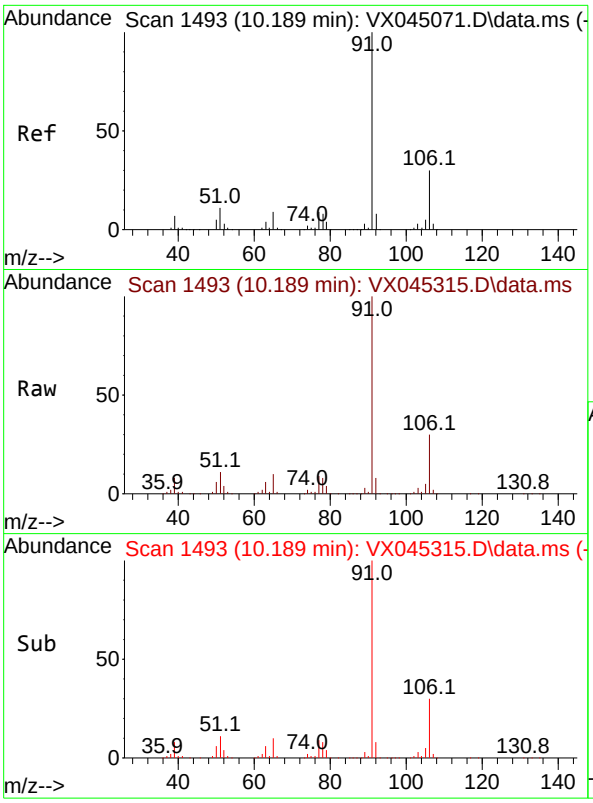


#66
1,1,1,2-Tetrachloroethane
Concen: 20.200 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion:131 Resp: 22645

Ion	Ratio	Lower	Upper
131	100		
133	93.2	48.6	145.9
119	66.1	33.9	101.7





#67
Ethyl Benzene
Concen: 20.290 ug/l
RT: 10.189 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 91 Resp: 11900

Ion	Ratio	Lower	Upper
91	100		
106	30.5	23.9	35.9

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

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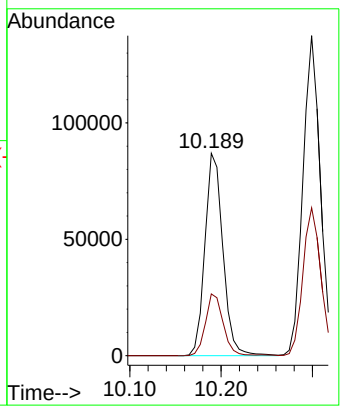
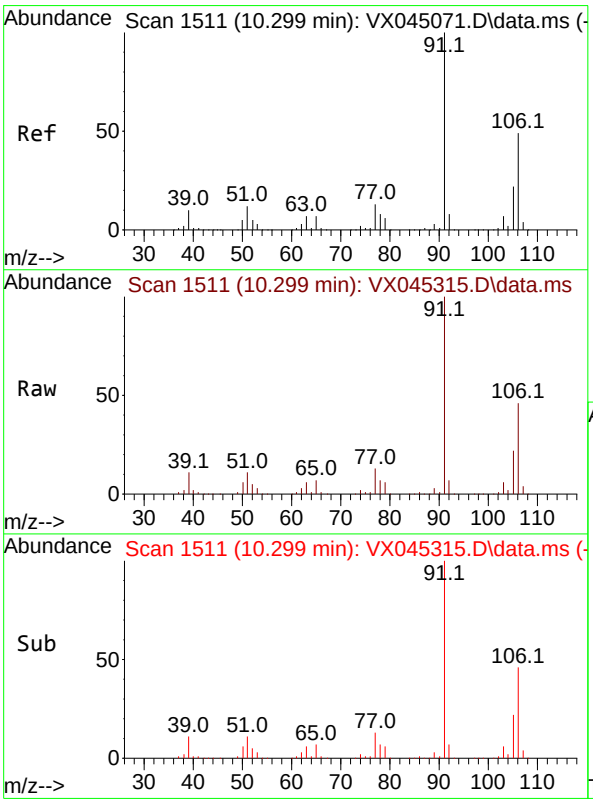
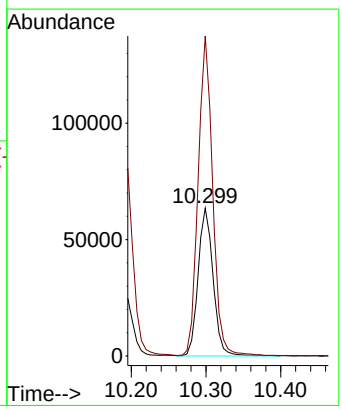


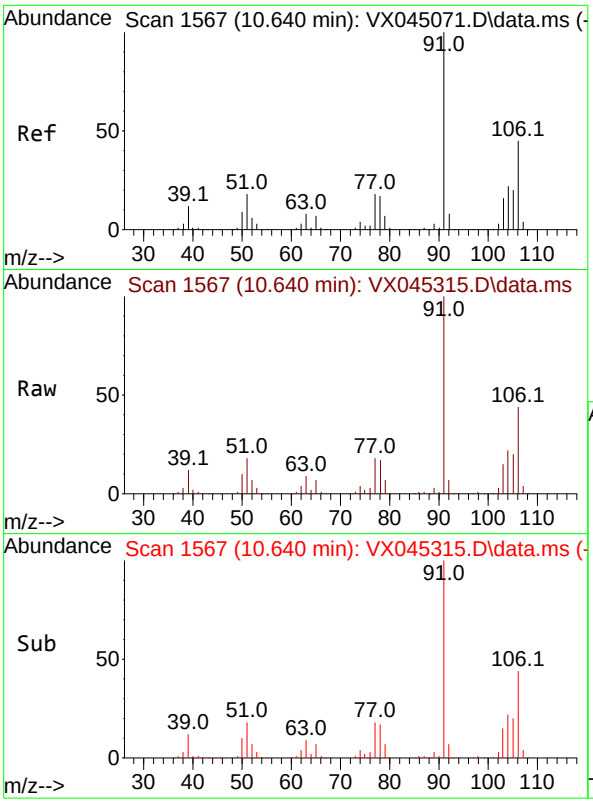


#68
m/p-Xylenes
Concen: 41.222 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion:106 Resp: 88510

Ion	Ratio	Lower	Upper
106	100		
91	210.4	165.4	248.0

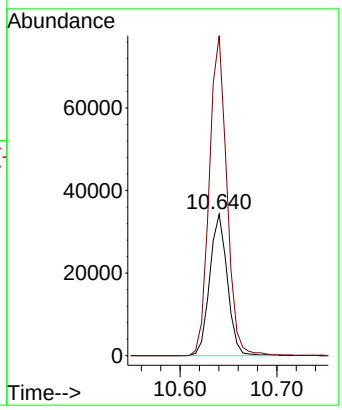




#69
o-Xylene
Concen: 20.101 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion:106 Resp: 4352

Ion	Ratio	Lower	Upper
106	100		
91	225.8	109.9	329.6



Instrument :
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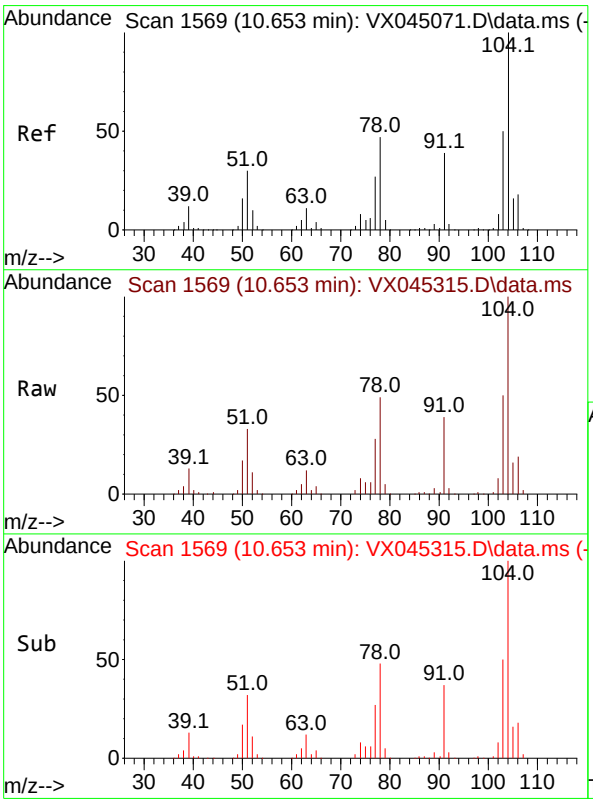
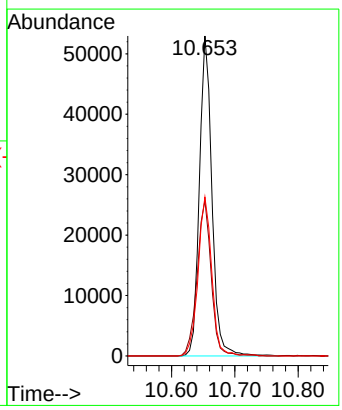
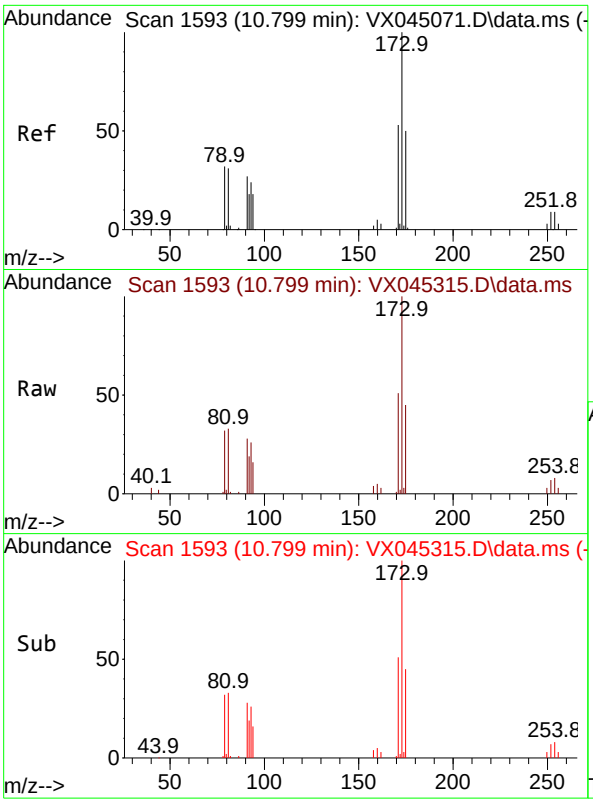


#70
Styrene
Concen: 20.855 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion:104 Resp: 73075

Ion	Ratio	Lower	Upper
104	100		
78	54.7	42.2	63.4
103	54.3	43.8	65.8

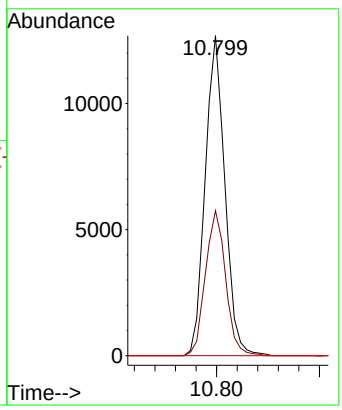




#71
Bromoform
Concen: 19.960 ug/l
RT: 10.799 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion:173 Resp: 1687

Ion	Ratio	Lower	Upper
173	100		
175	46.6	24.6	73.6
254	0.0	0.0	0.0



Instrument :
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ClientSampleId :
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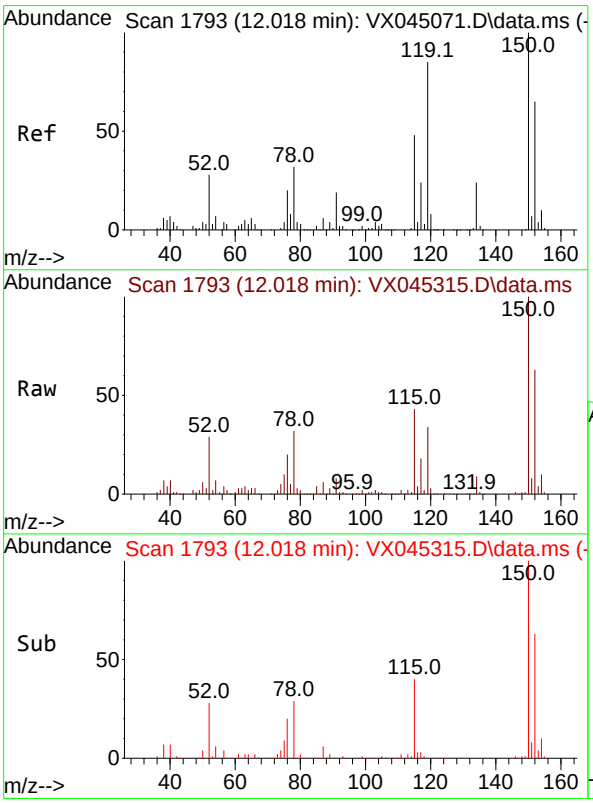
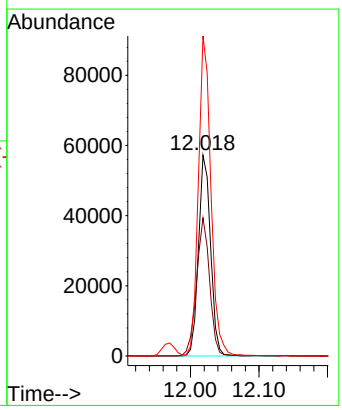
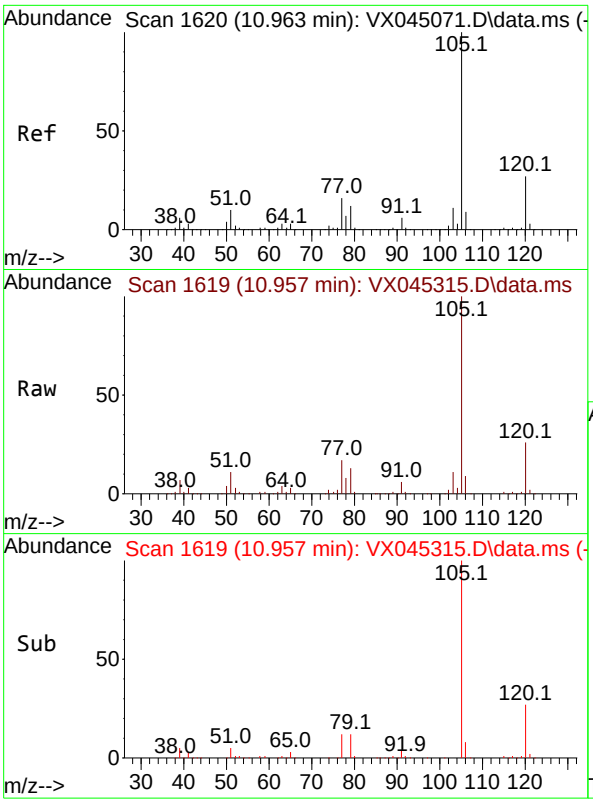


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion:152 Resp: 70581

Ion	Ratio	Lower	Upper
152	100		
115	74.1	44.2	132.6
150	164.7	0.0	349.0

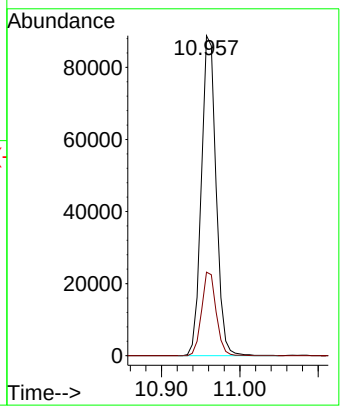




#73
Isopropylbenzene
Concen: 21.006 ug/l
RT: 10.957 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion:105 Resp: 11572

Ion	Ratio	Lower	Upper
105	100		
120	25.8	13.2	39.5



Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

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Reviewed By :John Carlone 03/19/2025
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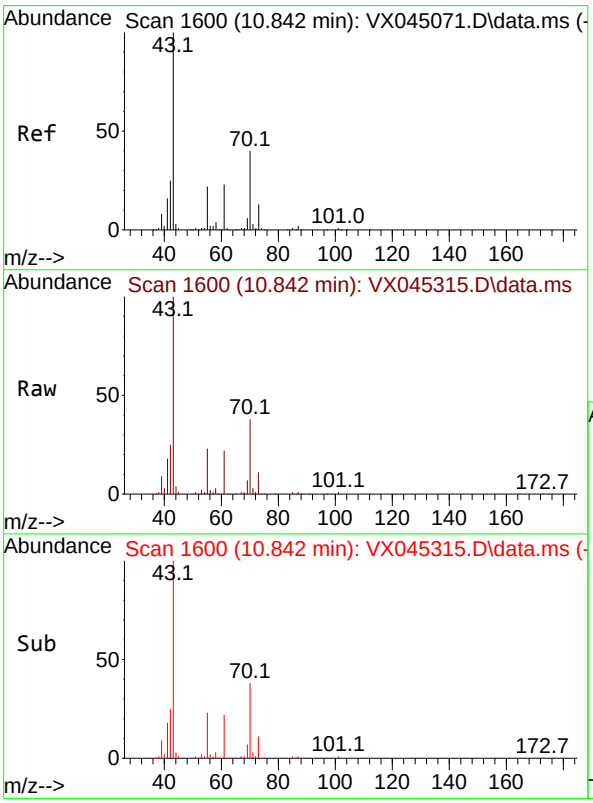
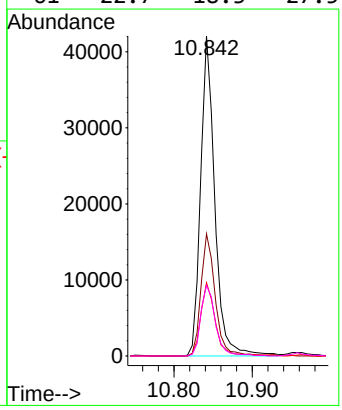
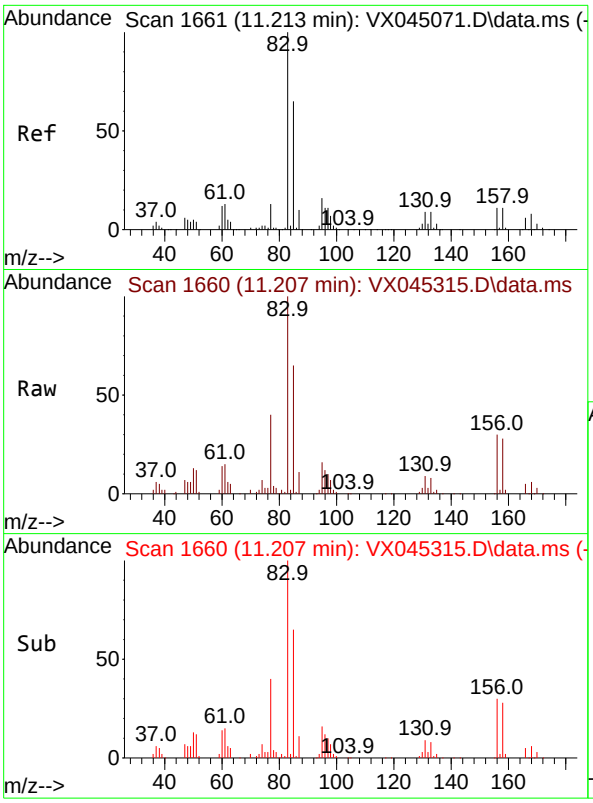


#74
N-amyl acetate
Concen: 20.478 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 43 Resp: 52935

Ion	Ratio	Lower	Upper
43	100		
70	38.3	31.8	47.6
55	23.6	18.3	27.5
61	22.7	18.3	27.5

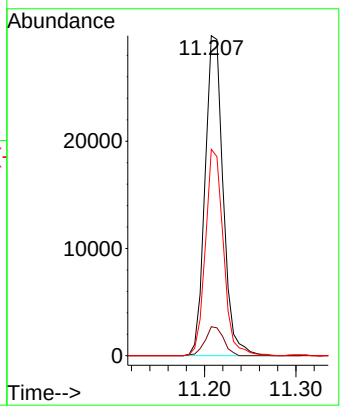




#75
1,1,2,2-Tetrachloroethane
Concen: 20.233 ug/l
RT: 11.207 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 83 Resp: 4090

Ion	Ratio	Lower	Upper
83	100		
131	9.3	4.5	13.4
85	64.2	31.7	95.1



Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

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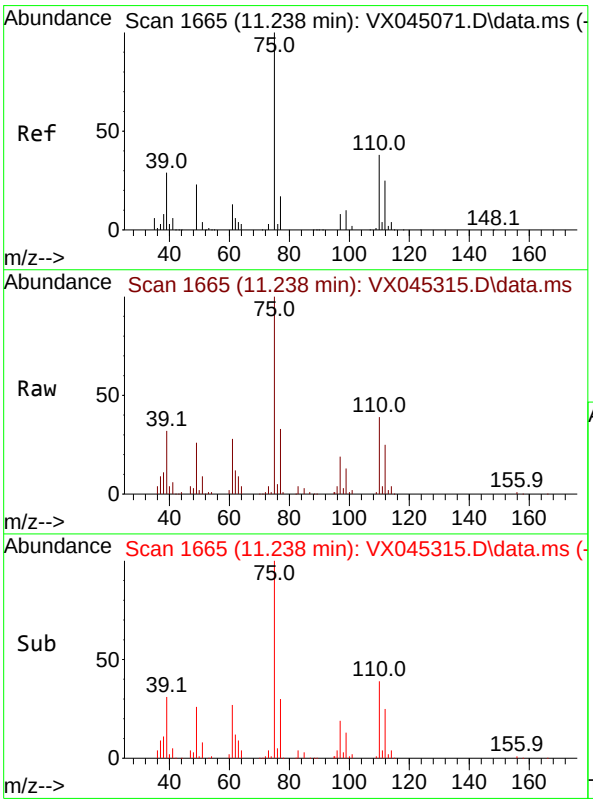
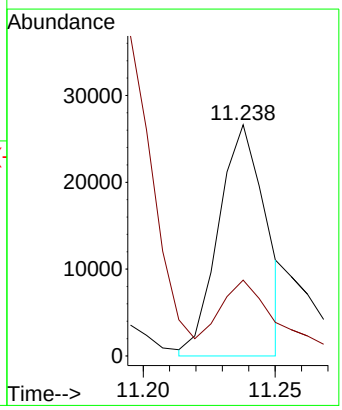
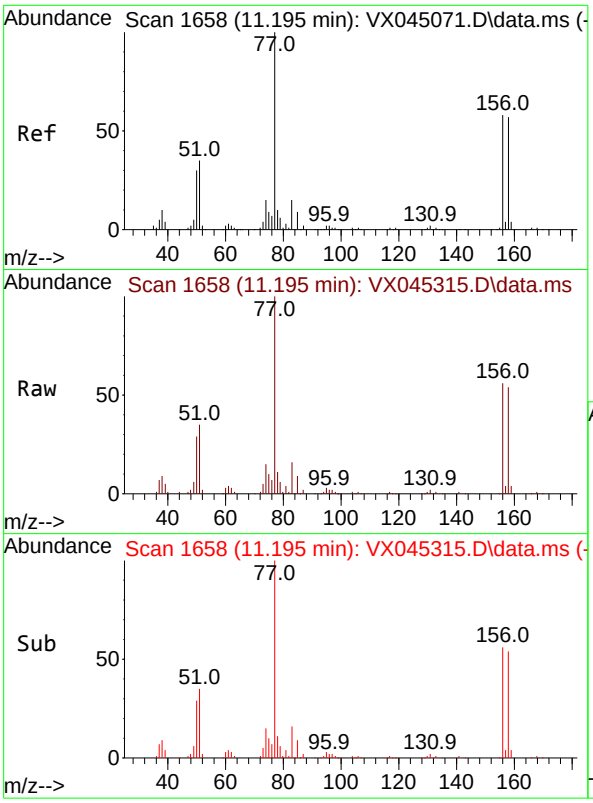


#76
1,2,3-Trichloropropane
Concen: 20.126 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 75 Resp: 33063

Ion	Ratio	Lower	Upper
75	100		
77	40.9	20.7	62.1

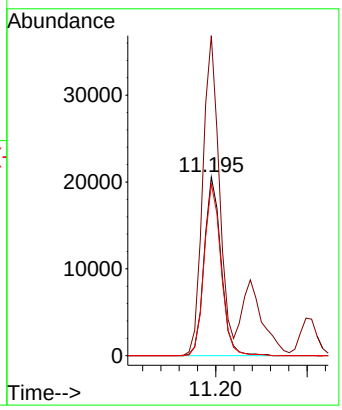




#77
Bromobenzene
Concen: 20.305 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion:156 Resp: 2639

Ion	Ratio	Lower	Upper
156	100		
77	175.9	85.8	257.4
158	96.0	48.4	145.2



Instrument :
MSVOA_X
ClientSampleId :
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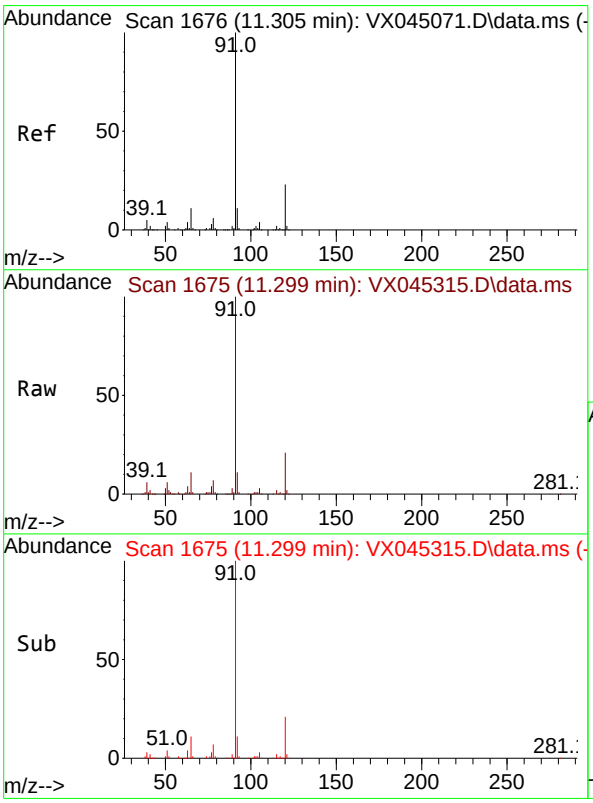
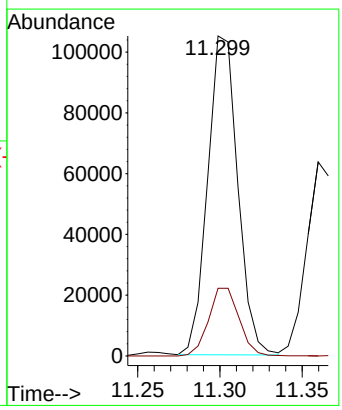
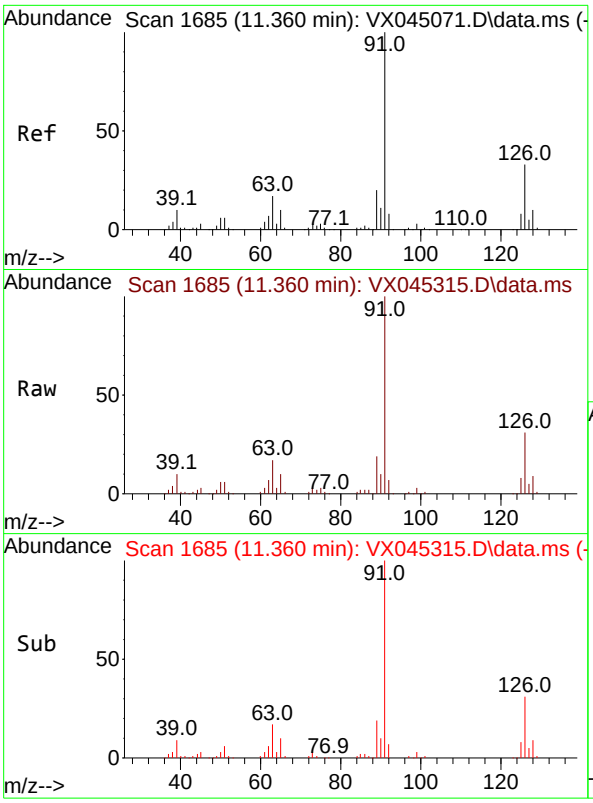


#78
n-propylbenzene
Concen: 21.500 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 91 Resp: 133799

Ion	Ratio	Lower	Upper
91	100		
120	21.6	11.2	33.6

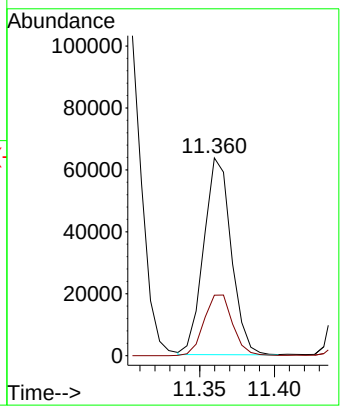




#79
2-Chlorotoluene
Concen: 20.531 ug/l
RT: 11.360 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 91 Resp: 8137

Ion	Ratio	Lower	Upper
91	100		
126	32.1	16.4	49.4



Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

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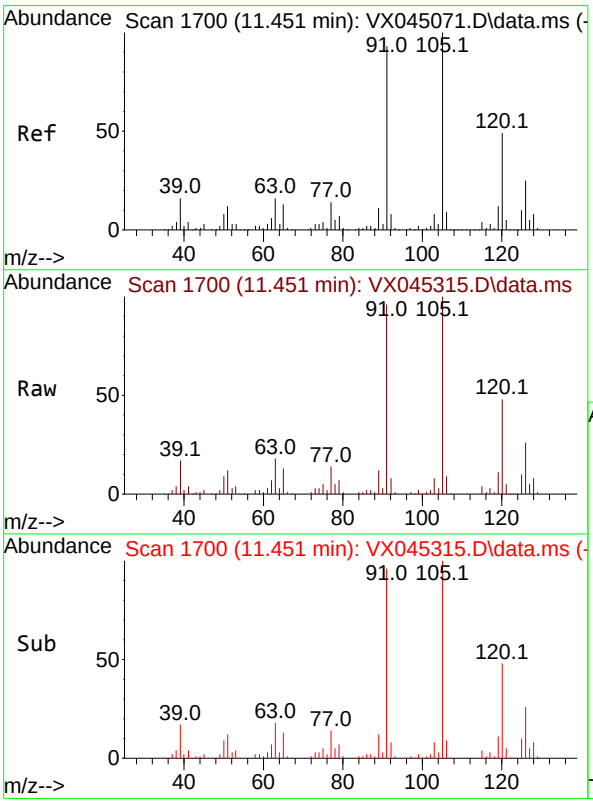
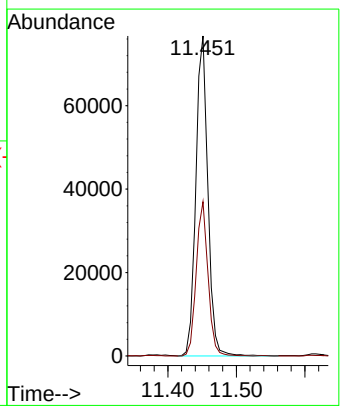
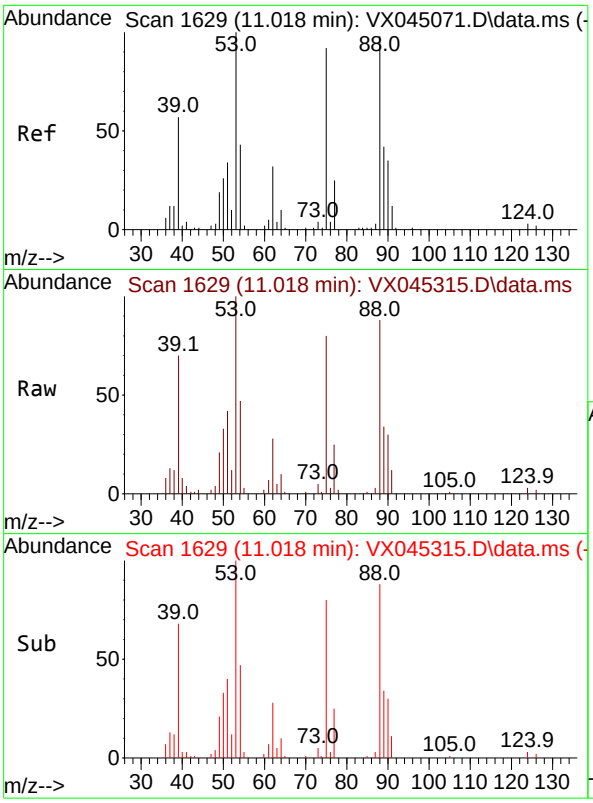


#80
1,3,5-Trimethylbenzene
Concen: 21.036 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion:105 Resp: 93706

Ion	Ratio	Lower	Upper
105	100		
120	47.3	24.1	72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 19.380 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 75 Resp: 930

Ion	Ratio	Lower	Upper
75	100		
53	135.4	88.5	132.7#
89	46.1	36.2	54.4

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

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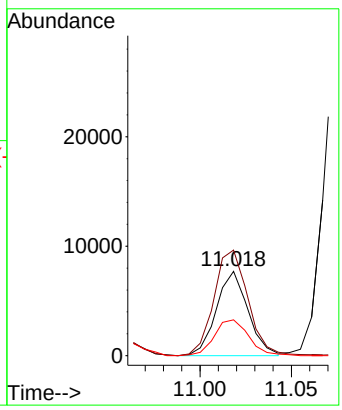
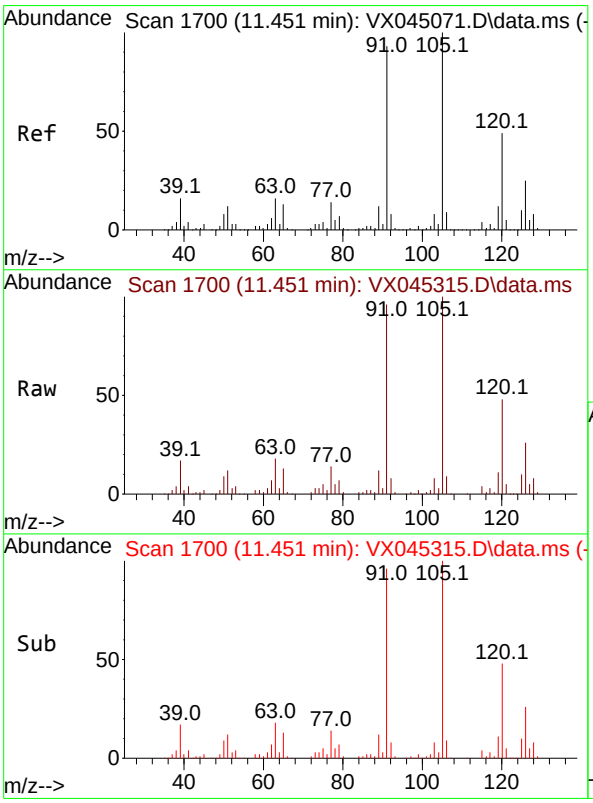
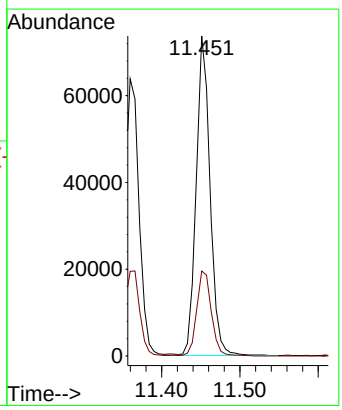


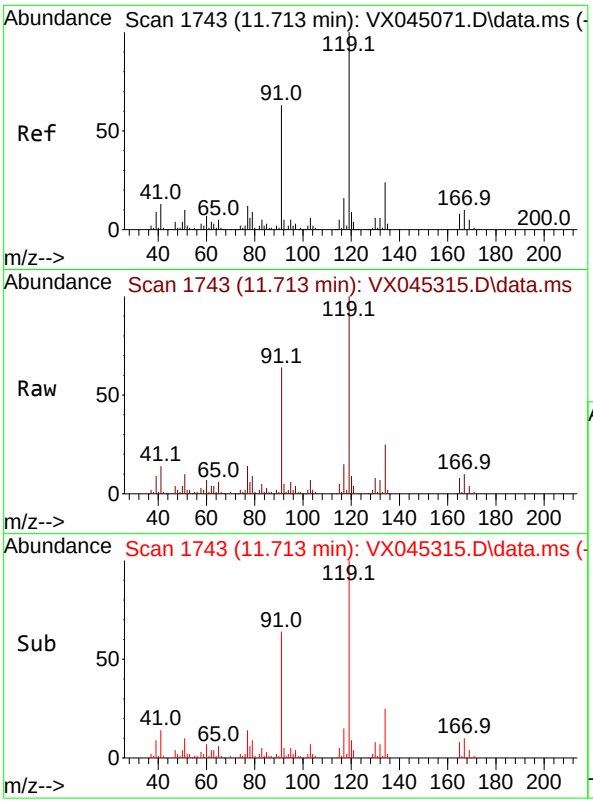


#82
4-Chlorotoluene
Concen: 21.000 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 91 Resp: 90708

Ion	Ratio	Lower	Upper
91	100		
126	28.2	14.1	42.4

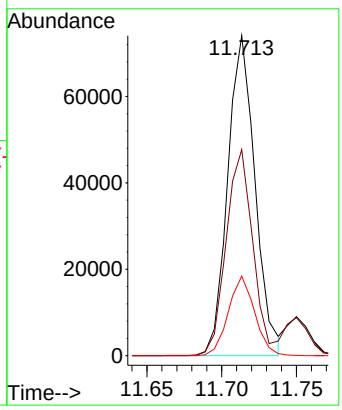




#83
tert-Butylbenzene
Concen: 20.597 ug/l
RT: 11.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion:119 Resp: 9427

Ion	Ratio	Lower	Upper
119	100		
91	63.5	30.7	92.1
134	23.9	11.7	35.0



Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

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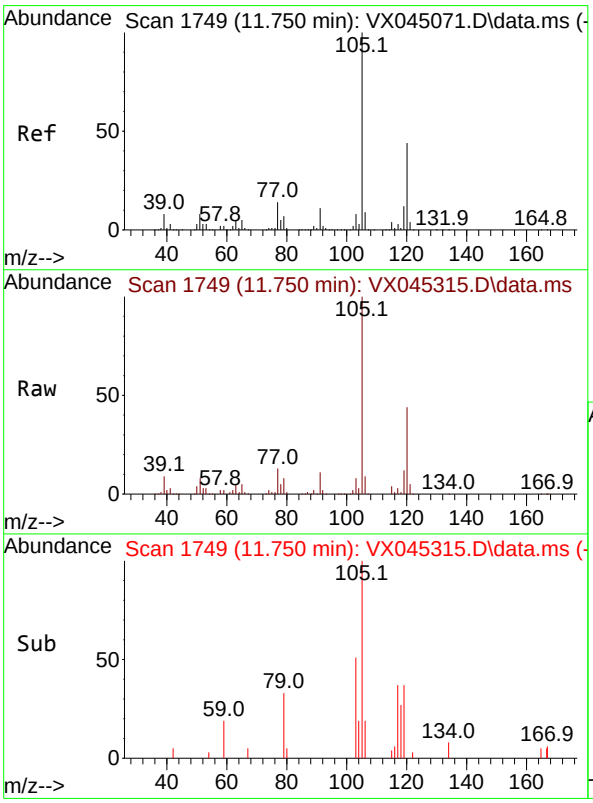
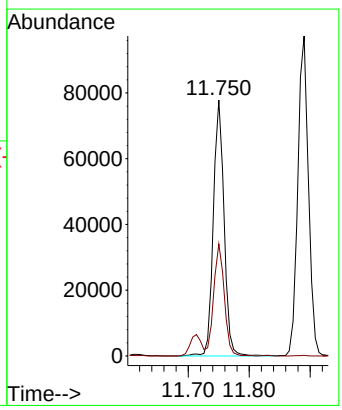
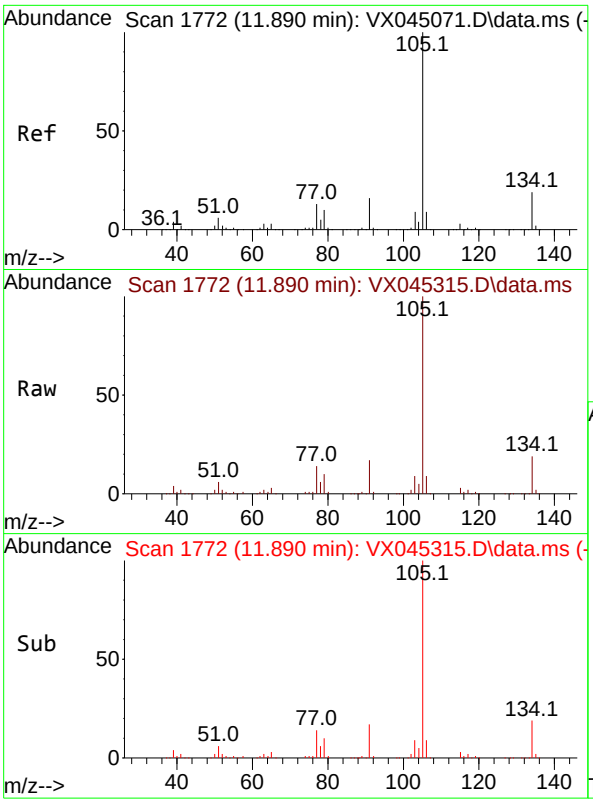


#84
1,2,4-Trimethylbenzene
Concen: 21.253 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion:105 Resp: 95258

Ion	Ratio	Lower	Upper
105	100		
120	43.3	22.1	66.1





#85
sec-Butylbenzene
Concen: 21.540 ug/l
RT: 11.890 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion:105 Resp: 11809

Ion	Ratio	Lower	Upper
105	100		
134	19.0	9.8	29.4

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Manual Integrations APPROVED

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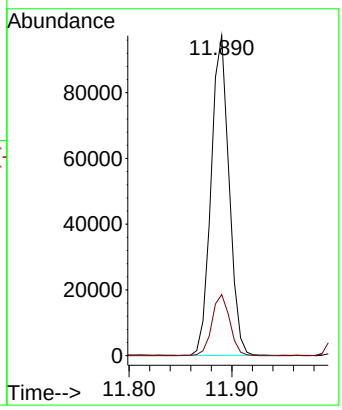
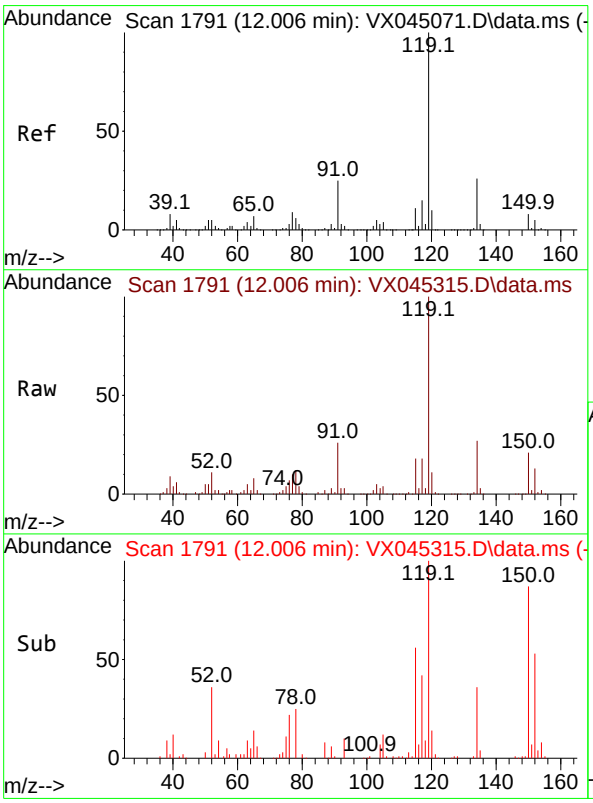
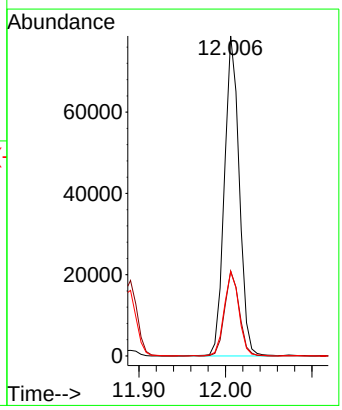


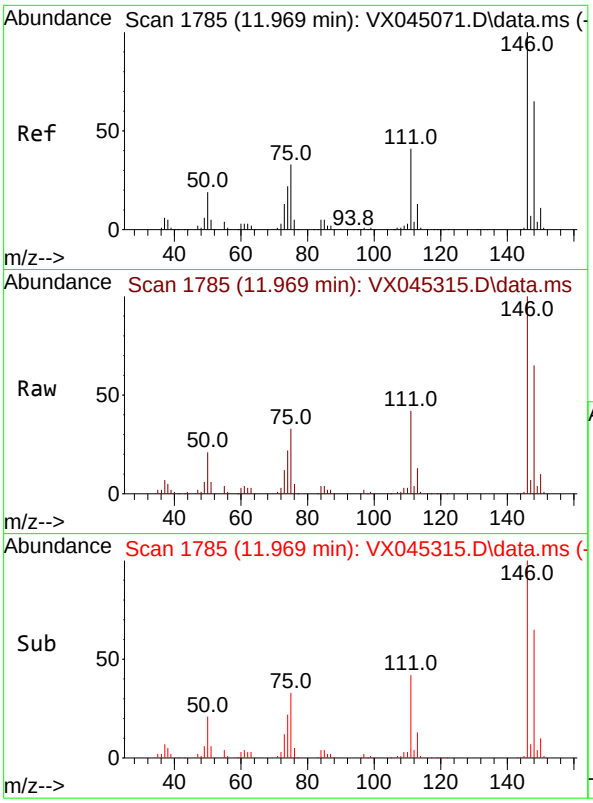


#86
p-Isopropyltoluene
Concen: 21.165 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion:119 Resp: 93774

Ion	Ratio	Lower	Upper
119	100		
134	26.1	12.9	38.6
91	26.3	12.7	38.0

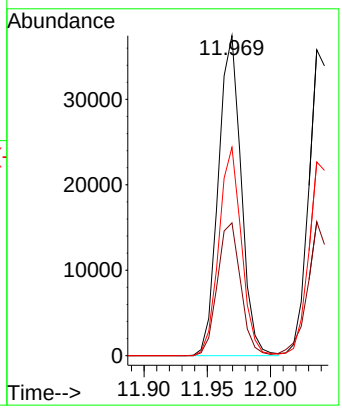




#87
1,3-Dichlorobenzene
Concen: 20.238 ug/l
RT: 11.969 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion:146 Resp: 4692

Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.1	63.4
148	64.6	31.9	95.7



Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

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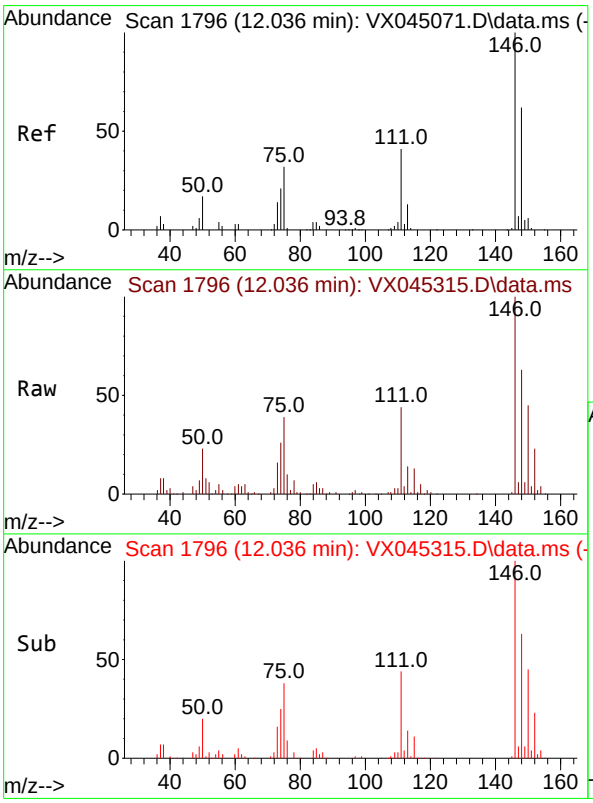
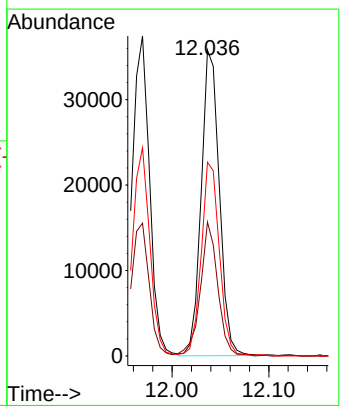
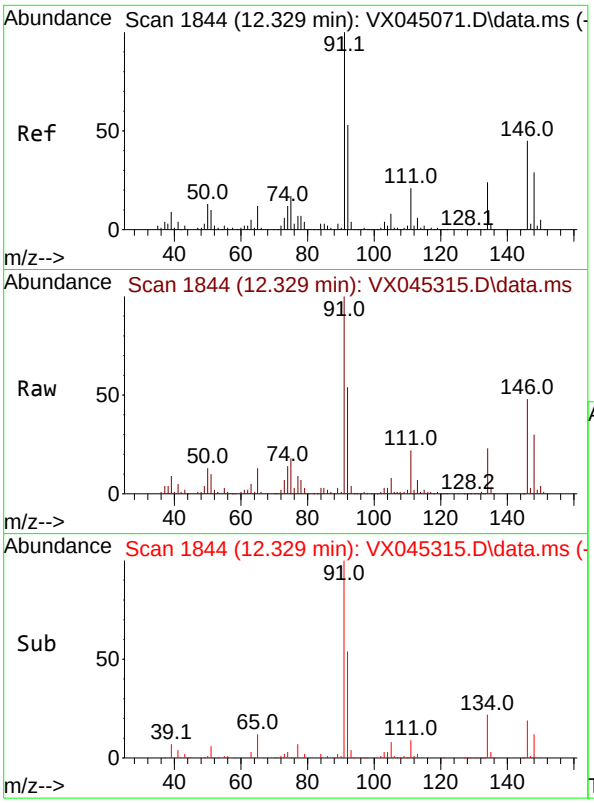


#88
1,4-Dichlorobenzene
Concen: 19.915 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion:146 Resp: 46719

Ion	Ratio	Lower	Upper
146	100		
111	42.3	20.2	60.5
148	63.6	31.9	95.9

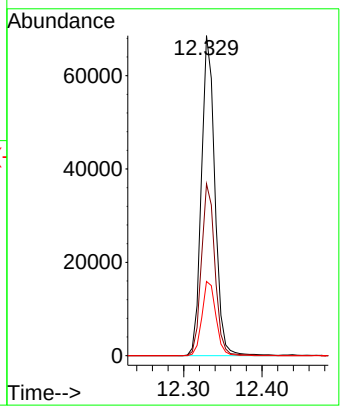




#89
n-Butylbenzene
Concen: 21.434 ug/l
RT: 12.329 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 91 Resp: 8179

Ion	Ratio	Lower	Upper
91	100		
92	54.0	26.7	80.0
134	24.1	12.2	36.6



Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

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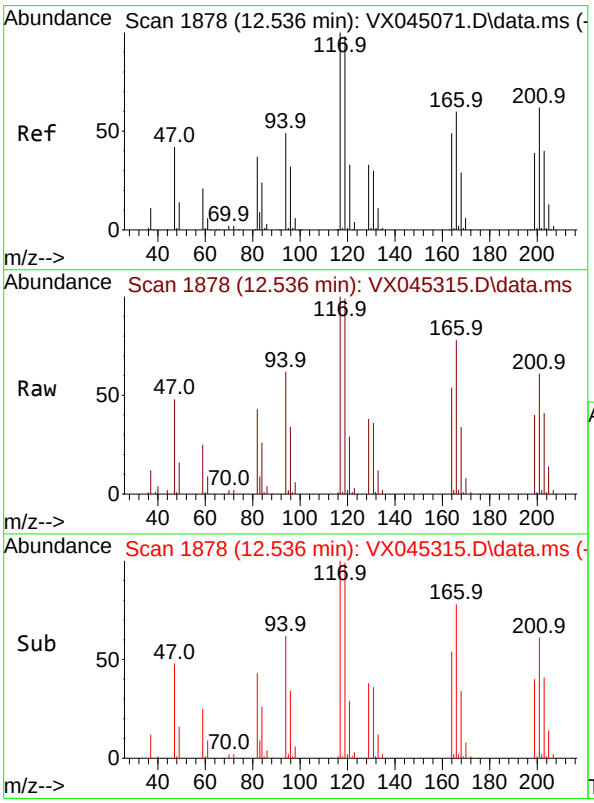
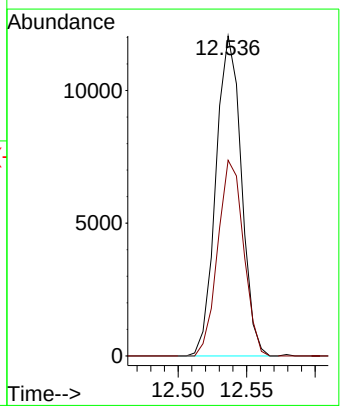
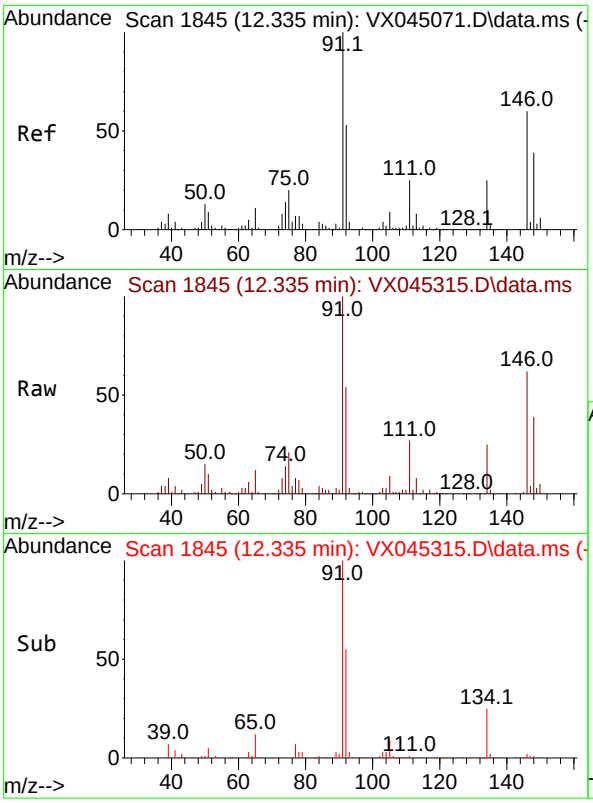


#90
Hexachloroethane
Concen: 19.417 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion:117 Resp: 15561

Ion	Ratio	Lower	Upper
117	100		
201	62.1	31.9	95.9

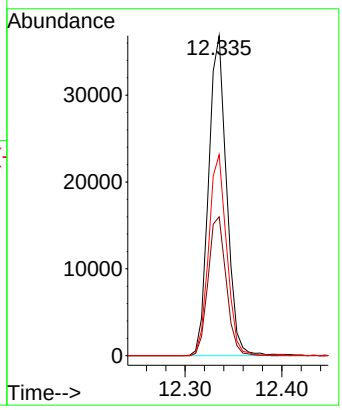




#91
1,2-Dichlorobenzene
Concen: 20.453 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion:146 Resp: 4757

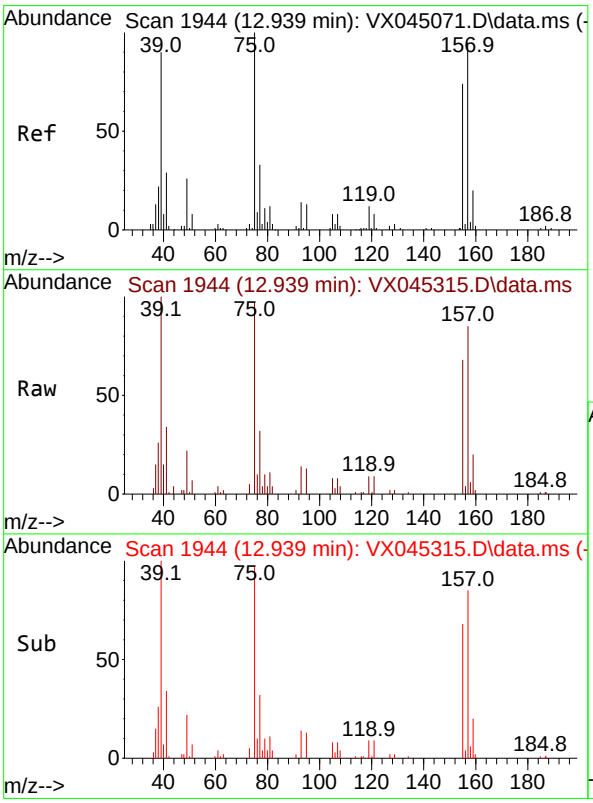
Ion	Ratio	Lower	Upper
146	100		
111	43.9	21.6	65.0
148	62.8	31.9	95.9



Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Manual Integrations
APPROVED

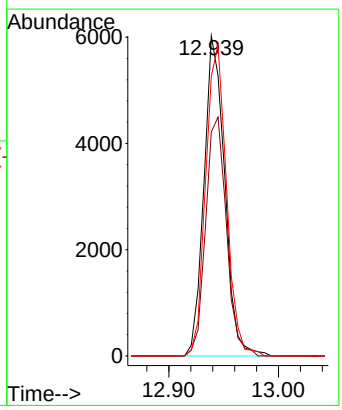
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

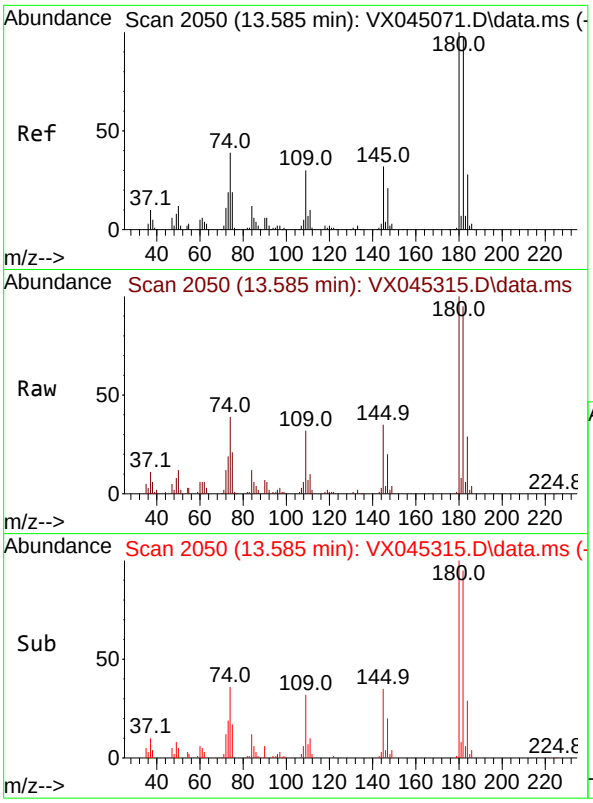


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.053 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 75 Resp: 7898

Ion	Ratio	Lower	Upper
75	100		
155	74.9	39.6	118.7
157	97.4	51.1	153.4

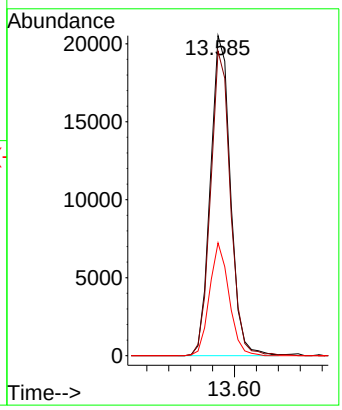




#93
1,2,4-Trichlorobenzene
Concen: 19.660 ug/l
RT: 13.585 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion:180 Resp: 2603

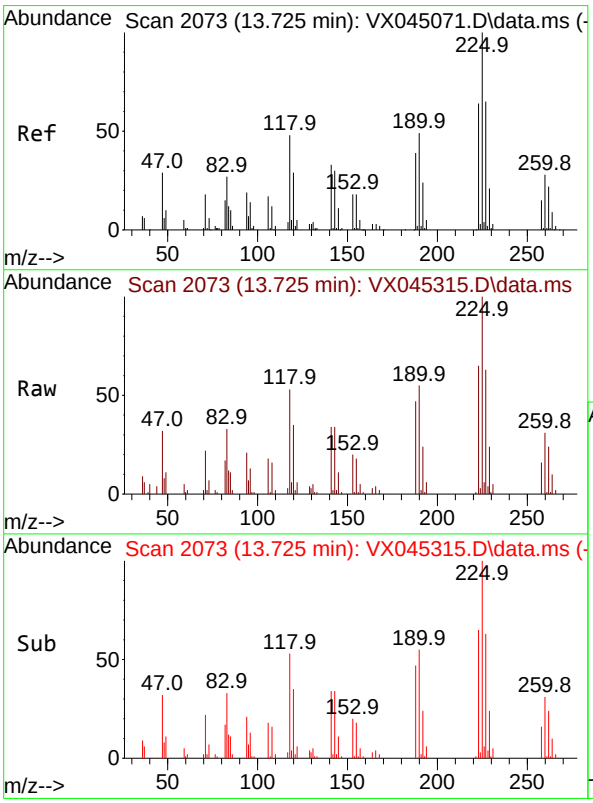
Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.3	141.9
145	34.4	16.3	48.9



Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Manual Integrations APPROVED

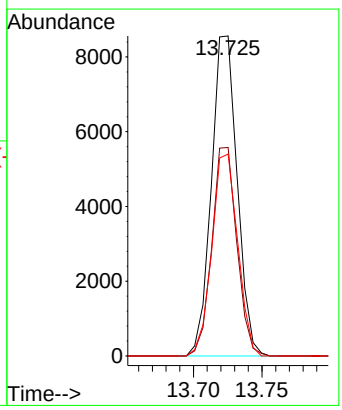
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

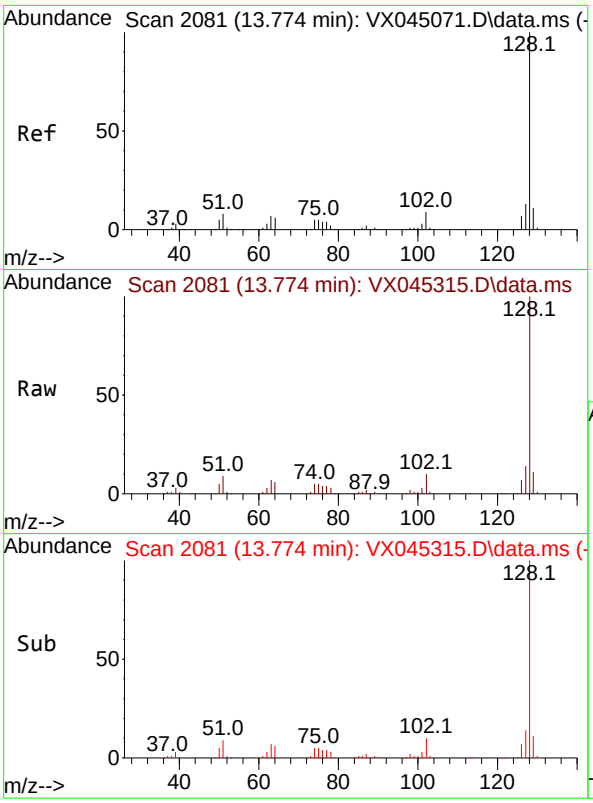


#94
Hexachlorobutadiene
Concen: 20.613 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion:225 Resp: 11193

Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.9	95.7
227	63.0	31.4	94.0

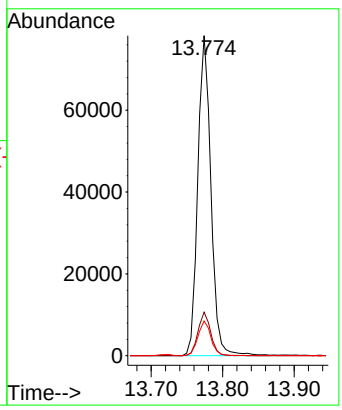




#95
Naphthalene
Concen: 19.547 ug/l
RT: 13.774 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion:128 Resp: 9946

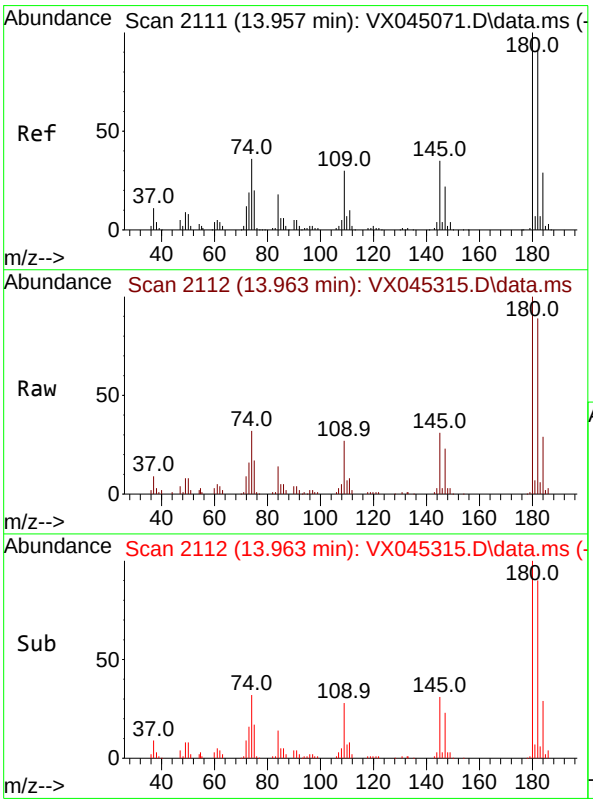
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.3	15.5
129	10.7	8.7	13.1



Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Manual Integrations
APPROVED

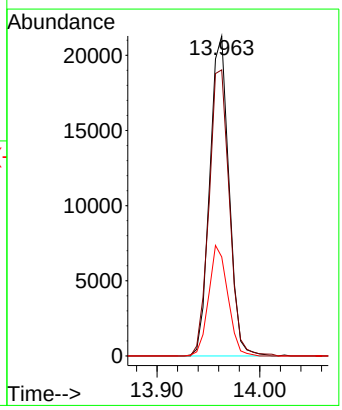
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#96
1,2,3-Trichlorobenzene
Concen: 19.719 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion:180 Resp: 27553

Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.5	142.6
145	34.5	17.0	50.9



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:	03/12/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	03/12/25
Client Sample ID:	BPOW6-9-20250312MS	SDG No.:	Q1557
Lab Sample ID:	Q1557-04MS	Matrix:	Water
Analytical Method:	SW8260	% 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
VX045336.D	1		03/18/25 19:30	VX031825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	50.6		0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	47.6		0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	44.6		0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	46.5		1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	45.0		0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	48.8		0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	55.8		0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	51.2		0.23	0.75	1.00	ug/L
67-64-1	Acetone	270		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	40.0		0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	52.8		0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	59.1		0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	50.6		0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	51.6		0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	52.9		0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	51.1		1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	270		0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	51.7		0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	52.8		0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	51.6		0.22	0.50	1.00	ug/L
67-66-3	Chloroform	55.1		0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	54.1		0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	51.9		0.16	0.50	1.00	ug/L
71-43-2	Benzene	51.4		0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	56.1		0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	49.9		0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	51.9		0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	53.9		0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	280		0.68	2.50	5.00	ug/L
108-88-3	Toluene	52.9		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:	03/12/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	03/12/25
Client Sample ID:	BPOW6-9-20250312MS	SDG No.:	Q1557
Lab Sample ID:	Q1557-04MS	Matrix:	Water
Analytical Method:	SW8260	% 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
VX045336.D	1		03/18/25 19:30	VX031825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	53.4		0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	52.8		0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	53.4		0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	280		0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	53.3		0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	52.5		0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	50.2		0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	51.9		0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	53.0		0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	100		0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	52.1		0.12	0.50	1.00	ug/L
100-42-5	Styrene	54.8		0.15	0.50	1.00	ug/L
75-25-2	Bromoform	51.9		0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	51.6		0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	50.7		0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	51.5		0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	50.8		0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	52.5		0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	52.6		0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	52.1		0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	53.3		0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	56.9		81 - 118		114%	SPK: 50
1868-53-7	Dibromofluoromethane	53.8		80 - 119		108%	SPK: 50
2037-26-5	Toluene-d8	52.2		89 - 112		104%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.2		85 - 114		112%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	81800	5.544				
540-36-3	1,4-Difluorobenzene	151000	6.757				
3114-55-4	Chlorobenzene-d5	134000	10.049				
3855-82-1	1,4-Dichlorobenzene-d4	61700	12.018				

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:	03/12/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	03/12/25
Client Sample ID:	BPOW6-9-20250312MS	SDG No.:	Q1557
Lab Sample ID:	Q1557-04MS	Matrix:	Water
Analytical Method:	SW8260	% 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
VX045336.D	1		03/18/25 19:30	VX031825

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\VX031825\
Data File : VX045336.D
Acq On : 18 Mar 2025 19:30
Operator : JC/MD
Sample : Q1557-04MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Mar 19 01:50:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Manual Integrations APPROVED
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	81809	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	150929	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	133572	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	61705	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	74030	56.890	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.780%			
35) Dibromofluoromethane	5.379	113	54340	53.843	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.680%			
50) Toluene-d8	8.647	98	191083	52.226	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.460%			
62) 4-Bromofluorobenzene	11.079	95	68193	56.246	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 112.500%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	52123	50.616	ug/l	96
3) Chloromethane	1.301	50	60024	47.629	ug/l	100
4) Vinyl Chloride	1.374	62	55751	44.595	ug/l	97
5) Bromomethane	1.593	94	22864	46.523	ug/l	99
6) Chloroethane	1.660	64	25933	44.972	ug/l	96
7) Trichlorofluoromethane	1.868	101	80767	48.802	ug/l	100
8) Diethyl Ether	2.136	74	29802	46.038	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.319	101	53027	55.769	ug/l	99
10) Methyl Iodide	2.441	142	63640	53.558	ug/l	95
11) Tert butyl alcohol	2.989	59	53410	216.686	ug/l	98
12) 1,1-Dichloroethene	2.307	96	51513	51.243	ug/l	98
13) Acrolein	2.239	56	70029	245.776	ug/l	99
14) Allyl chloride	2.654	41	94251	52.672	ug/l	97
15) Acrylonitrile	3.062	53	171912	260.232	ug/l	99
16) Acetone	2.386	43	160045	265.081	ug/l	96
17) Carbon Disulfide	2.502	76	107057	39.984	ug/l	99
18) Methyl Acetate	2.703	43	85789	59.065	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	178102	52.808	ug/l	99
20) Methylene Chloride	2.782	84	60563	50.639	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	51249	51.604	ug/l	98
22) Diisopropyl ether	3.764	45	194022	53.314	ug/l	98
23) Vinyl Acetate	3.721	43	718605	236.620	ug/l	99
24) 1,1-Dichloroethane	3.605	63	107839	52.874	ug/l	99
25) 2-Butanone	4.562	43	243066	267.456	ug/l	99
26) 2,2-Dichloropropane	4.471	77	52766	55.157	ug/l	98
27) cis-1,2-Dichloroethene	4.477	96	64784	52.843	ug/l	96
28) Bromochloromethane	4.891	49	50188	51.626	ug/l	99
29) Tetrahydrofuran	5.007	42	150506	246.606	ug/l	98
30) Chloroform	5.087	83	111580	55.060	ug/l	97
31) Cyclohexane	5.458	56	90433	51.079	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	88593	54.128	ug/l	97
36) 1,1-Dichloropropene	5.684	75	70643	51.041	ug/l	99
37) Ethyl Acetate	4.715	43	80035	44.877	ug/l	100
38) Carbon Tetrachloride	5.666	117	72643	51.698	ug/l	95
39) Methylcyclohexane	7.373	83	86152	51.949	ug/l	98
40) Benzene	6.031	78	224443	51.354	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045336.D
Acq On : 18 Mar 2025 19:30
Operator : JC/MD
Sample : Q1557-04MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Mar 19 01:50:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Manual Integrations APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.916	41	51138	53.029	ug/l		96
42) 1,2-Dichloroethane	6.080	62	88267	56.084	ug/l		97
43) Isopropyl Acetate	6.342	43	130861	49.621	ug/l		100
44) Trichloroethene	7.123	130	51204	49.895	ug/l		99
45) 1,2-Dichloropropane	7.428	63	58292	51.875	ug/l		99
46) Dibromomethane	7.574	93	42501	53.511	ug/l		96
47) Bromodichloromethane	7.818	83	83910	53.861	ug/l		99
48) Methyl methacrylate	7.690	41	71777	54.251	ug/l		94
49) 1,4-Dioxane	7.659	88	29890	1071.003	ug/l		97
51) 4-Methyl-2-Pentanone	8.574	43	488870	276.084	ug/l		100
52) Toluene	8.714	92	135592	52.878	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	69587	53.430	ug/l		94
54) cis-1,3-Dichloropropene	8.366	75	80187	52.799	ug/l		95
55) 1,1,2-Trichloroethane	9.147	97	56385	53.413	ug/l		97
56) Ethyl methacrylate	9.116	69	87926	54.795	ug/l		95
57) 1,3-Dichloropropane	9.305	76	95946	52.519	ug/l		99
59) 2-Hexanone	9.427	43	360965	281.352	ug/l		99
60) Dibromochloromethane	9.519	129	58878	53.343	ug/l		98
61) 1,2-Dibromoethane	9.604	107	55352	52.524	ug/l		99
64) Tetrachloroethene	9.269	164	42976	50.236	ug/l		95
65) Chlorobenzene	10.079	112	146761	51.926	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	48273	51.287	ug/l		98
67) Ethyl Benzene	10.189	91	260829	52.963	ug/l		100
68) m/p-Xylenes	10.299	106	189209	104.951	ug/l		95
69) o-Xylene	10.640	106	94820	52.149	ug/l		98
70) Styrene	10.653	104	161303	54.826	ug/l		99
71) Bromoform	10.799	173	36839	51.902	ug/l	#	100
73) Isopropylbenzene	10.957	105	248664	51.630	ug/l		99
74) N-amyl acetate	10.842	43	109394	48.406	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.207	83	89561	50.674	ug/l		98
76) 1,2,3-Trichloropropane	11.238	75	73208m	50.974	ug/l		
77) Bromobenzene	11.195	156	57595	50.684	ug/l		97
78) n-propylbenzene	11.299	91	289701	53.248	ug/l		99
79) 2-Chlorotoluene	11.360	91	177824	51.321	ug/l		98
80) 1,3,5-Trimethylbenzene	11.451	105	205315	52.722	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.018	75	19446	46.336	ug/l		88
82) 4-Chlorotoluene	11.451	91	201240	53.290	ug/l		99
83) tert-Butylbenzene	11.713	119	208141	52.018	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	207237	52.888	ug/l		99
85) sec-Butylbenzene	11.890	105	258541	53.941	ug/l		99
86) p-Isopropyltoluene	12.006	119	208701	53.880	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	104344	51.472	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	104140	50.777	ug/l		99
89) n-Butylbenzene	12.329	91	184116	55.189	ug/l		99
90) Hexachloroethane	12.536	117	35642	50.872	ug/l		96
91) 1,2-Dichlorobenzene	12.335	146	106776	52.507	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	18121	52.628	ug/l		95
93) 1,2,4-Trichlorobenzene	13.585	180	60271	52.051	ug/l		98
94) Hexachlorobutadiene	13.719	225	23735	49.997	ug/l		98
95) Naphthalene	13.774	128	235203	52.868	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	65144	53.329	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045336.D
Acq On : 18 Mar 2025 19:30
Operator : JC/MD
Sample : Q1557-04MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Mar 19 01:50:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Manual Integrations APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

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\VX031825\
Data File : VX045336.D
Acq On : 18 Mar 2025 19:30
Operator : JC/MD
Sample : Q1557-04MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Mar 19 01:50:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Instrument :
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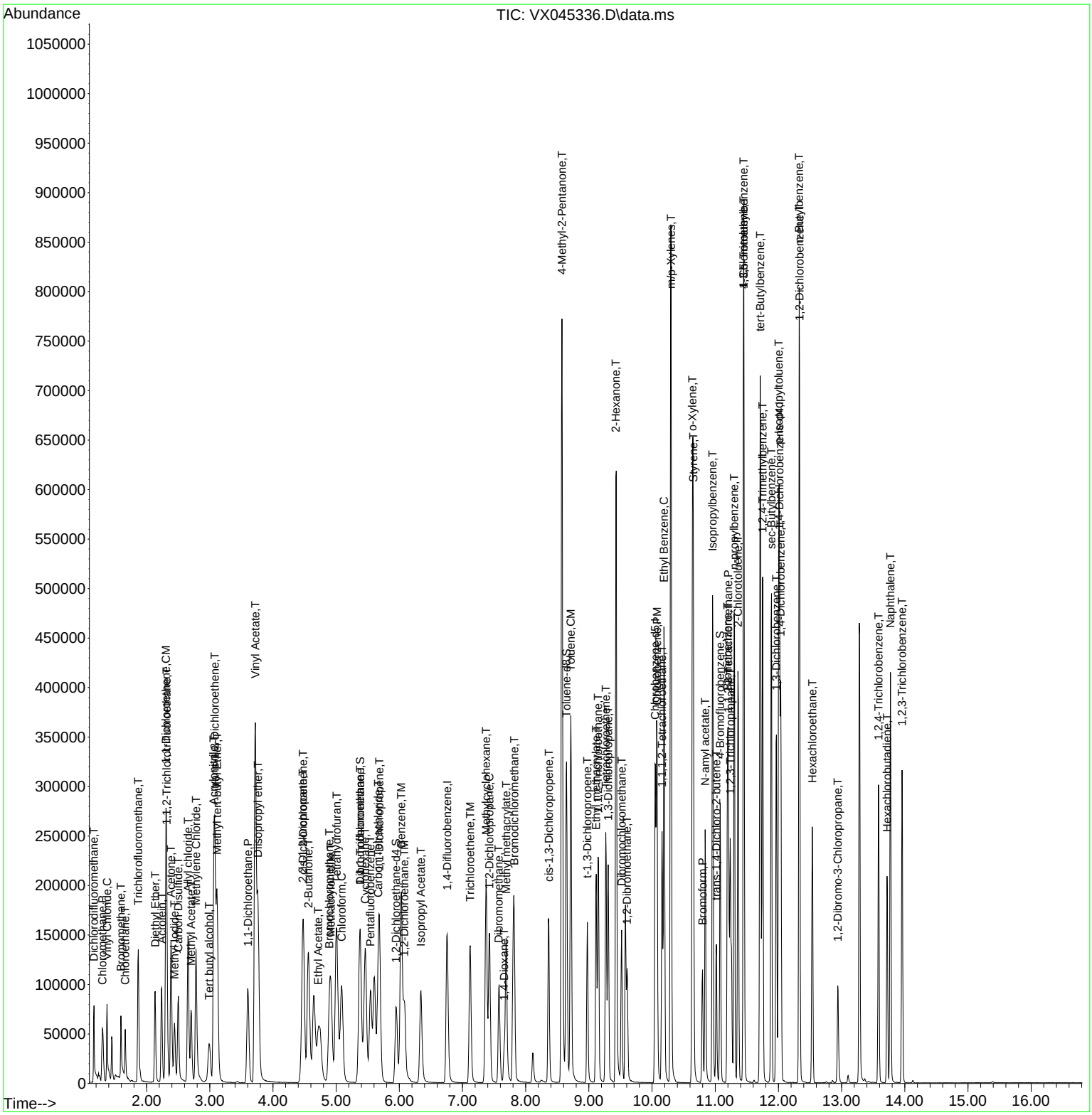
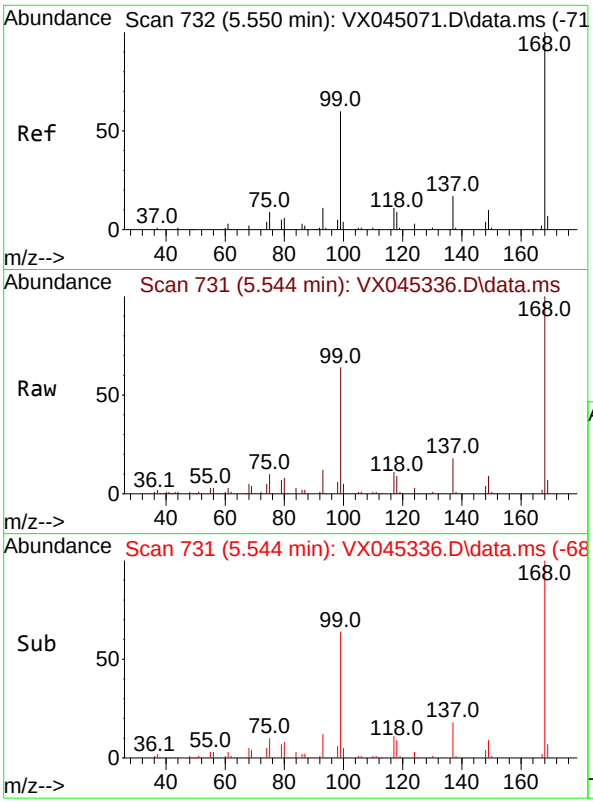
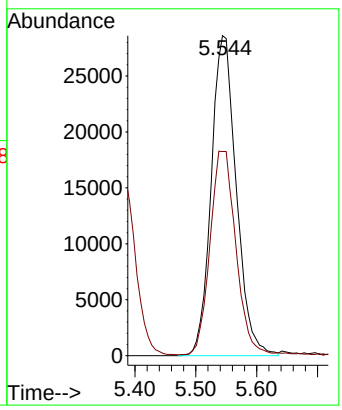




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion:168 Resp: 8180

Ion	Ratio	Lower	Upper
168	100		
99	63.5	48.2	72.4



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

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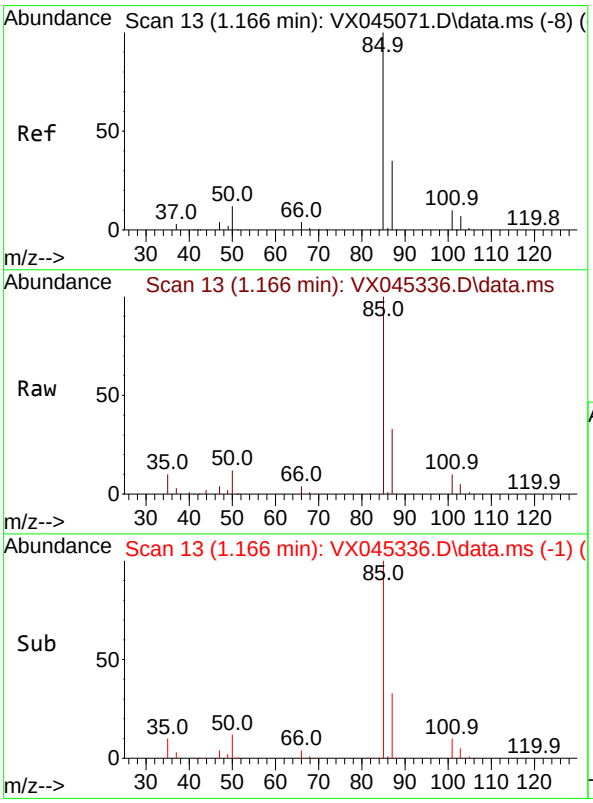
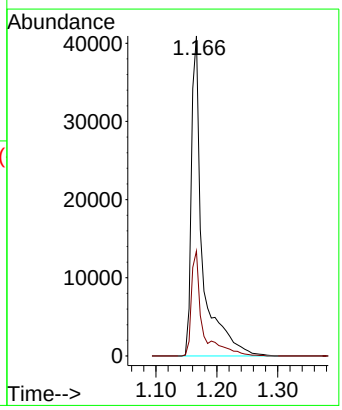
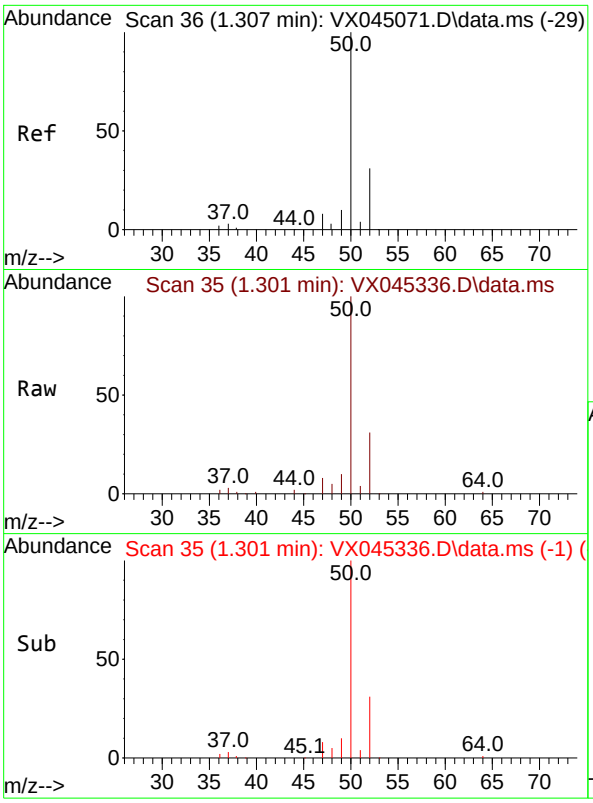


#2
Dichlorodifluoromethane
Concen: 50.616 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 85 Resp: 52123

Ion	Ratio	Lower	Upper
85	100		
87	32.8	17.4	52.3

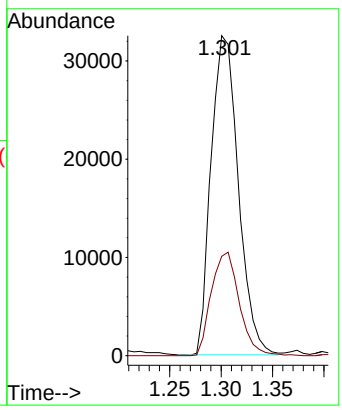




#3
Chloromethane
Concen: 47.629 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 50 Resp: 6002

Ion	Ratio	Lower	Upper
50	100		
52	31.1	25.0	37.4



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Manual Integrations
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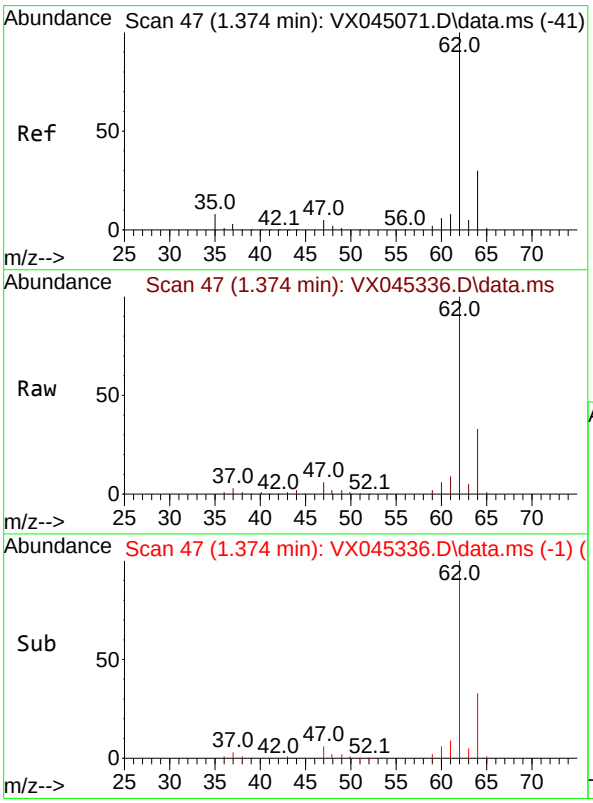
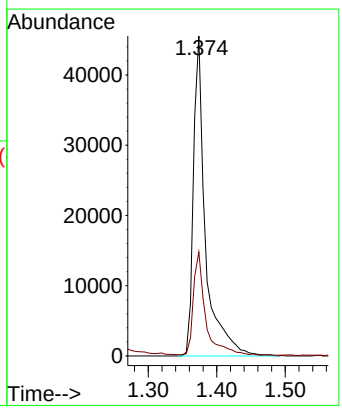
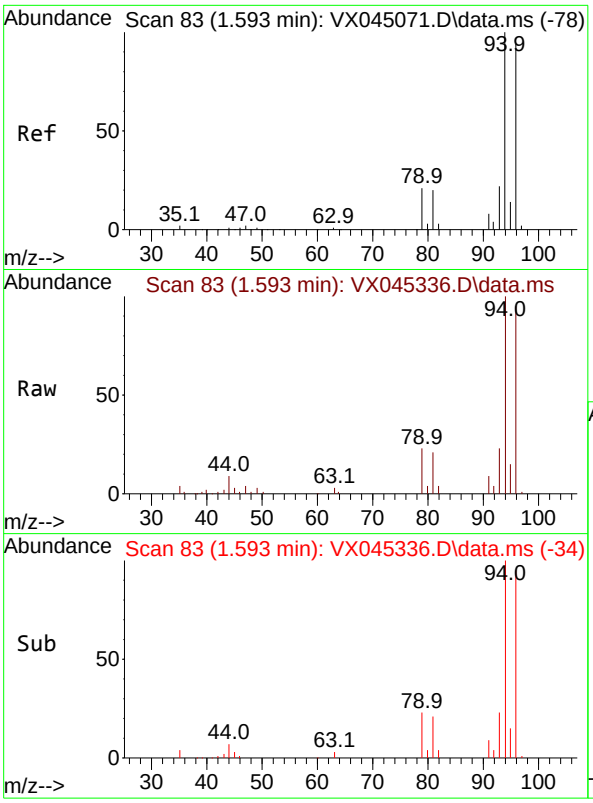


#4
Vinyl Chloride
Concen: 44.595 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 62 Resp: 55751

Ion	Ratio	Lower	Upper
62	100		
64	32.2	24.3	36.5

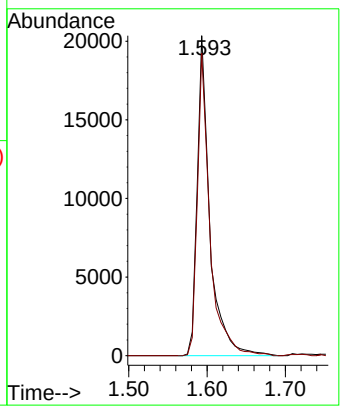




#5
Bromomethane
Concen: 46.523 ug/l
RT: 1.593 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 94 Resp: 2286

Ion	Ratio	Lower	Upper
94	100		
96	94.6	75.0	112.4



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Manual Integrations
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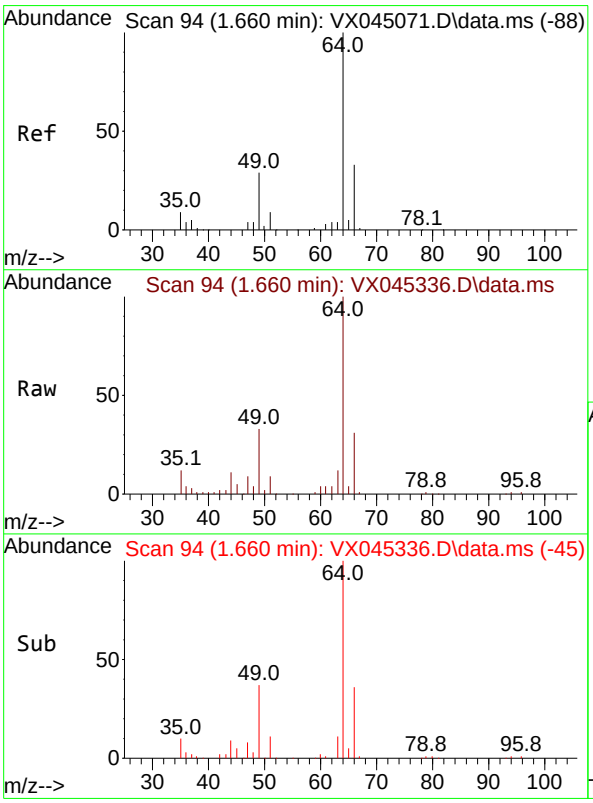
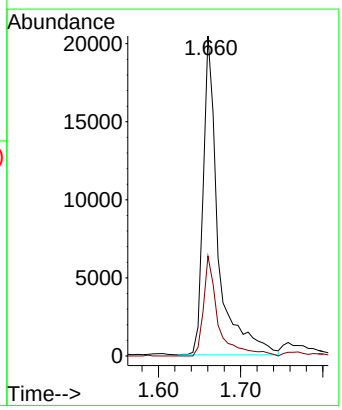
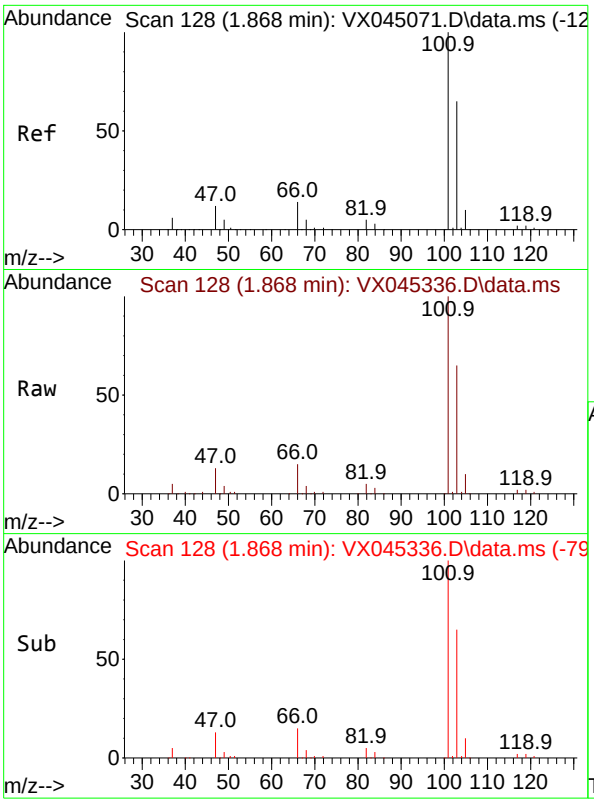


#6
Chloroethane
Concen: 44.972 ug/l
RT: 1.660 min Scan# 94
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 64 Resp: 25933

Ion	Ratio	Lower	Upper
64	100		
66	31.3	26.7	40.1





#7
Trichlorofluoromethane
Concen: 48.802 ug/l
RT: 1.868 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion:101 Resp: 8076

Ion	Ratio	Lower	Upper
101	100		
103	65.2	52.1	78.1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Manual Integrations
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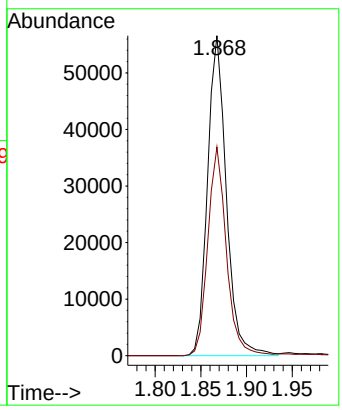
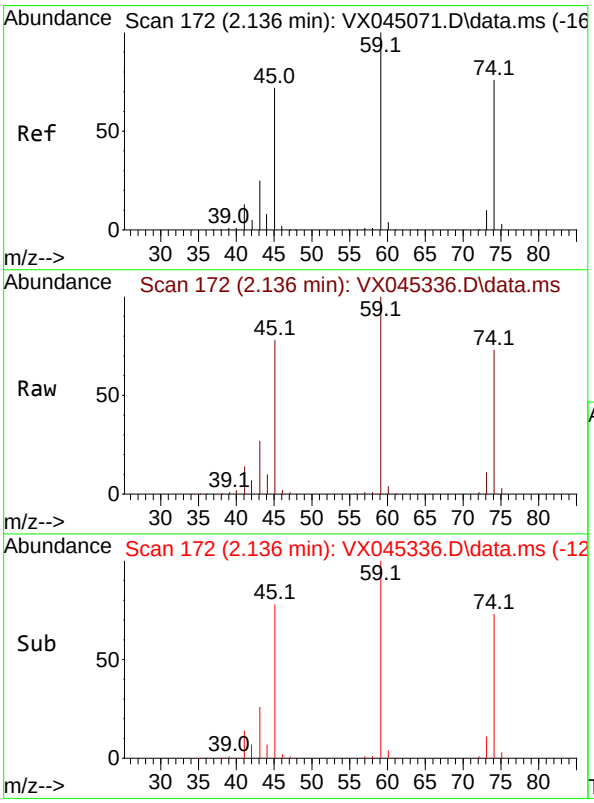
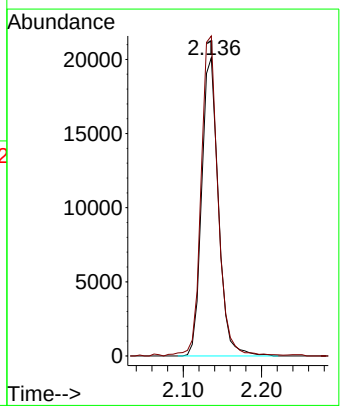


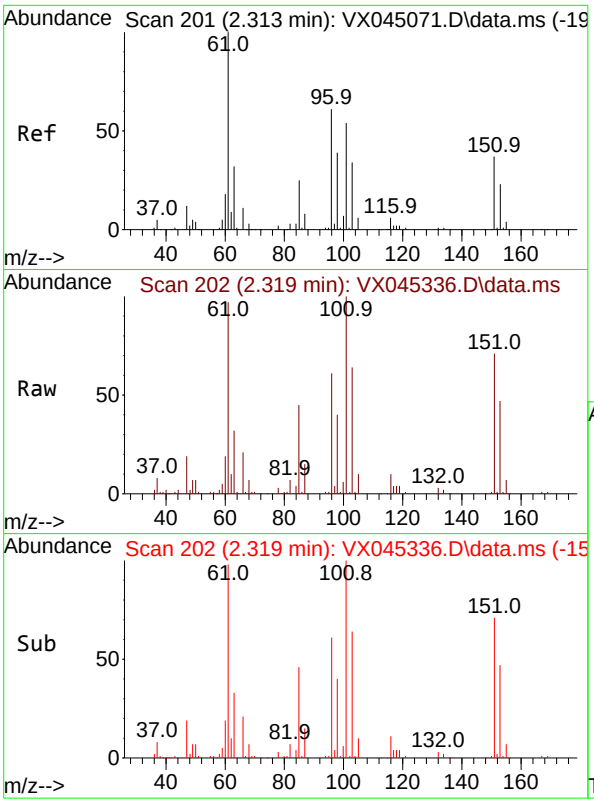


#8
Diethyl Ether
Concen: 46.038 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 74 Resp: 29802

Ion	Ratio	Lower	Upper
74	100		
45	109.0	51.5	154.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.769 ug/l
RT: 2.319 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion:101 Resp: 5302

Ion	Ratio	Lower	Upper
101	100		
85	46.7	36.2	54.4
151	70.4	56.4	84.6

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Manual Integrations
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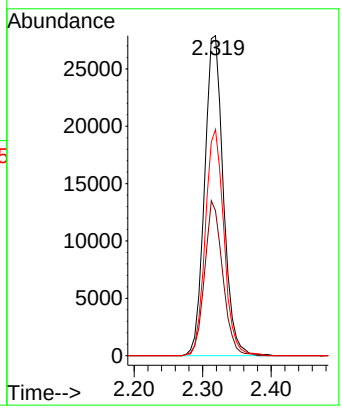
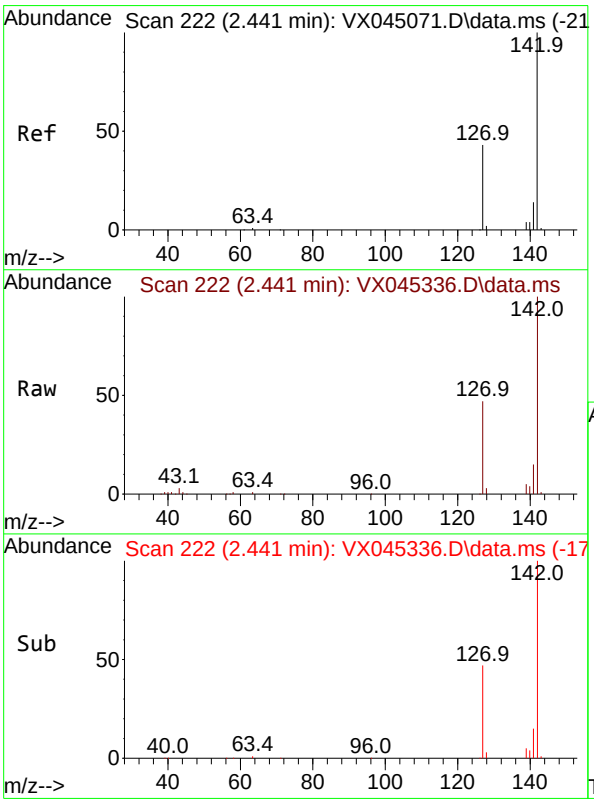
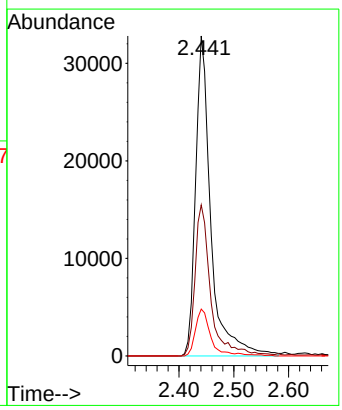


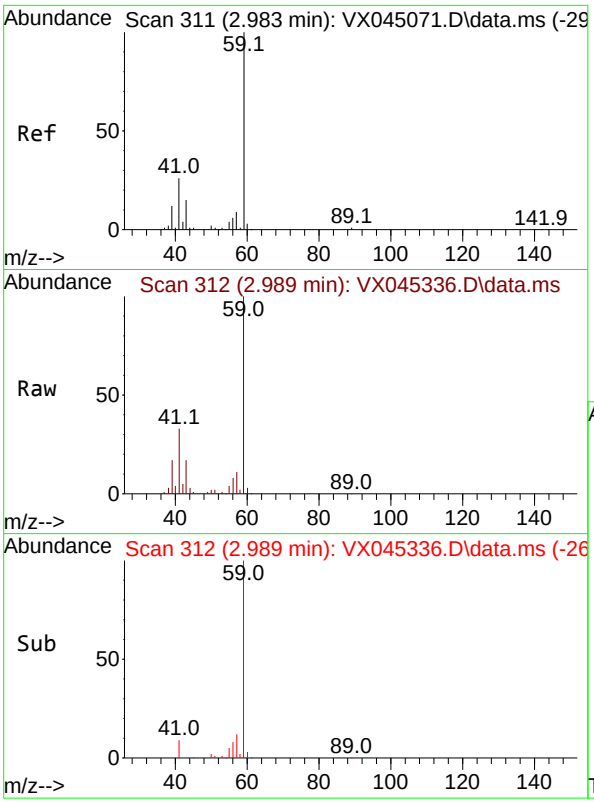


#10
Methyl Iodide
Concen: 53.558 ug/l
RT: 2.441 min Scan# 222
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion:142 Resp: 63640

Ion	Ratio	Lower	Upper
142	100		
127	48.6	35.4	53.2
141	14.9	11.6	17.4

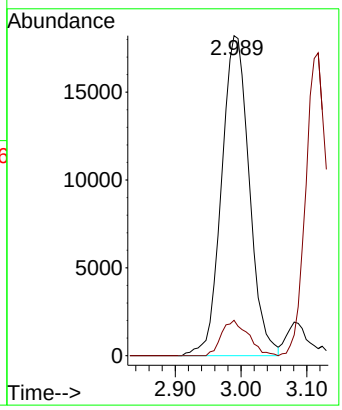




#11
Tert butyl alcohol
Concen: 216.686 ug/l
RT: 2.989 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 59 Resp: 5341

Ion	Ratio	Lower	Upper
59	100		
57	10.7	7.8	11.8



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Manual Integrations
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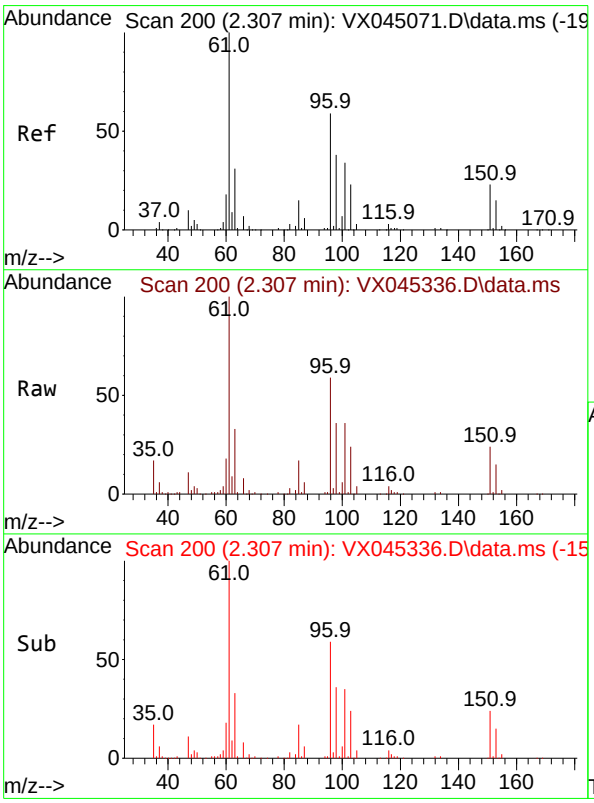
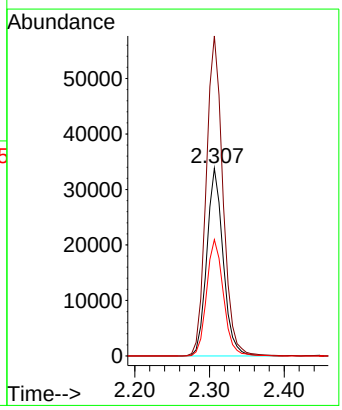
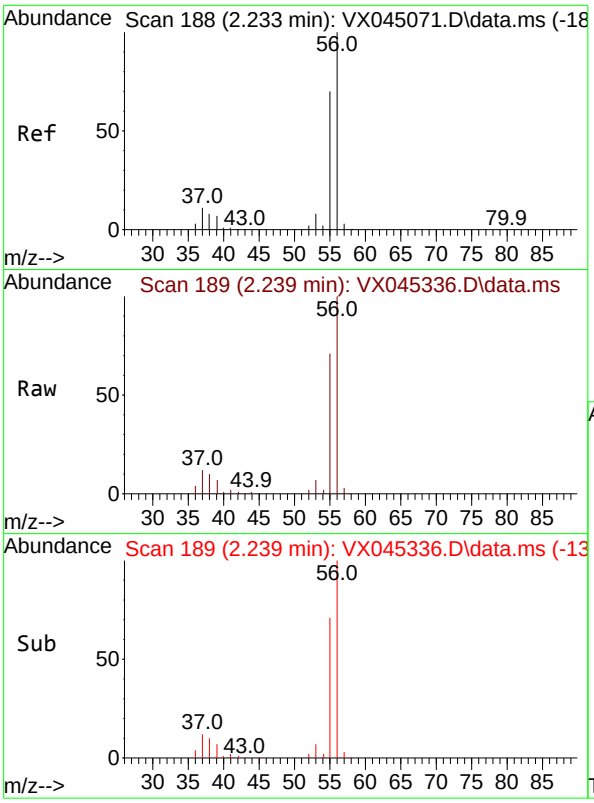


#12
1,1-Dichloroethene
Concen: 51.243 ug/l
RT: 2.307 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 96 Resp: 51513

Ion	Ratio	Lower	Upper
96	100		
61	170.5	134.6	202.0
98	61.9	51.0	76.6

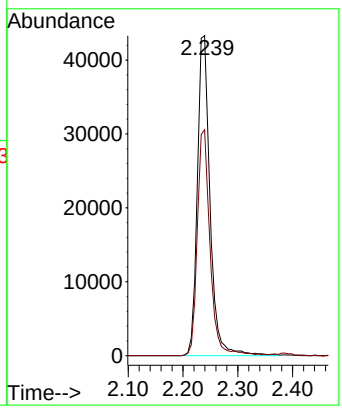




#13
Acrolein
Concen: 245.776 ug/l
RT: 2.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 56 Resp: 7002

Ion	Ratio	Lower	Upper
56	100		
55	71.0	56.2	84.4



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

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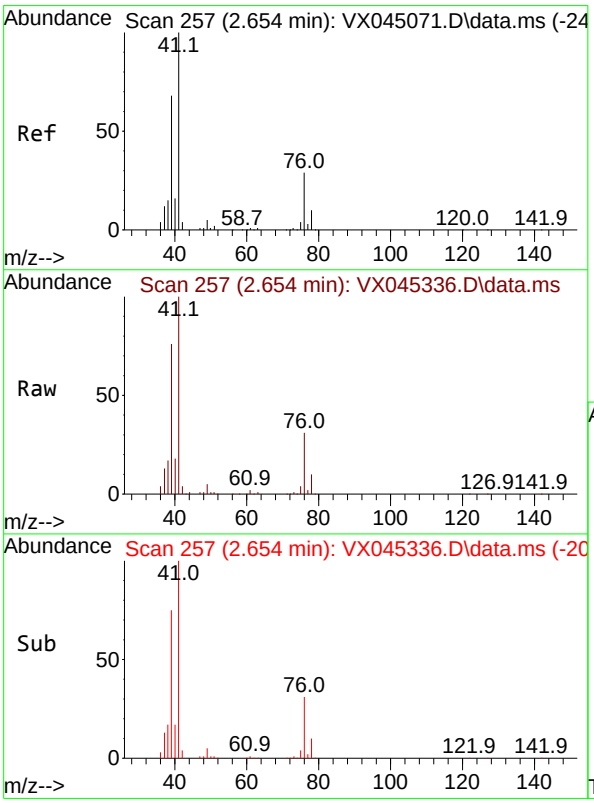
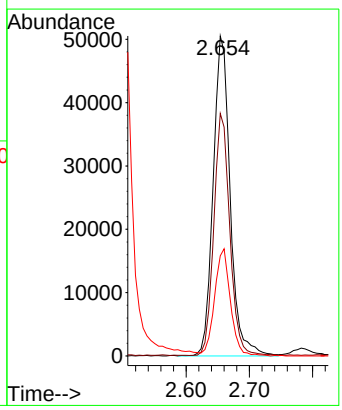
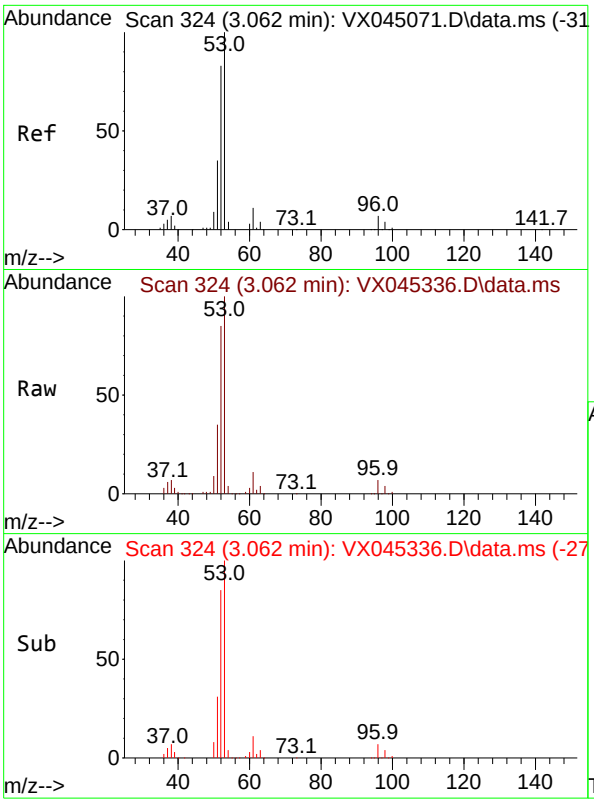


#14
Allyl chloride
Concen: 52.672 ug/l
RT: 2.654 min Scan# 257
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 41 Resp: 94251

Ion	Ratio	Lower	Upper
41	100		
39	71.0	53.8	80.8
76	31.1	25.2	37.8





#15
Acrylonitrile
Concen: 260.232 ug/l
RT: 3.062 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

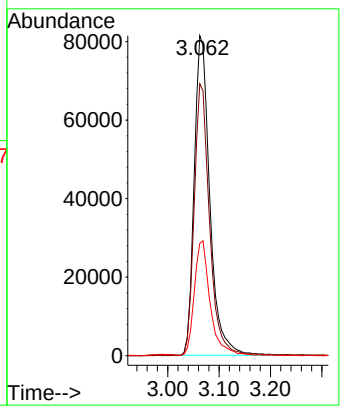
Tgt Ion: 53 Resp: 17191

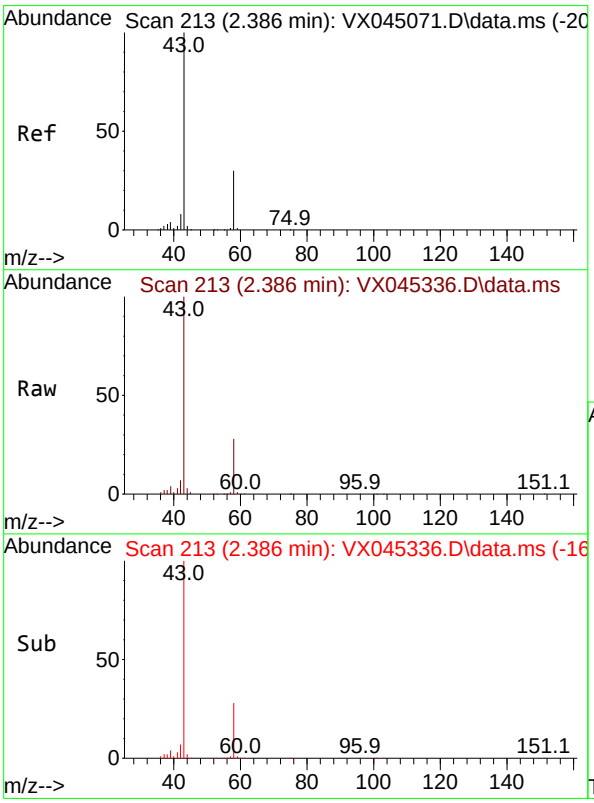
Ion	Ratio	Lower	Upper
53	100		
52	84.1	66.2	99.2
51	36.2	29.0	43.4

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

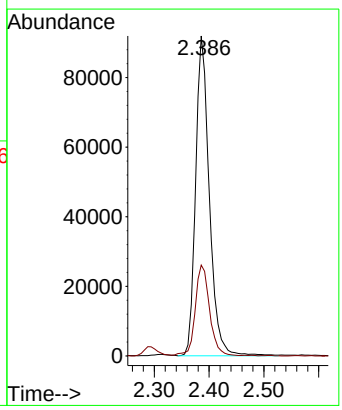


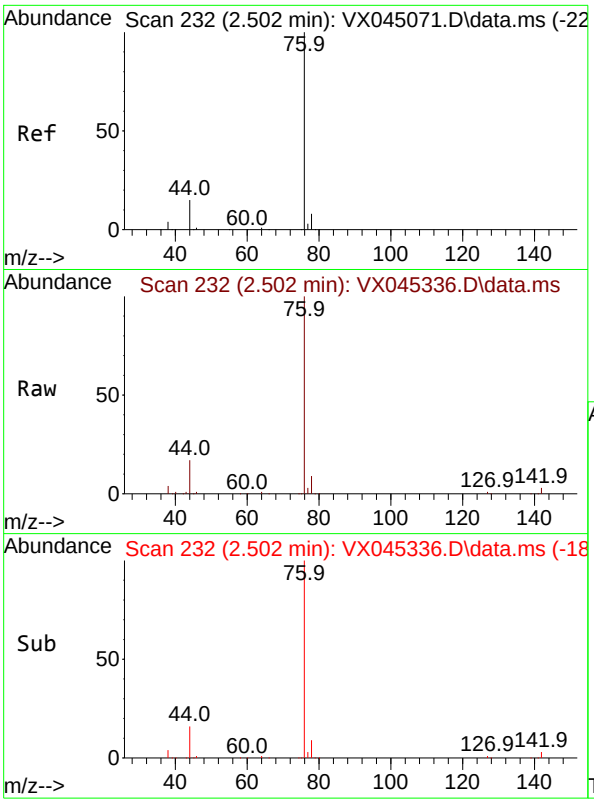


#16
Acetone
Concen: 265.081 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 43 Resp: 160045

Ion	Ratio	Lower	Upper
43	100		
58	28.4	24.2	36.4

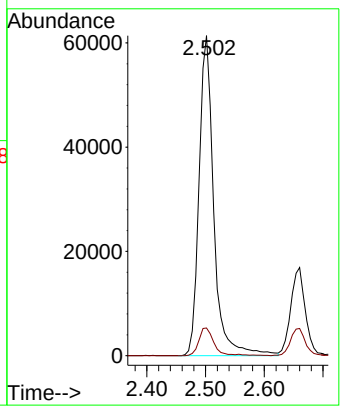




#17
Carbon Disulfide
Concen: 39.984 ug/l
RT: 2.502 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 76 Resp: 10705

Ion	Ratio	Lower	Upper
76	100		
78	8.7	6.6	9.8



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Manual Integrations
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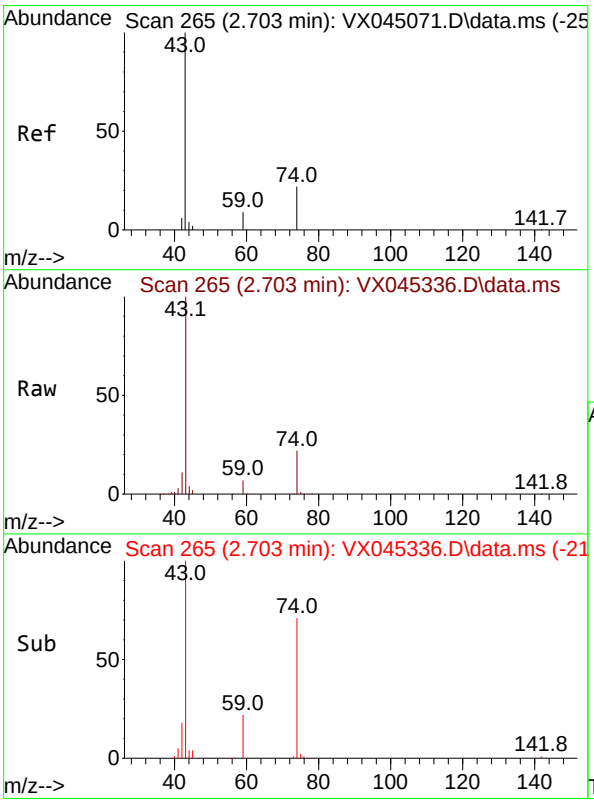
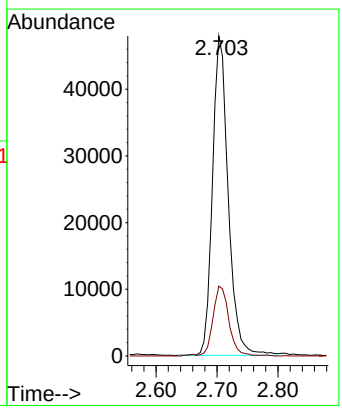
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

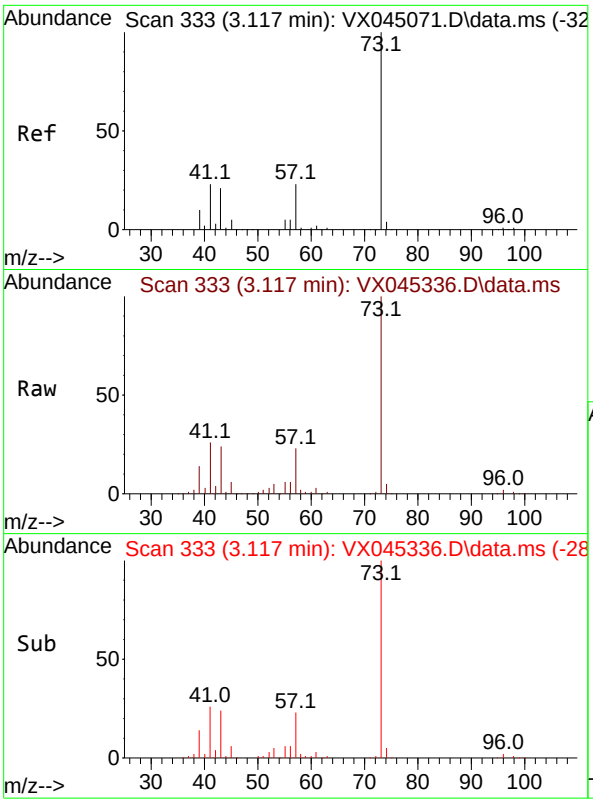


#18
Methyl Acetate
Concen: 59.065 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 43 Resp: 85789

Ion	Ratio	Lower	Upper
43	100		
74	22.1	17.4	26.2

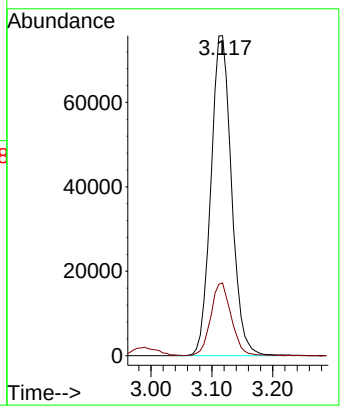




#19
Methyl tert-butyl Ether
Concen: 52.808 ug/l
RT: 3.117 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 73 Resp: 17810

Ion	Ratio	Lower	Upper
73	100		
57	22.6	18.5	27.7



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Manual Integrations
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Reviewed By :John Carlone 03/19/2025
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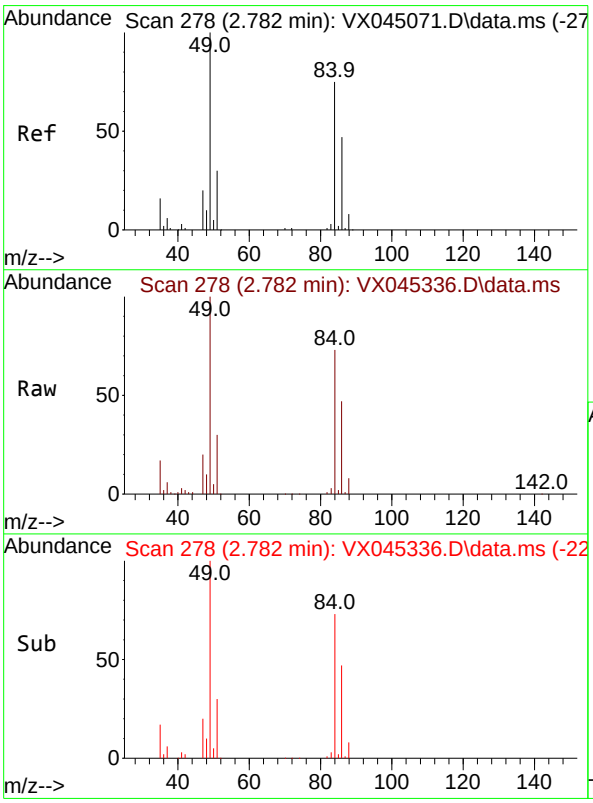
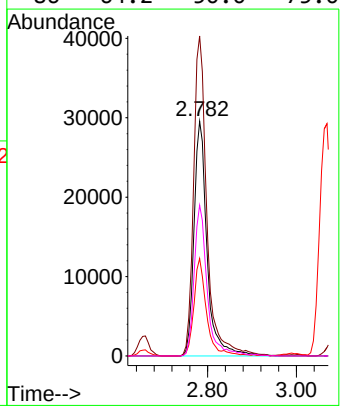
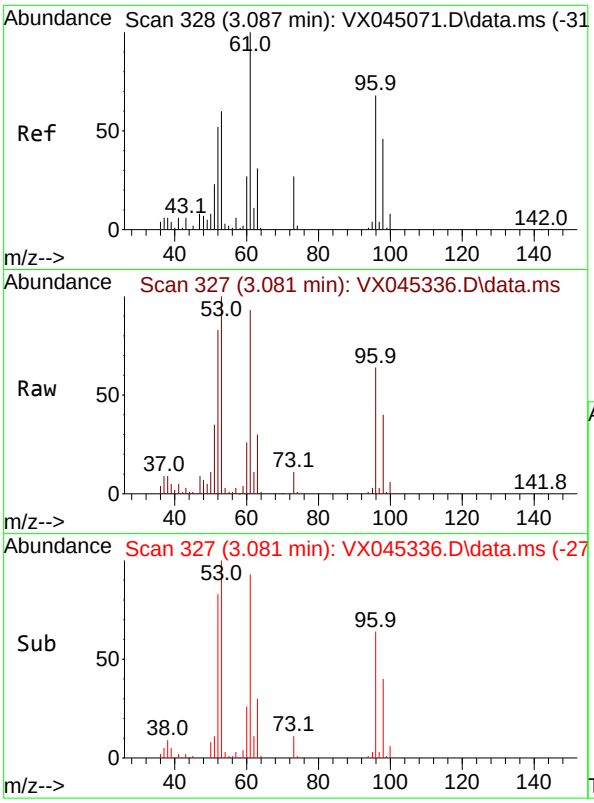


#20
Methylene Chloride
Concen: 50.639 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 84 Resp: 60563

Ion	Ratio	Lower	Upper
84	100		
49	136.3	106.5	159.7
51	41.6	32.1	48.1
86	64.2	50.0	75.0





#21
trans-1,2-Dichloroethene
Concen: 51.604 ug/l
RT: 3.081 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 96 Resp: 5124

Ion	Ratio	Lower	Upper
96	100		
61	146.6	117.0	175.4
98	62.6	53.4	80.2

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Manual Integrations
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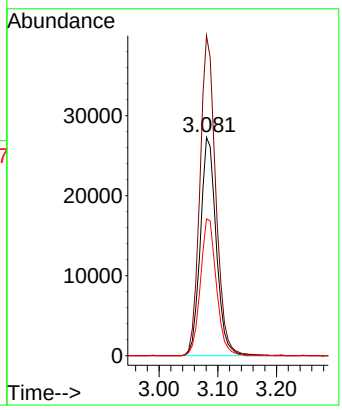
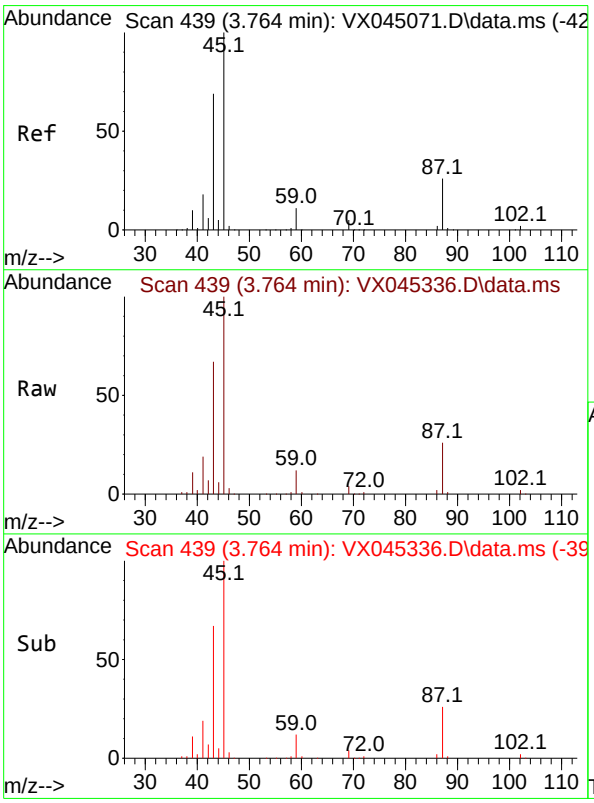
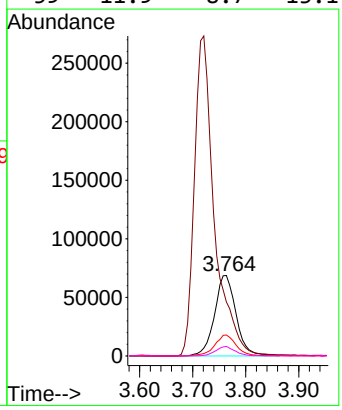


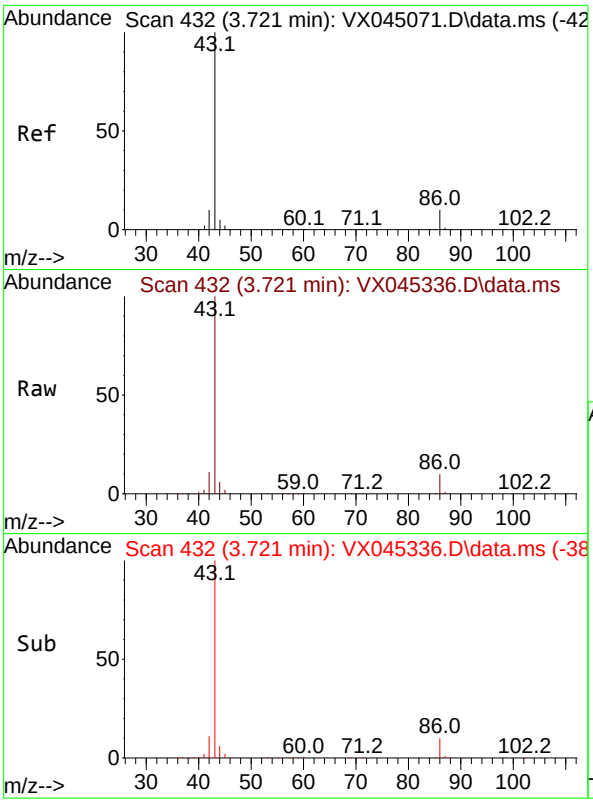


#22
Diisopropyl ether
Concen: 53.314 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 45 Resp: 194022

Ion	Ratio	Lower	Upper
45	100		
43	67.0	54.9	82.3
87	26.1	21.0	31.4
59	11.9	8.7	13.1





#23
Vinyl Acetate
Concen: 236.620 ug/l
RT: 3.721 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 43 Resp: 71860

Ion	Ratio	Lower	Upper
43	100		
86	9.7	8.1	12.1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Manual Integrations
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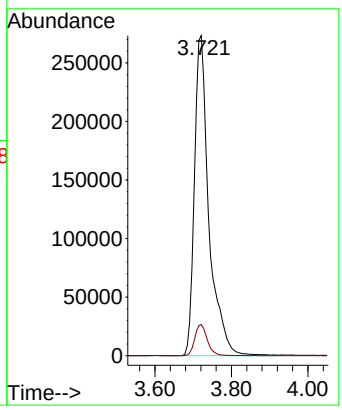
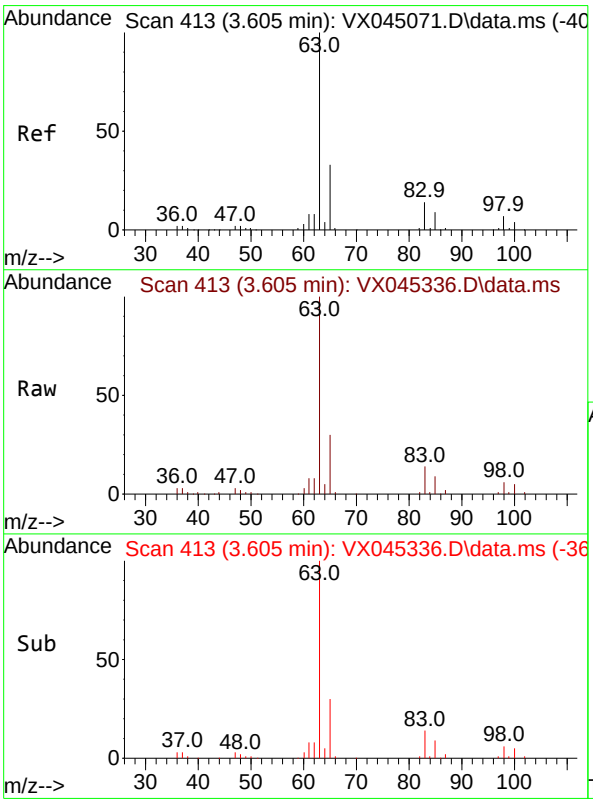
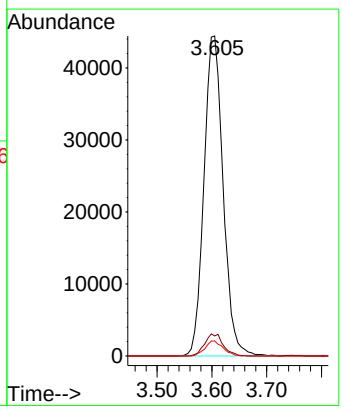


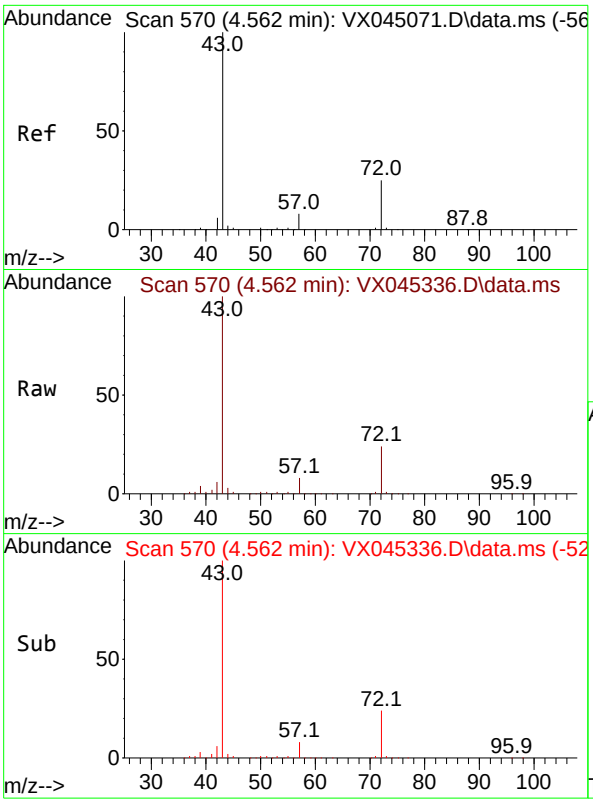


#24
1,1-Dichloroethane
Concen: 52.874 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 63 Resp: 107839

Ion	Ratio	Lower	Upper
63	100		
98	6.2	3.4	10.2
100	4.7	2.1	6.5

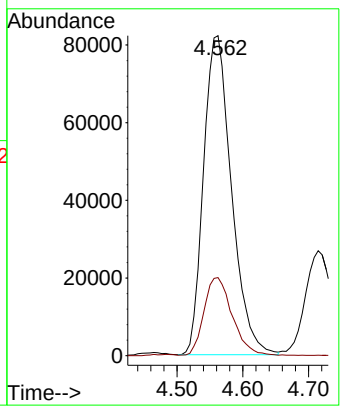




#25
2-Butanone
Concen: 267.456 ug/l
RT: 4.562 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 43 Resp: 24306

Ion	Ratio	Lower	Upper
43	100		
72	24.3	20.0	30.0



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Manual Integrations
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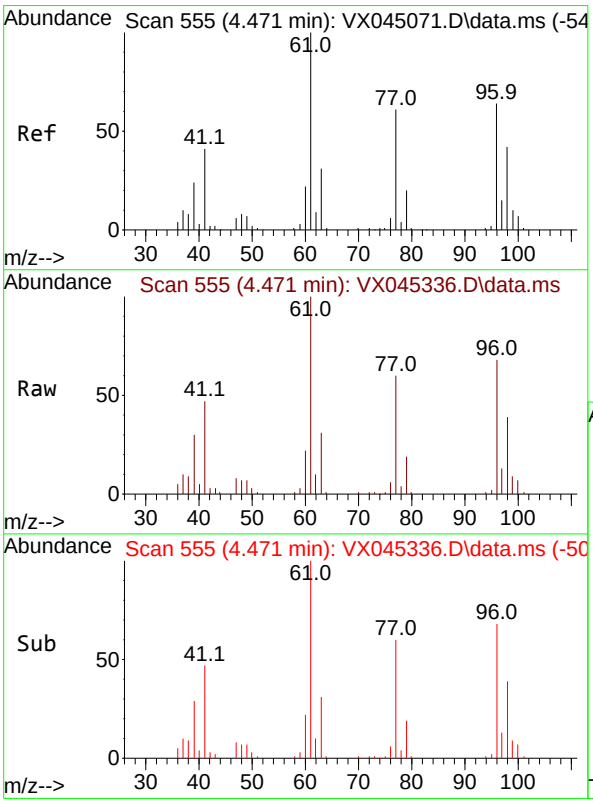
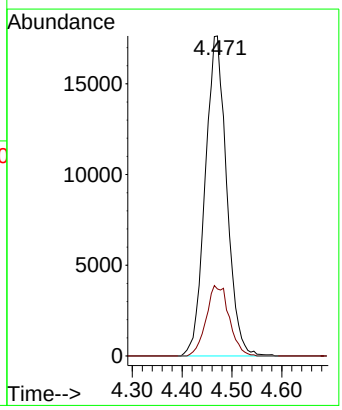
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

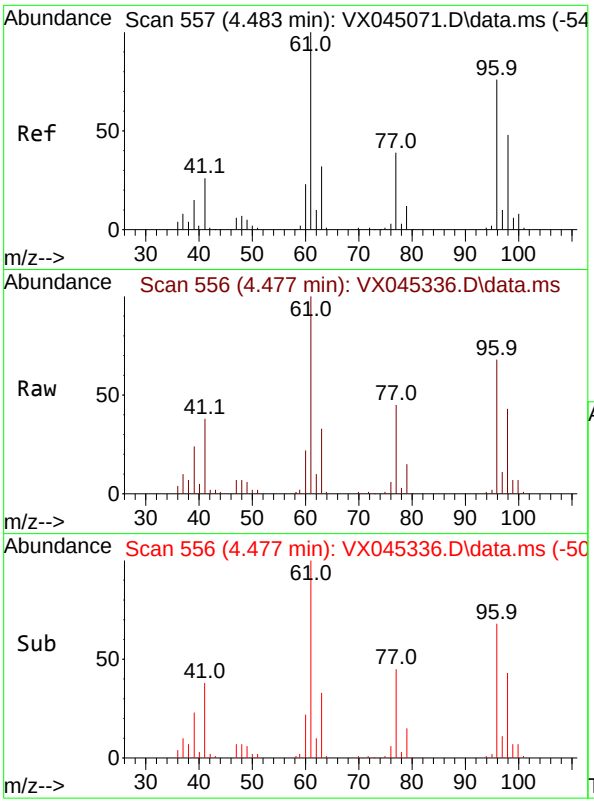


#26
2,2-Dichloropropane
Concen: 55.157 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 77 Resp: 52766

Ion	Ratio	Lower	Upper
77	100		
97	23.5	12.4	37.0





#27
cis-1,2-Dichloroethene
Concen: 52.843 ug/l
RT: 4.477 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 96 Resp: 6478

Ion	Ratio	Lower	Upper
96	100		
61	148.2	0.0	283.2
98	63.4	0.0	128.0

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Manual Integrations
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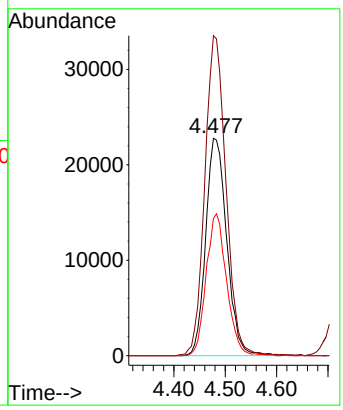
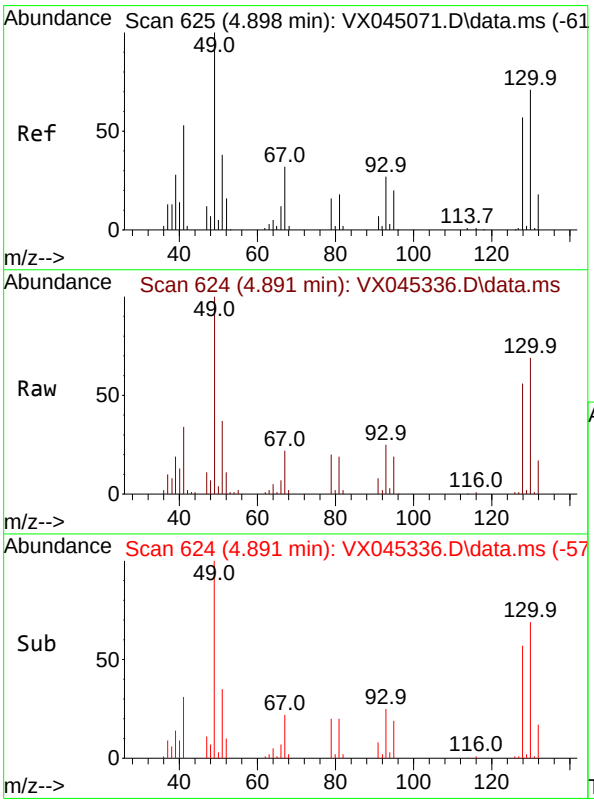
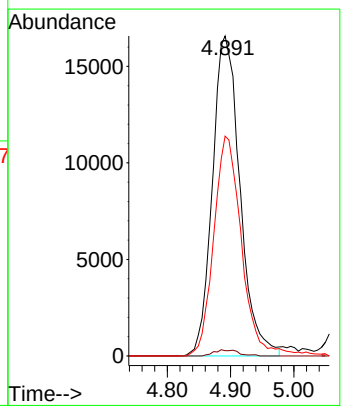


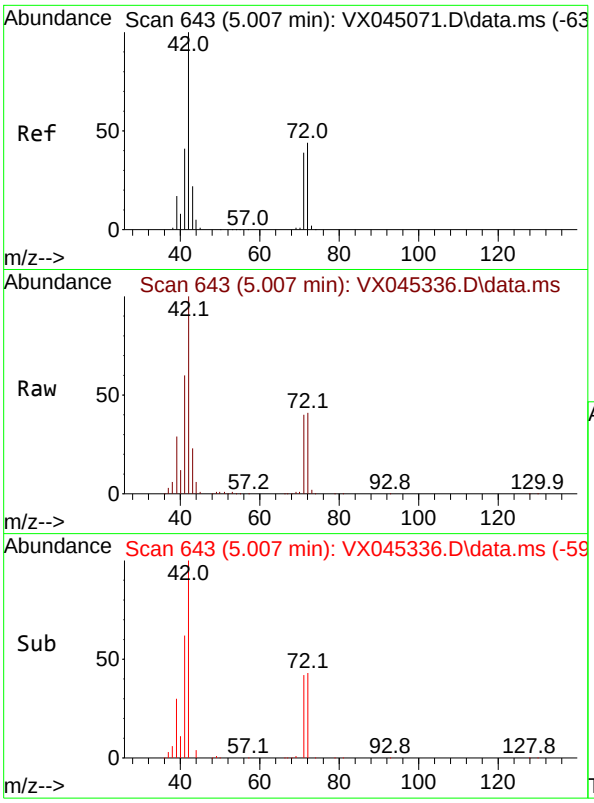


#28
Bromochloromethane
Concen: 51.626 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 49 Resp: 50188

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.4
130	69.6	56.1	84.1

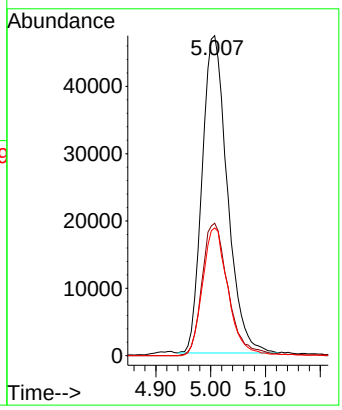




#29
Tetrahydrofuran
Concen: 246.606 ug/l
RT: 5.007 min Scan# 64
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 42 Resp: 15050

Ion	Ratio	Lower	Upper
42	100		
72	43.3	34.1	51.1
71	41.0	31.4	47.0



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Manual Integrations
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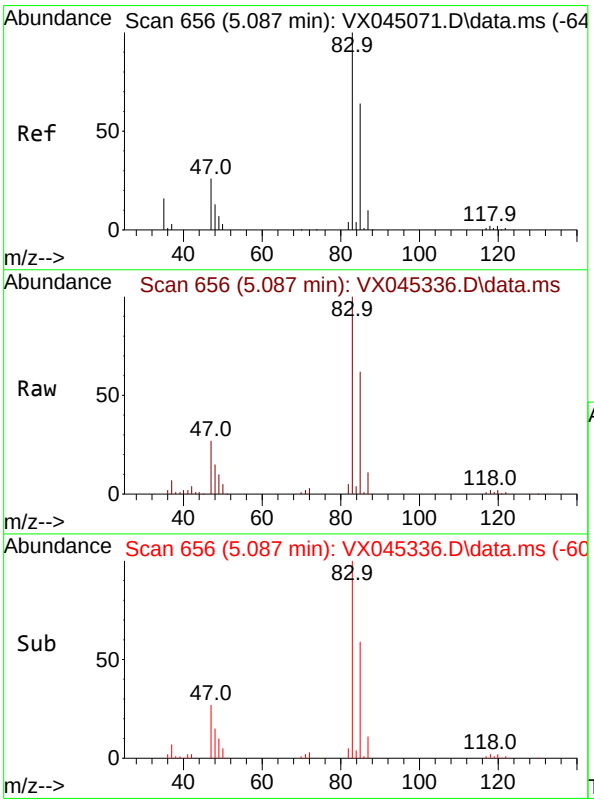
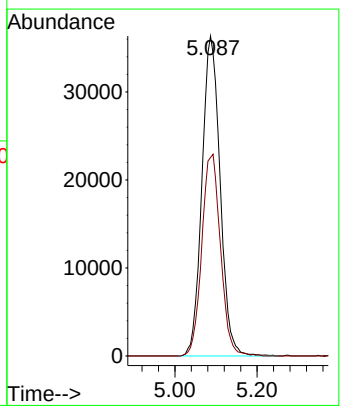
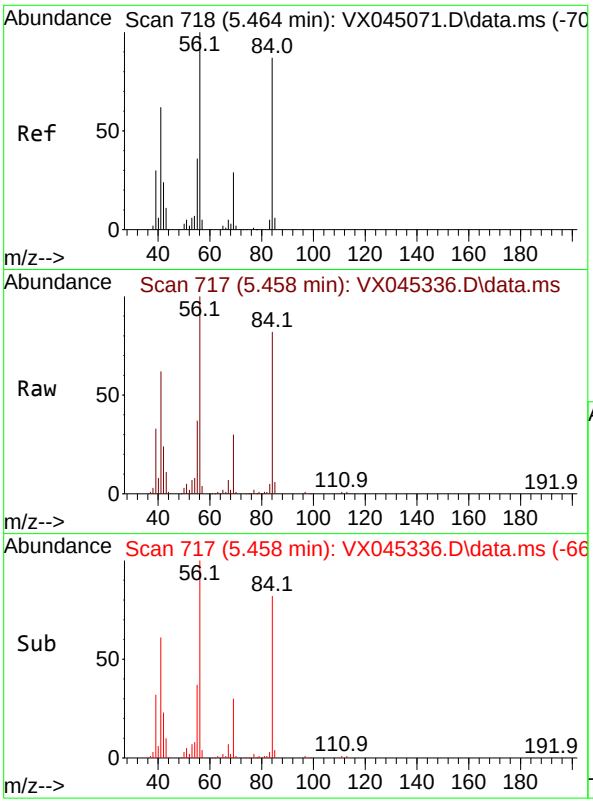


#30
Chloroform
Concen: 55.060 ug/l
RT: 5.087 min Scan# 656
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 83 Resp: 111580

Ion	Ratio	Lower	Upper
83	100		
85	62.0	51.4	77.2

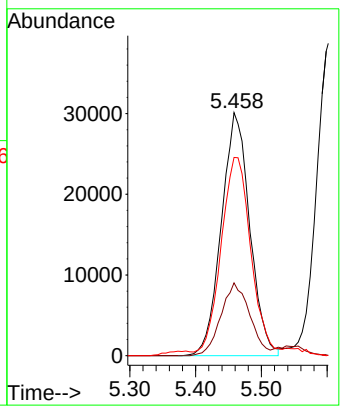




#31
Cyclohexane
Concen: 51.079 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 56 Resp: 9043

Ion	Ratio	Lower	Upper
56	100		
69	29.9	23.4	35.2
84	79.7	69.4	104.2



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

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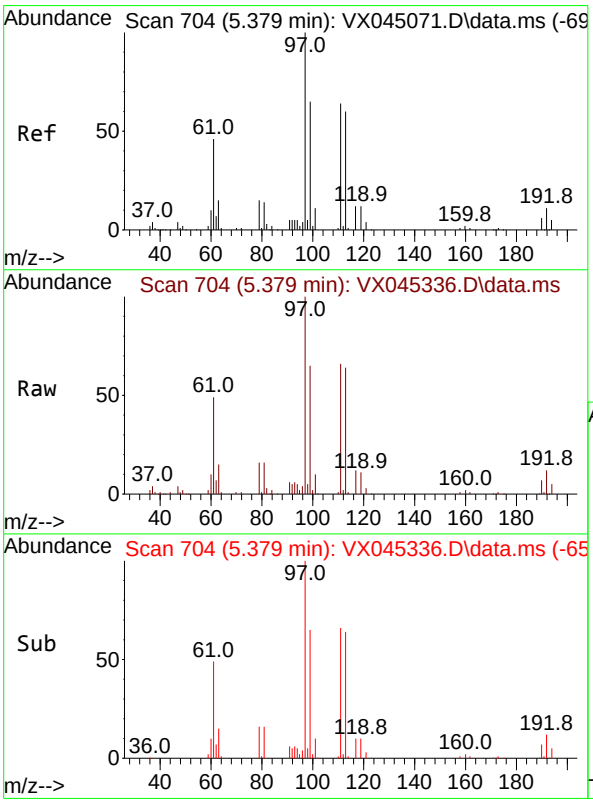
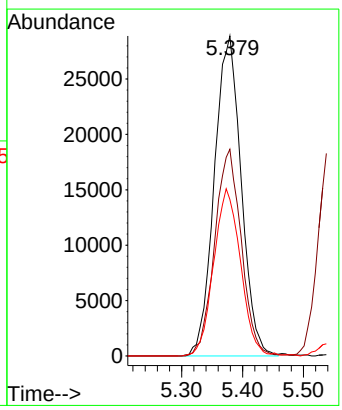
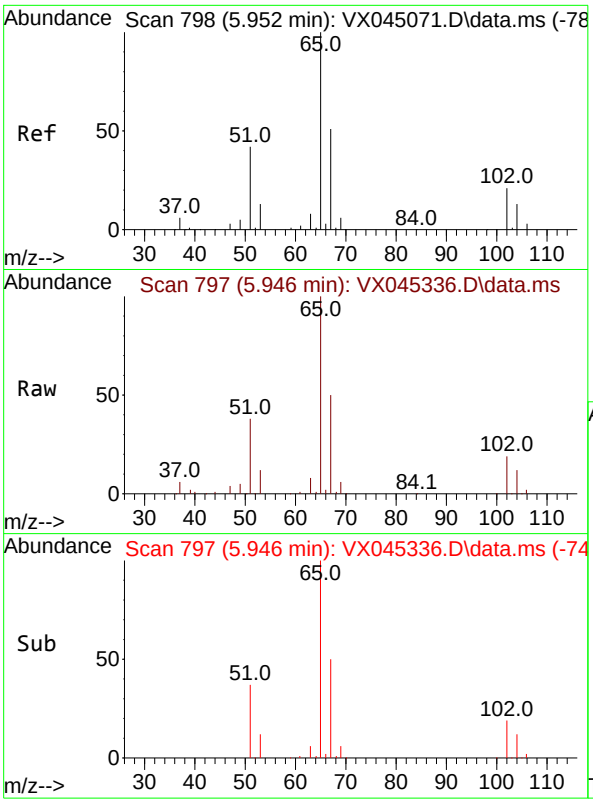


#32
1,1,1-Trichloroethane
Concen: 54.128 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 97 Resp: 88593

Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.6	77.4
61	52.1	38.4	57.6





#33
1,2-Dichloroethane-d4
Concen: 56.890 ug/l
RT: 5.946 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 65 Resp: 7403

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	106.2

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

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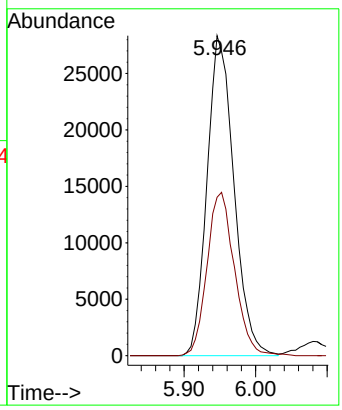
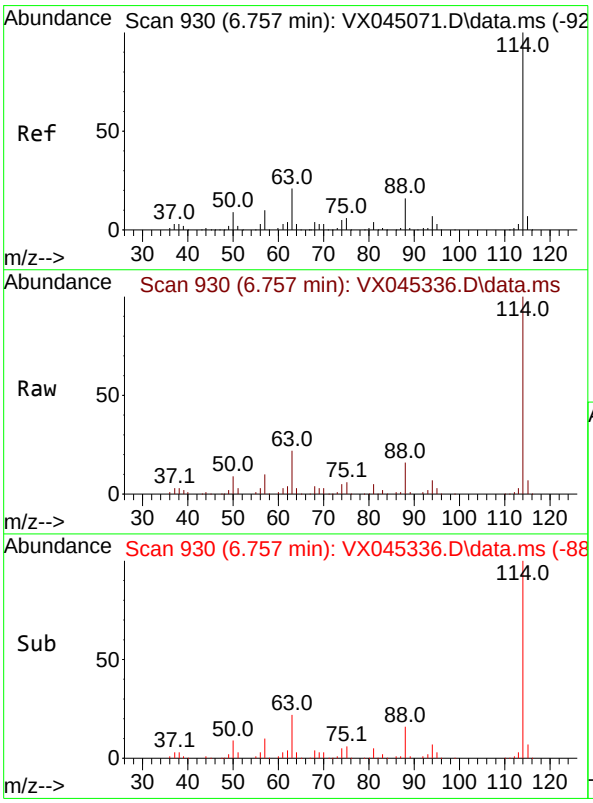
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

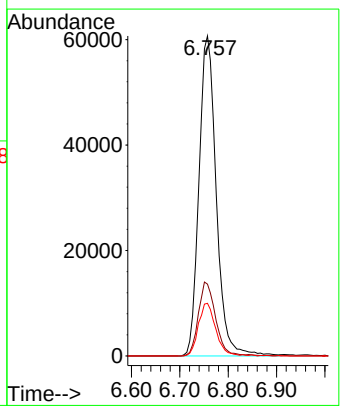


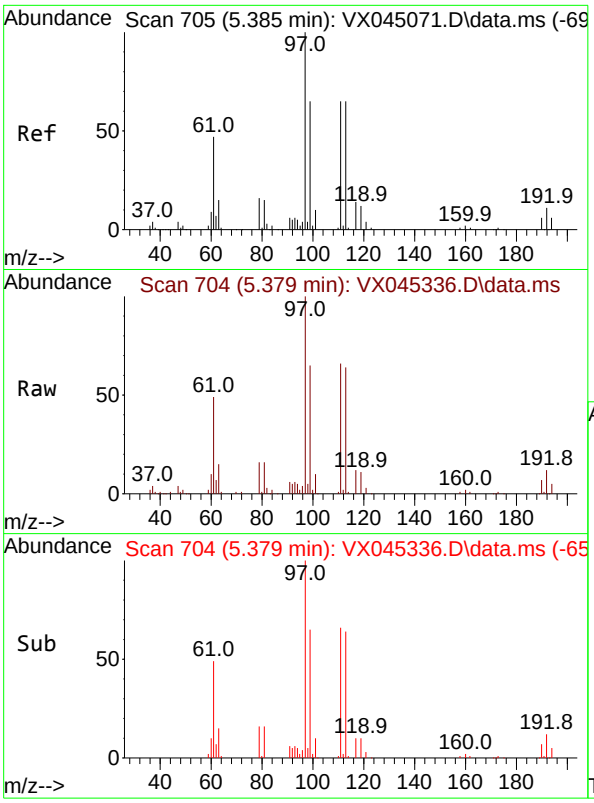


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion:114 Resp: 150929

Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	41.8
88	16.5	0.0	32.8

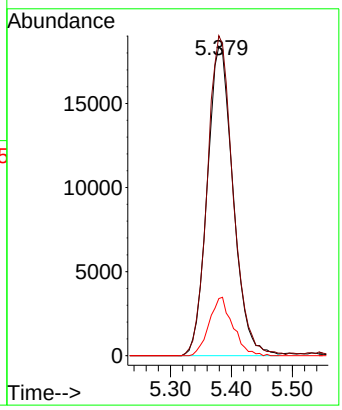




#35
Dibromofluoromethane
Concen: 53.843 ug/l
RT: 5.379 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion:113 Resp: 5434

Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.8	122.6
192	17.2	14.3	21.5



Instrument :
MSVOA_X
ClientSampleId :
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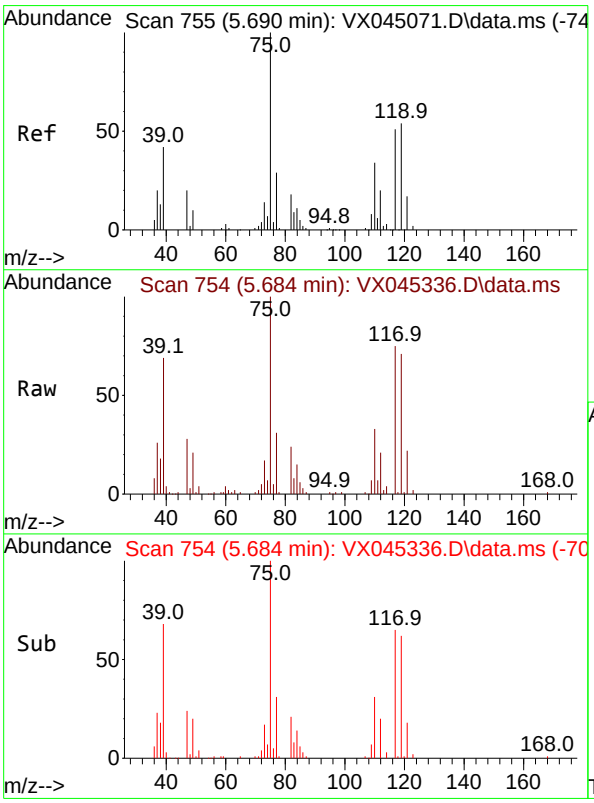
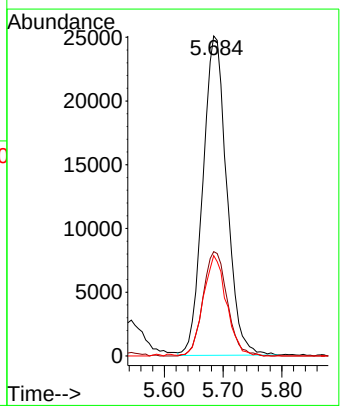
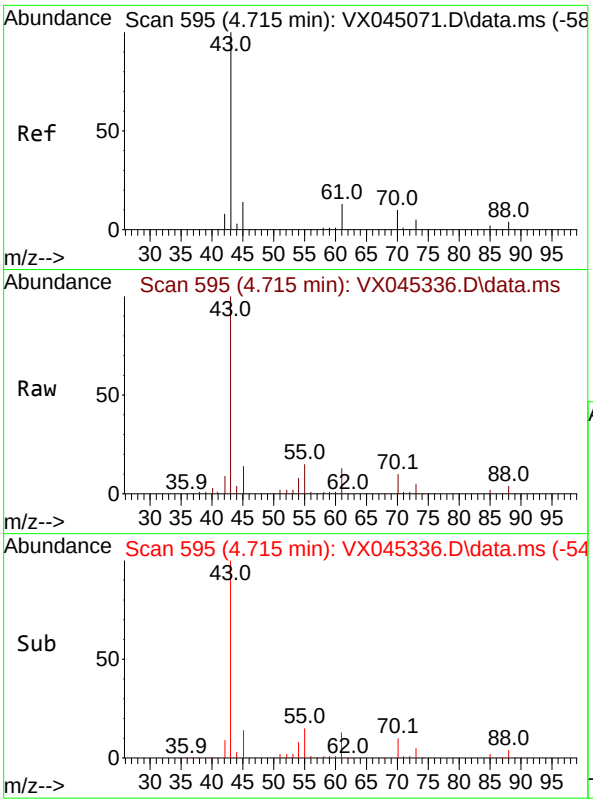


#36
1,1-Dichloropropene
Concen: 51.041 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 75 Resp: 70643

Ion	Ratio	Lower	Upper
75	100		
110	33.2	16.9	50.6
77	30.8	24.5	36.7





#37
Ethyl Acetate
Concen: 44.877 ug/l
RT: 4.715 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 43 Resp: 8003

Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.8	16.2
70	9.9	7.7	11.5

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

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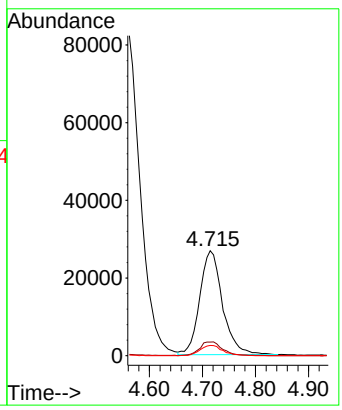
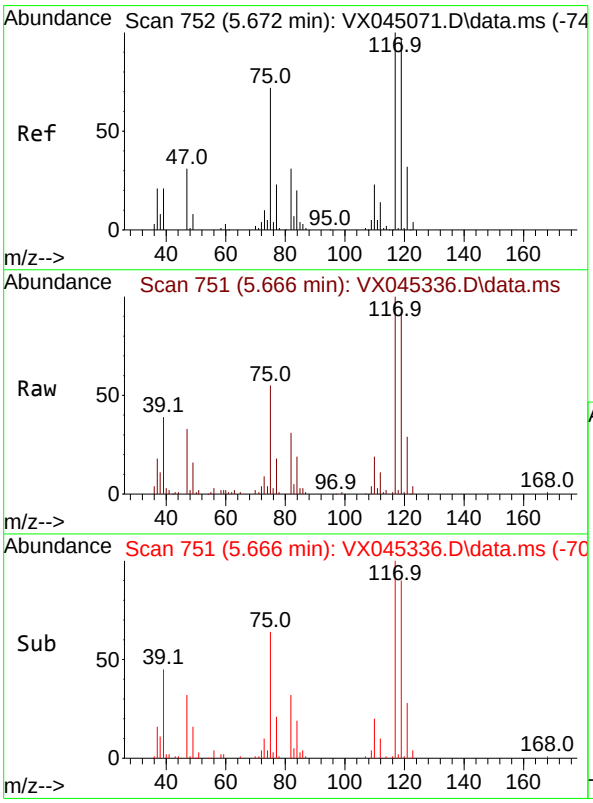
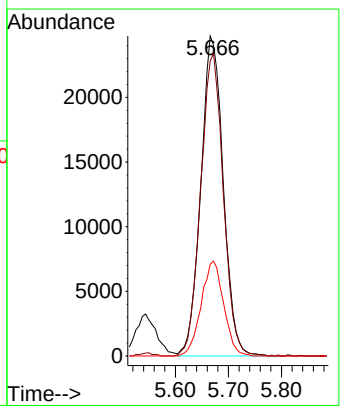


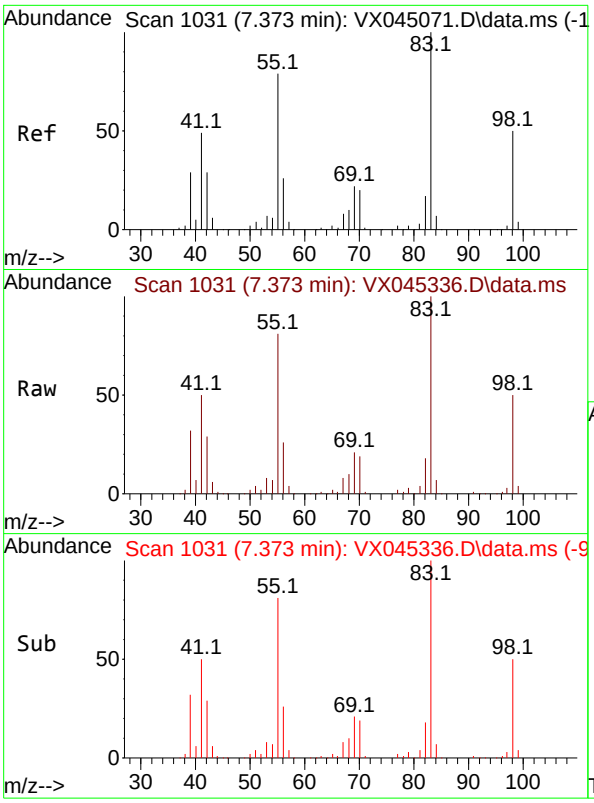


#38
Carbon Tetrachloride
Concen: 51.698 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion:117 Resp: 72643

Ion	Ratio	Lower	Upper
117	100		
119	91.9	76.7	115.1
121	28.6	25.5	38.3

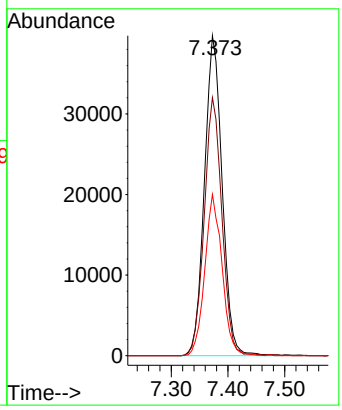




#39
Methylcyclohexane
Concen: 51.949 ug/l
RT: 7.373 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 83 Resp: 8615

Ion	Ratio	Lower	Upper
83	100		
55	80.7	63.0	94.4
98	50.4	39.7	59.5



Instrument :
MSVOA_X
ClientSampleId :
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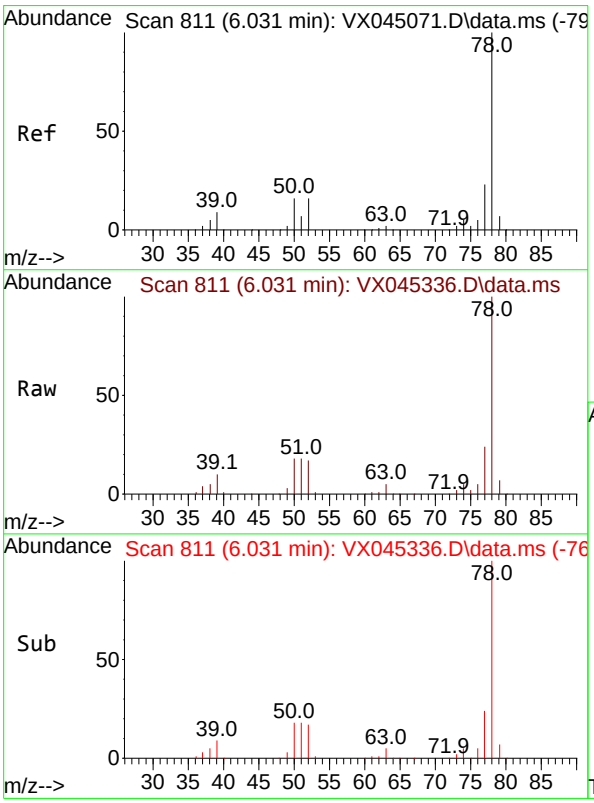
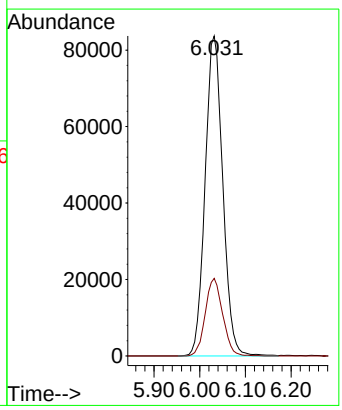
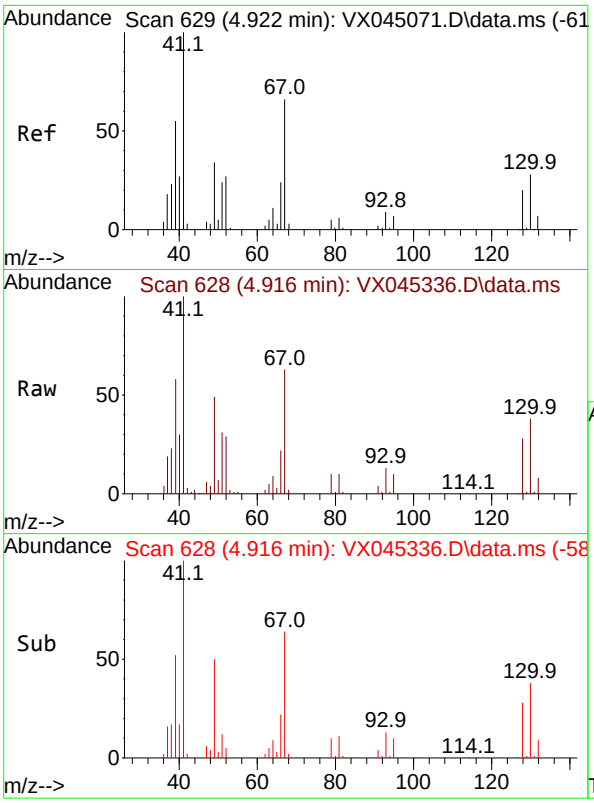


#40
Benzene
Concen: 51.354 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 78 Resp: 224443

Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.8	28.2

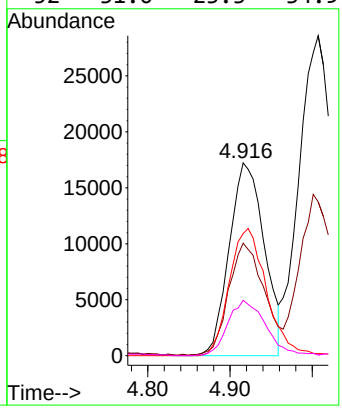




#41
Methacrylonitrile
Concen: 53.029 ug/l
RT: 4.916 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 41 Resp: 5113

Ion	Ratio	Lower	Upper
41	100		
39	59.4	44.6	67.0
67	70.1	53.9	80.9
52	31.0	23.3	34.9



Instrument :
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ClientSampleId :
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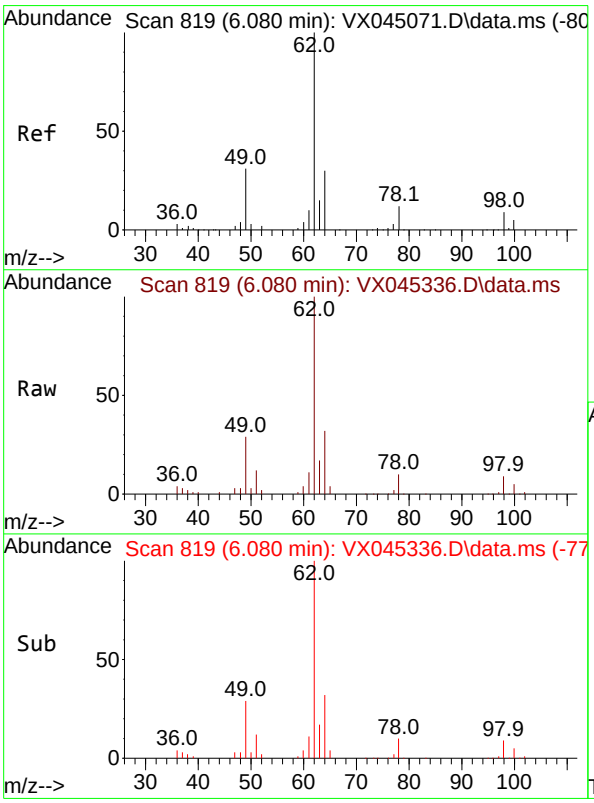
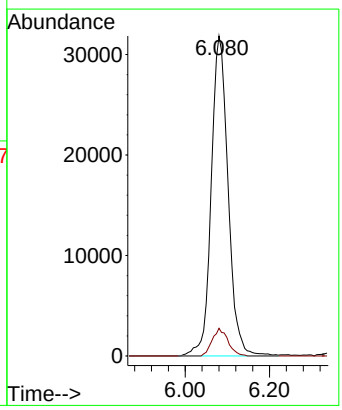
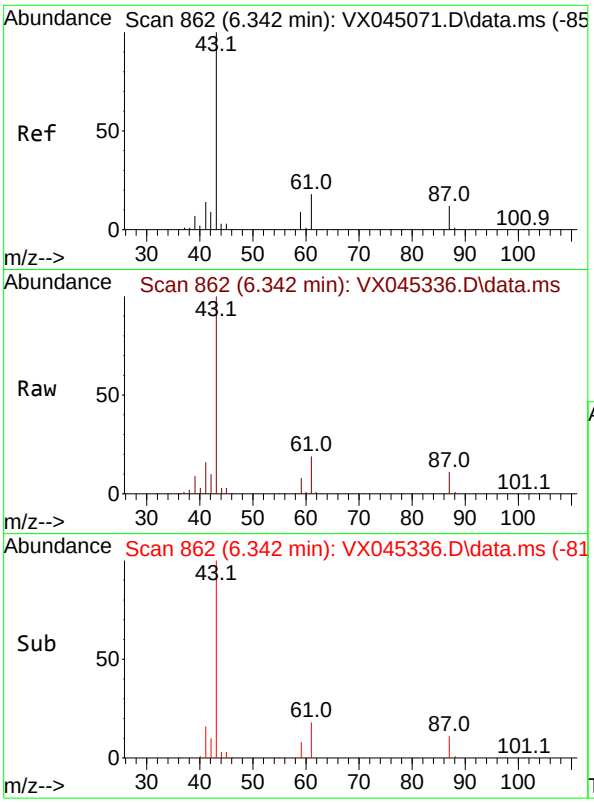


#42
1,2-Dichloroethane
Concen: 56.084 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 62 Resp: 88267

Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	18.2

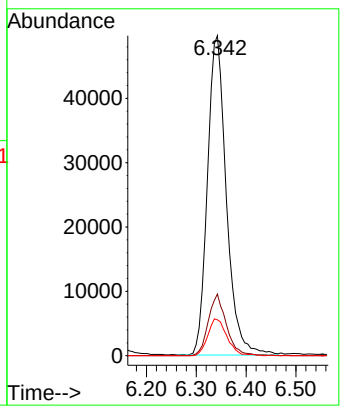




#43
Isopropyl Acetate
Concen: 49.621 ug/l
RT: 6.342 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 43 Resp: 13086

Ion	Ratio	Lower	Upper
43	100		
61	18.5	14.9	22.3
87	11.7	9.4	14.2



Instrument :
MSVOA_X
ClientSampleId :
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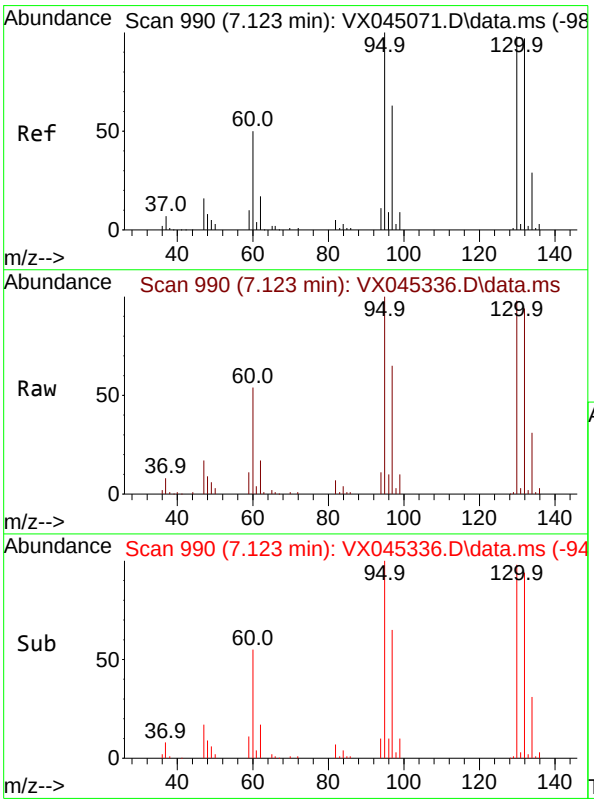
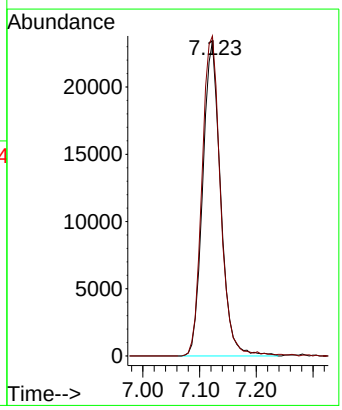
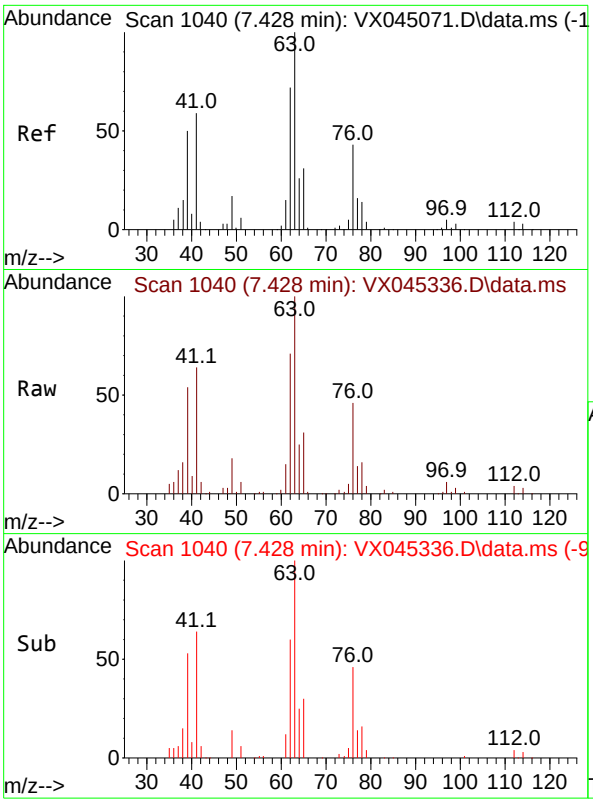


#44
Trichloroethene
Concen: 49.895 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion:130 Resp: 51204

Ion	Ratio	Lower	Upper
130	100		
95	101.9	0.0	205.0

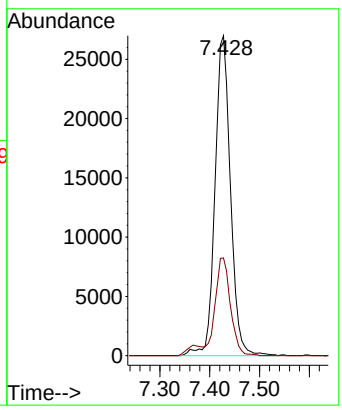




#45
1,2-Dichloropropane
Concen: 51.875 ug/l
RT: 7.428 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 63 Resp: 5829

Ion	Ratio	Lower	Upper
63	100		
65	30.6	24.7	37.1



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

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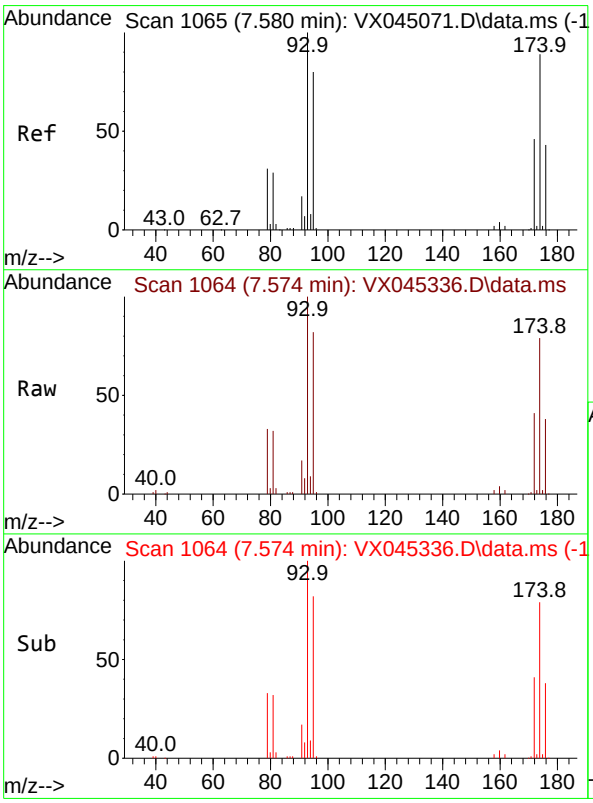
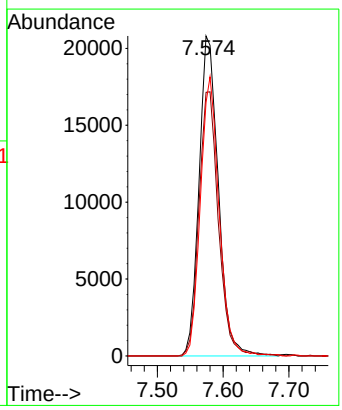
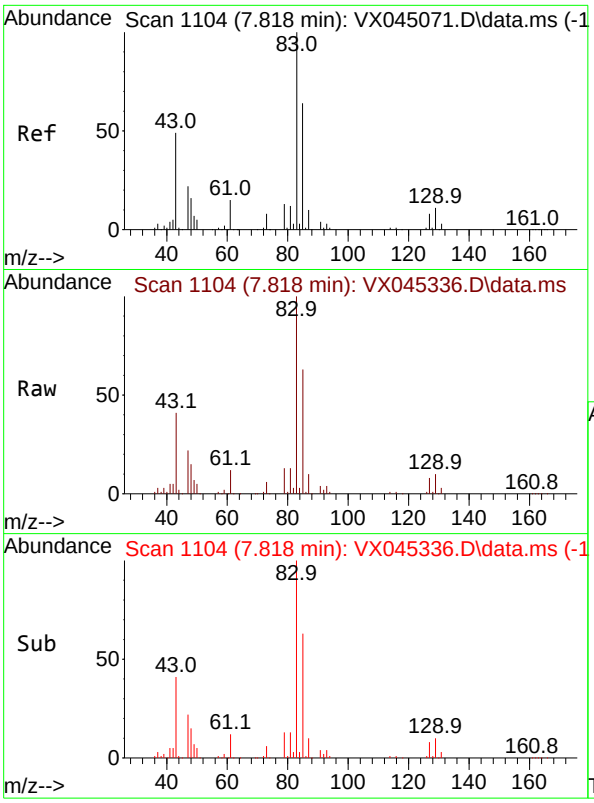


#46
Dibromomethane
Concen: 53.511 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 93 Resp: 42501

Ion	Ratio	Lower	Upper
93	100		
95	83.3	65.8	98.8
174	84.7	72.2	108.2

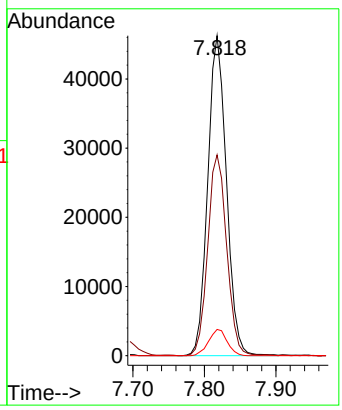




#47
Bromodichloromethane
Concen: 53.861 ug/l
RT: 7.818 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 83 Resp: 8391

Ion	Ratio	Lower	Upper
83	100		
85	62.7	51.1	76.7
127	8.2	6.4	9.6



Instrument :
MSVOA_X
ClientSampleId :
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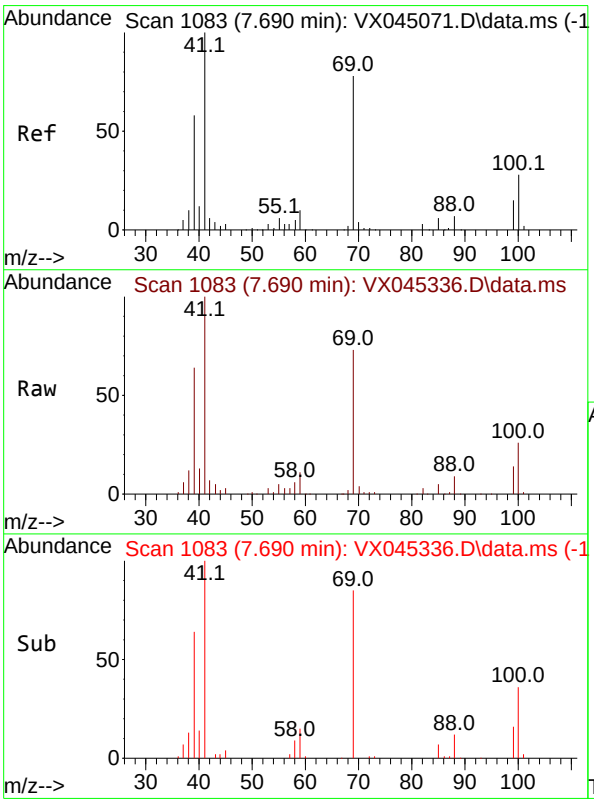
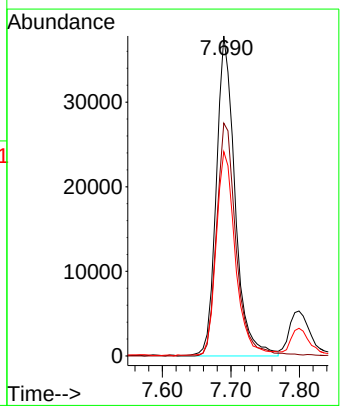
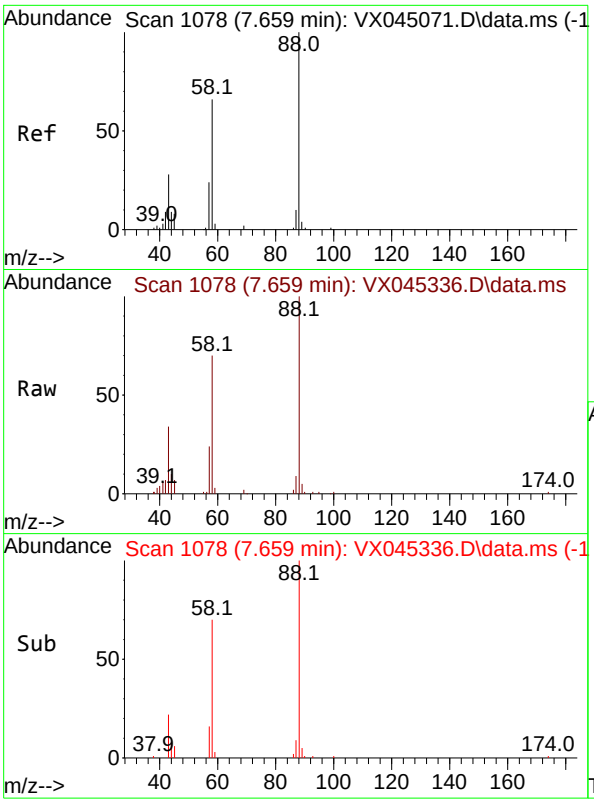


#48
Methyl methacrylate
Concen: 54.251 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 41 Resp: 71777

Ion	Ratio	Lower	Upper
41	100		
69	75.7	63.0	94.6
39	66.2	47.5	71.3

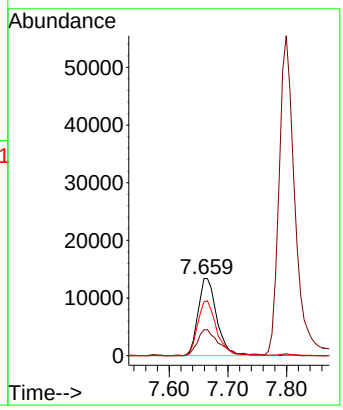




#49
1,4-Dioxane
Concen: 1071.003 ug/l
RT: 7.659 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 88 Resp: 2989

Ion	Ratio	Lower	Upper
88	100		
43	38.7	28.7	43.1
58	71.6	55.8	83.8



Instrument :
MSVOA_X
ClientSampleId :
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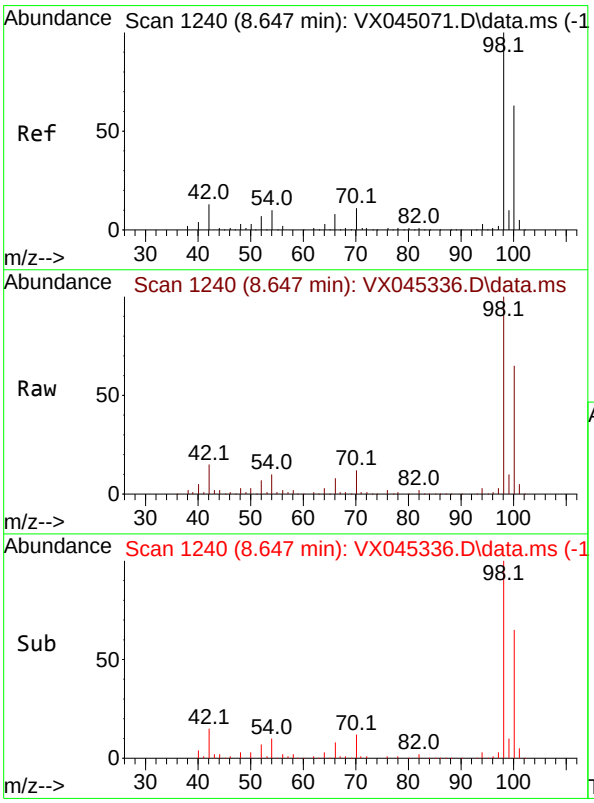
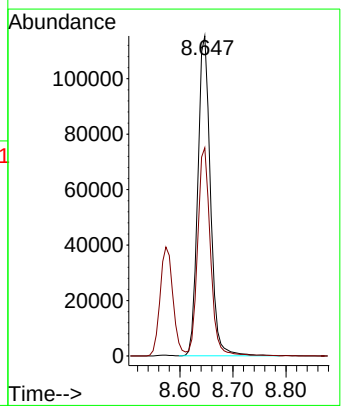
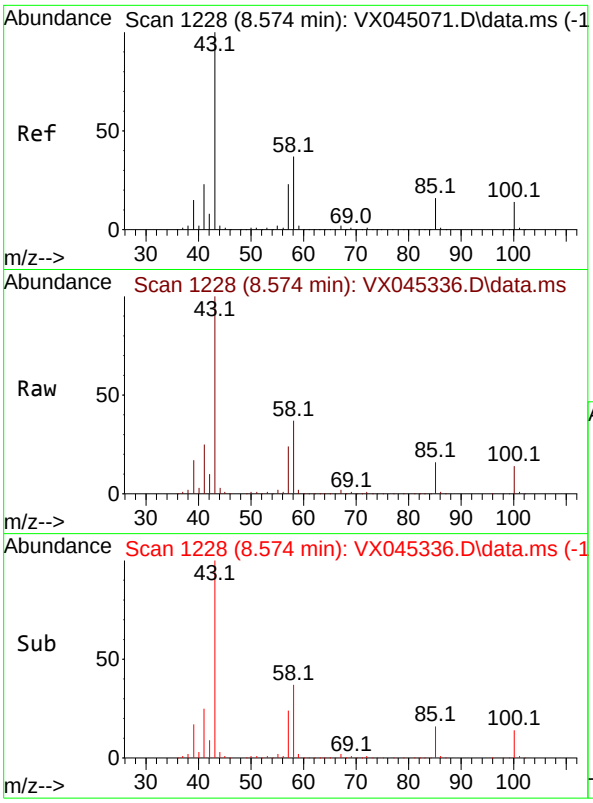


#50
Toluene-d8
Concen: 52.226 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 98 Resp: 191083

Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.0	78.0

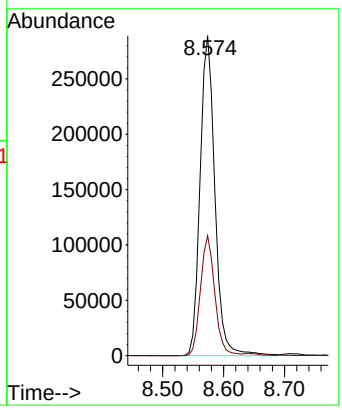




#51
4-Methyl-2-Pentanone
Concen: 276.084 ug/l
RT: 8.574 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 43 Resp: 48887

Ion	Ratio	Lower	Upper
43	100		
58	36.2	29.2	43.8



Instrument :
MSVOA_X
ClientSampleId :
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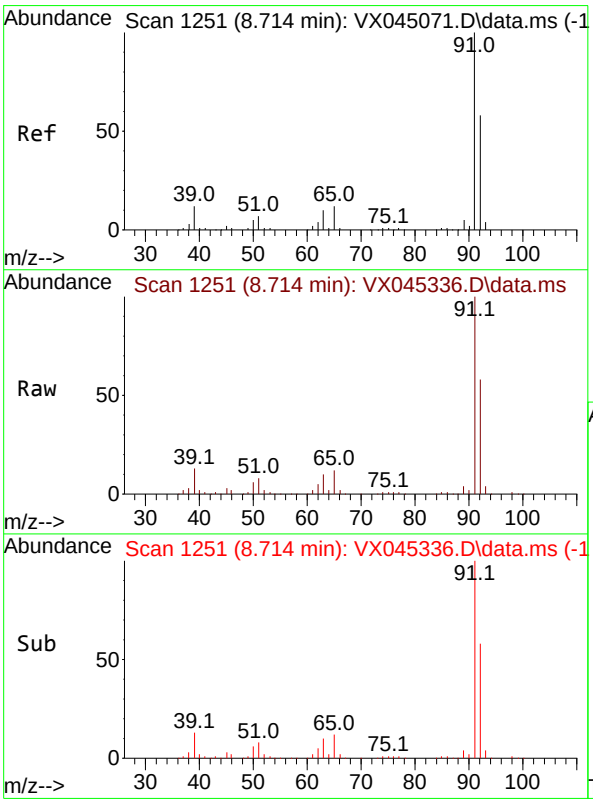
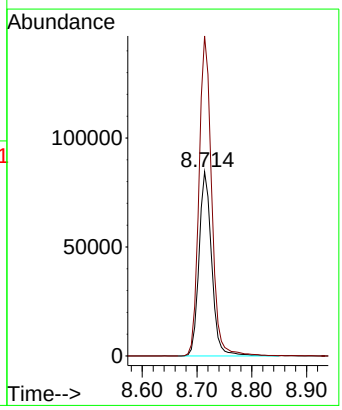
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

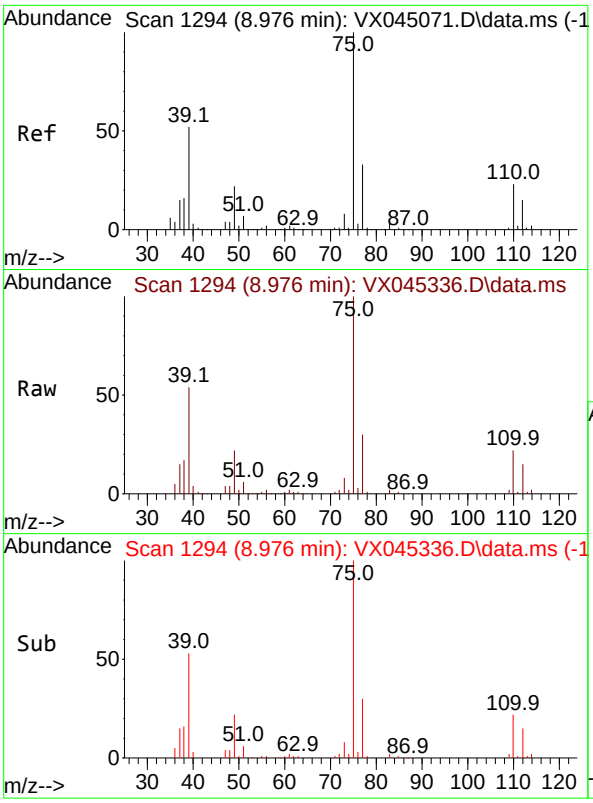


#52
Toluene
Concen: 52.878 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 92 Resp: 135592

Ion	Ratio	Lower	Upper
92	100		
91	174.2	138.9	208.3

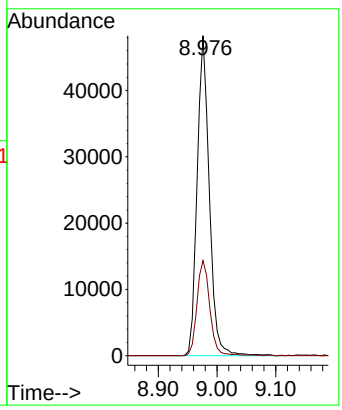




#53
t-1,3-Dichloropropene
Concen: 53.430 ug/l
RT: 8.976 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 75 Resp: 6958

Ion	Ratio	Lower	Upper
75	100		
77	29.7	26.5	39.7



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

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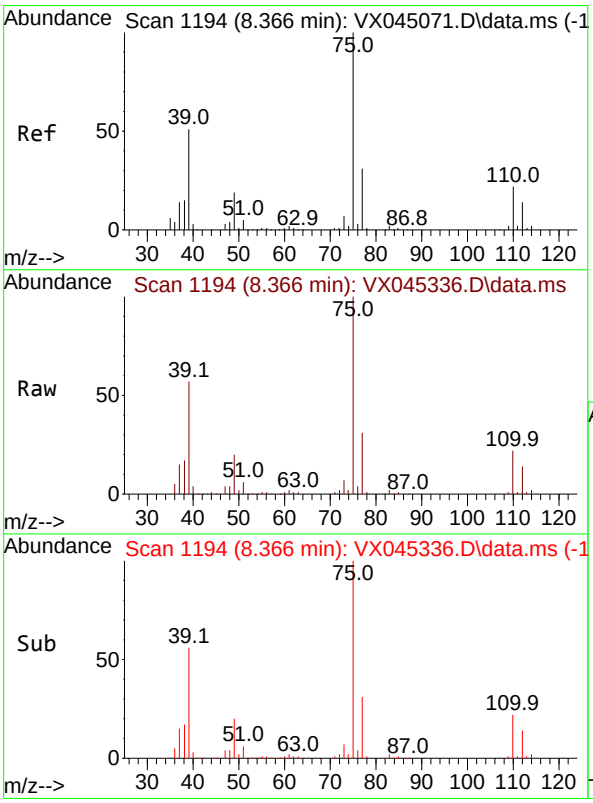
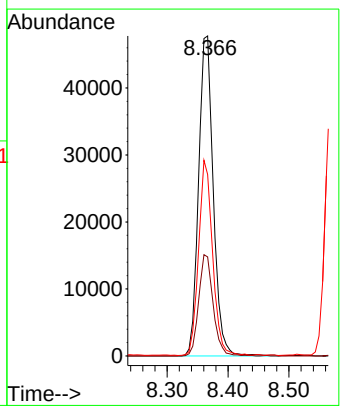
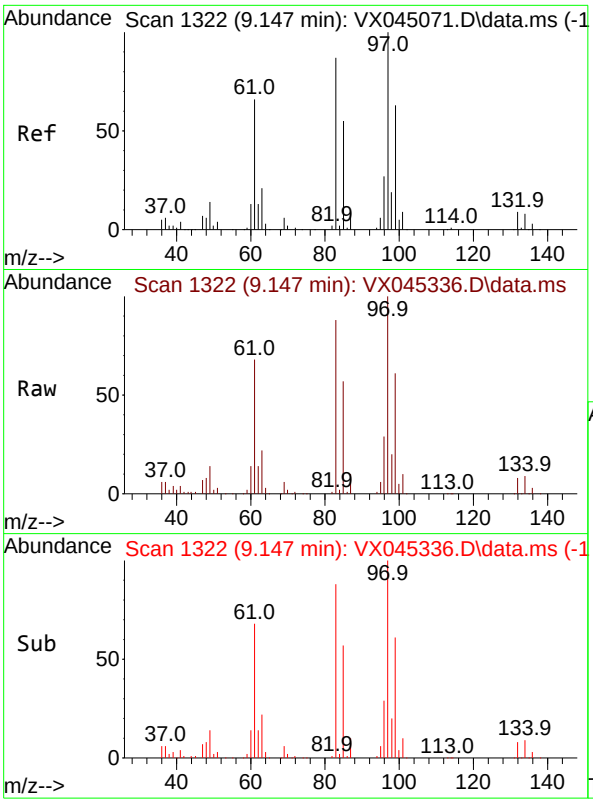


#54
cis-1,3-Dichloropropene
Concen: 52.799 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 75 Resp: 80187

Ion	Ratio	Lower	Upper
75	100		
77	31.0	24.7	37.1
39	56.5	40.7	61.1

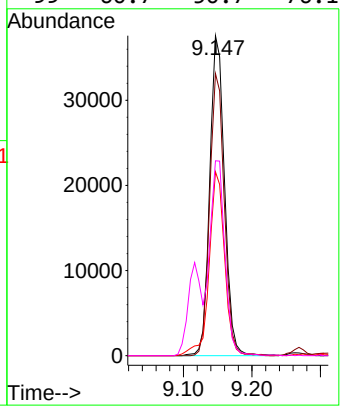




#55
1,1,2-Trichloroethane
Concen: 53.413 ug/l
RT: 9.147 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 97 Resp: 5638

Ion	Ratio	Lower	Upper
97	100		
83	88.1	69.4	104.2
85	57.5	44.1	66.1
99	60.7	50.7	76.1



Instrument :
MSVOA_X
ClientSampleId :
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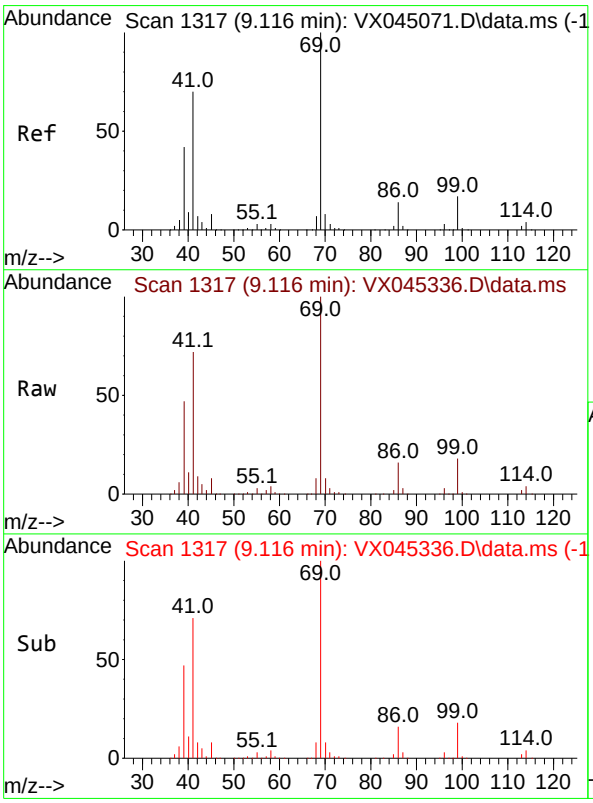
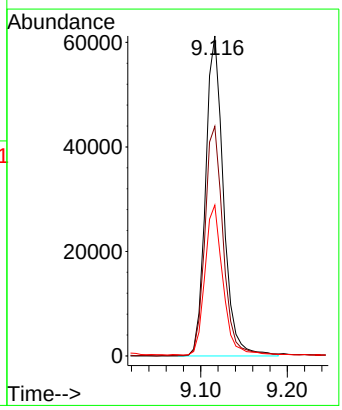
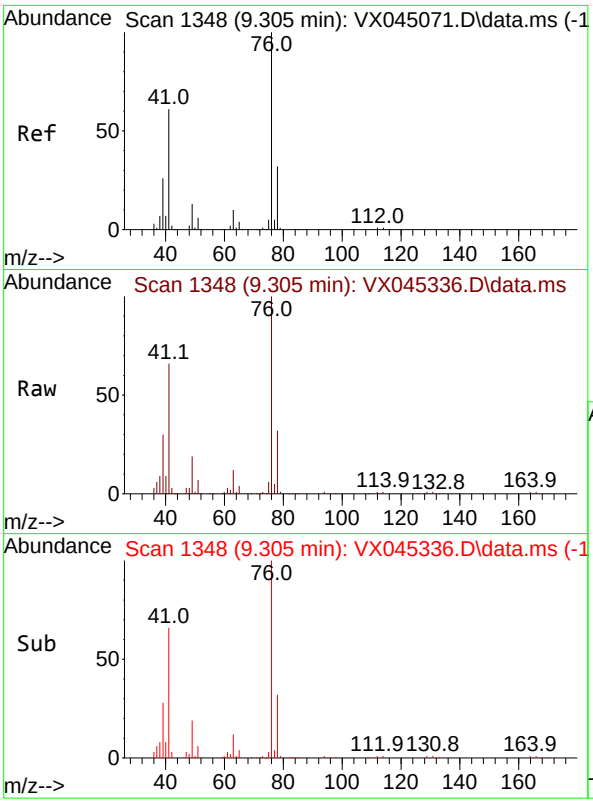


#56
Ethyl methacrylate
Concen: 54.795 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 69 Resp: 87926

Ion	Ratio	Lower	Upper
69	100		
41	74.7	57.0	85.4
39	47.2	34.2	51.4





#57
1,3-Dichloropropane
Concen: 52.519 ug/l
RT: 9.305 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 76 Resp: 9594

Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.5	38.3

Instrument :
MSVOA_X
ClientSampleId :
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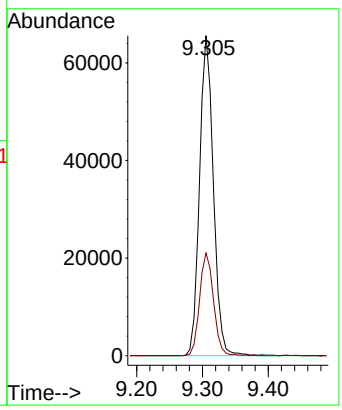
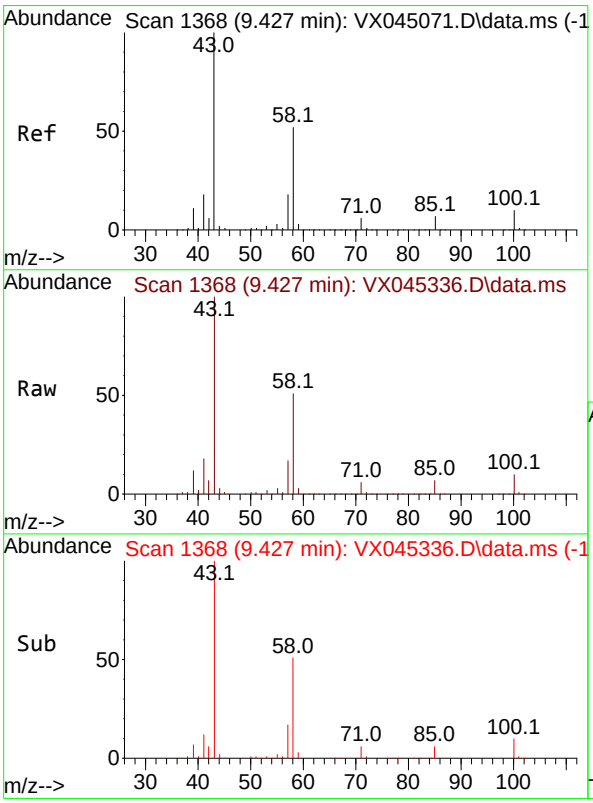
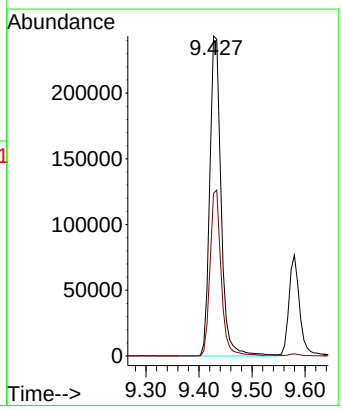


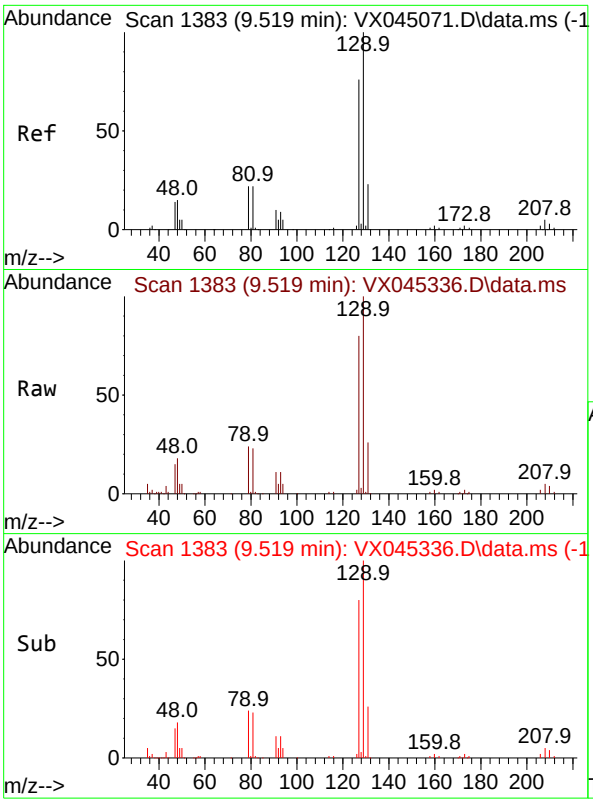


#59
2-Hexanone
Concen: 281.352 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 43 Resp: 360965

Ion	Ratio	Lower	Upper
43	100		
58	50.9	25.9	77.6

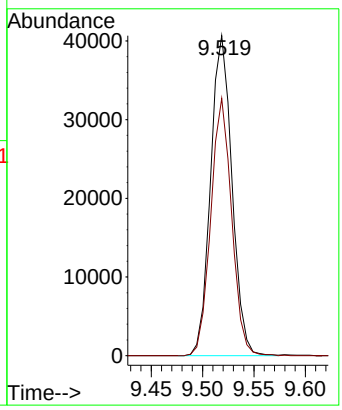




#60
Dibromochloromethane
Concen: 53.343 ug/l
RT: 9.519 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion:129 Resp: 5887

Ion	Ratio	Lower	Upper
129	100		
127	78.4	38.5	115.5



Instrument :
MSVOA_X
ClientSampleId :
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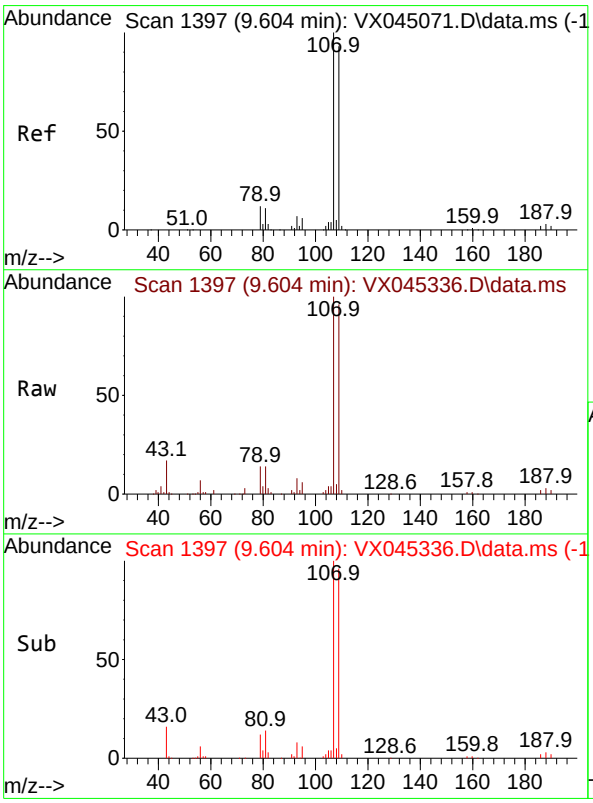
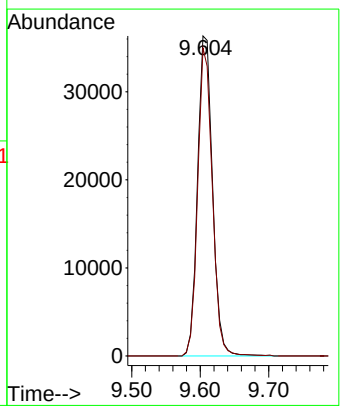
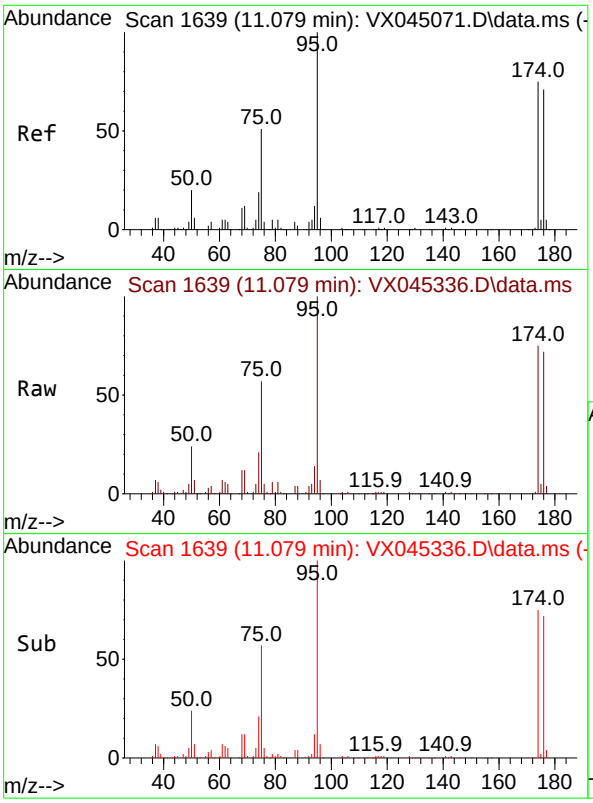


#61
1,2-Dibromoethane
Concen: 52.524 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion:107 Resp: 55352

Ion	Ratio	Lower	Upper
107	100		
109	94.1	76.1	114.1

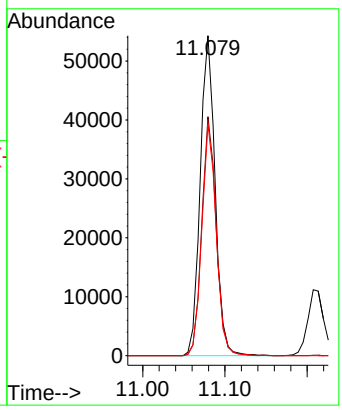




#62
4-Bromofluorobenzene
Concen: 56.246 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 95 Resp: 6819

Ion	Ratio	Lower	Upper
95	100		
174	72.6	0.0	148.2
176	69.8	0.0	141.4



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

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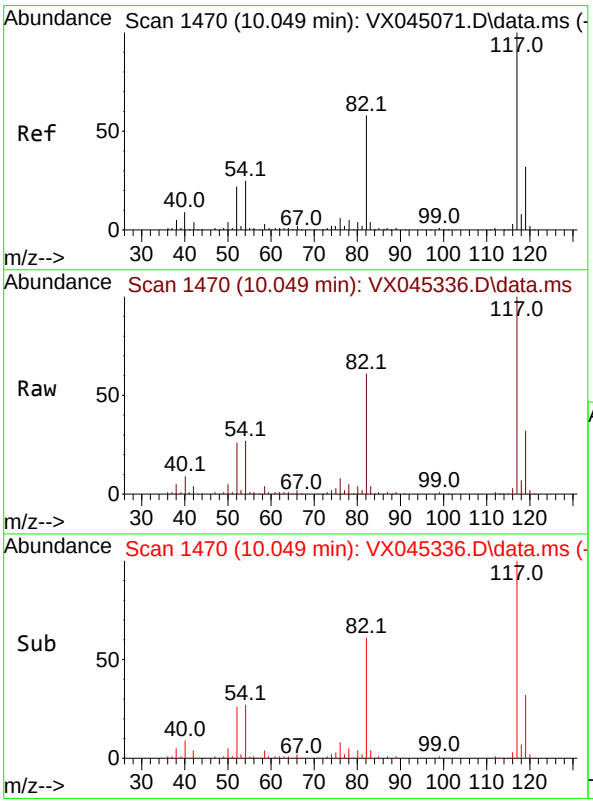
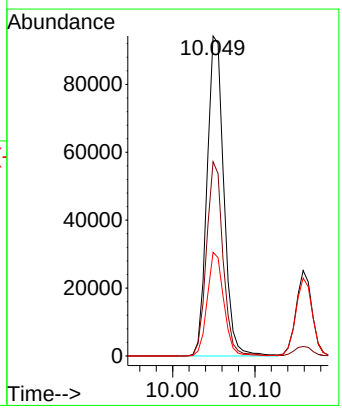
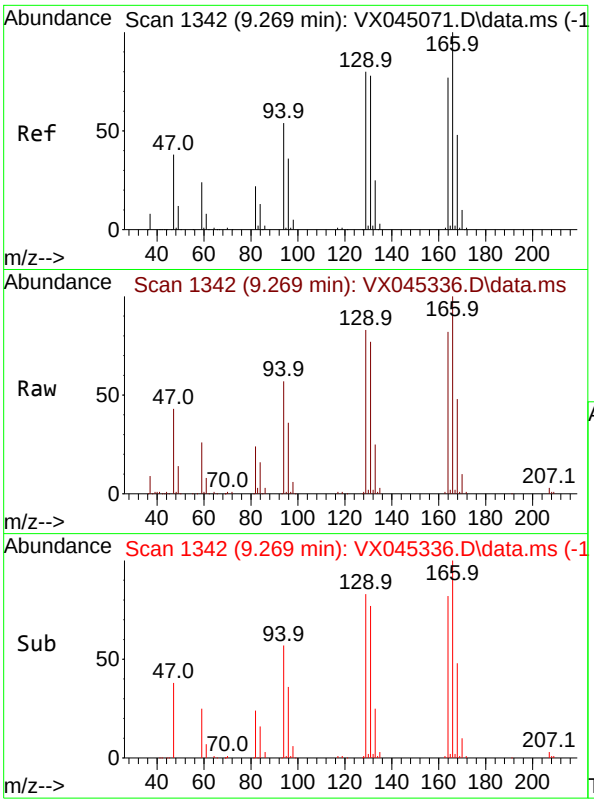


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion:117 Resp: 133572

Ion	Ratio	Lower	Upper
117	100		
82	60.7	46.3	69.5
119	32.4	25.7	38.5

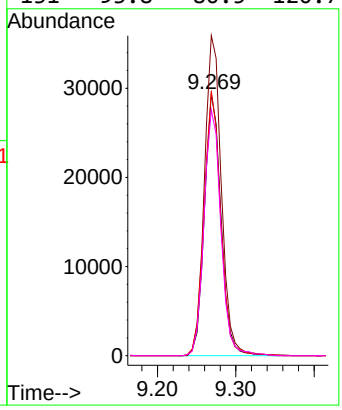




#64
Tetrachloroethene
Concen: 50.236 ug/l
RT: 9.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion:164 Resp: 4297

Ion	Ratio	Lower	Upper
164	100		
166	122.2	103.6	155.4
129	101.1	82.7	124.1
131	93.8	80.5	120.7



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

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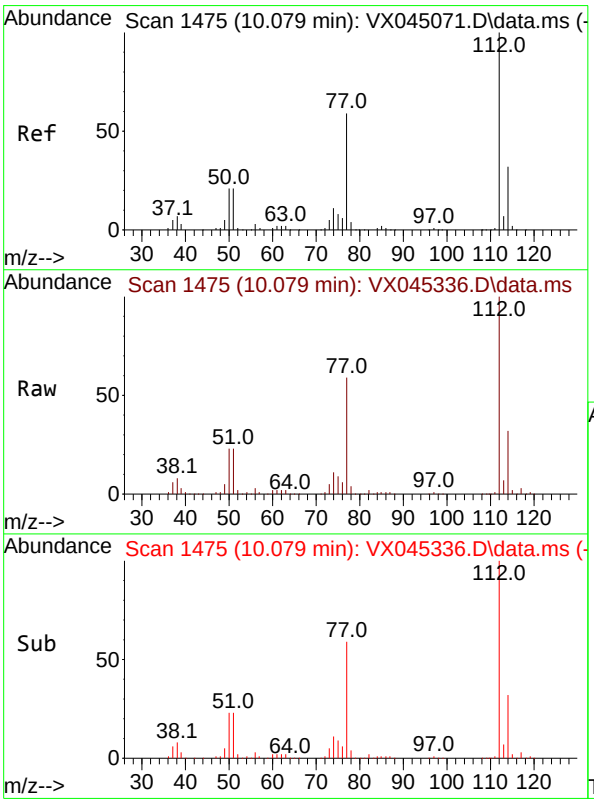
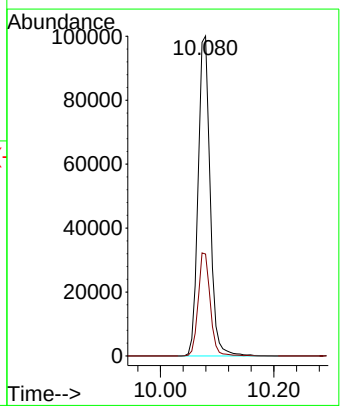
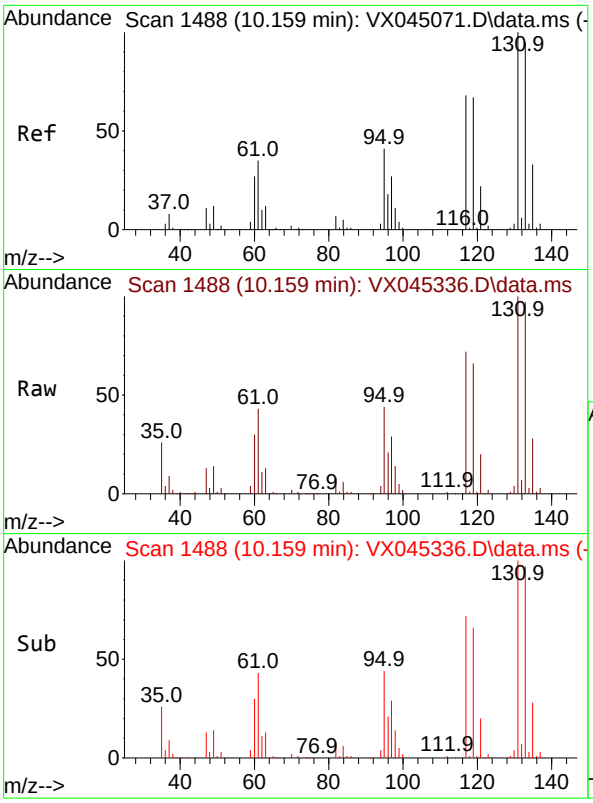


#65
Chlorobenzene
Concen: 51.926 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion:112 Resp: 146761

Ion	Ratio	Lower	Upper
112	100		
114	31.9	26.0	39.0





#66
1,1,1,2-Tetrachloroethane
Concen: 51.287 ug/l
RT: 10.159 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion:131 Resp: 4827

Ion	Ratio	Lower	Upper
131	100		
133	95.9	48.6	145.9
119	66.4	33.9	101.7

Instrument :
MSVOA_X
ClientSampleId :
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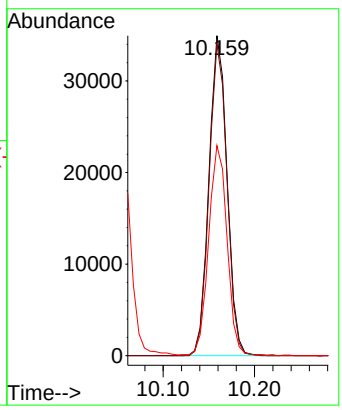
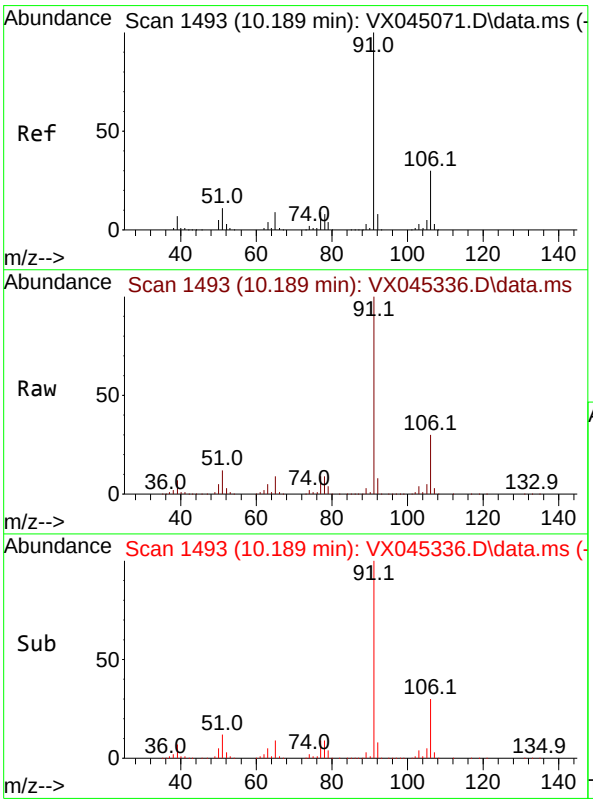
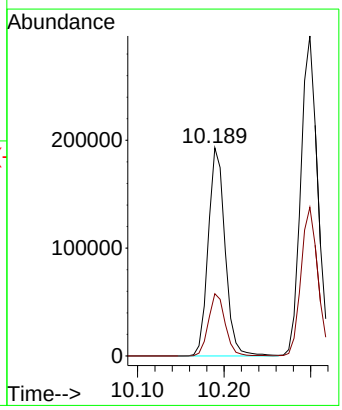


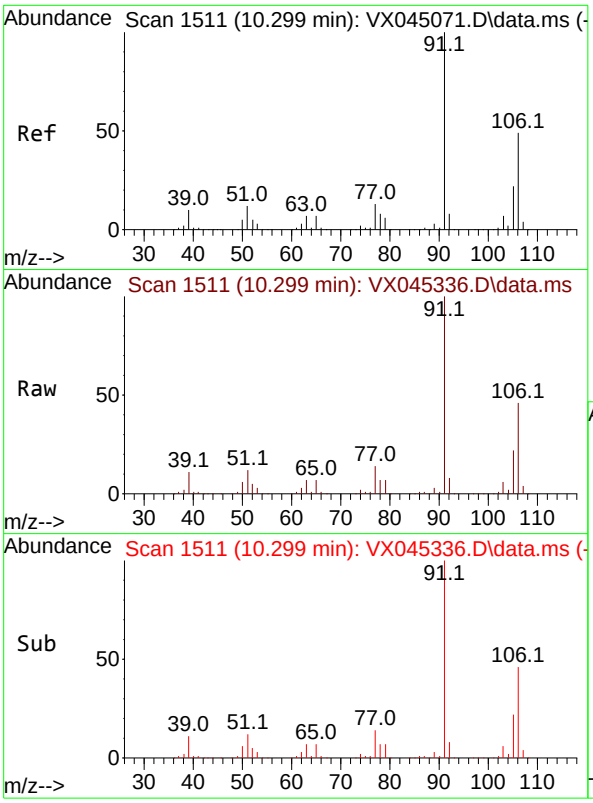


#67
Ethyl Benzene
Concen: 52.963 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 91 Resp: 260829

Ion	Ratio	Lower	Upper
91	100		
106	29.9	23.9	35.9

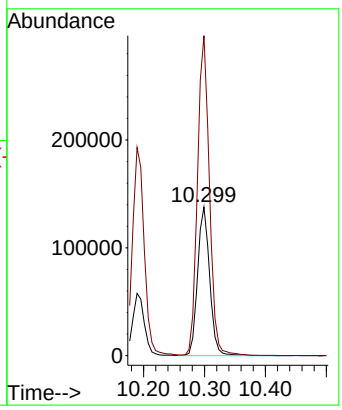




#68
m/p-Xylenes
Concen: 104.951 ug/l
RT: 10.299 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion:106 Resp: 18920

Ion	Ratio	Lower	Upper
106	100		
91	213.9	165.4	248.0



Instrument :
MSVOA_X
ClientSampleId :
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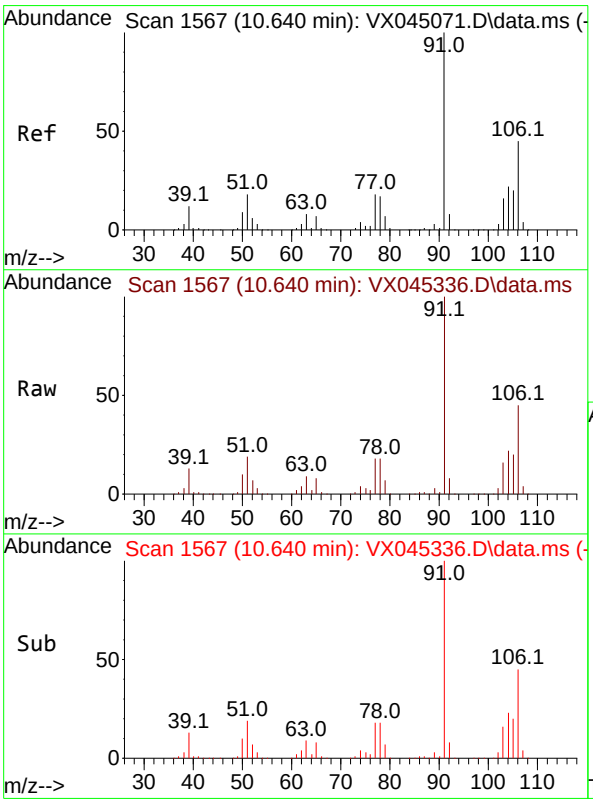
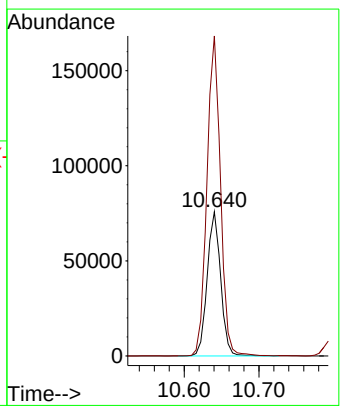
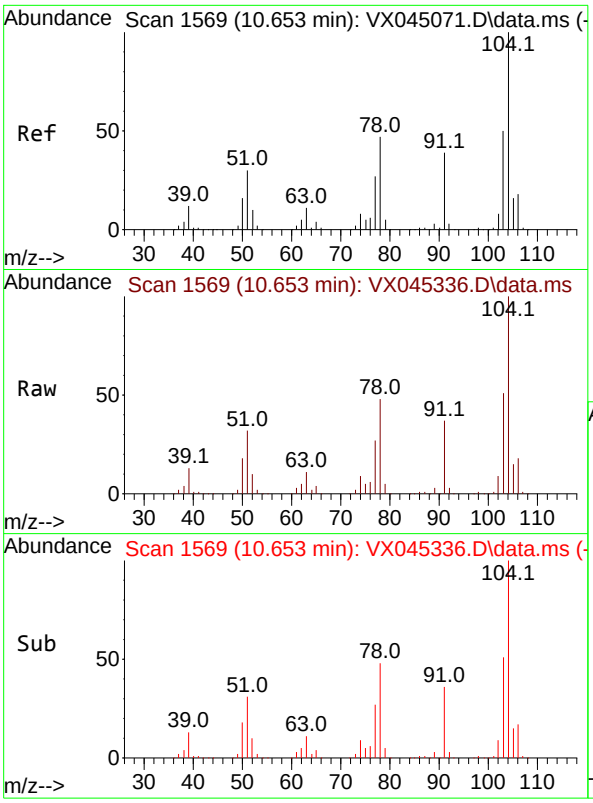


#69
o-Xylene
Concen: 52.149 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion:106 Resp: 94820

Ion	Ratio	Lower	Upper
106	100		
91	222.9	109.9	329.6

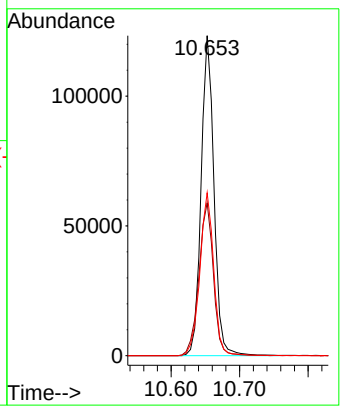




#70
Styrene
Concen: 54.826 ug/l
RT: 10.653 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion:104 Resp: 16130

Ion	Ratio	Lower	Upper
104	100		
78	53.9	42.2	63.4
103	55.0	43.8	65.8



Instrument :
MSVOA_X
ClientSampleId :
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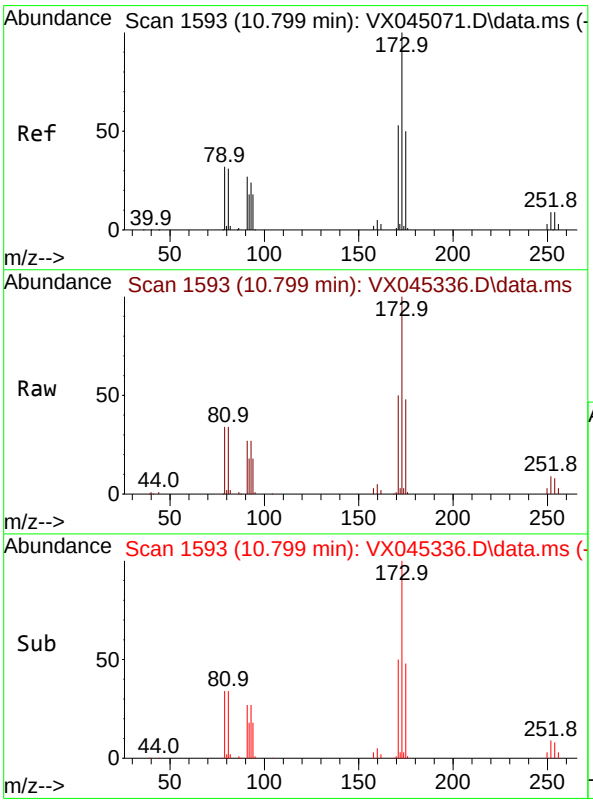
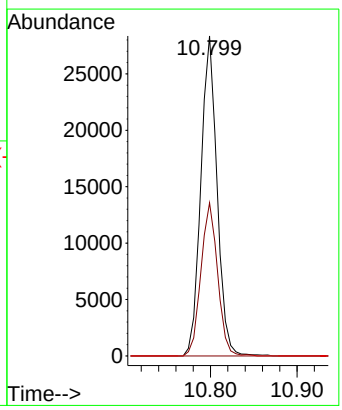
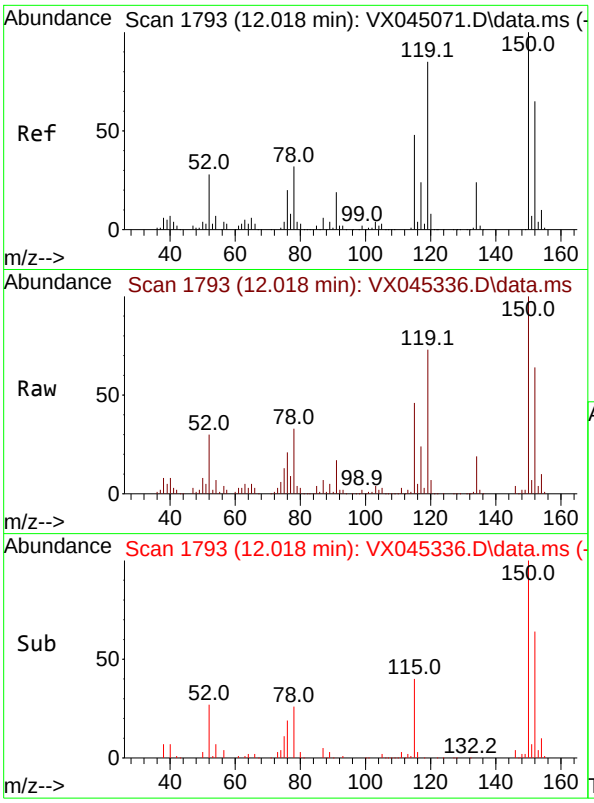


#71
Bromoform
Concen: 51.902 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion:173 Resp: 36839

Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.6	73.6
254	0.0	0.0	0.0

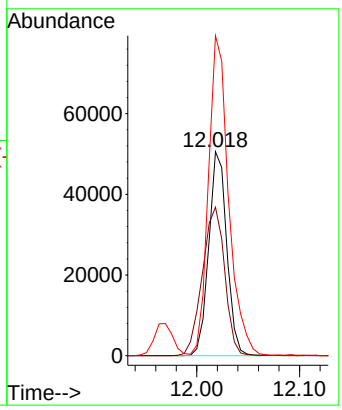




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion:152 Resp: 6170

Ion	Ratio	Lower	Upper
152	100		
115	90.4	44.2	132.6
150	174.9	0.0	349.0



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Manual Integrations
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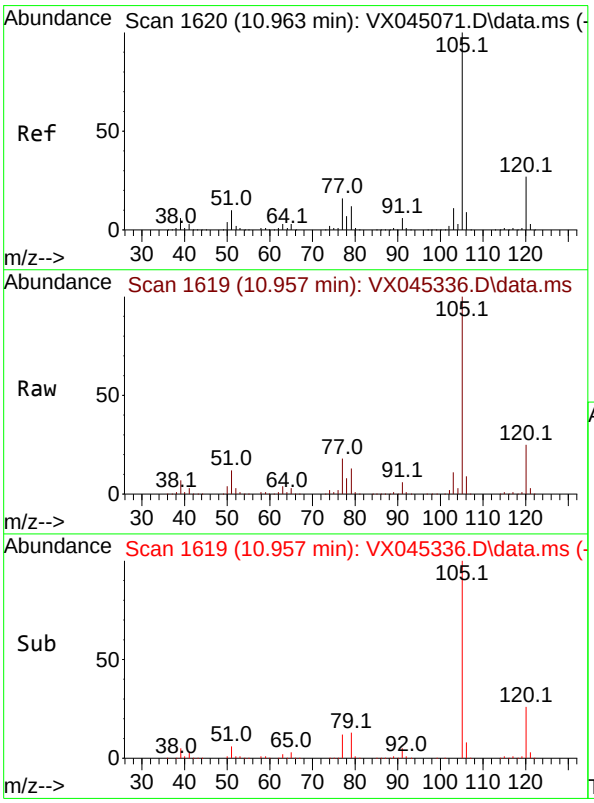
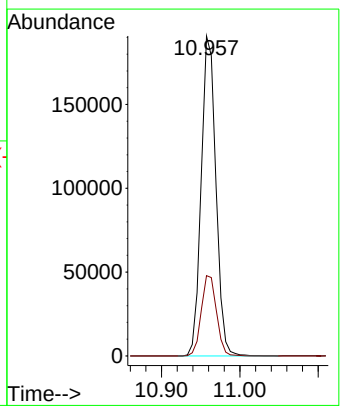
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

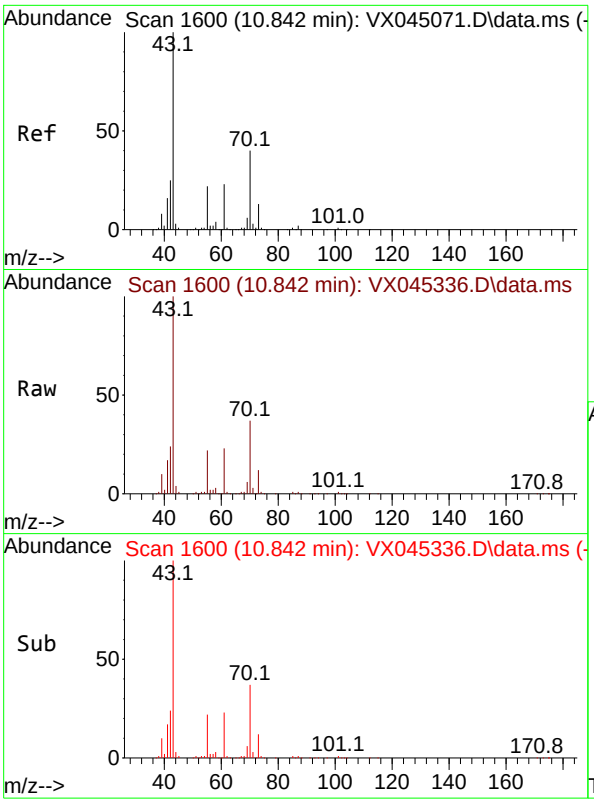


#73
Isopropylbenzene
Concen: 51.630 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion:105 Resp: 248664

Ion	Ratio	Lower	Upper
105	100		
120	25.9	13.2	39.5

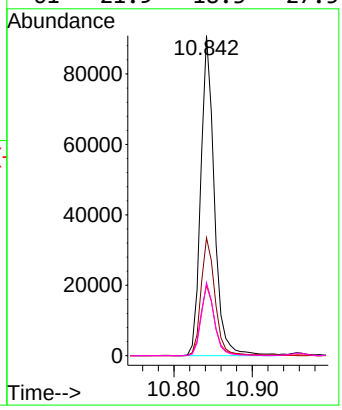




#74
N-amyl acetate
Concen: 48.406 ug/l
RT: 10.842 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 43 Resp: 10939

Ion	Ratio	Lower	Upper
43	100		
70	38.2	31.8	47.6
55	22.6	18.3	27.5
61	21.9	18.3	27.5



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

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Reviewed By :John Carlone 03/19/2025
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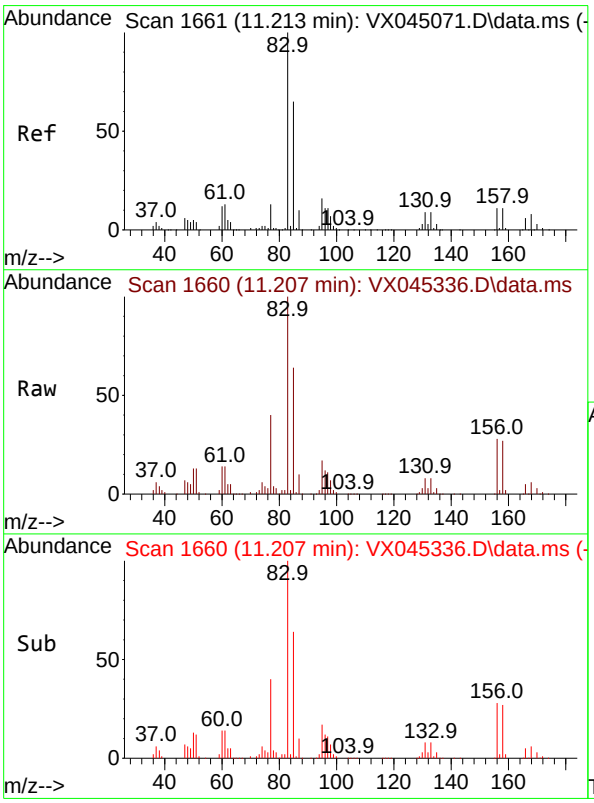
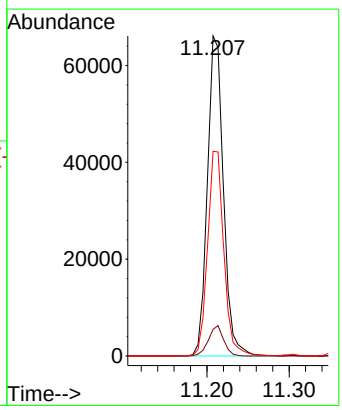
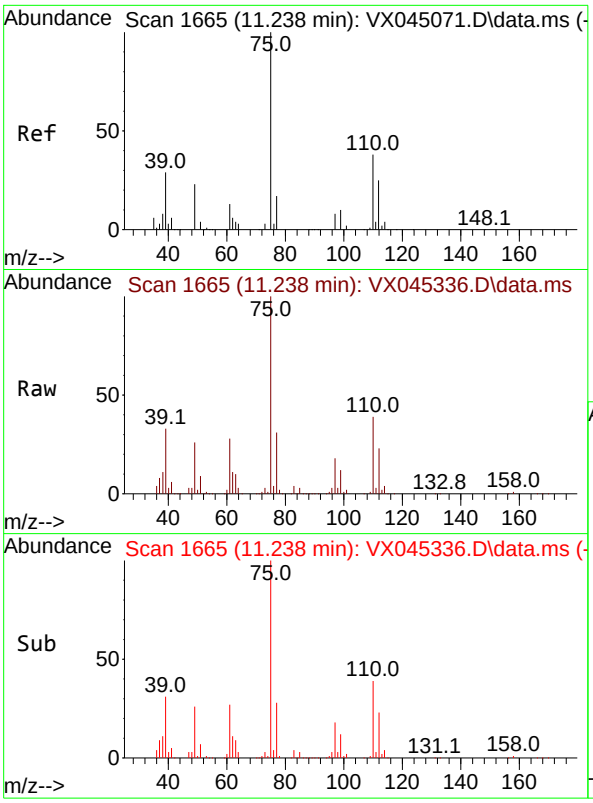


#75
1,1,2,2-Tetrachloroethane
Concen: 50.674 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 83 Resp: 89561

Ion	Ratio	Lower	Upper
83	100		
131	9.0	4.5	13.4
85	64.7	31.7	95.1

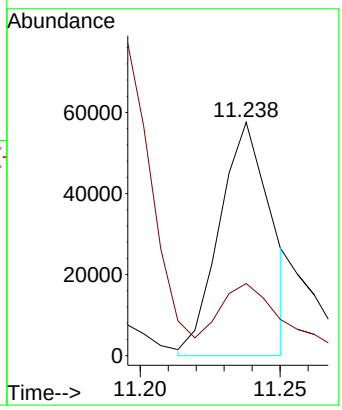




#76
1,2,3-Trichloropropane
Concen: 50.974 ug/l m
RT: 11.238 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 75 Resp: 7320

Ion	Ratio	Lower	Upper
75	100		
77	40.0	20.7	62.1



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

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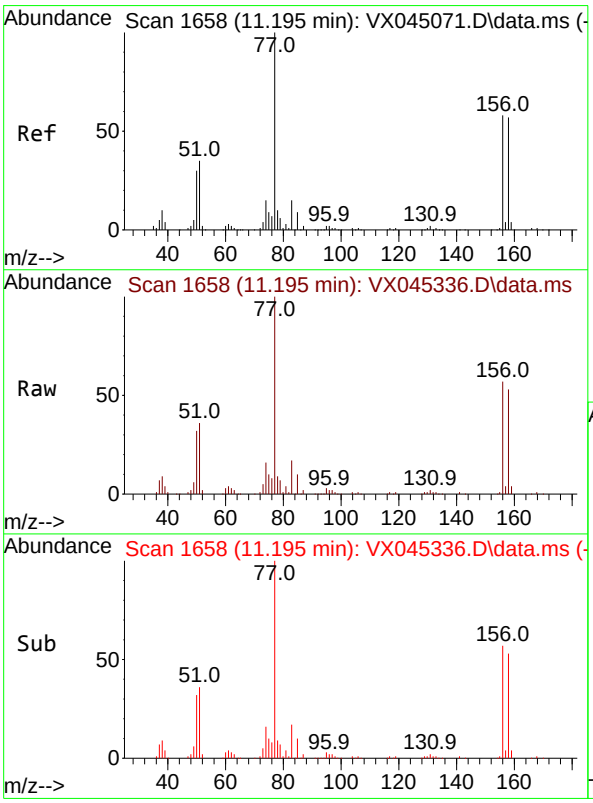
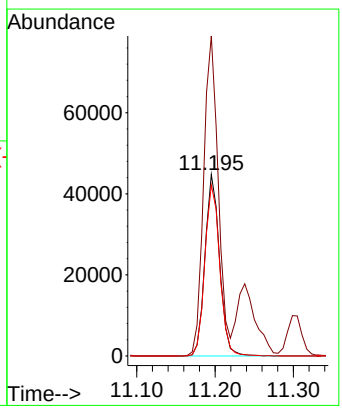
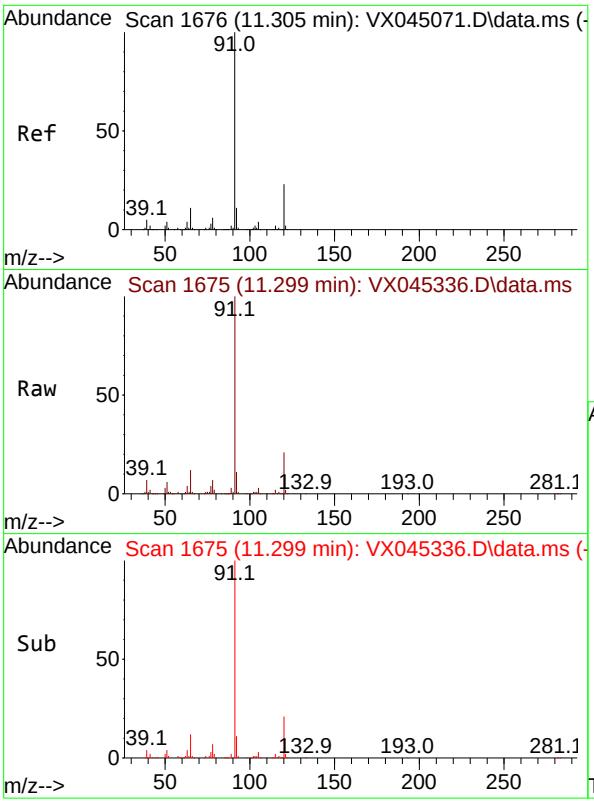


#77
Bromobenzene
Concen: 50.684 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion:156 Resp: 57595

Ion	Ratio	Lower	Upper
156	100		
77	177.0	85.8	257.4
158	96.5	48.4	145.2





#78
n-propylbenzene
Concen: 53.248 ug/l
RT: 11.299 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 91 Resp: 28970

Ion	Ratio	Lower	Upper
91	100		
120	21.9	11.2	33.6

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

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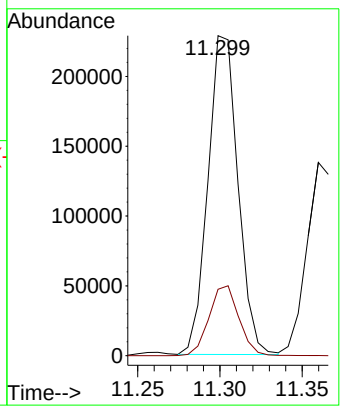
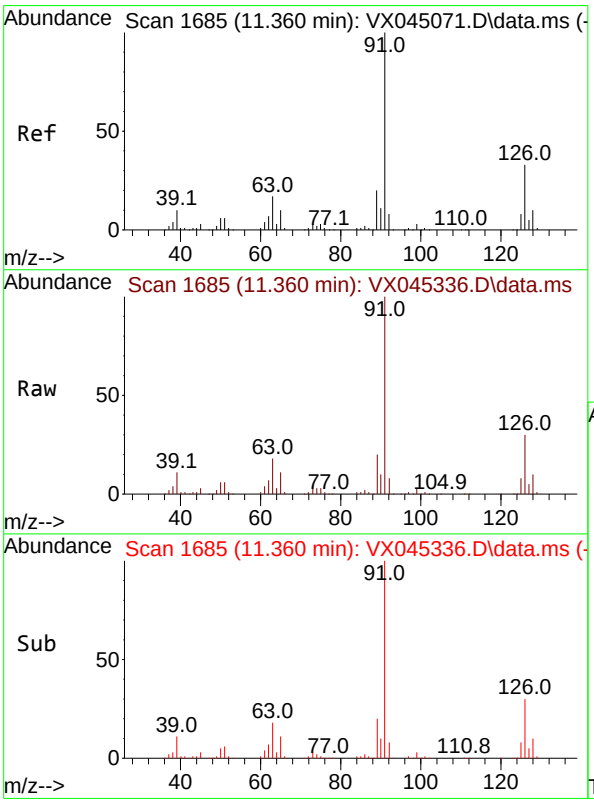
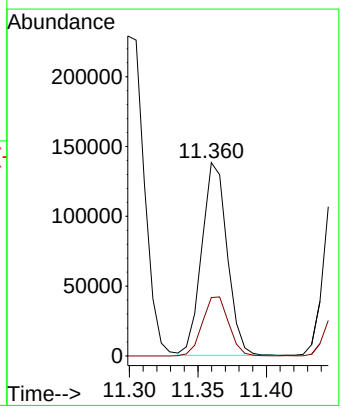


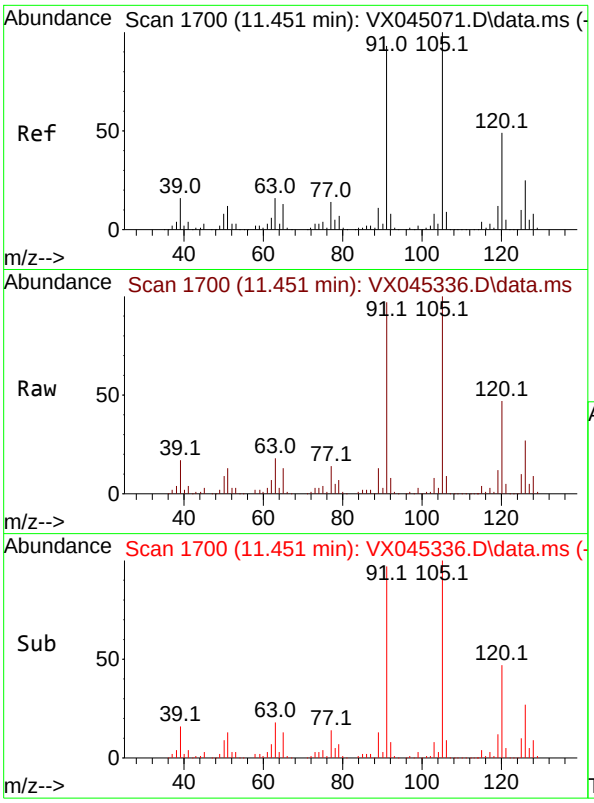


#79
2-Chlorotoluene
Concen: 51.321 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 91 Resp: 177824

Ion	Ratio	Lower	Upper
91	100		
126	31.8	16.4	49.4

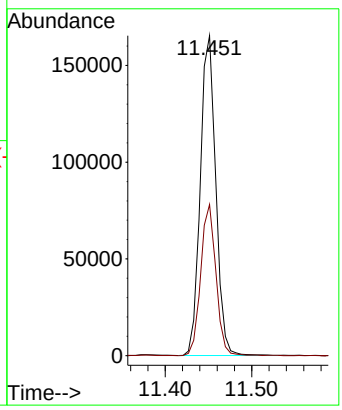




#80
1,3,5-Trimethylbenzene
Concen: 52.722 ug/l
RT: 11.451 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion:105 Resp: 20531

Ion	Ratio	Lower	Upper
105	100		
120	46.6	24.1	72.2



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

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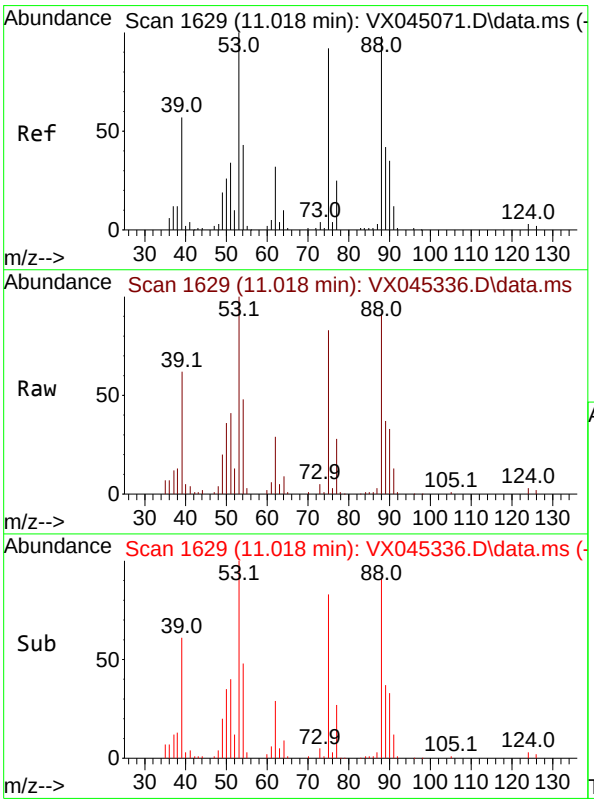
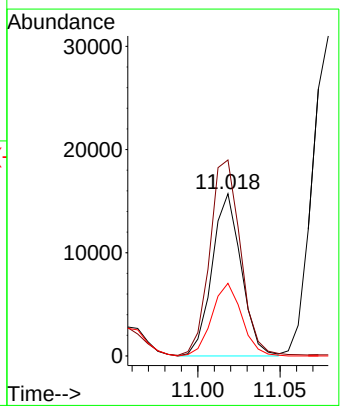
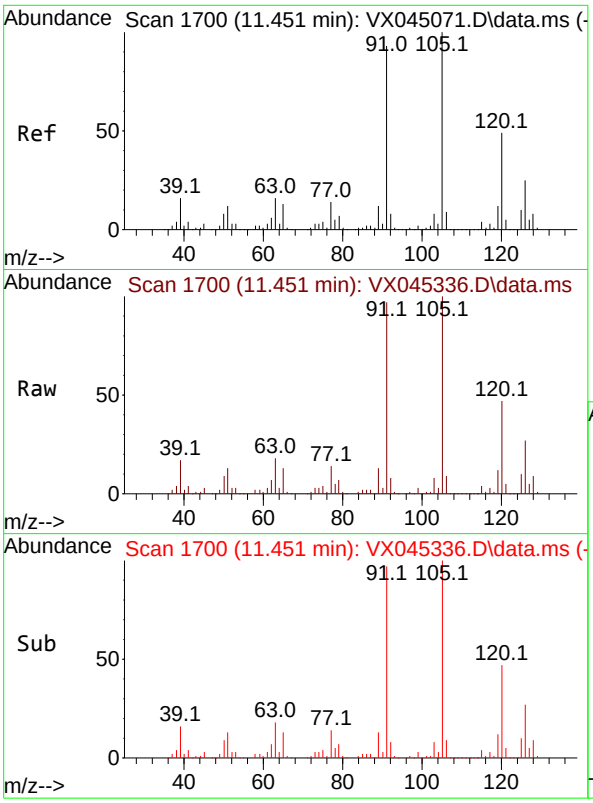


#81
trans-1,4-Dichloro-2-butene
Concen: 46.336 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 75 Resp: 19446

Ion	Ratio	Lower	Upper
75	100		
53	128.3	88.5	132.7
89	45.7	36.2	54.4

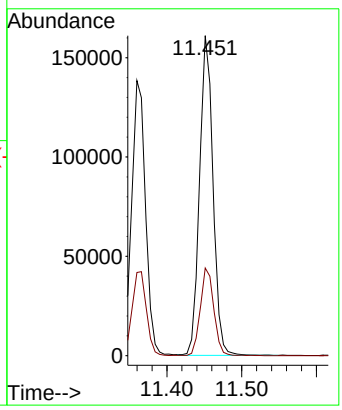




#82
4-Chlorotoluene
Concen: 53.290 ug/l
RT: 11.451 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 91 Resp: 20124

Ion	Ratio	Lower	Upper
91	100		
126	27.5	14.1	42.4



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

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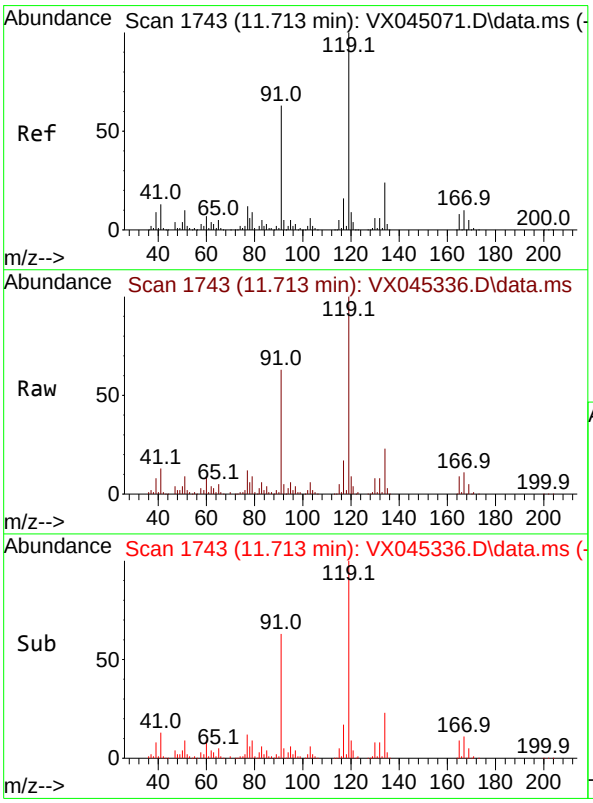
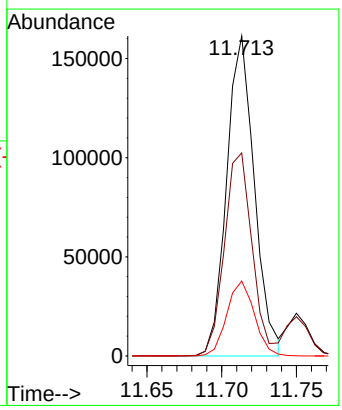
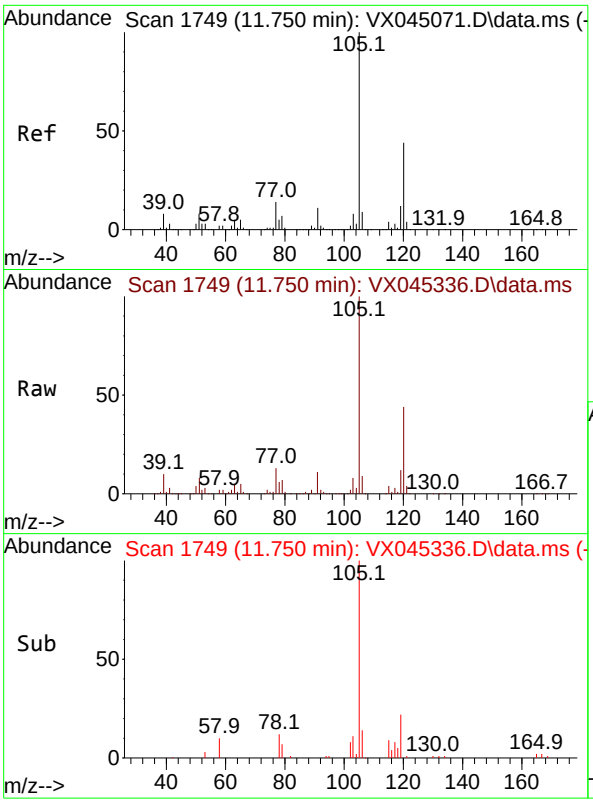


#83
tert-Butylbenzene
Concen: 52.018 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion:119 Resp: 208141

Ion	Ratio	Lower	Upper
119	100		
91	62.9	30.7	92.1
134	23.2	11.7	35.0

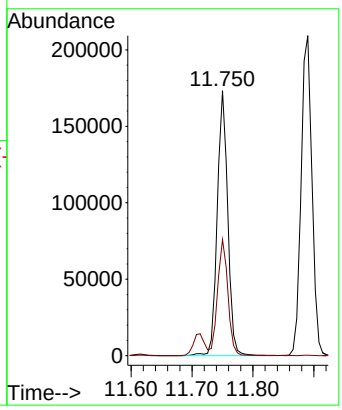




#84
1,2,4-Trimethylbenzene
Concen: 52.888 ug/l
RT: 11.750 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion:105 Resp: 20723

Ion	Ratio	Lower	Upper
105	100		
120	43.2	22.1	66.1



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

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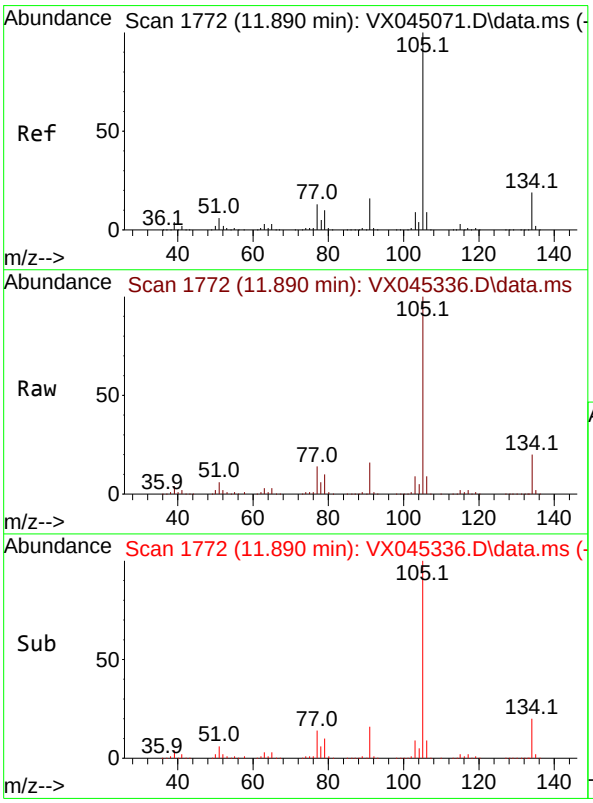
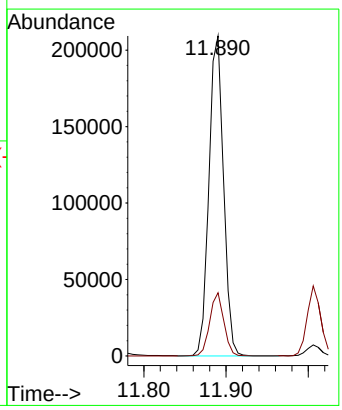
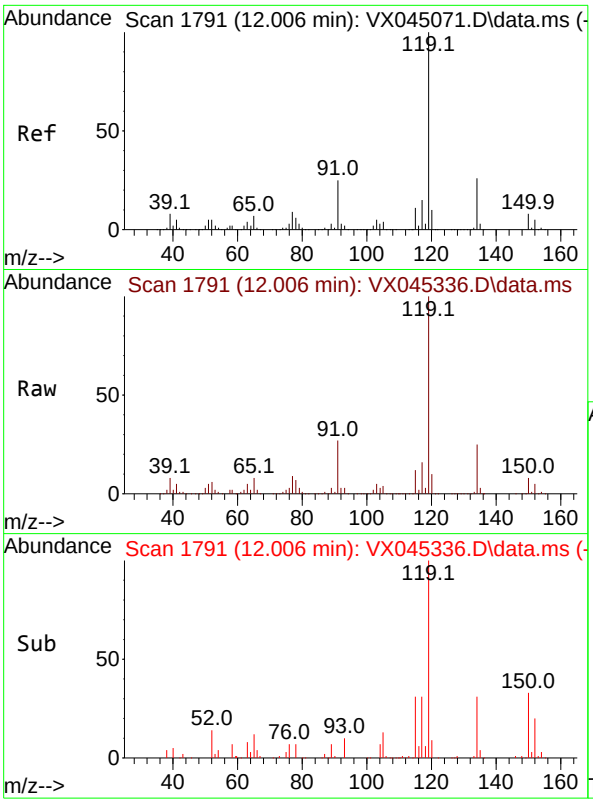


#85
sec-Butylbenzene
Concen: 53.941 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion:105 Resp: 258541

Ion	Ratio	Lower	Upper
105	100		
134	19.1	9.8	29.4





#86
p-Isopropyltoluene
Concen: 53.880 ug/l
RT: 12.006 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion:119 Resp: 20870

Ion	Ratio	Lower	Upper
119	100		
134	25.3	12.9	38.6
91	26.0	12.7	38.0

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Manual Integrations
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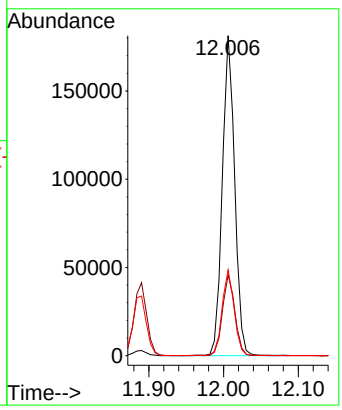
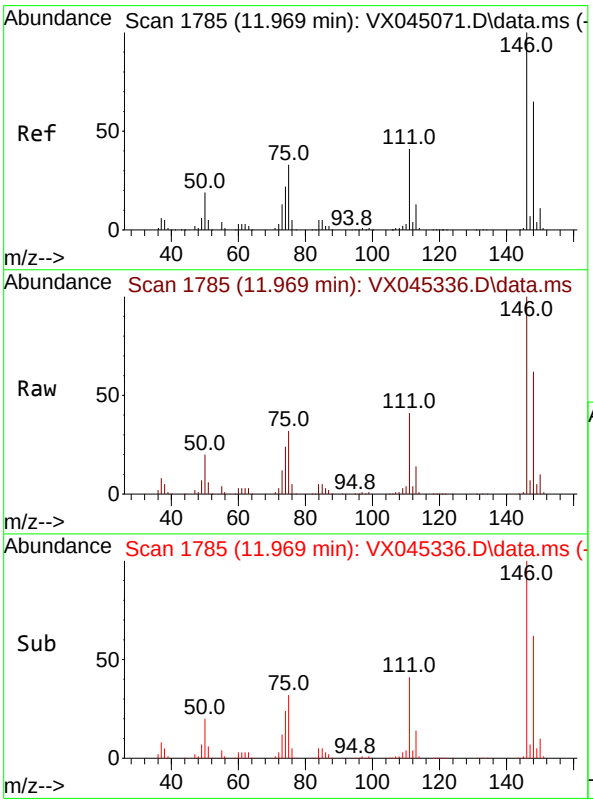
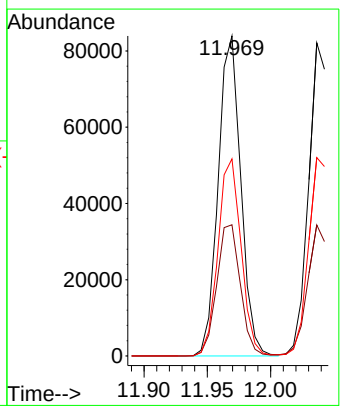


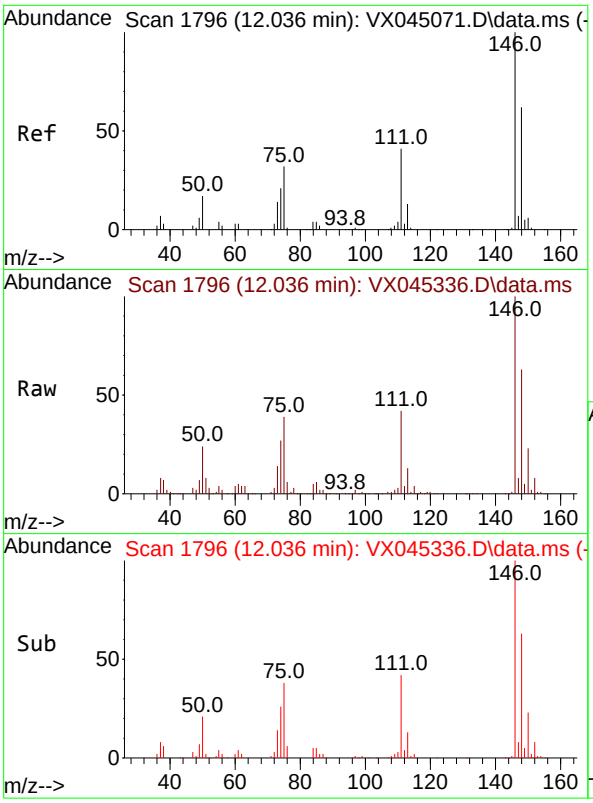


#87
1,3-Dichlorobenzene
Concen: 51.472 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion:146 Resp: 104344

Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.1	63.4
148	62.8	31.9	95.7

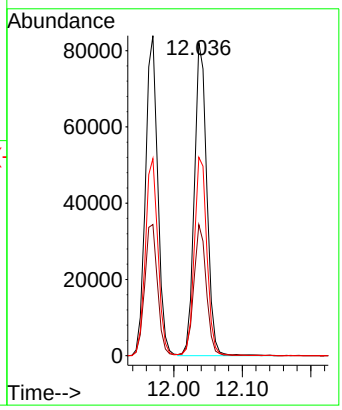




#88
1,4-Dichlorobenzene
Concen: 50.777 ug/l
RT: 12.036 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion:146 Resp: 10414

Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.2	60.5
148	63.6	31.9	95.9



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Manual Integrations
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Reviewed By :John Carlone 03/19/2025
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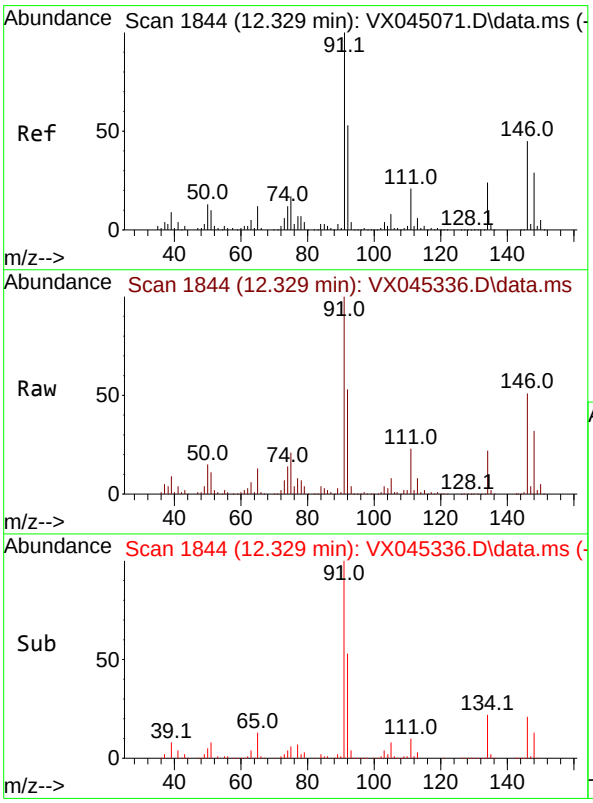
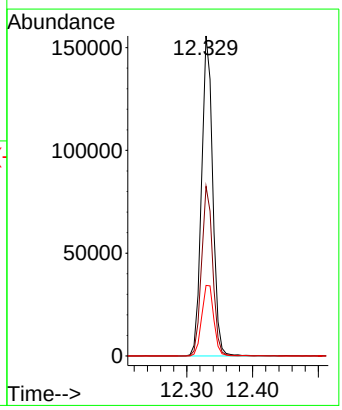
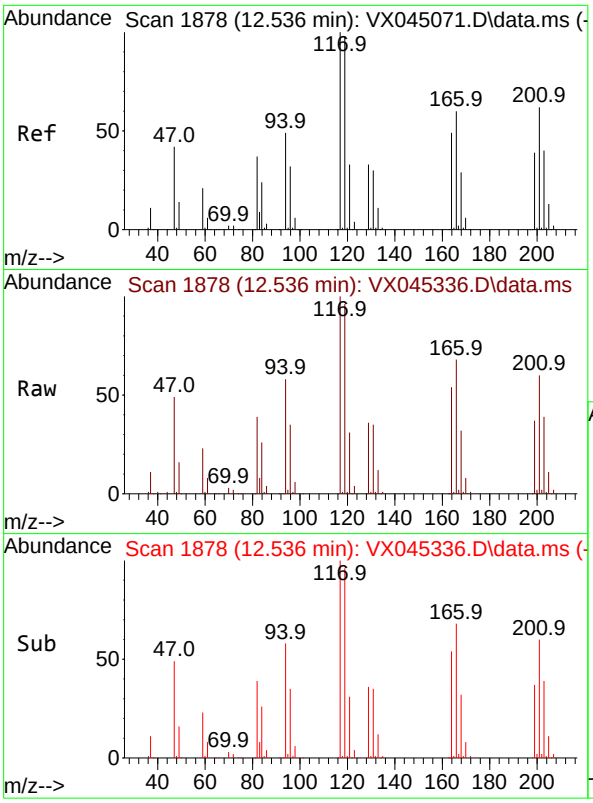


#89
n-Butylbenzene
Concen: 55.189 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 91 Resp: 184116

Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.7	80.0
134	23.7	12.2	36.6

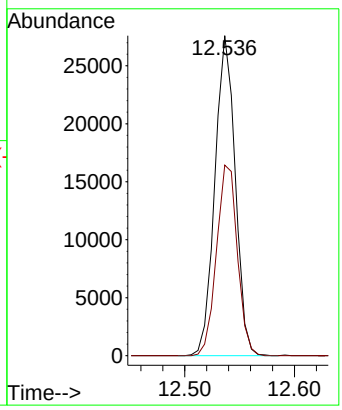




#90
Hexachloroethane
Concen: 50.872 ug/l
RT: 12.536 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion:117 Resp: 3564

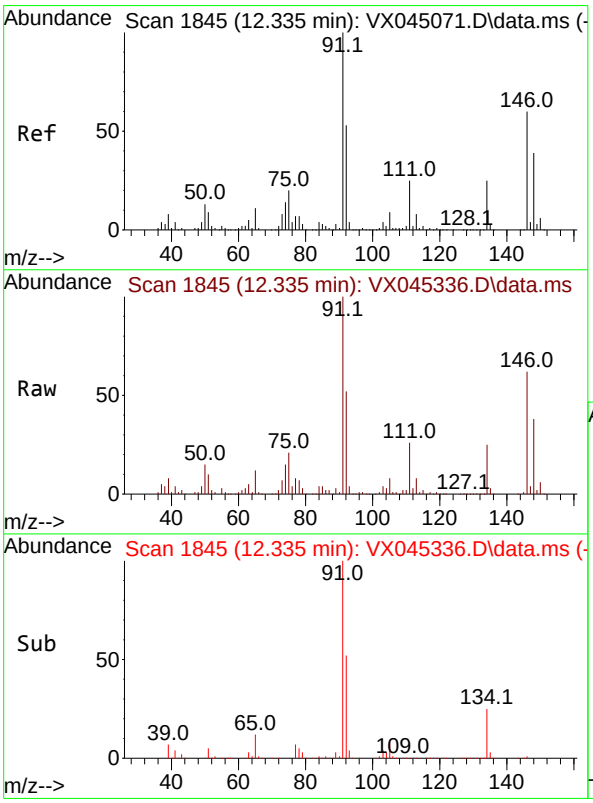
Ion	Ratio	Lower	Upper
117	100		
201	61.1	31.9	95.9



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Manual Integrations
APPROVED

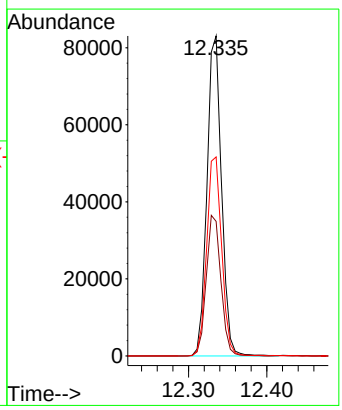
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

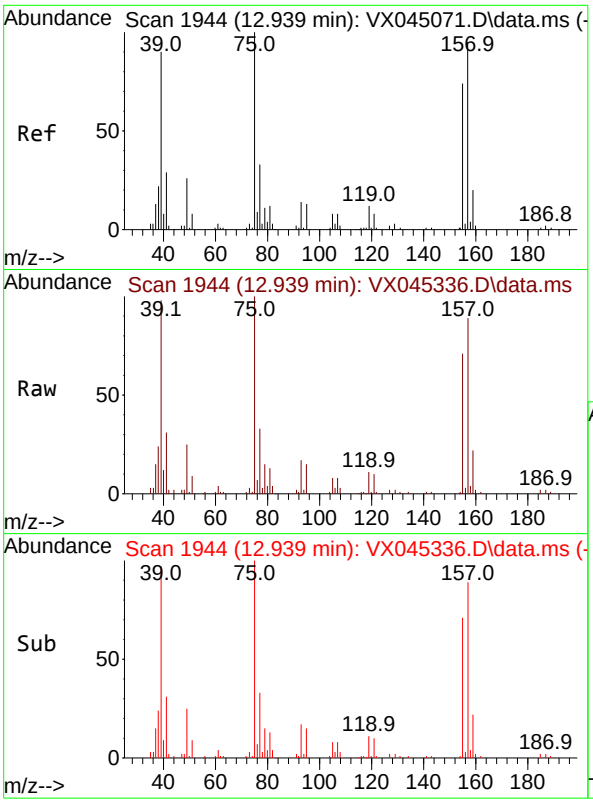


#91
1,2-Dichlorobenzene
Concen: 52.507 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion:146 Resp: 106776

Ion	Ratio	Lower	Upper
146	100		
111	44.3	21.6	65.0
148	64.1	31.9	95.9





#92
1,2-Dibromo-3-Chloropropane
Concen: 52.628 ug/l
RT: 12.939 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

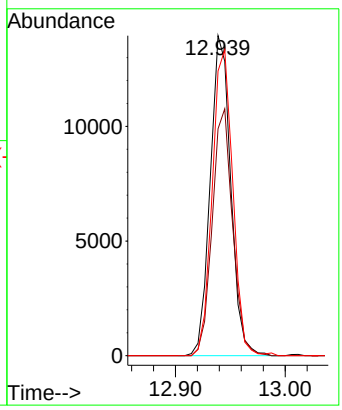
Tgt Ion: 75 Resp: 1812

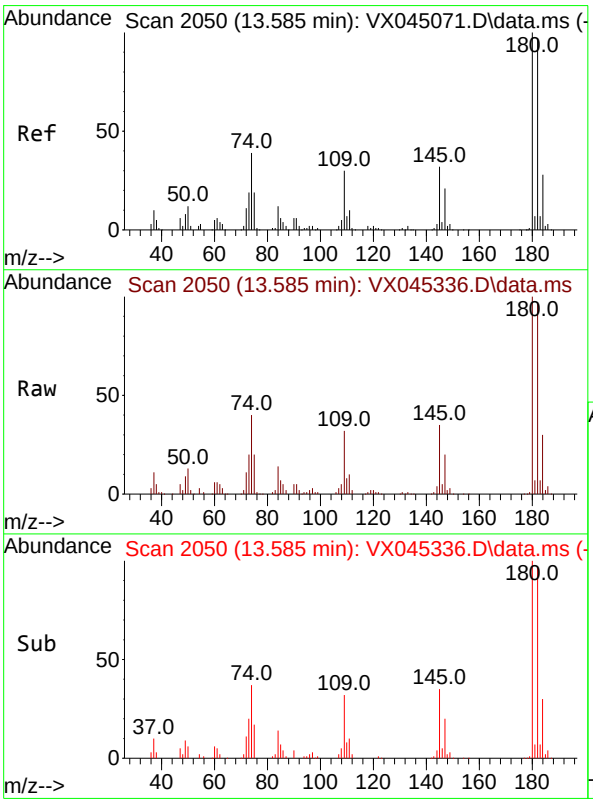
Ion	Ratio	Lower	Upper
75	100		
155	76.7	39.6	118.7
157	95.8	51.1	153.4

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

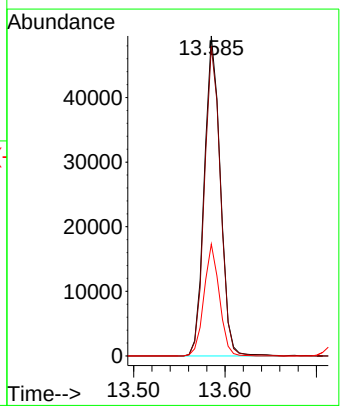


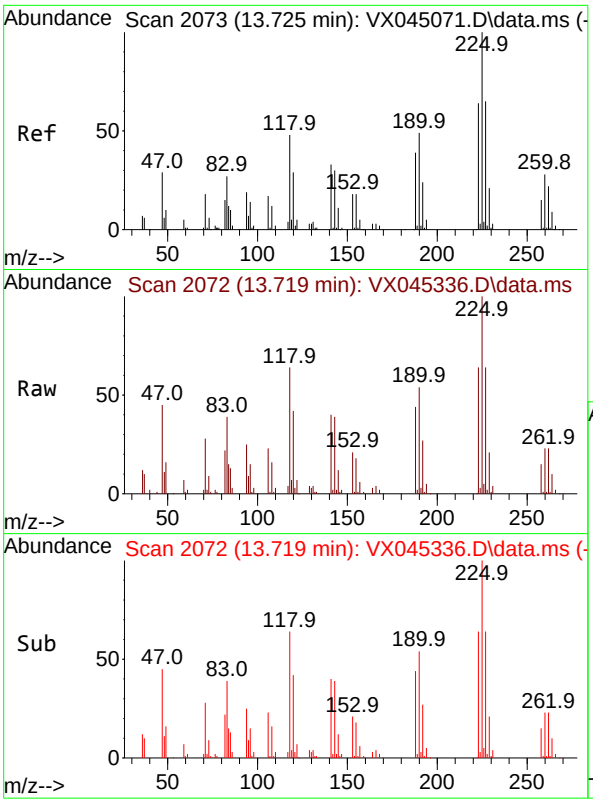


#93
1,2,4-Trichlorobenzene
Concen: 52.051 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion:180 Resp: 60271

Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.3	141.9
145	33.4	16.3	48.9

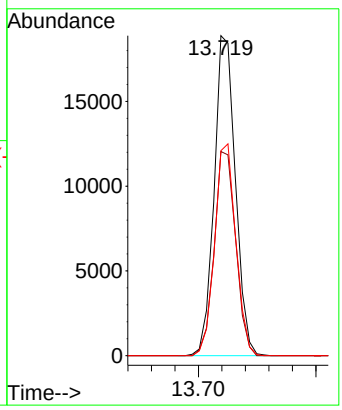




#94
Hexachlorobutadiene
Concen: 49.997 ug/l
RT: 13.719 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion:225 Resp: 2373

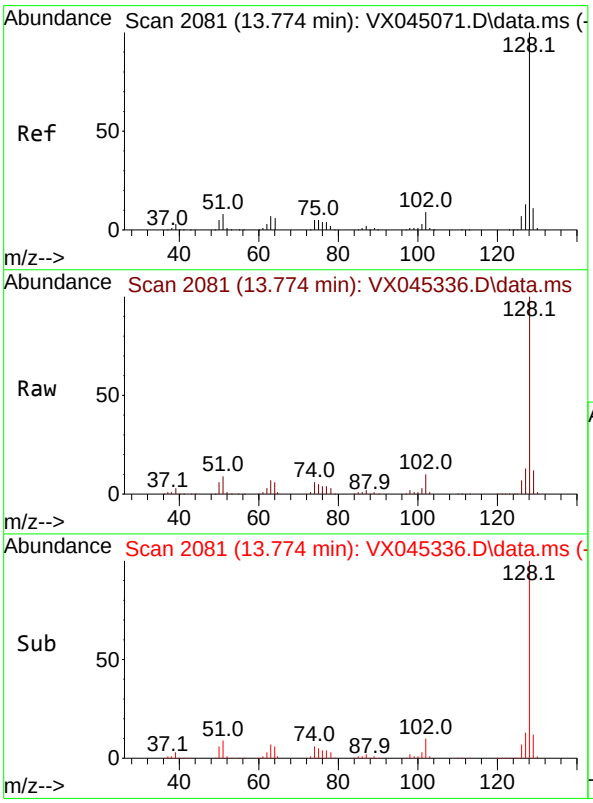
Ion	Ratio	Lower	Upper
225	100		
223	64.4	31.9	95.7
227	65.9	31.4	94.0



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Manual Integrations
APPROVED

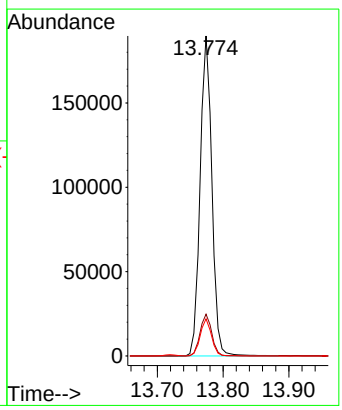
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

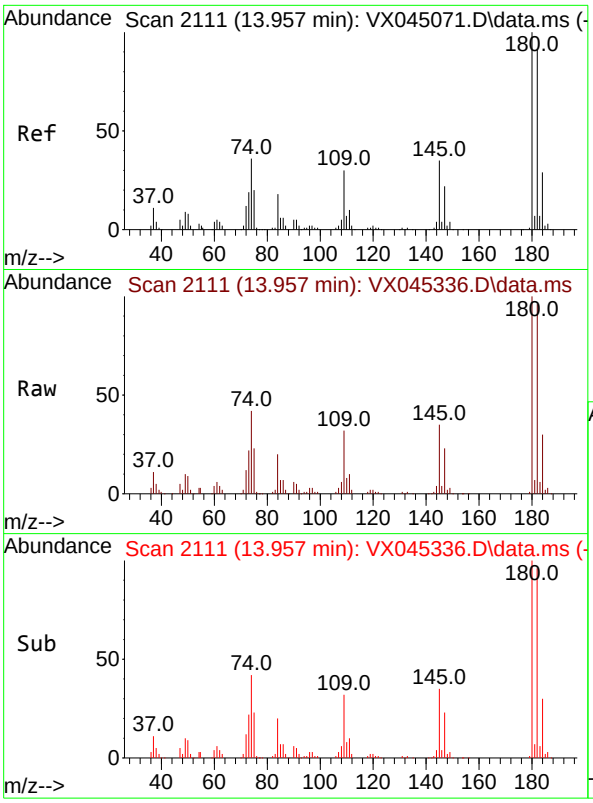


#95
Naphthalene
Concen: 52.868 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion:128 Resp: 235203

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	11.1	8.7	13.1

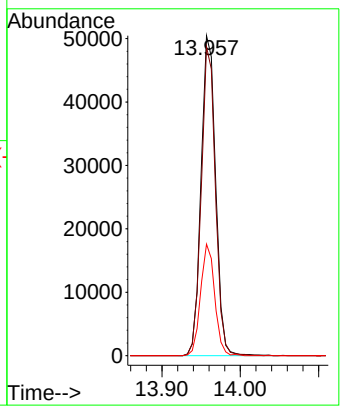




#96
1,2,3-Trichlorobenzene
Concen: 53.329 ug/l
RT: 13.957 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion:180 Resp: 6514

Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.5	142.6
145	33.8	17.0	50.9



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

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:	03/12/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	03/12/25
Client Sample ID:	BPOW6-9-20250312MSD	SDG No.:	Q1557
Lab Sample ID:	Q1557-05MSD	Matrix:	Water
Analytical Method:	SW8260	% 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
VX045337.D	1		03/18/25 19:53	VX031825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	50.0		0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	48.5		0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	43.8		0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	50.0		1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	52.2		0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	50.3		0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	55.8		0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	50.9		0.23	0.75	1.00	ug/L
67-64-1	Acetone	270		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	41.6		0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	54.8		0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	60.7		0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	51.9		0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	51.7		0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	54.1		0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	51.7		1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	280		0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	54.6		0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	53.6		0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	52.7		0.22	0.50	1.00	ug/L
67-66-3	Chloroform	55.5		0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	56.1		0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	53.9		0.16	0.50	1.00	ug/L
71-43-2	Benzene	52.4		0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	57.5		0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	52.0		0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	52.3		0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	56.6		0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	290		0.68	2.50	5.00	ug/L
108-88-3	Toluene	54.9		0.14	0.50	1.00	ug/L

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Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	03/12/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	03/12/25
Client Sample ID:	BPOW6-9-20250312MSD	SDG No.:	Q1557
Lab Sample ID:	Q1557-05MSD	Matrix:	Water
Analytical Method:	SW8260	% 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
VX045337.D	1		03/18/25 19:53	VX031825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	55.6		0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	55.0		0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	55.6		0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	300		0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	57.3		0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	55.5		0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	50.7		0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	53.7		0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	54.9		0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	110		0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	54.2		0.12	0.50	1.00	ug/L
100-42-5	Styrene	57.4		0.15	0.50	1.00	ug/L
75-25-2	Bromoform	56.3		0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	54.1		0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	53.2		0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	54.2		0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	53.1		0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	54.2		0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	56.0		0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	55.3		0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	54.0		0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	52.2		81 - 118		104%	SPK: 50
1868-53-7	Dibromofluoromethane	49.6		80 - 119		99%	SPK: 50
2037-26-5	Toluene-d8	48.6		89 - 112		97%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.2		85 - 114		108%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	82100	5.55				
540-36-3	1,4-Difluorobenzene	149000	6.757				
3114-55-4	Chlorobenzene-d5	133000	10.049				
3855-82-1	1,4-Dichlorobenzene-d4	61200	12.018				

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Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	03/12/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	03/12/25
Client Sample ID:	BPOW6-9-20250312MSD	SDG No.:	Q1557
Lab Sample ID:	Q1557-05MSD	Matrix:	Water
Analytical Method:	SW8260	% 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
VX045337.D	1		03/18/25 19:53	VX031825

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\VX031825\
Data File : VX045337.D
Acq On : 18 Mar 2025 19:53
Operator : JC/MD
Sample : Q1557-05MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Mar 19 01:51:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

Manual Integrations APPROVED
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	82090	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	149330	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	133072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	61175	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	68106	52.158	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.320%			
35) Dibromofluoromethane	5.385	113	49510	49.583	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.160%			
50) Toluene-d8	8.647	98	175987	48.615	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.220%			
62) 4-Bromofluorobenzene	11.079	95	65049	54.227	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.460%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	51641	49.976	ug/l	98
3) Chloromethane	1.306	50	61294	48.471	ug/l	97
4) Vinyl Chloride	1.374	62	54906	43.768	ug/l	94
5) Bromomethane	1.593	94	24634	49.953	ug/l	100
6) Chloroethane	1.666	64	30223	52.232	ug/l	90
7) Trichlorofluoromethane	1.873	101	83506	50.284	ug/l	98
8) Diethyl Ether	2.130	74	30844	47.485	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.318	101	53242	55.804	ug/l	99
10) Methyl Iodide	2.447	142	65743	55.139	ug/l	96
11) Tert butyl alcohol	2.983	59	57445	232.259	ug/l	98
12) 1,1-Dichloroethene	2.306	96	51335	50.892	ug/l	98
13) Acrolein	2.233	56	72115	252.231	ug/l	99
14) Allyl chloride	2.654	41	96884	53.958	ug/l	96
15) Acrylonitrile	3.062	53	175331	264.499	ug/l	98
16) Acetone	2.386	43	161021	265.784	ug/l	98
17) Carbon Disulfide	2.501	76	111635	41.552	ug/l	99
18) Methyl Acetate	2.703	43	88530	60.744	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	185592	54.840	ug/l	98
20) Methylene Chloride	2.782	84	62308	51.920	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	51485	51.664	ug/l	98
22) Diisopropyl ether	3.763	45	201474	55.172	ug/l	98
23) Vinyl Acetate	3.721	43	741154	243.210	ug/l	100
24) 1,1-Dichloroethane	3.605	63	110642	54.063	ug/l	100
25) 2-Butanone	4.556	43	251080	275.329	ug/l	100
26) 2,2-Dichloropropane	4.471	77	55408	57.721	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	65964	53.621	ug/l	95
28) Bromochloromethane	4.891	49	51390	52.682	ug/l	99
29) Tetrahydrofuran	5.001	42	158936	259.527	ug/l	100
30) Chloroform	5.086	83	112815	55.479	ug/l	100
31) Cyclohexane	5.458	56	91899	51.730	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	92066	56.057	ug/l	98
36) 1,1-Dichloropropene	5.684	75	72442	52.901	ug/l	99
37) Ethyl Acetate	4.714	43	82487	46.747	ug/l	99
38) Carbon Tetrachloride	5.672	117	75879	54.579	ug/l	96
39) Methylcyclohexane	7.372	83	88435	53.896	ug/l	97
40) Benzene	6.031	78	226668	52.418	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045337.D
Acq On : 18 Mar 2025 19:53
Operator : JC/MD
Sample : Q1557-05MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Mar 19 01:51:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

Manual Integrations APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.916	41	55910	58.599	ug/l		98
42) 1,2-Dichloroethane	6.080	62	89507	57.481	ug/l		98
43) Isopropyl Acetate	6.342	43	136780	52.421	ug/l		100
44) Trichloroethene	7.122	130	52769	51.971	ug/l		100
45) 1,2-Dichloropropane	7.427	63	58104	52.261	ug/l		96
46) Dibromomethane	7.574	93	44118	56.142	ug/l		97
47) Bromodichloromethane	7.817	83	87240	56.598	ug/l		98
48) Methyl methacrylate	7.689	41	75237	57.475	ug/l		95
49) 1,4-Dioxane	7.659	88	28589	1035.355	ug/l		95
51) 4-Methyl-2-Pentanone	8.573	43	511560	291.992	ug/l		99
52) Toluene	8.714	92	139292	54.902	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	71703	55.644	ug/l		98
54) cis-1,3-Dichloropropene	8.360	75	82711	55.044	ug/l		92
55) 1,1,2-Trichloroethane	9.147	97	58031	55.561	ug/l		99
56) Ethyl methacrylate	9.116	69	94223	59.348	ug/l		95
57) 1,3-Dichloropropane	9.305	76	99400	54.993	ug/l		98
59) 2-Hexanone	9.427	43	379792	299.196	ug/l		98
60) Dibromochloromethane	9.518	129	62615	57.336	ug/l		99
61) 1,2-Dibromoethane	9.610	107	57882	55.513	ug/l		100
64) Tetrachloroethene	9.268	164	43215	50.706	ug/l		98
65) Chlorobenzene	10.079	112	151190	53.694	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.159	131	50801	54.175	ug/l		97
67) Ethyl Benzene	10.189	91	269251	54.878	ug/l		98
68) m/p-Xylenes	10.299	106	195714	108.967	ug/l		96
69) o-Xylene	10.640	106	98268	54.248	ug/l		98
70) Styrene	10.652	104	168327	57.429	ug/l		98
71) Bromoform	10.799	173	39843	56.346	ug/l	#	98
73) Isopropylbenzene	10.957	105	258465	54.130	ug/l		99
74) N-amyl acetate	10.841	43	115398	51.505	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.207	83	93136	53.154	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	77413m	54.369	ug/l		
77) Bromobenzene	11.195	156	59686	52.979	ug/l		95
78) n-propylbenzene	11.299	91	304493	56.452	ug/l		98
79) 2-Chlorotoluene	11.360	91	185955	54.133	ug/l		98
80) 1,3,5-Trimethylbenzene	11.451	105	214628	55.591	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.018	75	20554	49.401	ug/l		89
82) 4-Chlorotoluene	11.451	91	210296	56.171	ug/l		99
83) tert-Butylbenzene	11.713	119	219782	55.404	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	219375	56.470	ug/l		98
85) sec-Butylbenzene	11.890	105	273035	57.458	ug/l		99
86) p-Isopropyltoluene	12.006	119	220610	57.448	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	108987	54.228	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	107910	53.071	ug/l		99
89) n-Butylbenzene	12.329	91	195767	59.190	ug/l		99
90) Hexachloroethane	12.536	117	38017	54.732	ug/l		96
91) 1,2-Dichlorobenzene	12.335	146	109371	54.249	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	19112	55.988	ug/l		94
93) 1,2,4-Trichlorobenzene	13.585	180	63523	55.334	ug/l		100
94) Hexachlorobutadiene	13.725	225	25805	54.828	ug/l		99
95) Naphthalene	13.774	128	244582	55.453	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	65428	54.025	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045337.D
Acq On : 18 Mar 2025 19:53
Operator : JC/MD
Sample : Q1557-05MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Mar 19 01:51:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

Manual Integrations APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

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\VX031825\
Data File : VX045337.D
Acq On : 18 Mar 2025 19:53
Operator : JC/MD
Sample : Q1557-05MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Mar 19 01:51:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
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Instrument :
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ClientSampleId :
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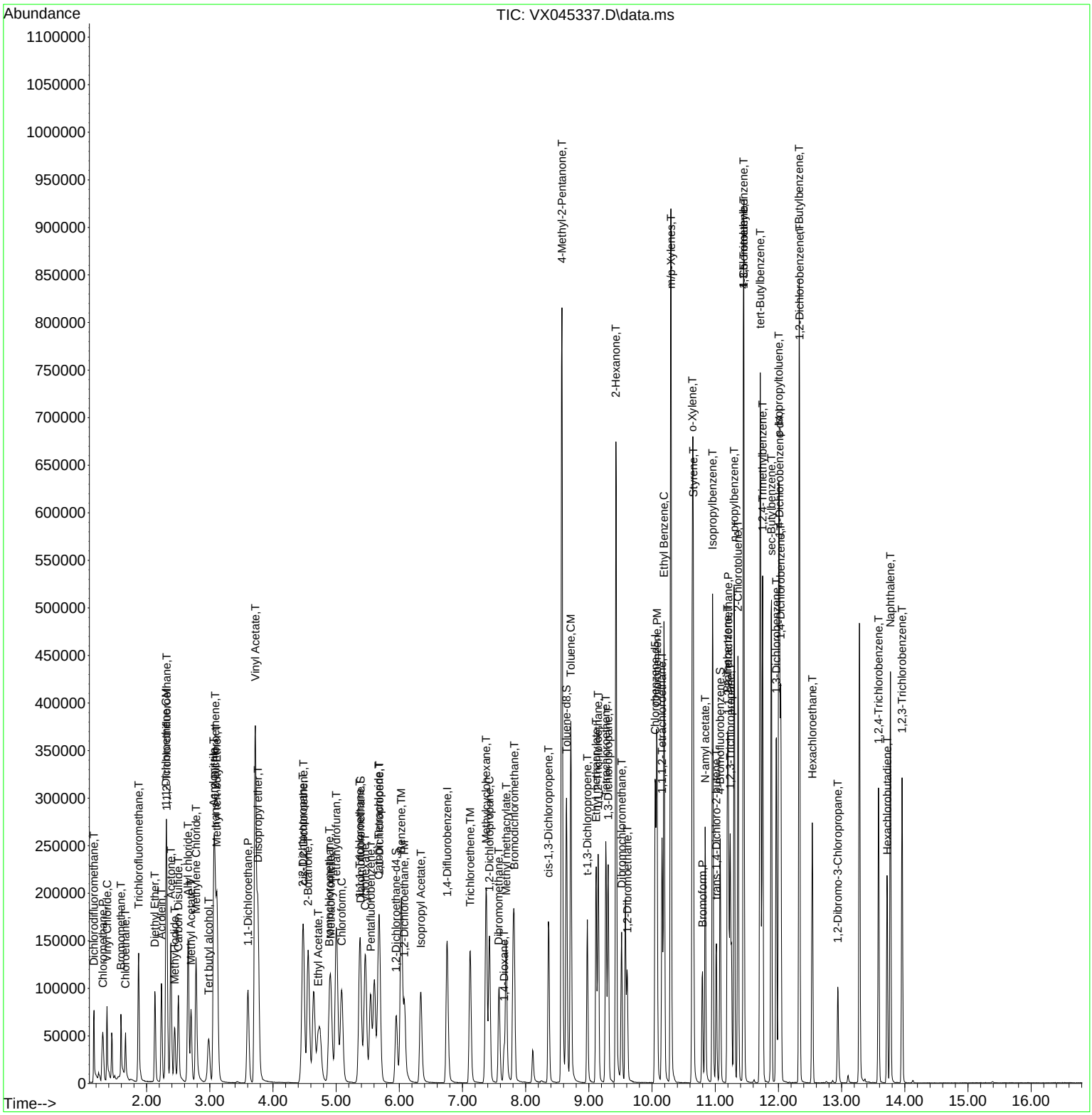
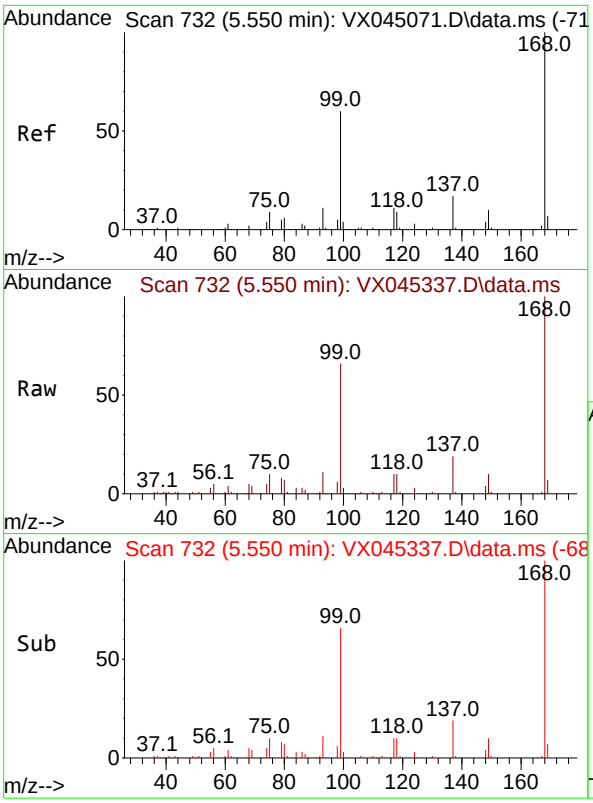
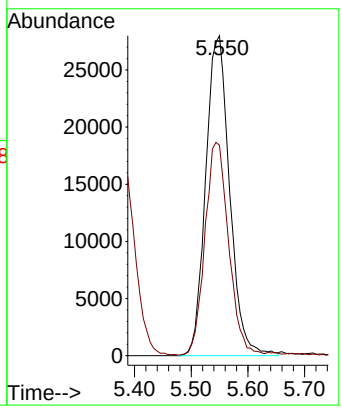




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion:168 Resp: 8209

Ion	Ratio	Lower	Upper
168	100		
99	65.5	48.2	72.4



Instrument :
MSVOA_X
ClientSampleId :
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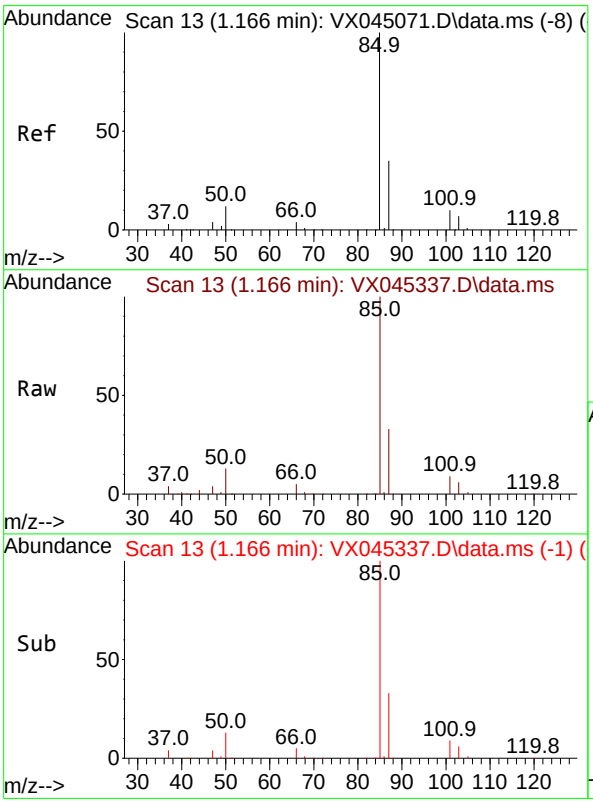
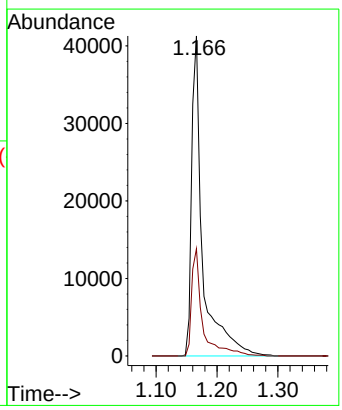
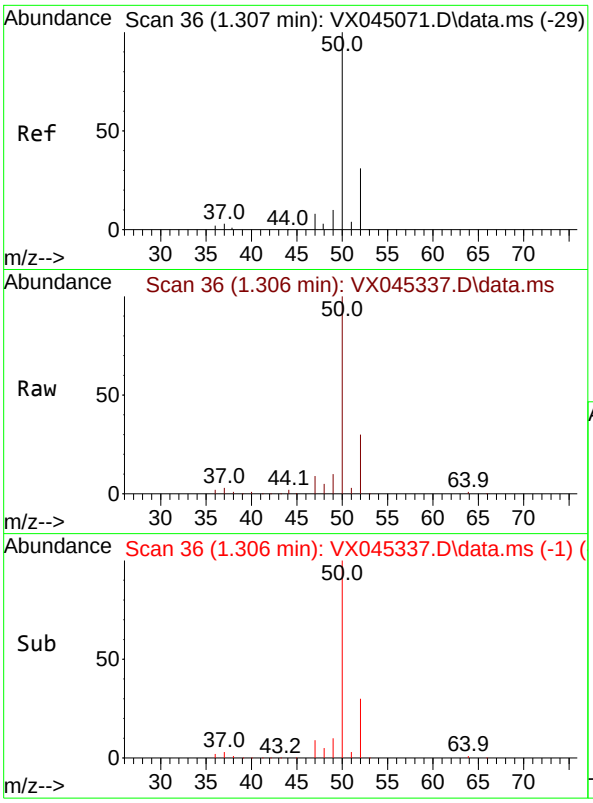


#2
Dichlorodifluoromethane
Concen: 49.976 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 85 Resp: 51641

Ion	Ratio	Lower	Upper
85	100		
87	33.5	17.4	52.3

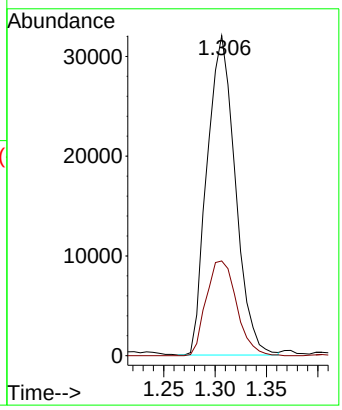




#3
Chloromethane
Concen: 48.471 ug/l
RT: 1.306 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 50 Resp: 6129

Ion	Ratio	Lower	Upper
50	100		
52	29.7	25.0	37.4



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

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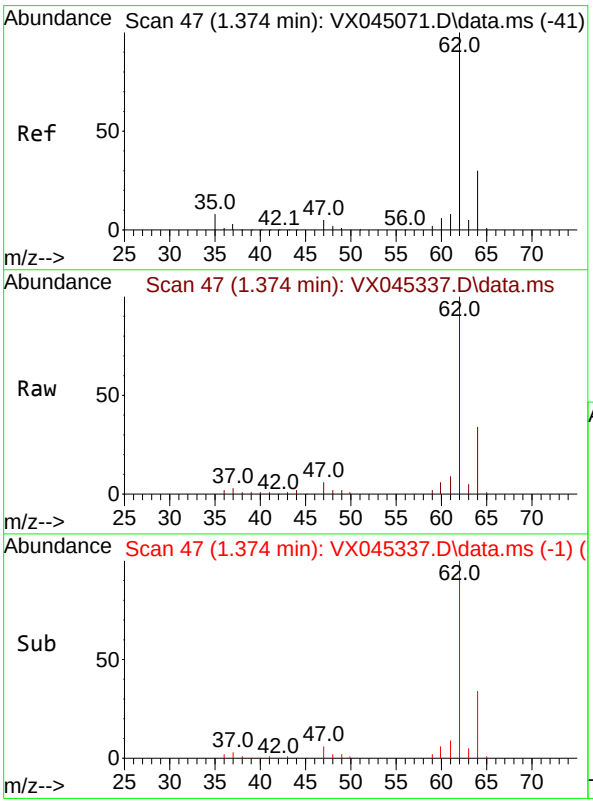
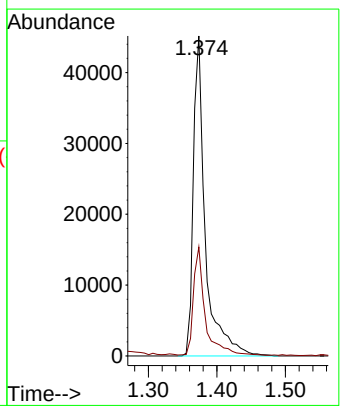
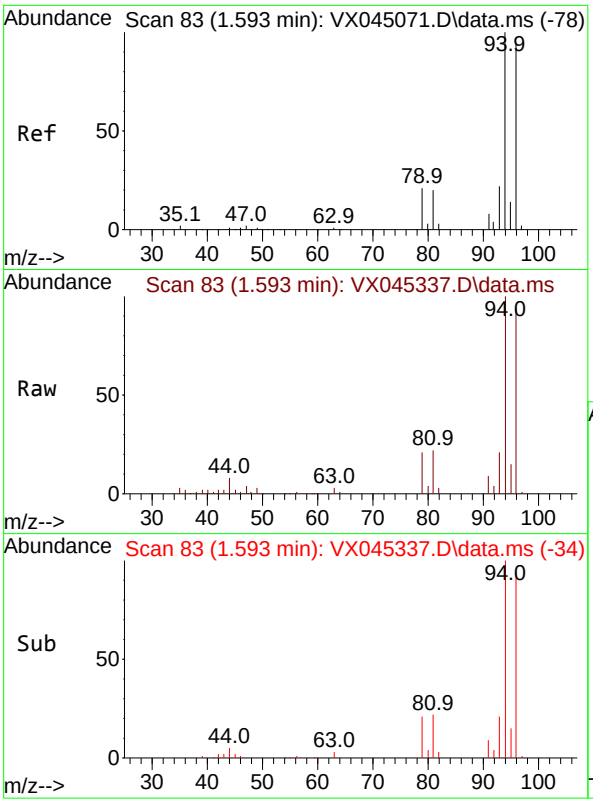


#4
Vinyl Chloride
Concen: 43.768 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 62 Resp: 54906

Ion	Ratio	Lower	Upper
62	100		
64	33.9	24.3	36.5

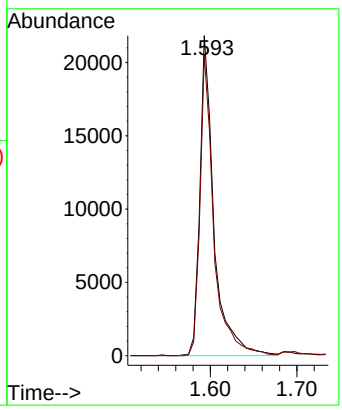




#5
Bromomethane
Concen: 49.953 ug/l
RT: 1.593 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 94 Resp: 2463

Ion	Ratio	Lower	Upper
94	100		
96	94.0	75.0	112.4



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

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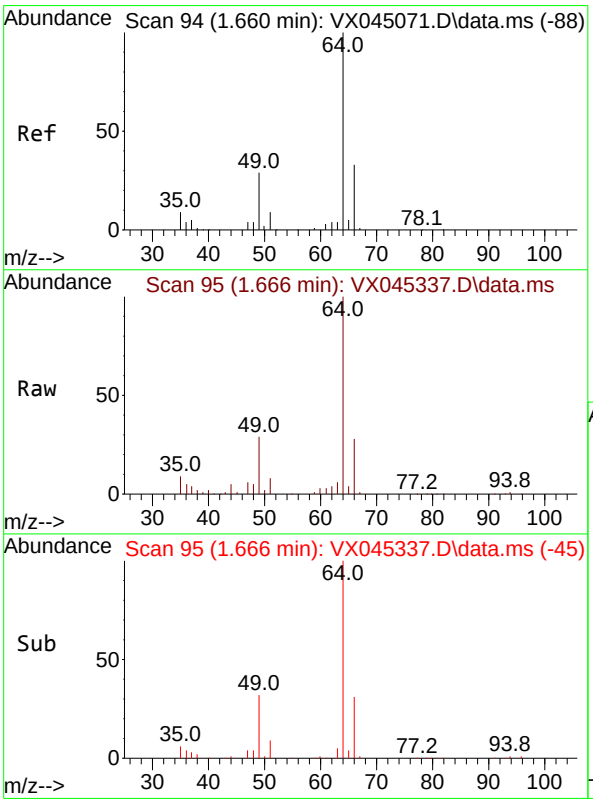
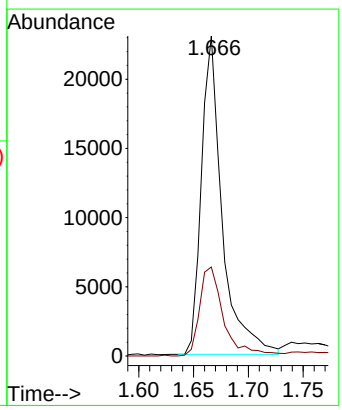
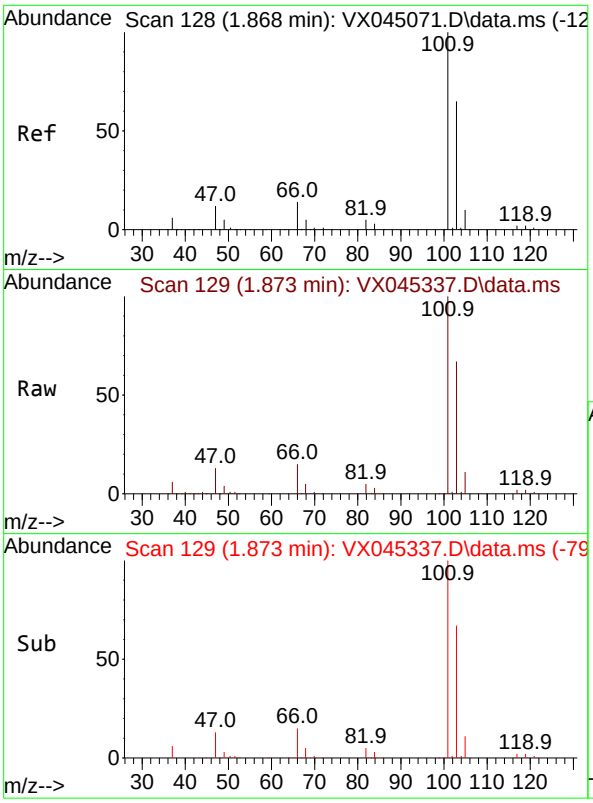


#6
Chloroethane
Concen: 52.232 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 64 Resp: 30223

Ion	Ratio	Lower	Upper
64	100		
66	27.9	26.7	40.1

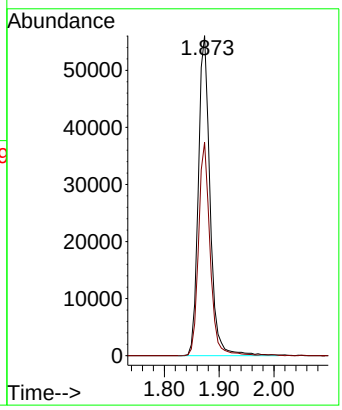




#7
Trichlorofluoromethane
Concen: 50.284 ug/l
RT: 1.873 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion:101 Resp: 8350

Ion	Ratio	Lower	Upper
101	100		
103	66.7	52.1	78.1



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

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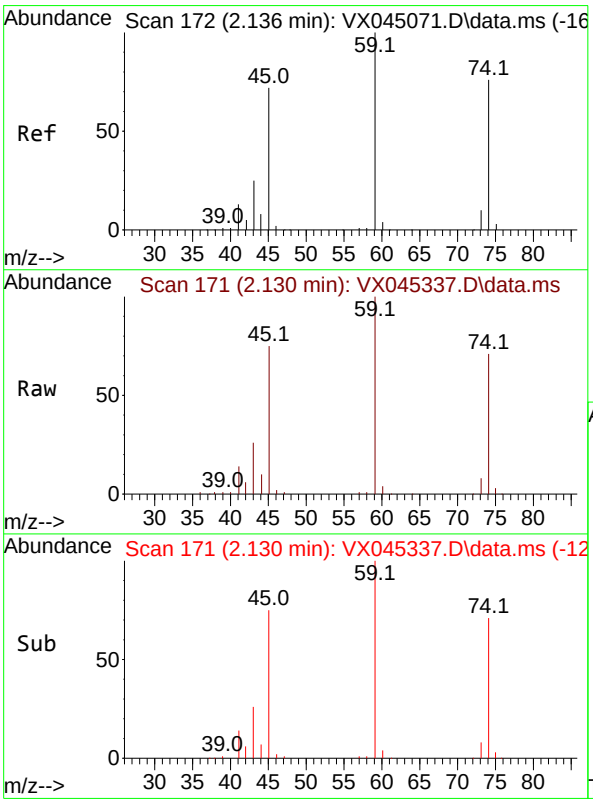
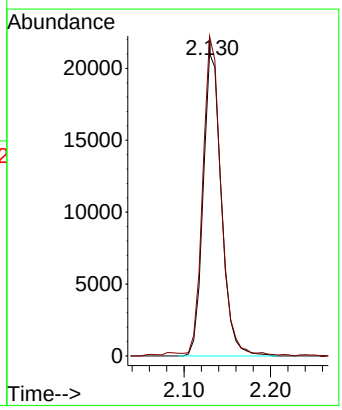
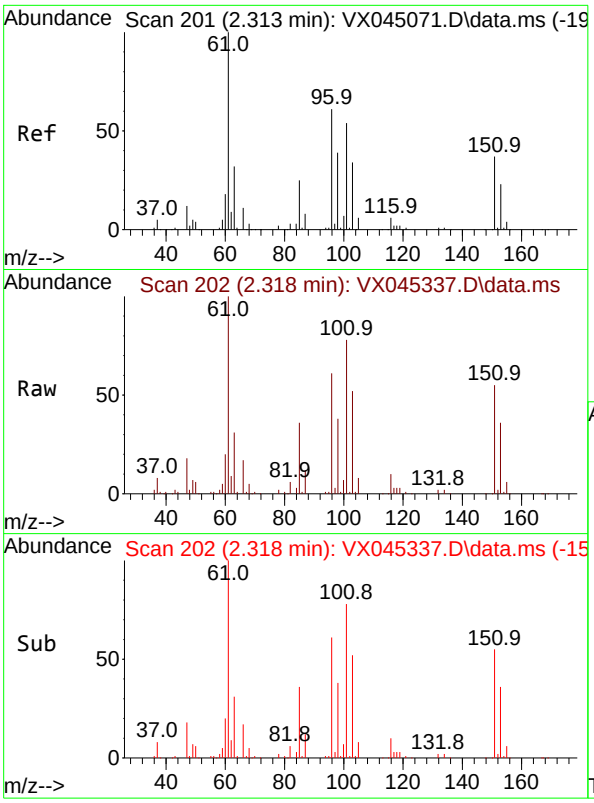


#8
Diethyl Ether
Concen: 47.485 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 74 Resp: 30844

Ion	Ratio	Lower	Upper
74	100		
45	106.0	51.5	154.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.804 ug/l
RT: 2.318 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion:101 Resp: 5324

Ion	Ratio	Lower	Upper
101	100		
85	46.1	36.2	54.4
151	70.3	56.4	84.6

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

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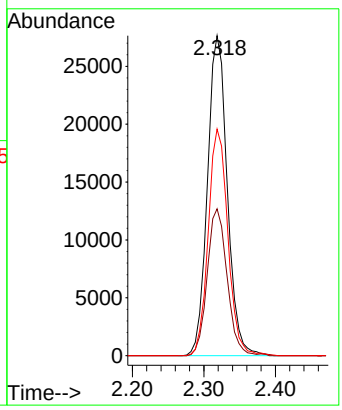
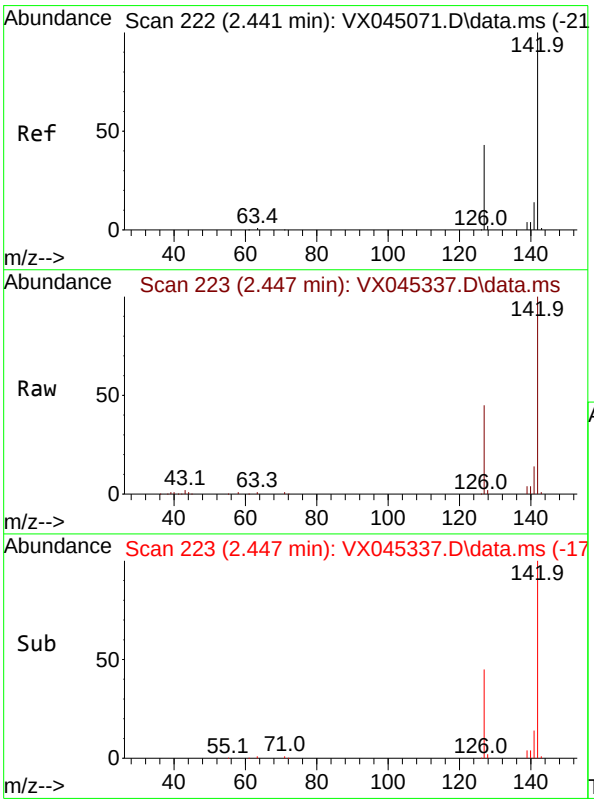
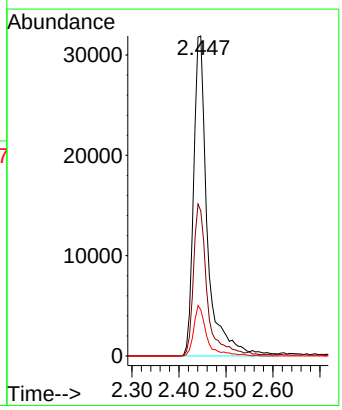


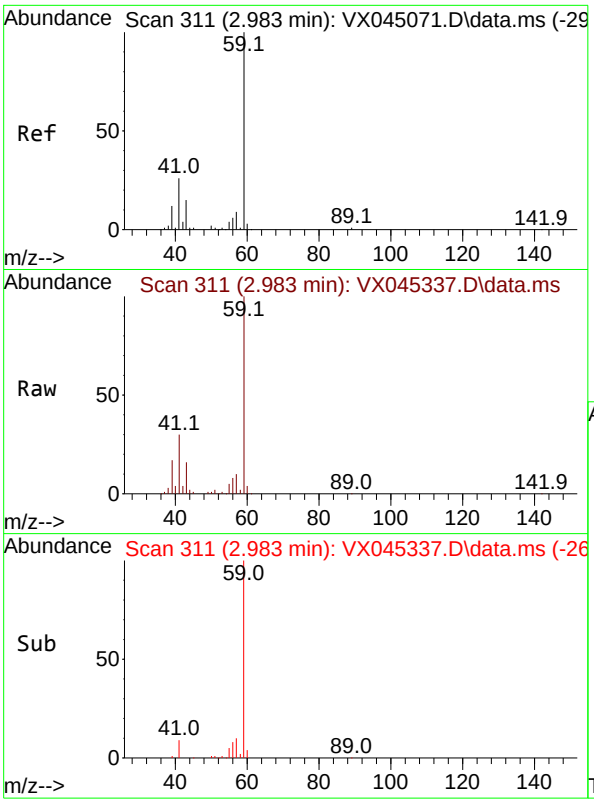


#10
Methyl Iodide
Concen: 55.139 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion:142 Resp: 65743

Ion	Ratio	Lower	Upper
142	100		
127	47.4	35.4	53.2
141	14.8	11.6	17.4





#11
Tert butyl alcohol
Concen: 232.259 ug/l
RT: 2.983 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 59 Resp: 5744

Ion	Ratio	Lower	Upper
59	100		
57	10.6	7.8	11.8

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

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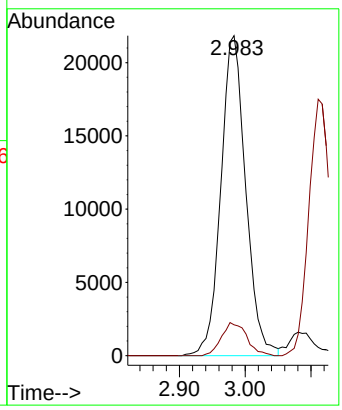
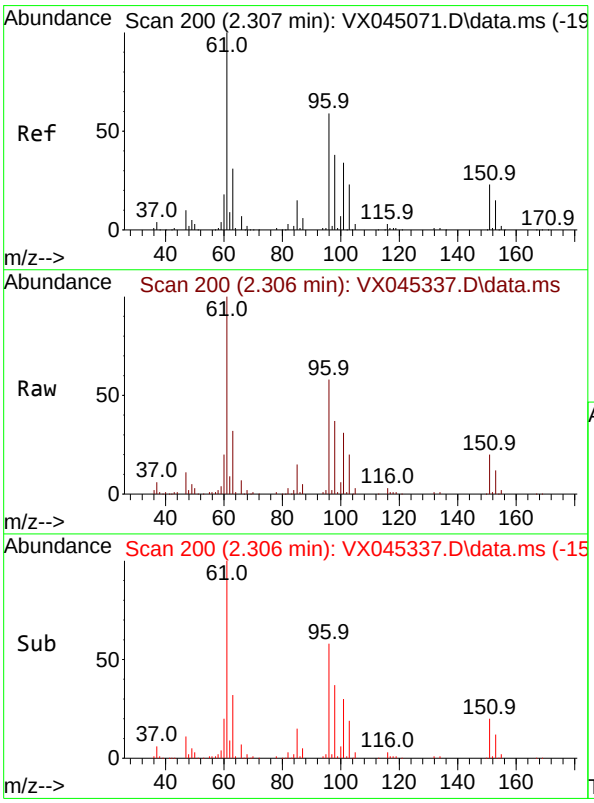
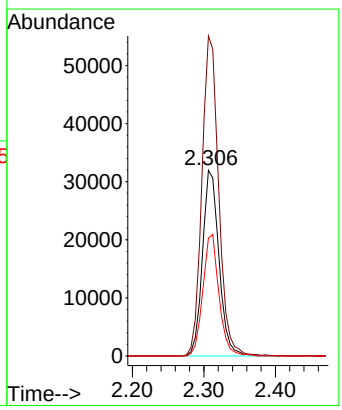


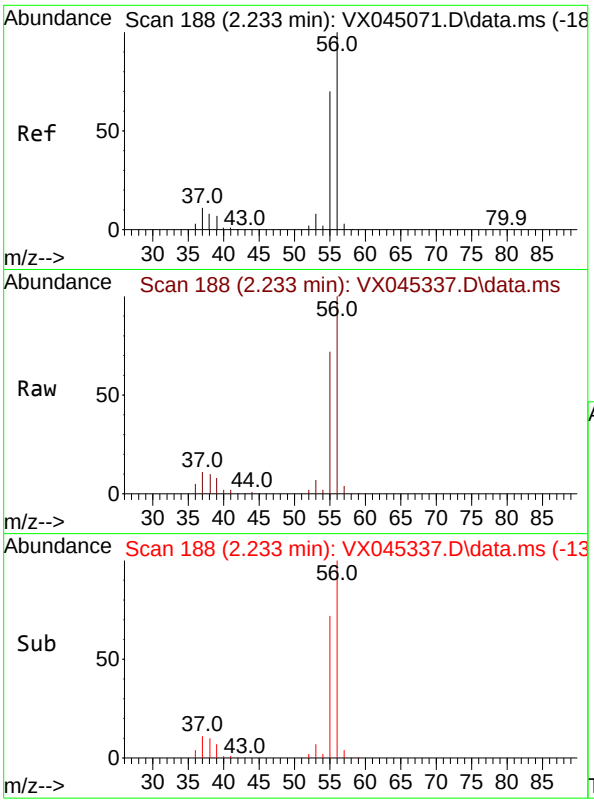


#12
1,1-Dichloroethene
Concen: 50.892 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 96 Resp: 51335

Ion	Ratio	Lower	Upper
96	100		
61	172.2	134.6	202.0
98	63.4	51.0	76.6

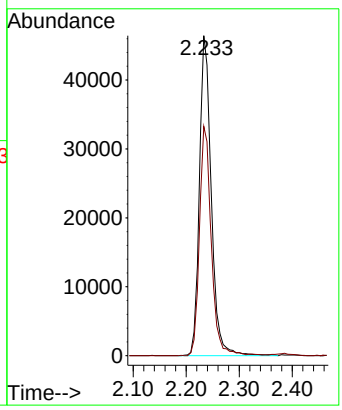




#13
Acrolein
Concen: 252.231 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 56 Resp: 7211

Ion	Ratio	Lower	Upper
56	100		
55	71.4	56.2	84.4



Instrument :
MSVOA_X
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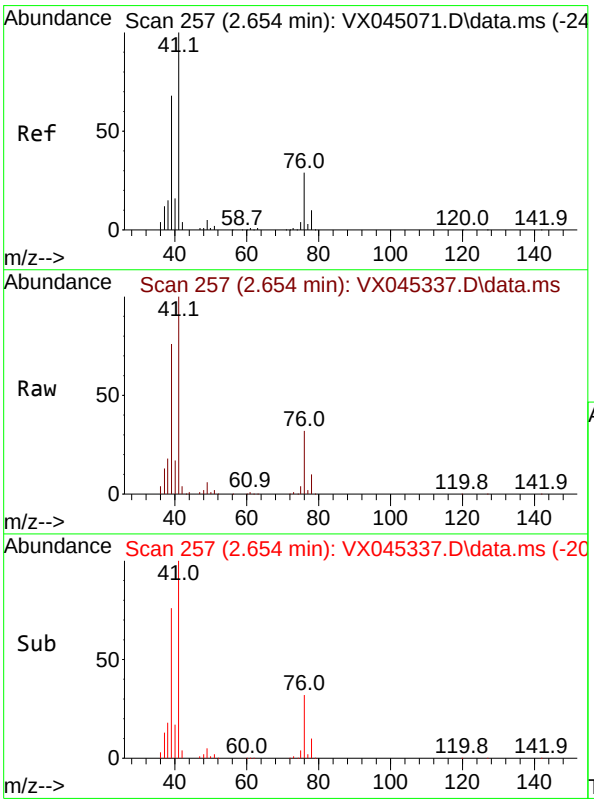
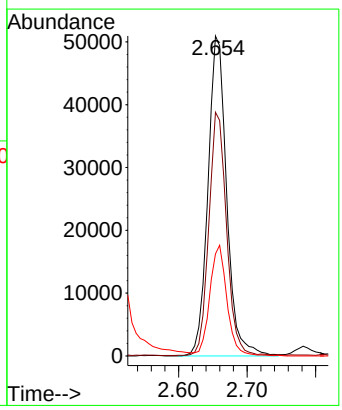
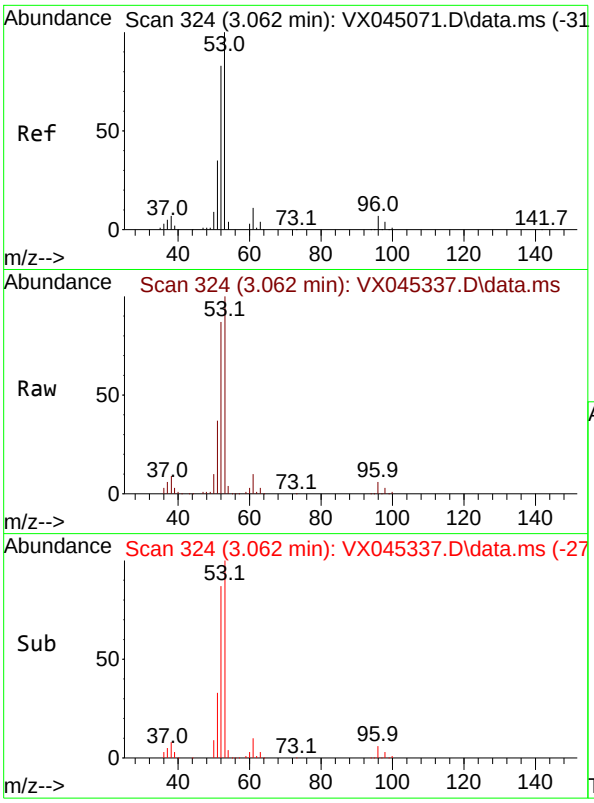


#14
Allyl chloride
Concen: 53.958 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 41 Resp: 96884

Ion	Ratio	Lower	Upper
41	100		
39	71.8	53.8	80.8
76	31.8	25.2	37.8





#15
Acrylonitrile
Concen: 264.499 ug/l
RT: 3.062 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 53 Resp: 17533

Ion	Ratio	Lower	Upper
53	100		
52	84.5	66.2	99.2
51	37.4	29.0	43.4

Instrument :
MSVOA_X
ClientSampleId :
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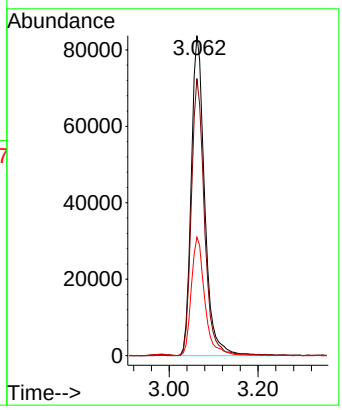
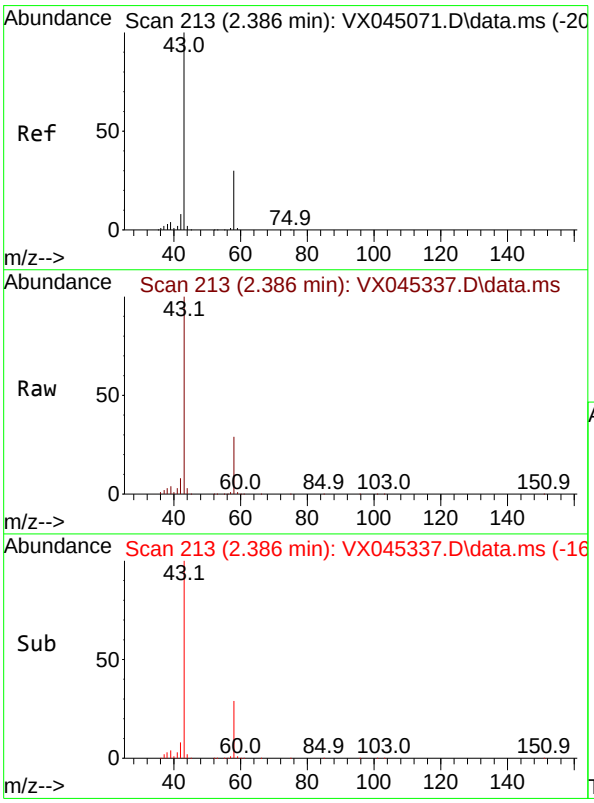
Supervised By :Mahesh Dadoda 03/19/2025

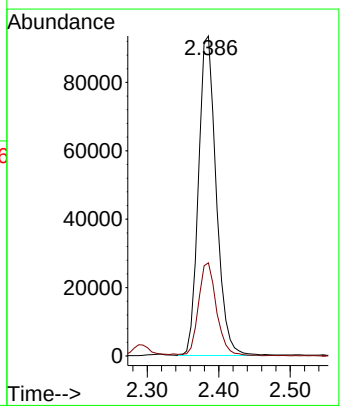


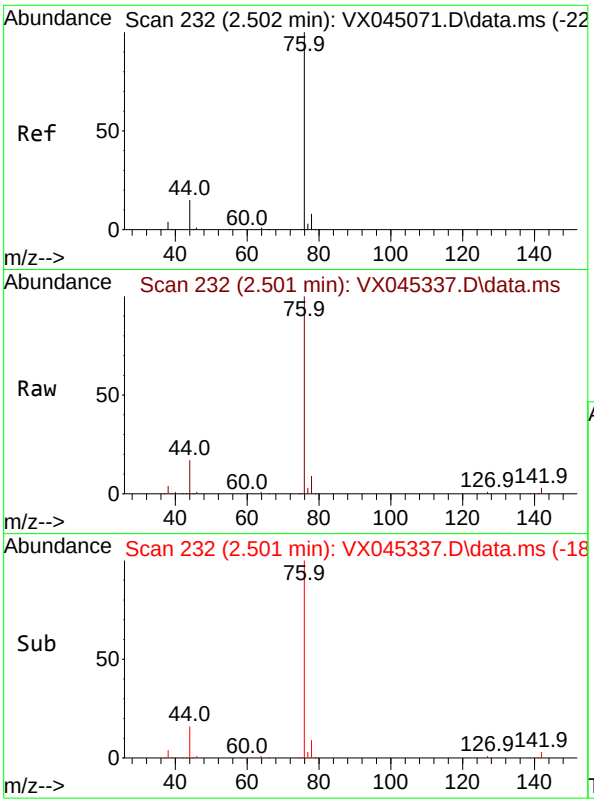


#16
Acetone
Concen: 265.784 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 43 Resp: 161021

Ion	Ratio	Lower	Upper
43	100		
58	29.0	24.2	36.4





#17
Carbon Disulfide
Concen: 41.552 ug/l
RT: 2.501 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 76 Resp: 11163

Ion	Ratio	Lower	Upper
76	100		
78	8.6	6.6	9.8

Instrument :
MSVOA_X
ClientSampleId :
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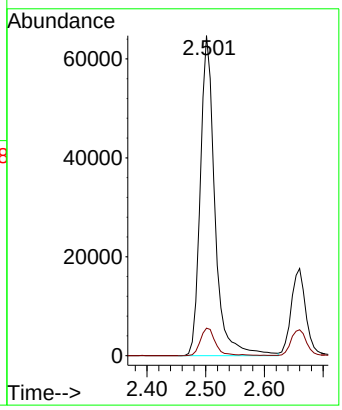
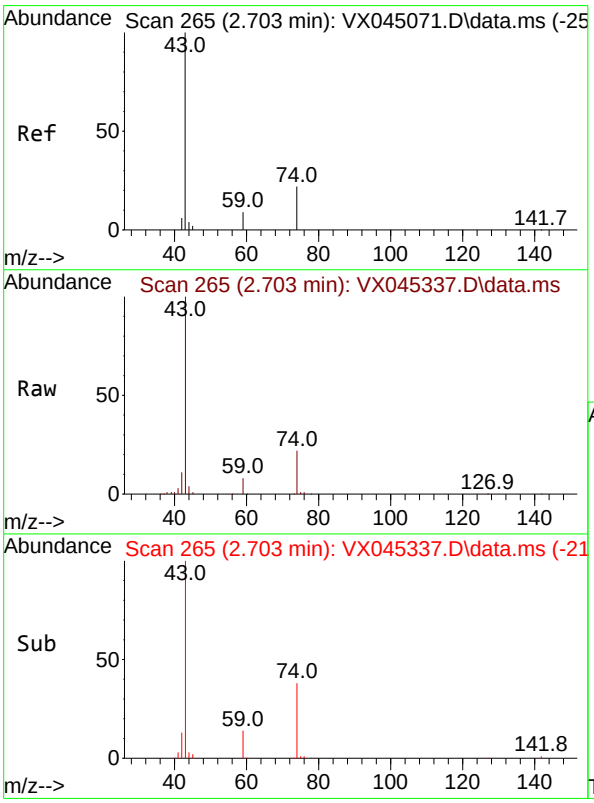
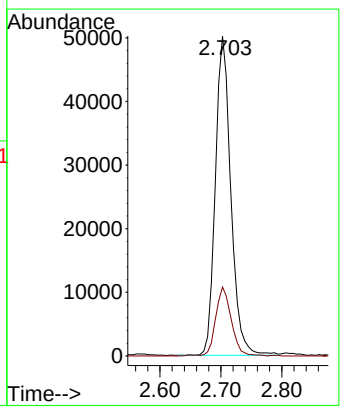


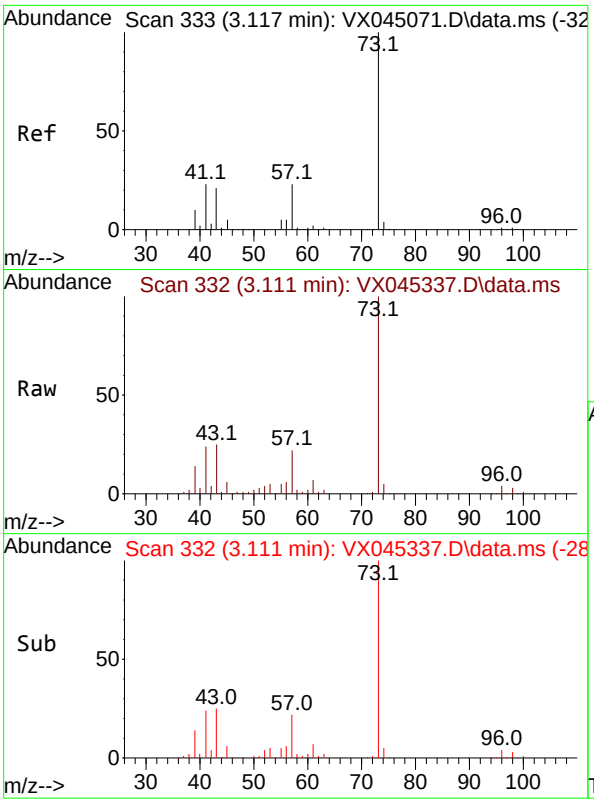


#18
Methyl Acetate
Concen: 60.744 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 43 Resp: 88530

Ion	Ratio	Lower	Upper
43	100		
74	21.8	17.4	26.2





#19
Methyl tert-butyl Ether
Concen: 54.840 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 73 Resp: 18559

Ion	Ratio	Lower	Upper
73	100		
57	22.2	18.5	27.7

Instrument :
MSVOA_X
ClientSampleId :
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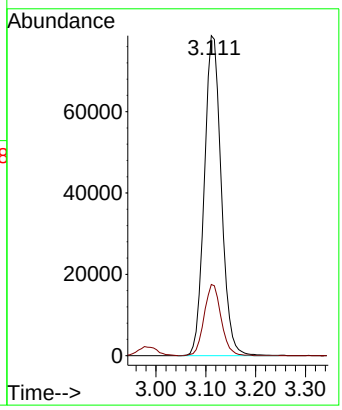
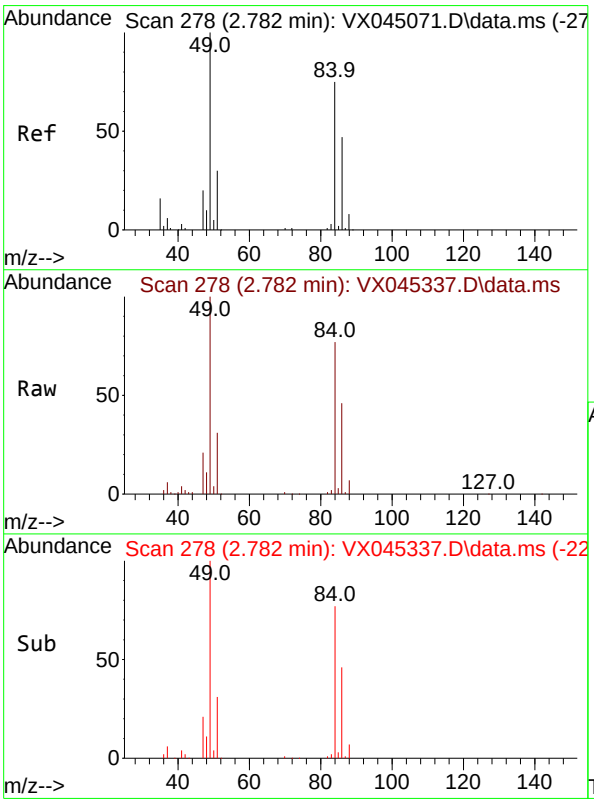
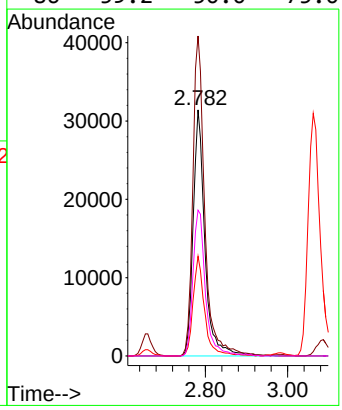


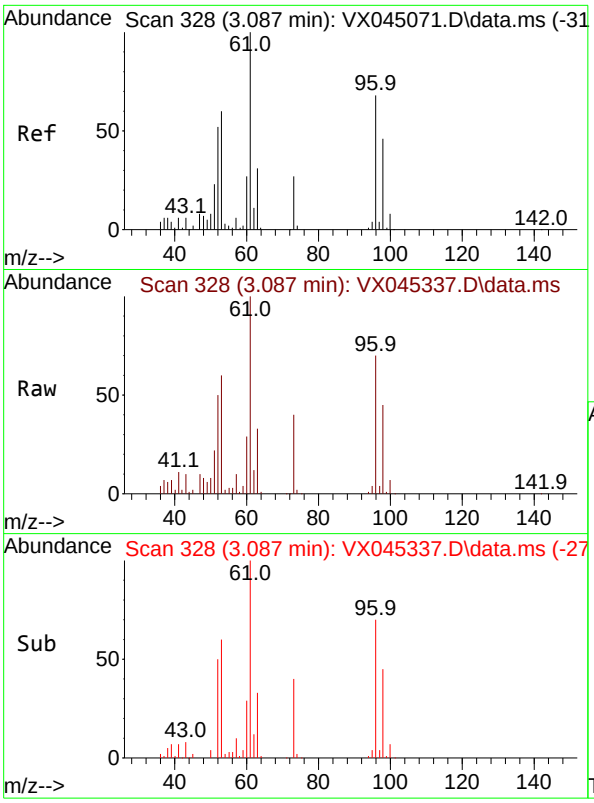


#20
Methylene Chloride
Concen: 51.920 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 84 Resp: 62308

Ion	Ratio	Lower	Upper
84	100		
49	130.0	106.5	159.7
51	40.5	32.1	48.1
86	59.2	50.0	75.0

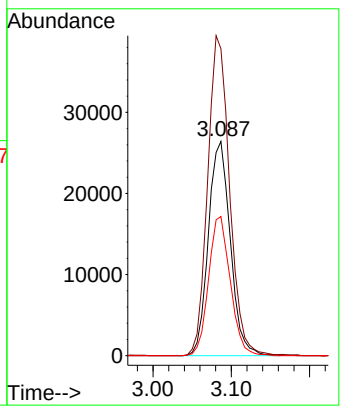




#21
trans-1,2-Dichloroethene
Concen: 51.664 ug/l
RT: 3.087 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 96 Resp: 5148

Ion	Ratio	Lower	Upper
96	100		
61	143.2	117.0	175.4
98	65.0	53.4	80.2



Instrument :
MSVOA_X
ClientSampleId :
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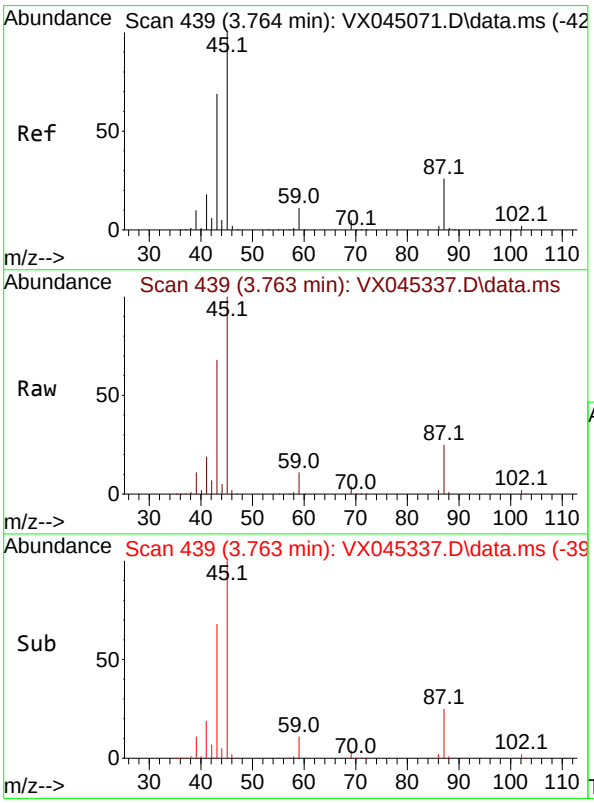
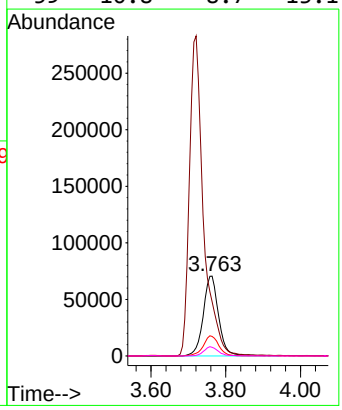
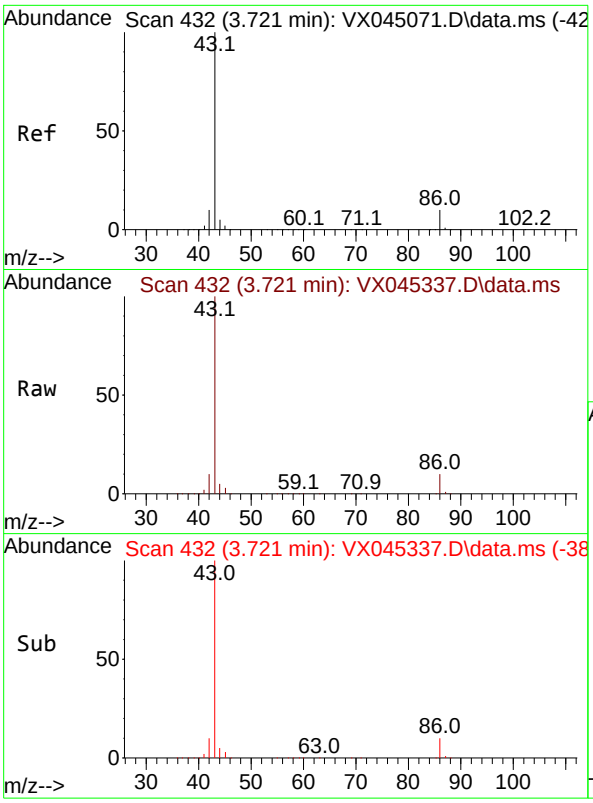


#22
Diisopropyl ether
Concen: 55.172 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 45 Resp: 201474

Ion	Ratio	Lower	Upper
45	100		
43	67.5	54.9	82.3
87	24.5	21.0	31.4
59	10.8	8.7	13.1





#23
Vinyl Acetate
Concen: 243.210 ug/l
RT: 3.721 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 43 Resp: 74115

Ion	Ratio	Lower	Upper
43	100		
86	10.0	8.1	12.1

Instrument :
MSVOA_X
ClientSampleId :
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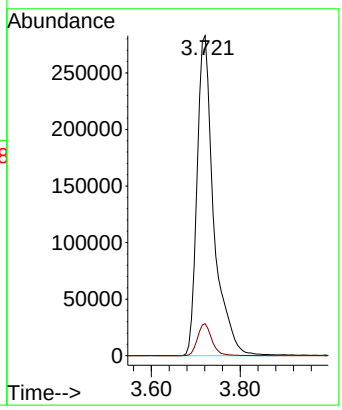
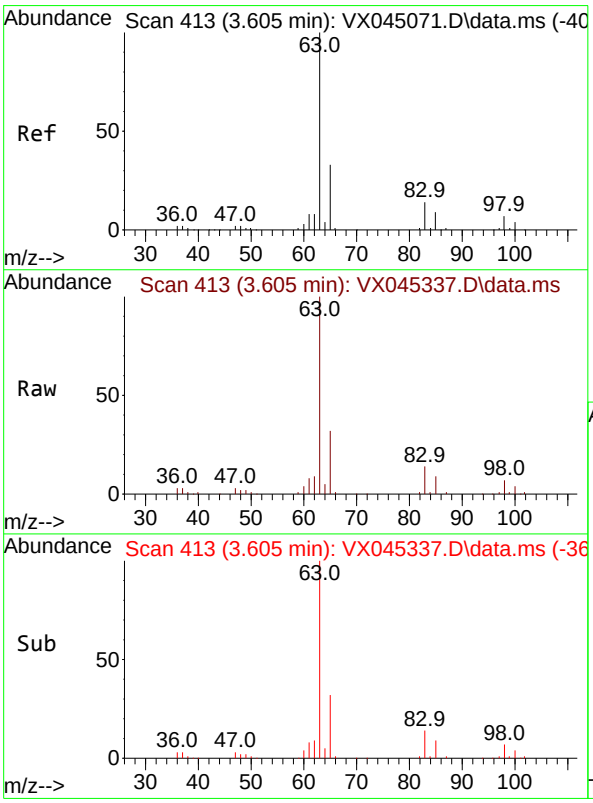
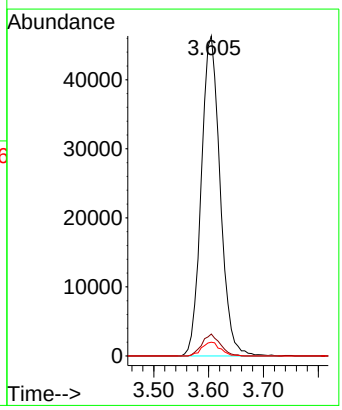


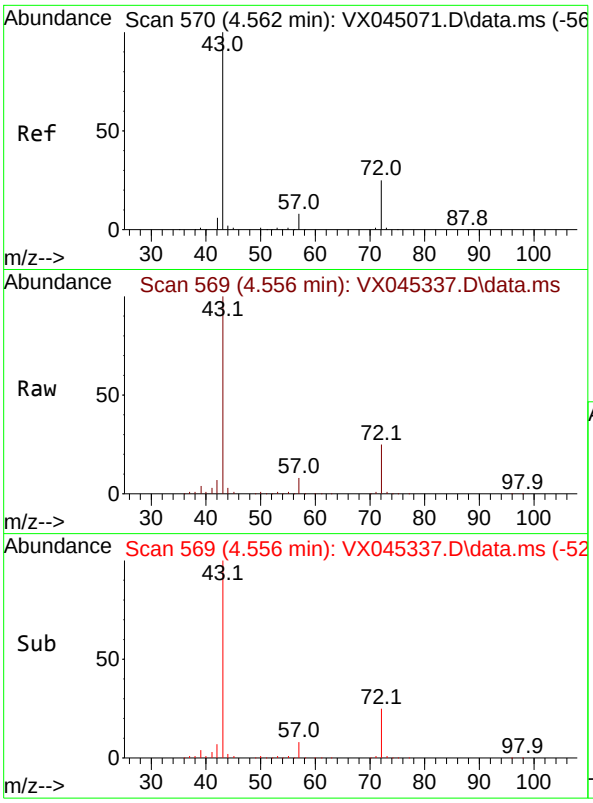


#24
1,1-Dichloroethane
Concen: 54.063 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 63 Resp: 110642

Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.4	10.2
100	4.3	2.1	6.5





#25
2-Butanone
Concen: 275.329 ug/l
RT: 4.556 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 43 Resp: 25108

Ion	Ratio	Lower	Upper
43	100		
72	25.0	20.0	30.0

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

Manual Integrations
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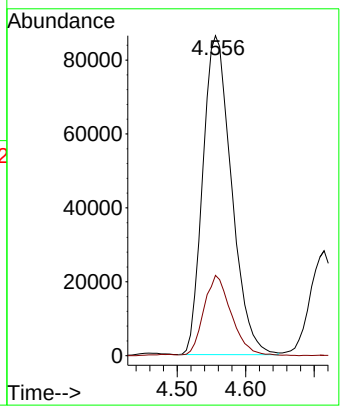
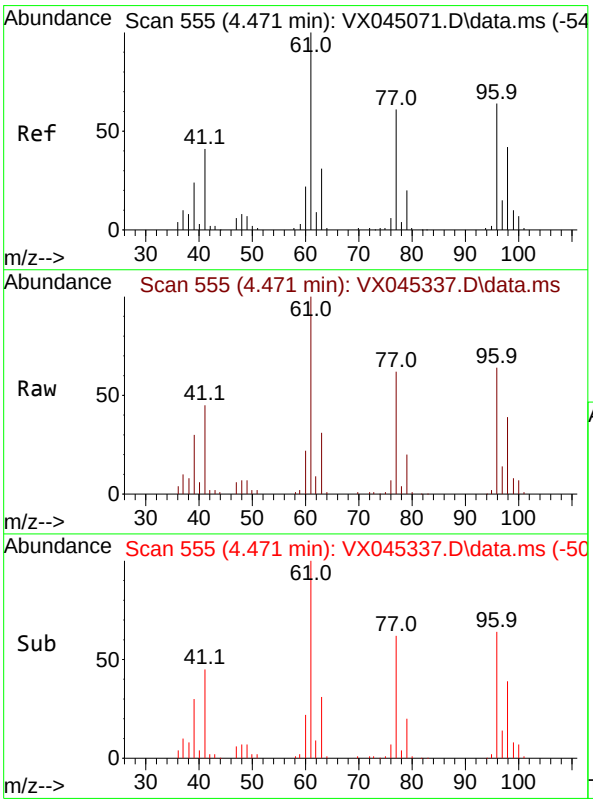
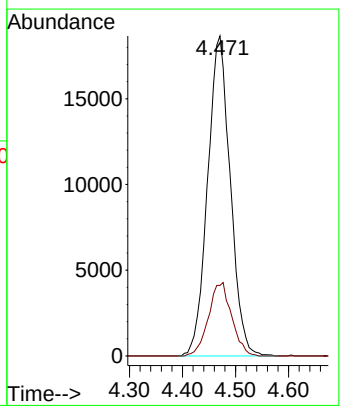


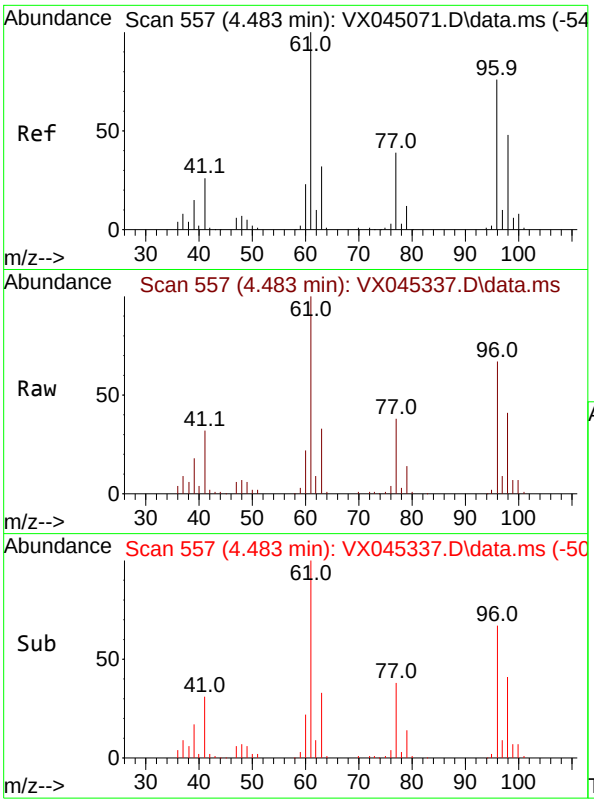


#26
2,2-Dichloropropane
Concen: 57.721 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 77 Resp: 55408

Ion	Ratio	Lower	Upper
77	100		
97	23.5	12.4	37.0

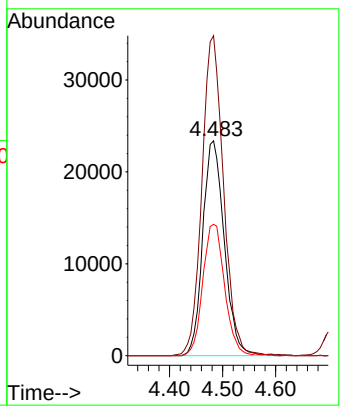




#27
cis-1,2-Dichloroethene
Concen: 53.621 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 96 Resp: 6596

Ion	Ratio	Lower	Upper
96	100		
61	149.4	0.0	283.2
98	62.1	0.0	128.0



Instrument :
MSVOA_X
ClientSampleId :
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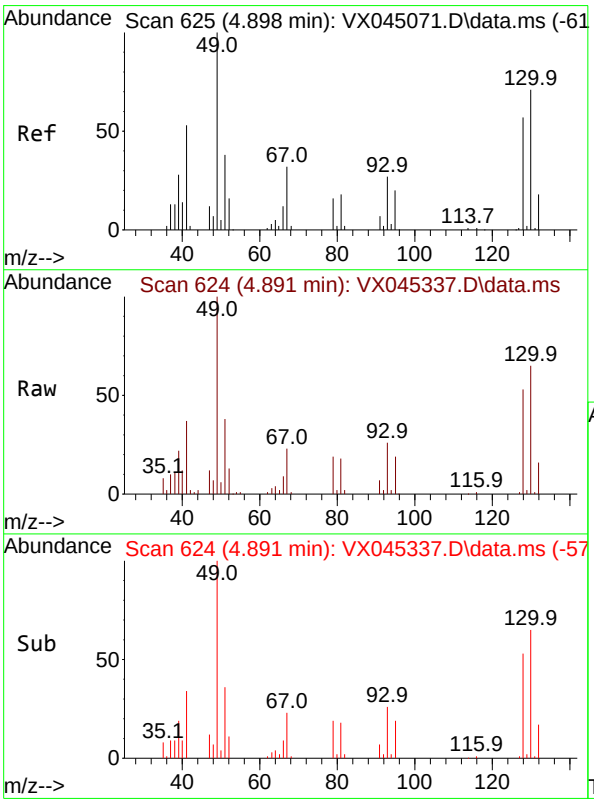
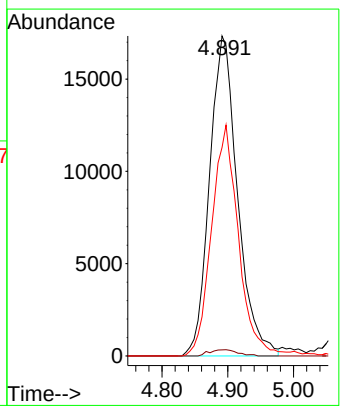
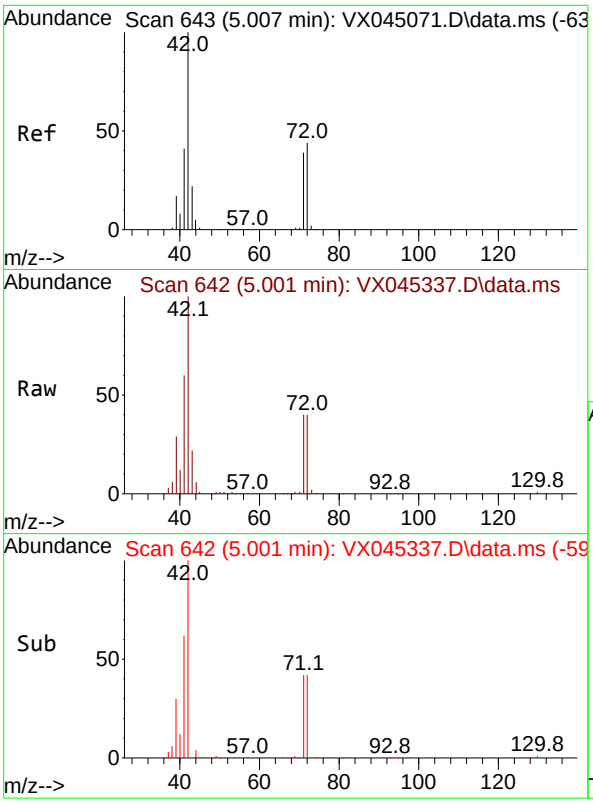


#28
Bromochloromethane
Concen: 52.682 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 49 Resp: 51390

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.4
130	69.3	56.1	84.1

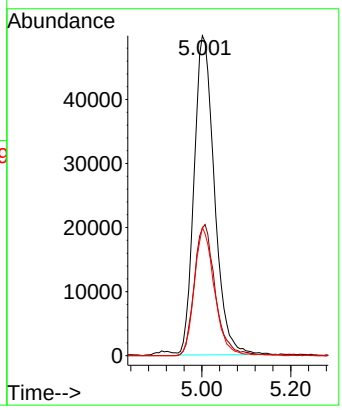




#29
Tetrahydrofuran
Concen: 259.527 ug/l
RT: 5.001 min Scan# 64
Delta R.T. -0.006 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 42 Resp: 15893

Ion	Ratio	Lower	Upper
42	100		
72	42.3	34.1	51.1
71	39.3	31.4	47.0



Instrument :
MSVOA_X
ClientSampleId :
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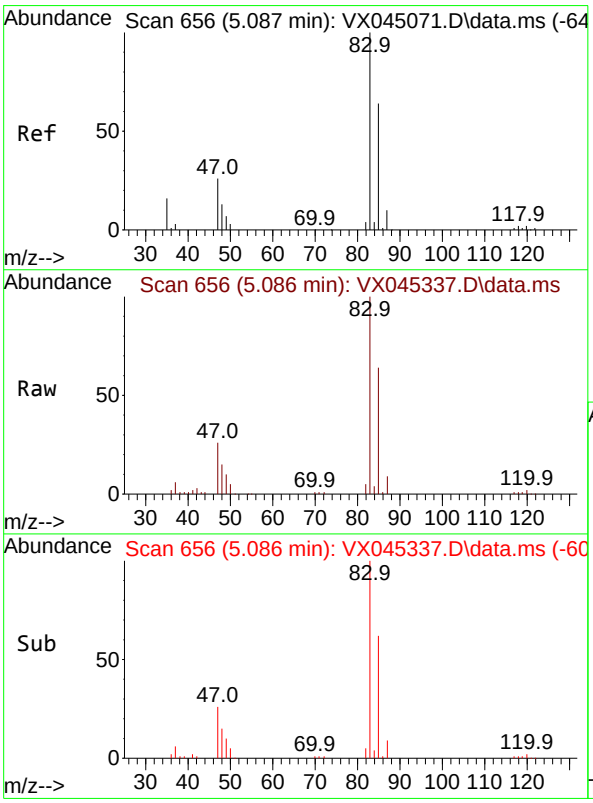
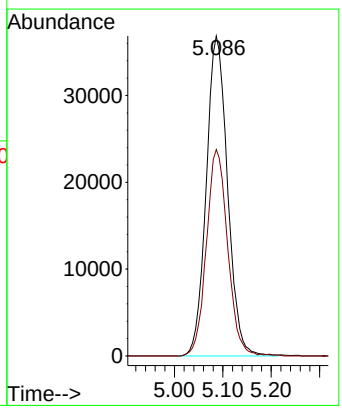
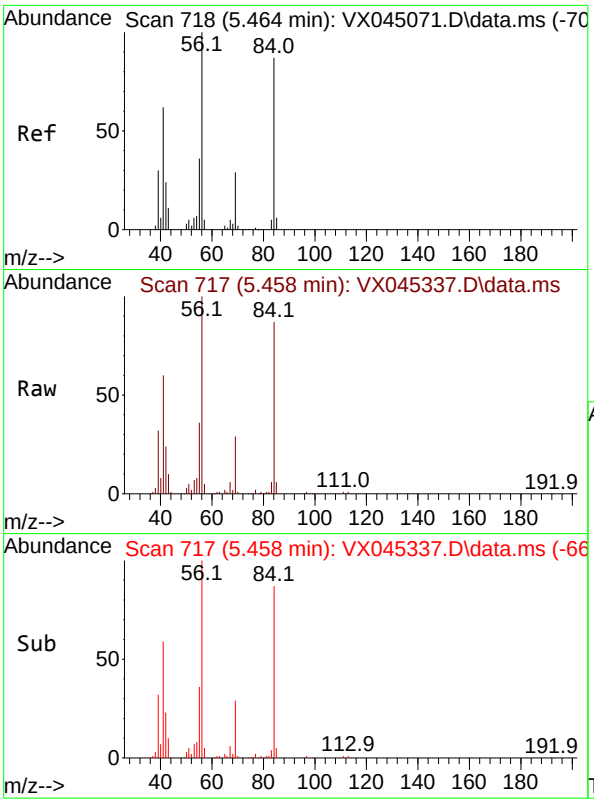


#30
Chloroform
Concen: 55.479 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 83 Resp: 112815

Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.4	77.2





#31
Cyclohexane
Concen: 51.730 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 56 Resp: 9189

Ion	Ratio	Lower	Upper
56	100		
69	28.8	23.4	35.2
84	84.9	69.4	104.2

Instrument :
MSVOA_X
ClientSampleId :
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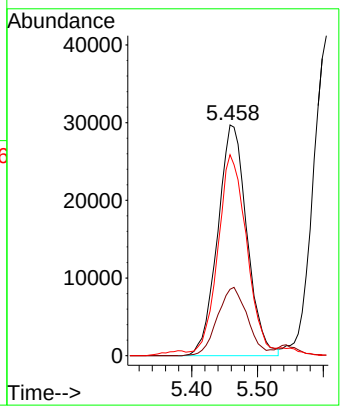
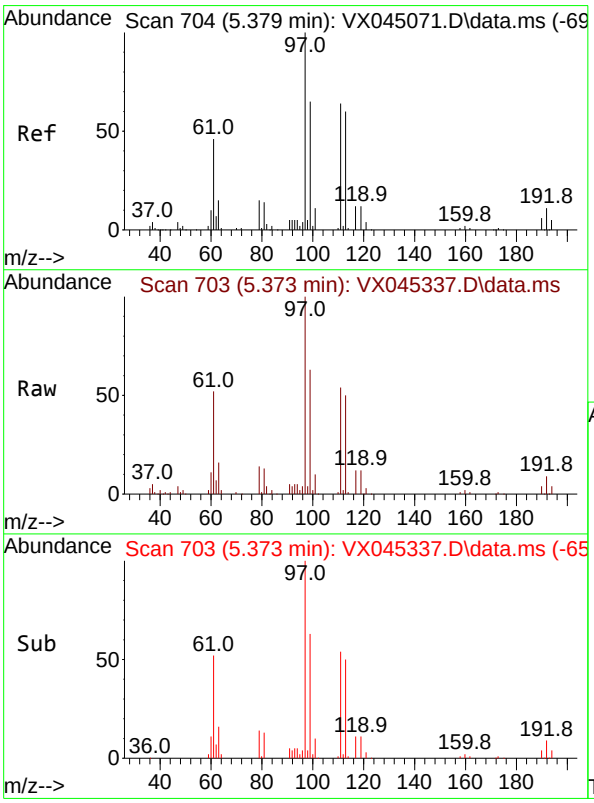
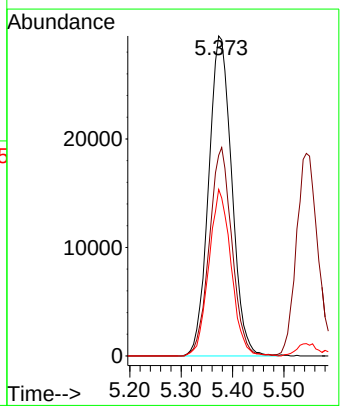


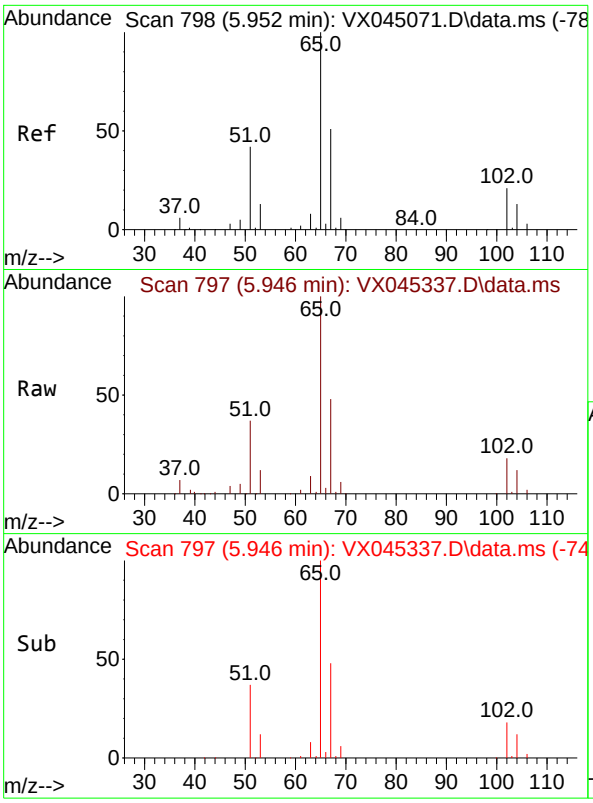


#32
1,1,1-Trichloroethane
Concen: 56.057 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 97 Resp: 92066

Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.6	77.4
61	50.3	38.4	57.6





#33
1,2-Dichloroethane-d4
Concen: 52.158 ug/l
RT: 5.946 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 65 Resp: 6810

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	106.2

Instrument :
MSVOA_X
ClientSampleId :
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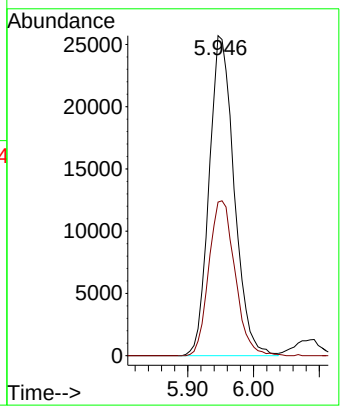
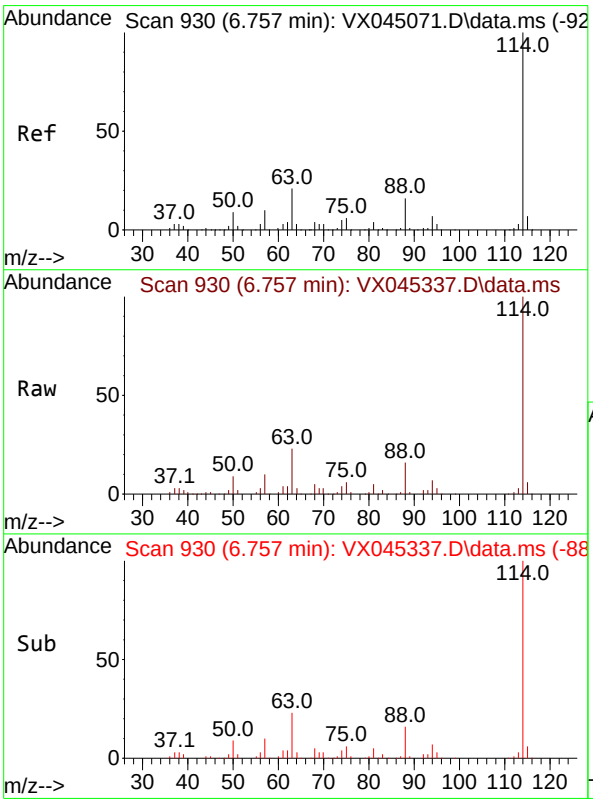
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

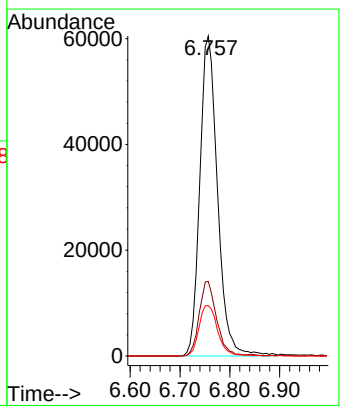


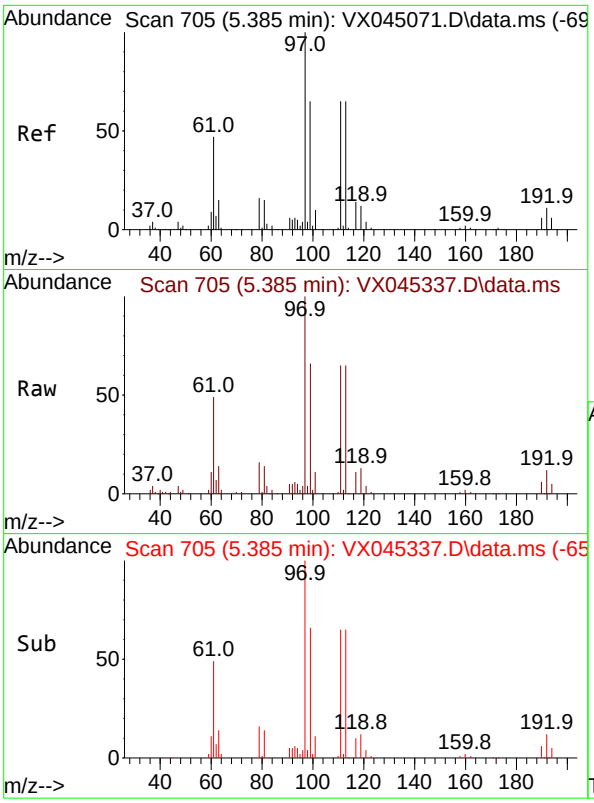


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion:114 Resp: 149330

Ion	Ratio	Lower	Upper
114	100		
63	23.3	0.0	41.8
88	15.7	0.0	32.8

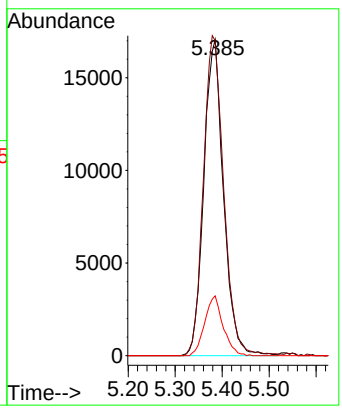




#35
Dibromofluoromethane
Concen: 49.583 ug/l
RT: 5.385 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion:113 Resp: 4951

Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.8	122.6
192	17.7	14.3	21.5



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

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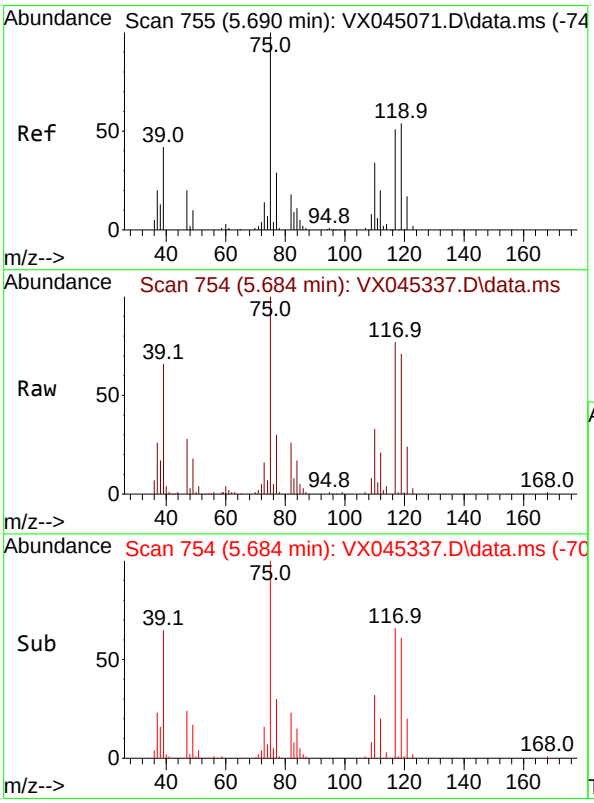
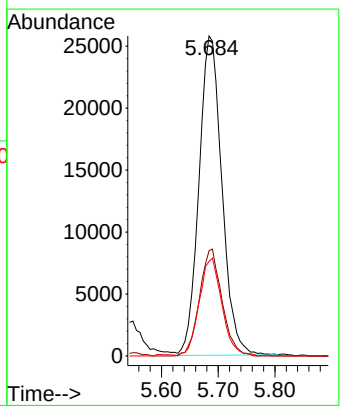
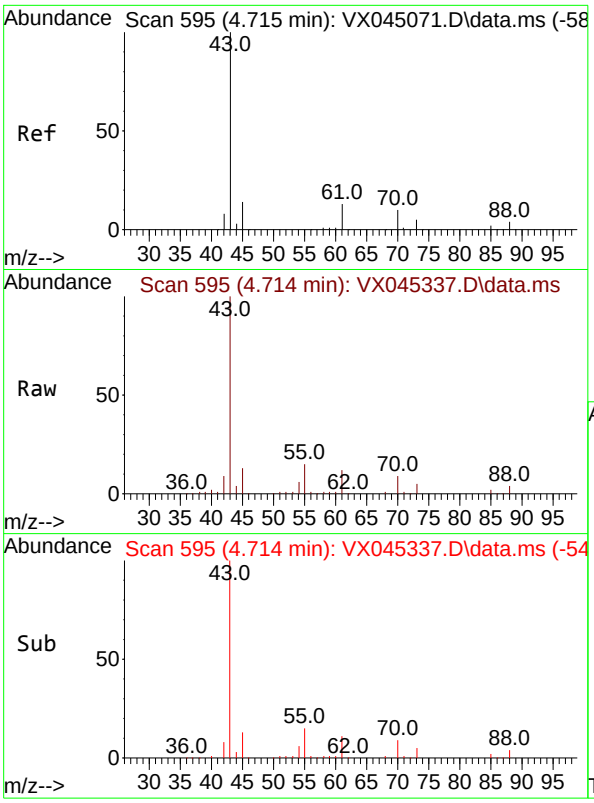


#36
1,1-Dichloropropene
Concen: 52.901 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 75 Resp: 72442

Ion	Ratio	Lower	Upper
75	100		
110	32.6	16.9	50.6
77	30.3	24.5	36.7

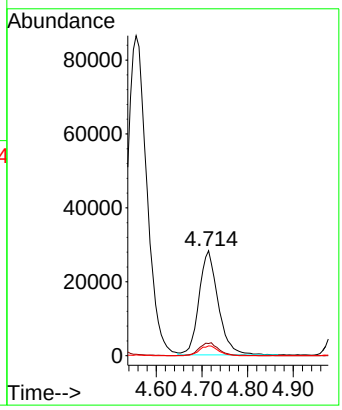




#37
Ethyl Acetate
Concen: 46.747 ug/l
RT: 4.714 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 43 Resp: 8248

Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.8	16.2
70	9.3	7.7	11.5



Instrument :
MSVOA_X
ClientSampleId :
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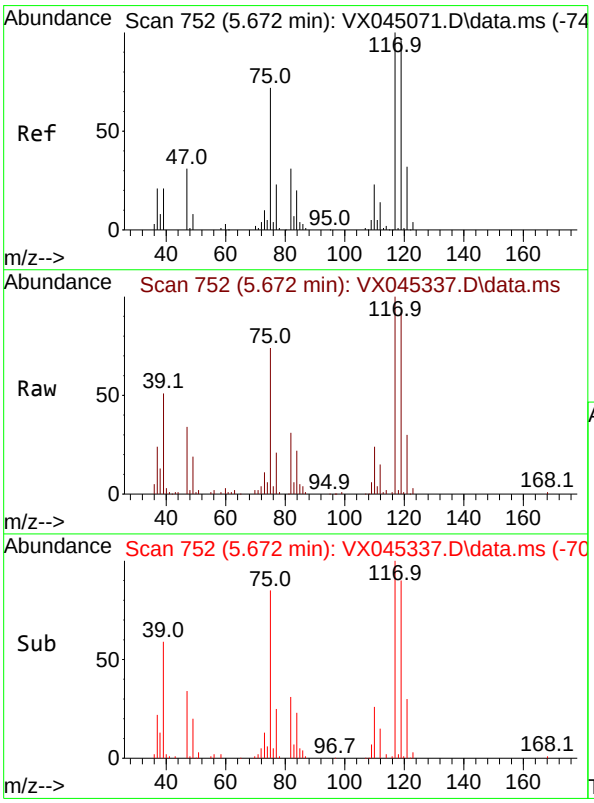
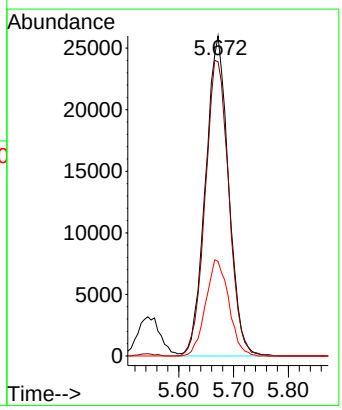
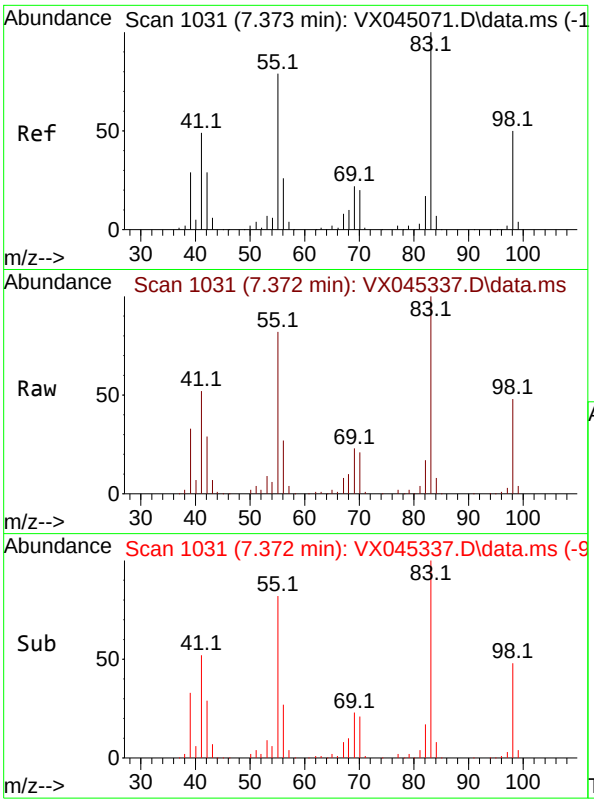


#38
Carbon Tetrachloride
Concen: 54.579 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion:117 Resp: 75879

Ion	Ratio	Lower	Upper
117	100		
119	91.9	76.7	115.1
121	29.5	25.5	38.3





#39
Methylcyclohexane
Concen: 53.896 ug/l
RT: 7.372 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 83 Resp: 8843

Ion	Ratio	Lower	Upper
83	100		
55	81.7	63.0	94.4
98	48.4	39.7	59.5

Instrument :
MSVOA_X
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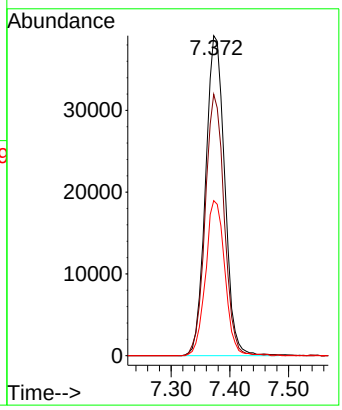
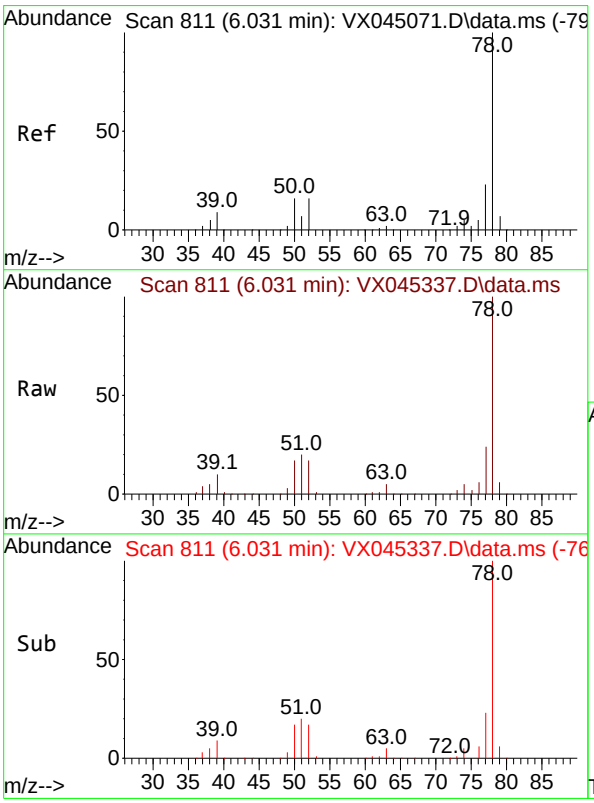
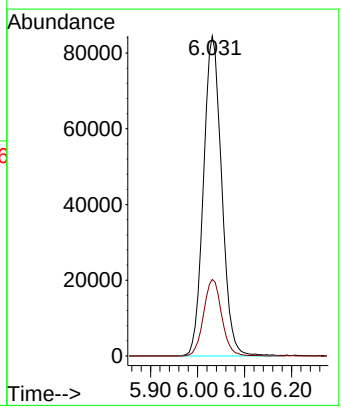


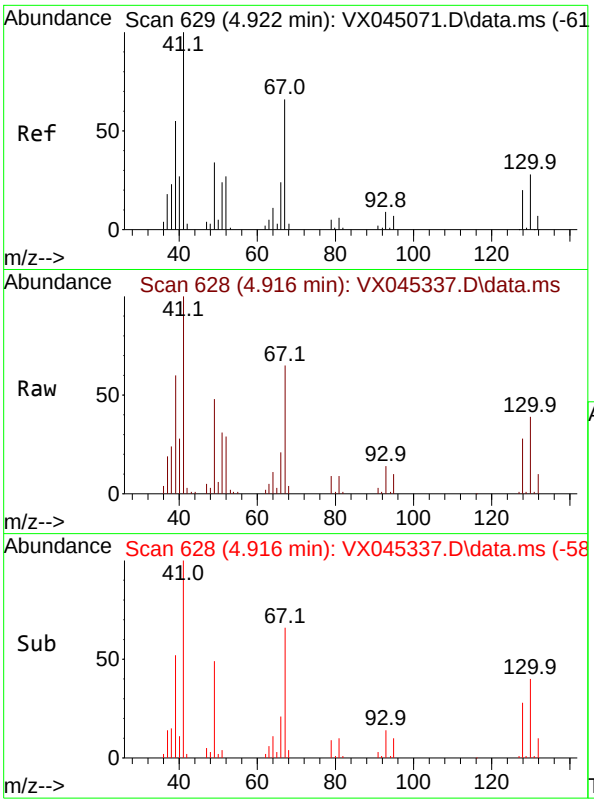


#40
Benzene
Concen: 52.418 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 78 Resp: 226668

Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.8	28.2

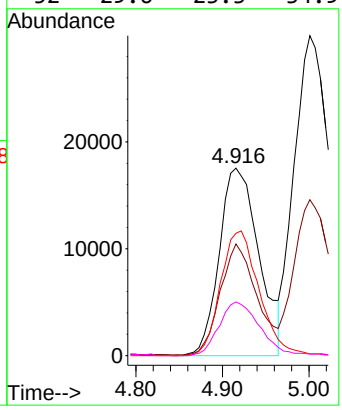




#41
Methacrylonitrile
Concen: 58.599 ug/l
RT: 4.916 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 41 Resp: 5591

Ion	Ratio	Lower	Upper
41	100		
39	54.9	44.6	67.0
67	64.8	53.9	80.9
52	29.6	23.3	34.9



Instrument :
MSVOA_X
ClientSampleId :
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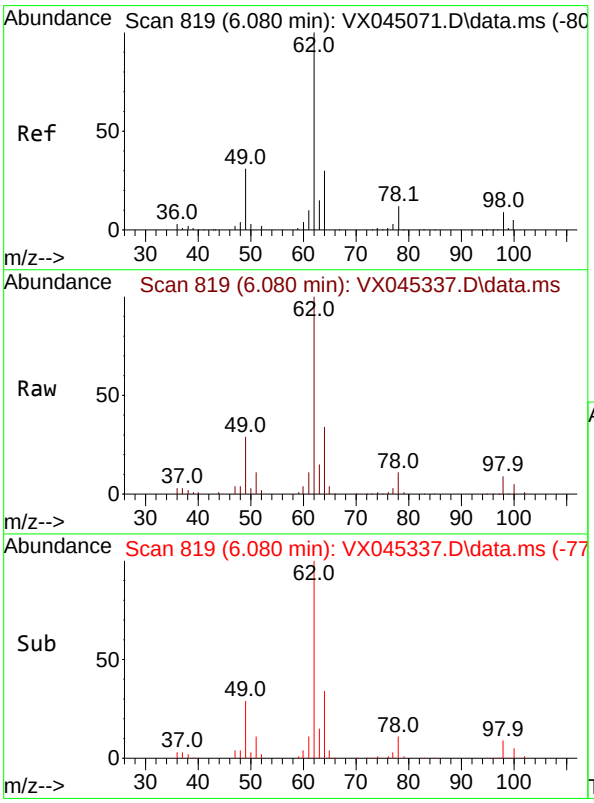
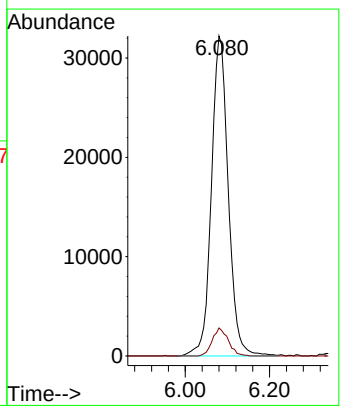
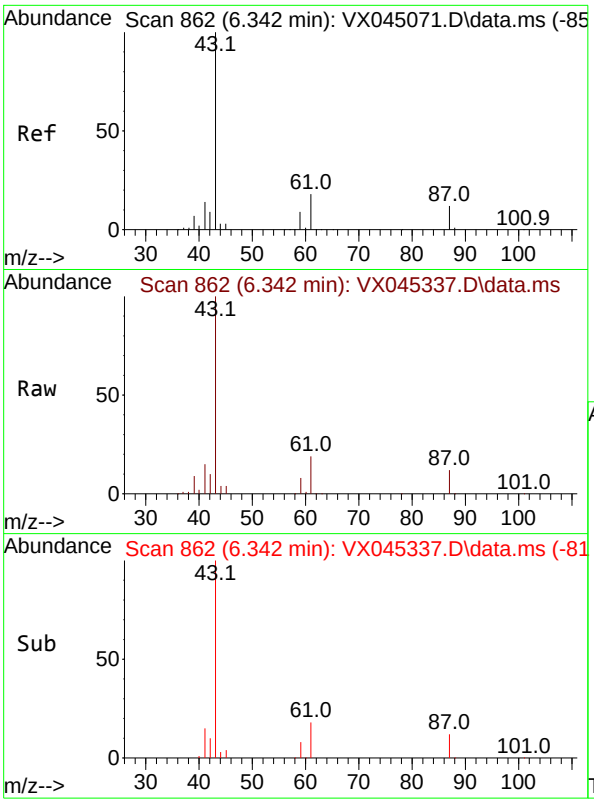


#42
1,2-Dichloroethane
Concen: 57.481 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 62 Resp: 89507

Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	18.2

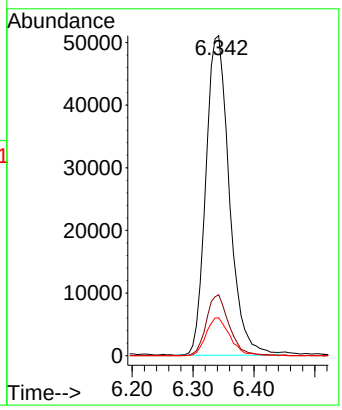




#43
Isopropyl Acetate
Concen: 52.421 ug/l
RT: 6.342 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 43 Resp: 13678

Ion	Ratio	Lower	Upper
43	100		
61	18.6	14.9	22.3
87	12.0	9.4	14.2



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

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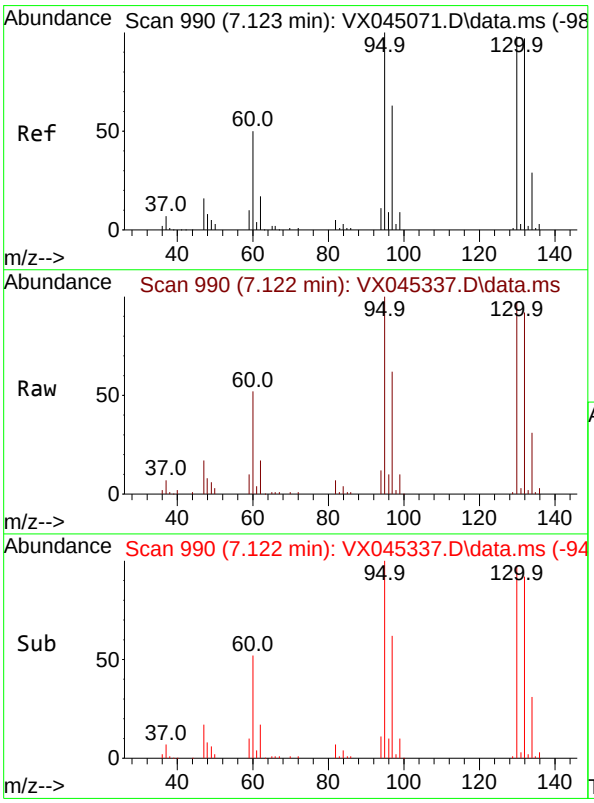
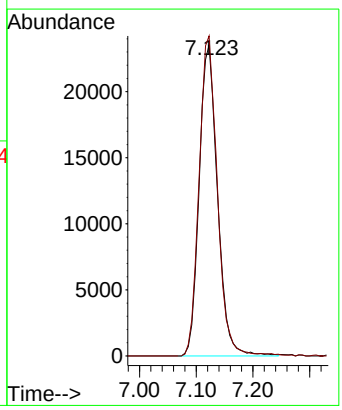
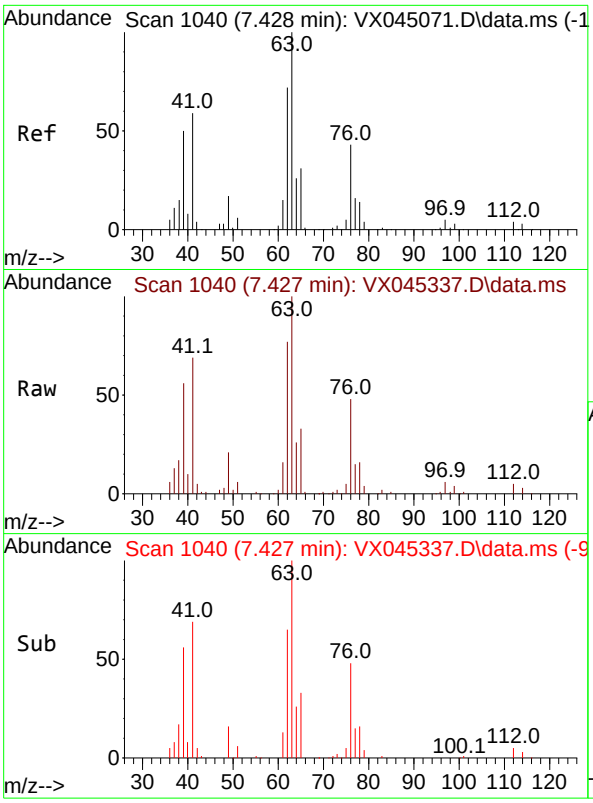


#44
Trichloroethene
Concen: 51.971 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion:130 Resp: 52769

Ion	Ratio	Lower	Upper
130	100		
95	102.9	0.0	205.0

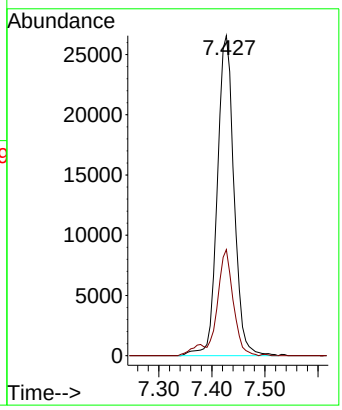




#45
1,2-Dichloropropane
Concen: 52.261 ug/l
RT: 7.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 63 Resp: 5810

Ion	Ratio	Lower	Upper
63	100		
65	33.2	24.7	37.1



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

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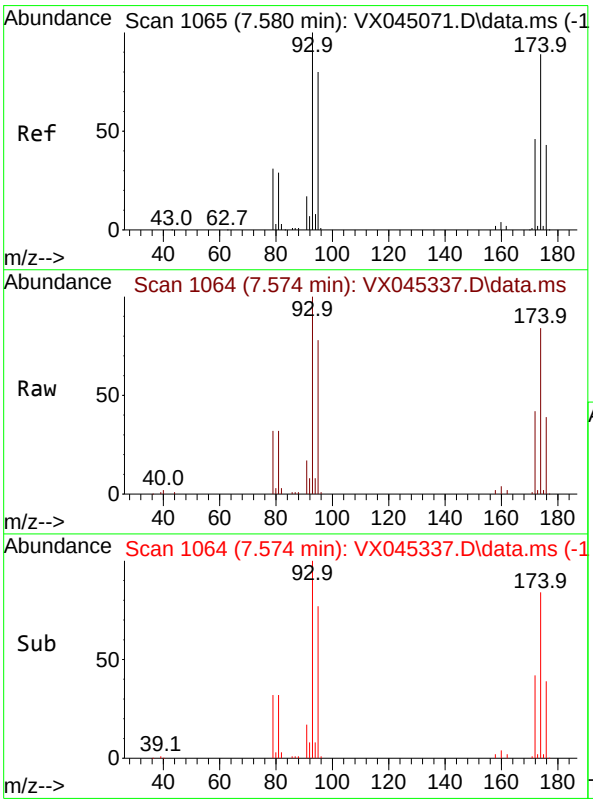
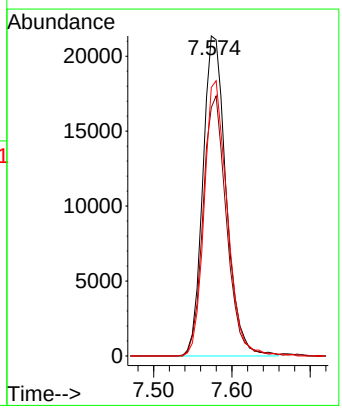
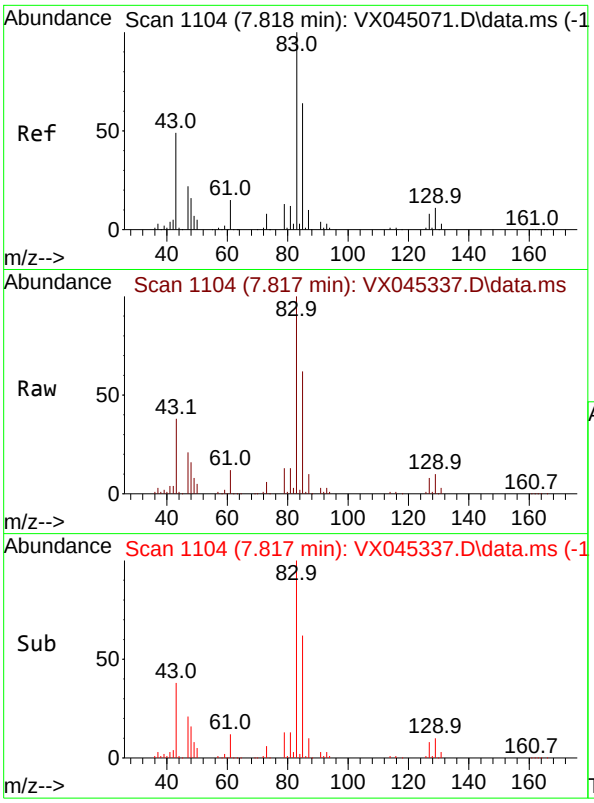


#46
Dibromomethane
Concen: 56.142 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 93 Resp: 44118

Ion	Ratio	Lower	Upper
93	100		
95	81.4	65.8	98.8
174	85.2	72.2	108.2

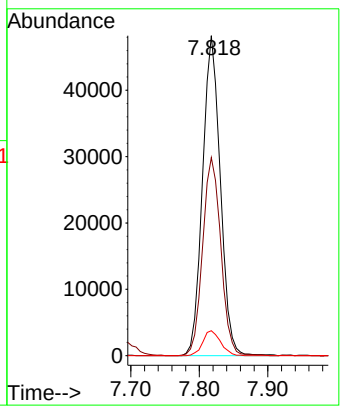




#47
Bromodichloromethane
Concen: 56.598 ug/l
RT: 7.817 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 83 Resp: 8724

Ion	Ratio	Lower	Upper
83	100		
85	61.9	51.1	76.7
127	7.8	6.4	9.6



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

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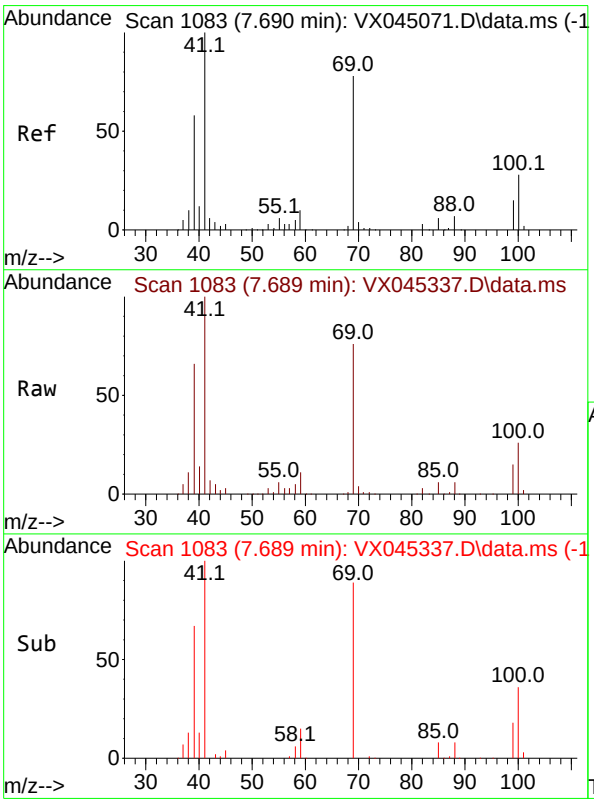
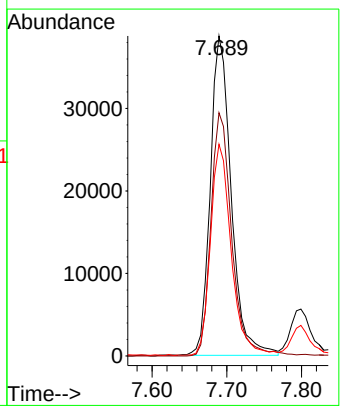
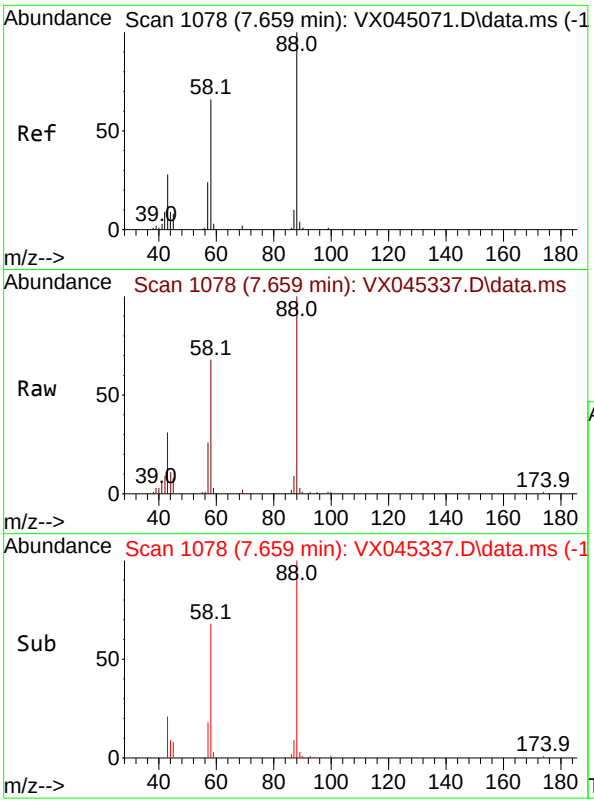


#48
Methyl methacrylate
Concen: 57.475 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 41 Resp: 75237

Ion	Ratio	Lower	Upper
41	100		
69	75.9	63.0	94.6
39	65.4	47.5	71.3

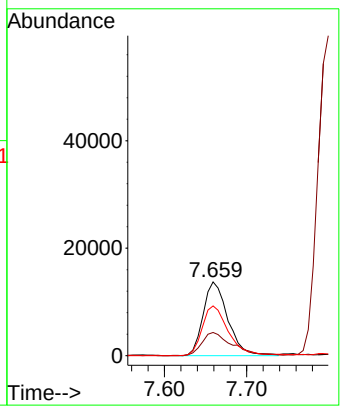




#49
1,4-Dioxane
Concen: 1035.355 ug/l
RT: 7.659 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 88 Resp: 2858

Ion	Ratio	Lower	Upper
88	100		
43	39.0	28.7	43.1
58	73.3	55.8	83.8



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

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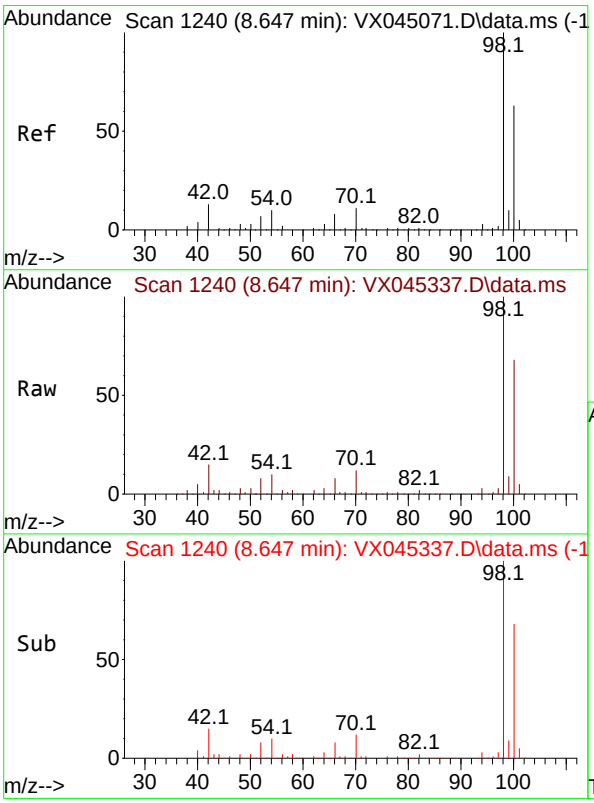
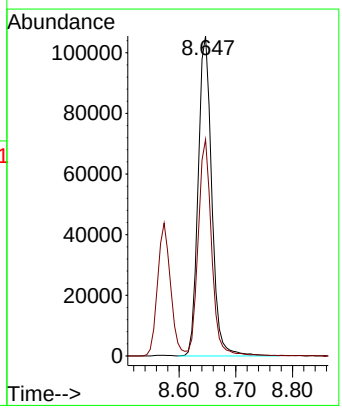
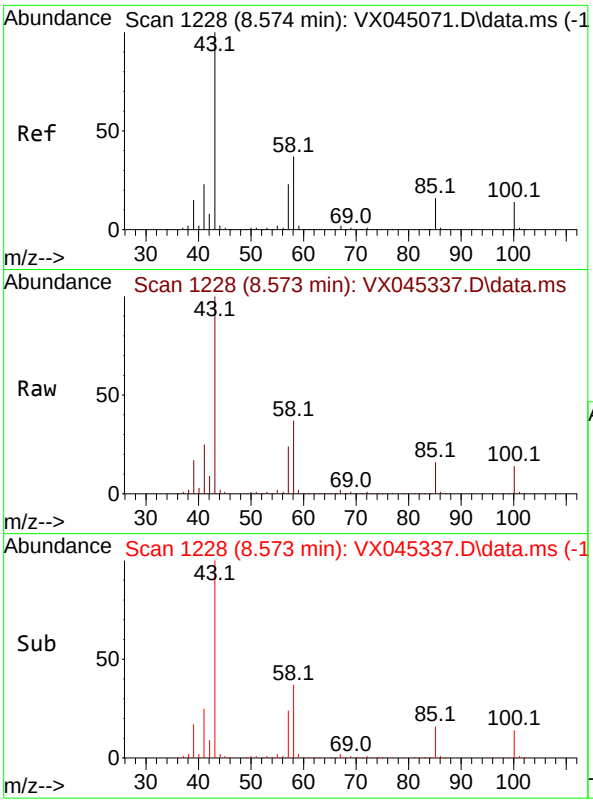


#50
Toluene-d8
Concen: 48.615 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 98 Resp: 175987

Ion	Ratio	Lower	Upper
98	100		
100	66.6	52.0	78.0

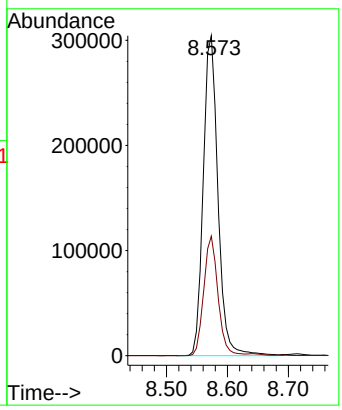




#51
4-Methyl-2-Pentanone
Concen: 291.992 ug/l
RT: 8.573 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 43 Resp: 51156

Ion	Ratio	Lower	Upper
43	100		
58	36.0	29.2	43.8



Instrument :
MSVOA_X
ClientSampleId :
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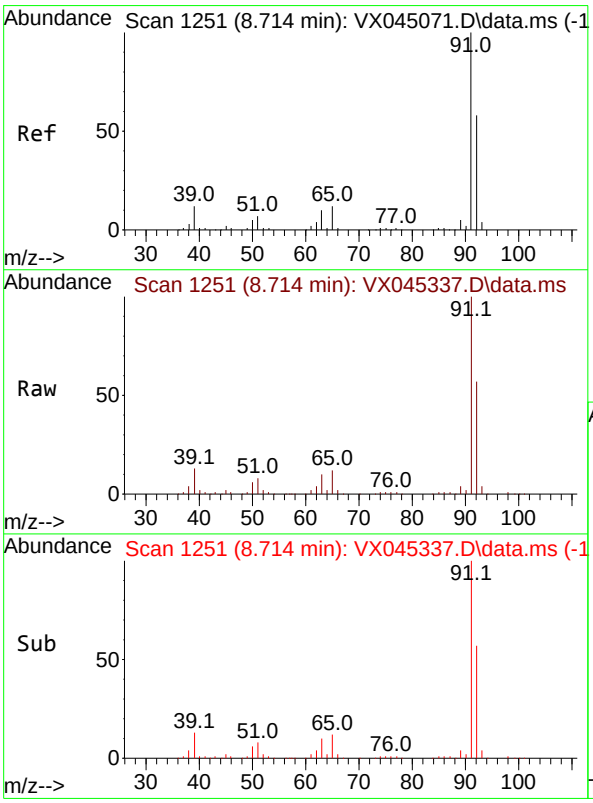
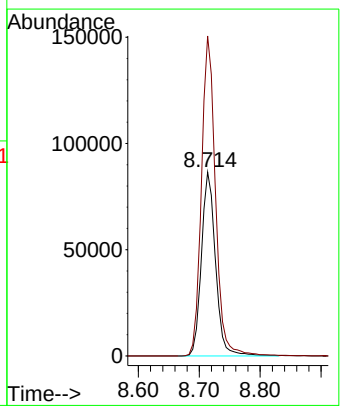
Supervised By :Mahesh Dadoda 03/19/2025

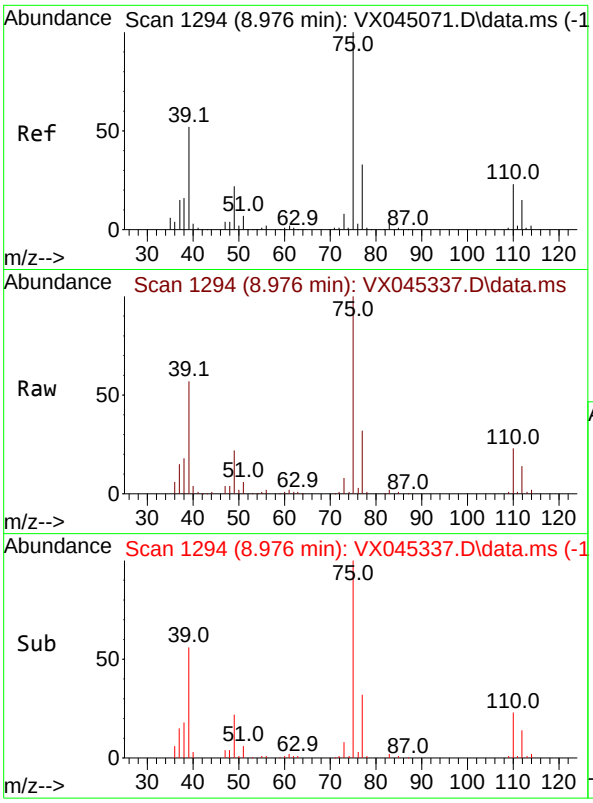


#52
Toluene
Concen: 54.902 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 92 Resp: 139292

Ion	Ratio	Lower	Upper
92	100		
91	174.1	138.9	208.3

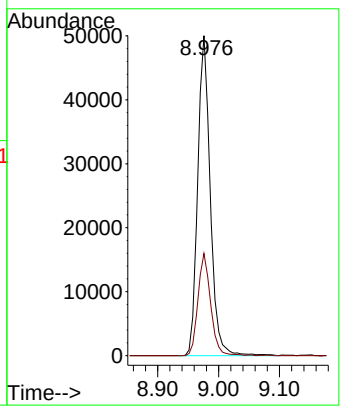




#53
t-1,3-Dichloropropene
Concen: 55.644 ug/l
RT: 8.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 75 Resp: 7170

Ion	Ratio	Lower	Upper
75	100		
77	32.0	26.5	39.7



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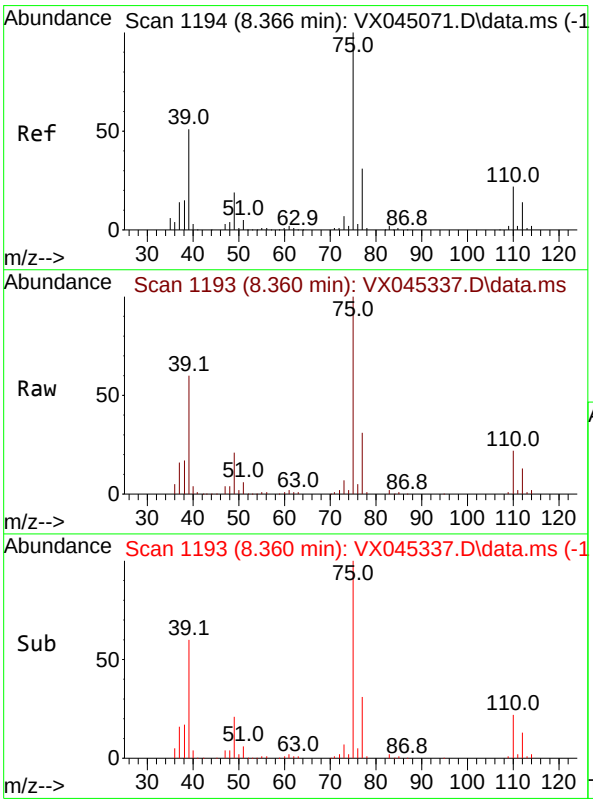
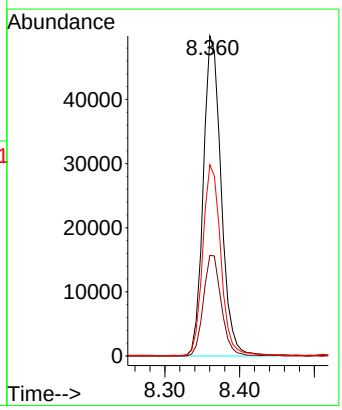
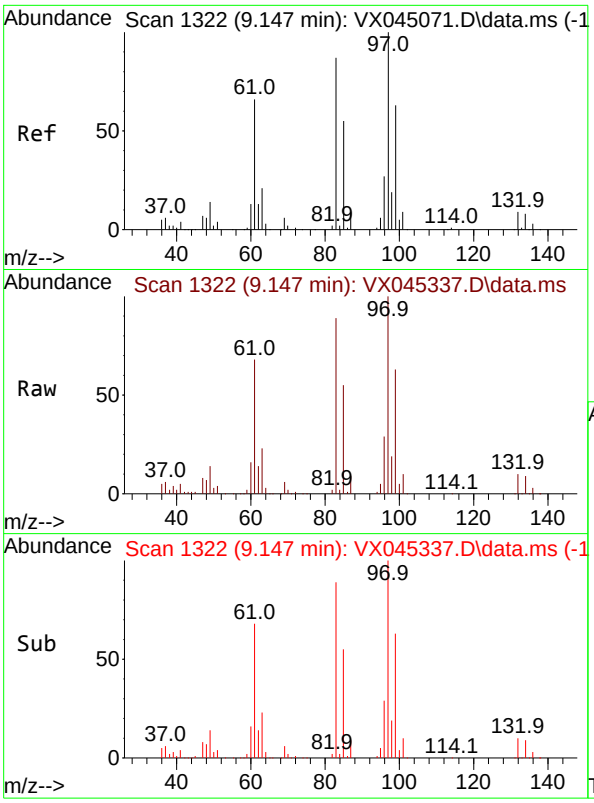


#54
cis-1,3-Dichloropropene
Concen: 55.044 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 75 Resp: 82711

Ion	Ratio	Lower	Upper
75	100		
77	31.5	24.7	37.1
39	59.6	40.7	61.1

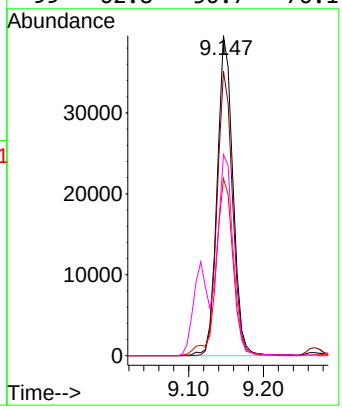




#55
1,1,2-Trichloroethane
Concen: 55.561 ug/l
RT: 9.147 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 97 Resp: 5803

Ion	Ratio	Lower	Upper
97	100		
83	88.9	69.4	104.2
85	55.3	44.1	66.1
99	62.8	50.7	76.1



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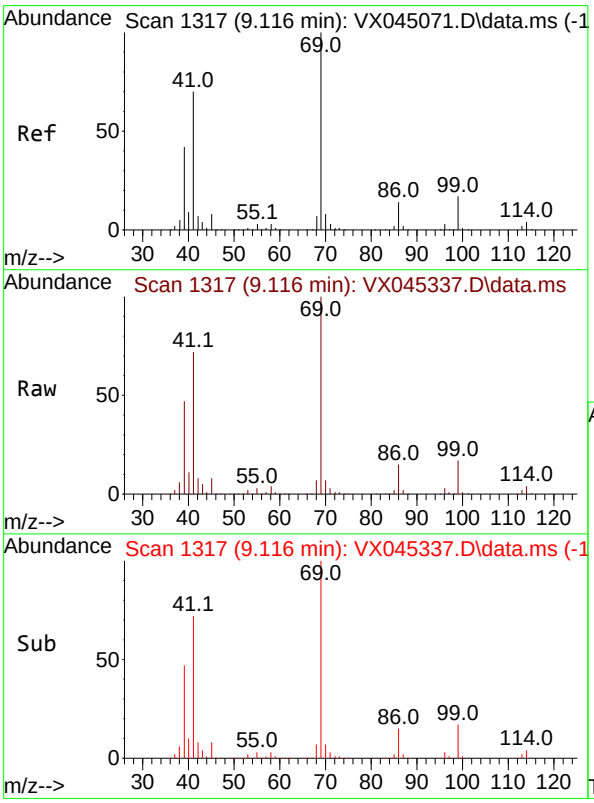
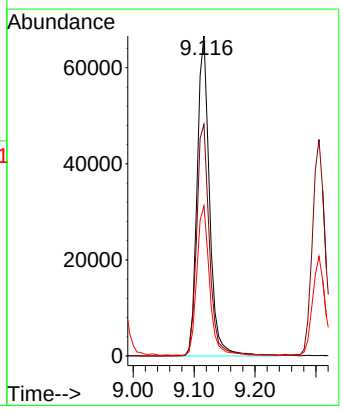
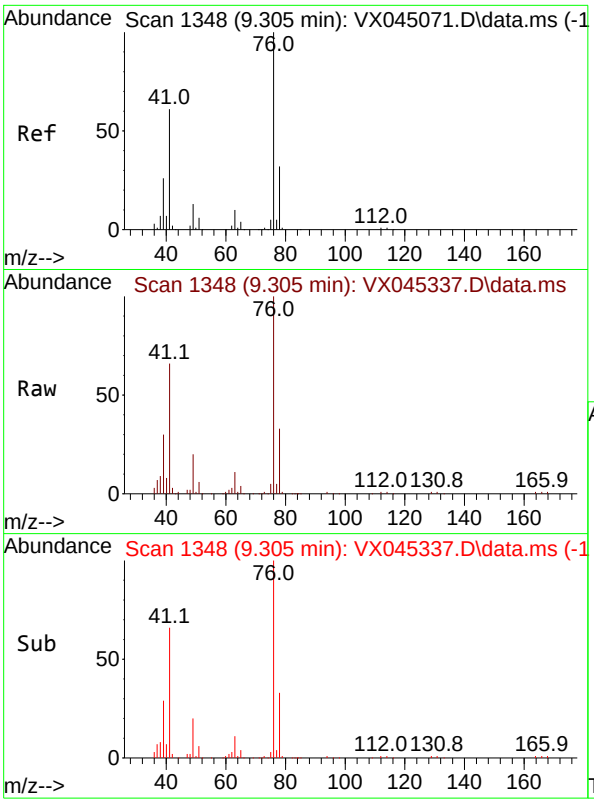


#56
Ethyl methacrylate
Concen: 59.348 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 69 Resp: 94223

Ion	Ratio	Lower	Upper
69	100		
41	74.4	57.0	85.4
39	47.7	34.2	51.4

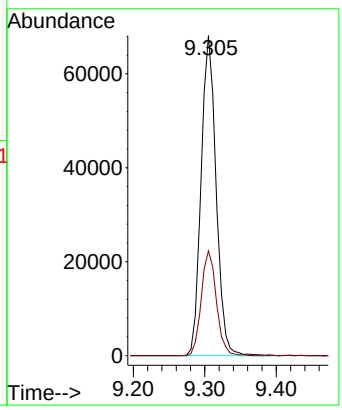




#57
1,3-Dichloropropane
Concen: 54.993 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 76 Resp: 9940

Ion	Ratio	Lower	Upper
76	100		
78	32.9	25.5	38.3



Instrument :
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ClientSampleId :
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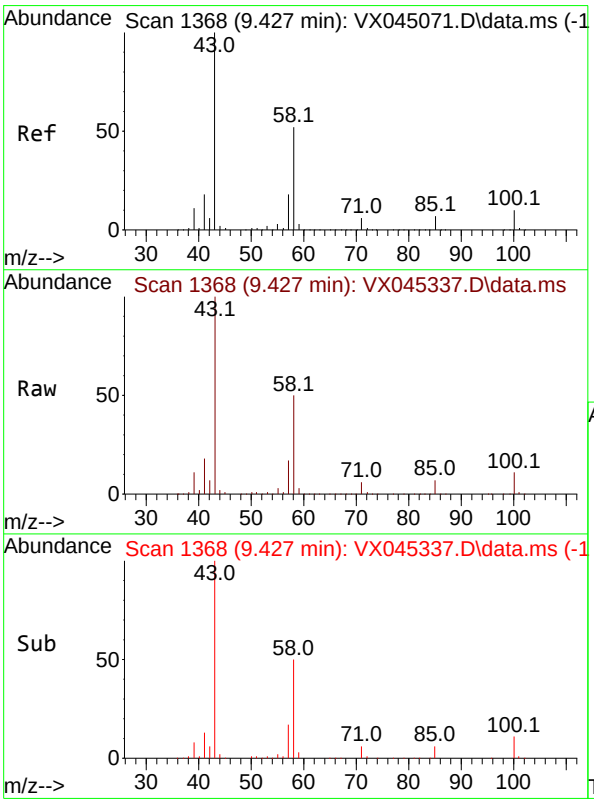
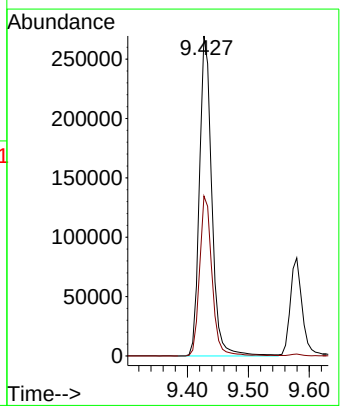
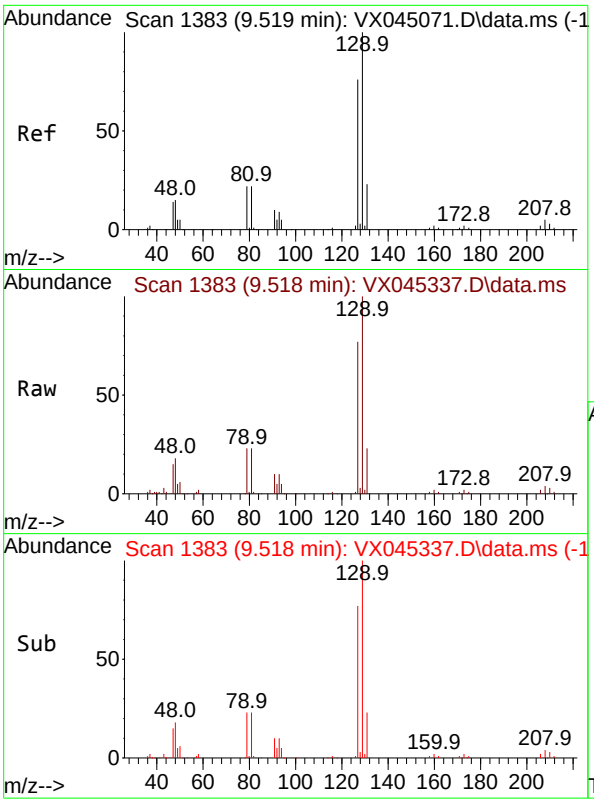


#59
2-Hexanone
Concen: 299.196 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 43 Resp: 379792

Ion	Ratio	Lower	Upper
43	100		
58	50.4	25.9	77.6

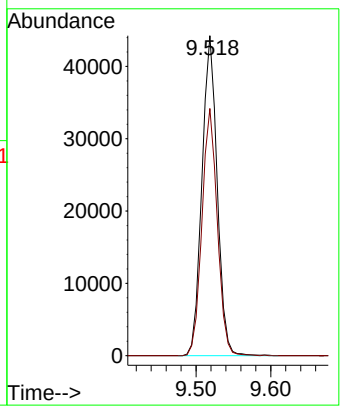




#60
Dibromochloromethane
Concen: 57.336 ug/l
RT: 9.518 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion:129 Resp: 6261

Ion	Ratio	Lower	Upper
129	100		
127	77.7	38.5	115.5



Instrument :
MSVOA_X
ClientSampleId :
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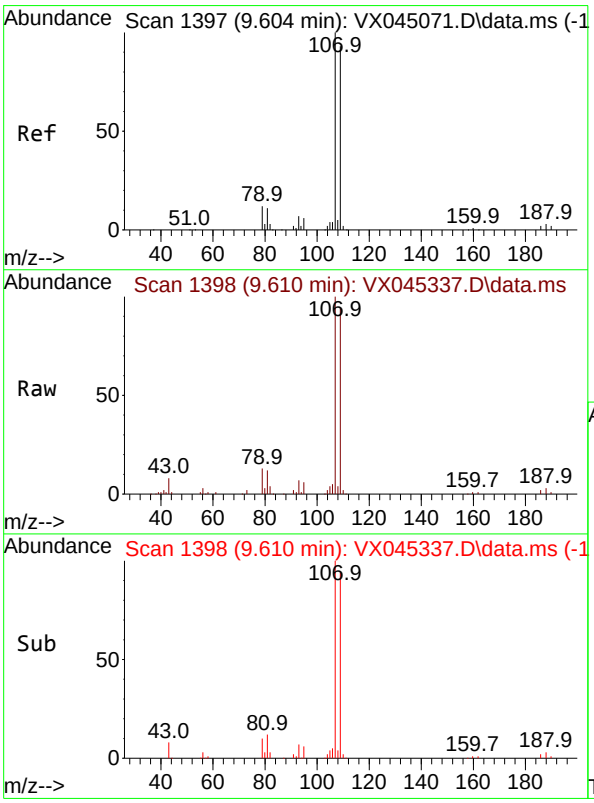
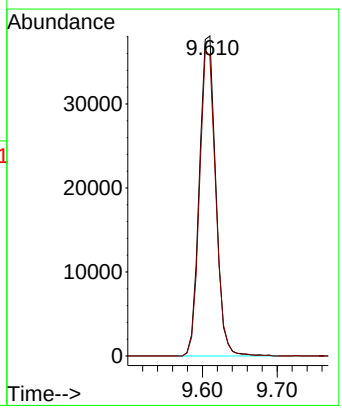
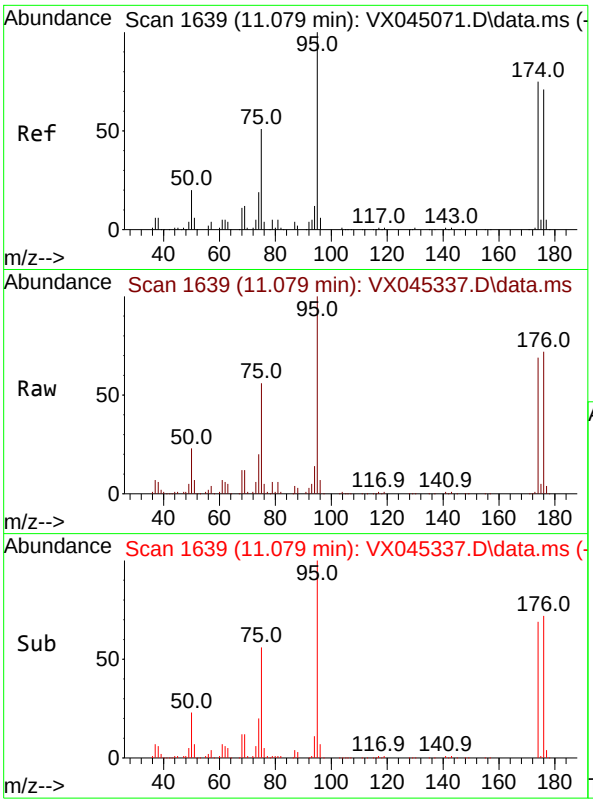


#61
1,2-Dibromoethane
Concen: 55.513 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion:107 Resp: 57882

Ion	Ratio	Lower	Upper
107	100		
109	94.8	76.1	114.1

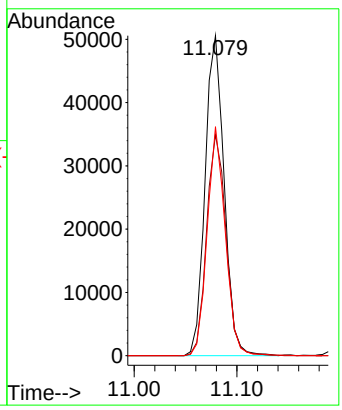




#62
4-Bromofluorobenzene
Concen: 54.227 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 95 Resp: 6504

Ion	Ratio	Lower	Upper
95	100		
174	70.5	0.0	148.2
176	67.8	0.0	141.4



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

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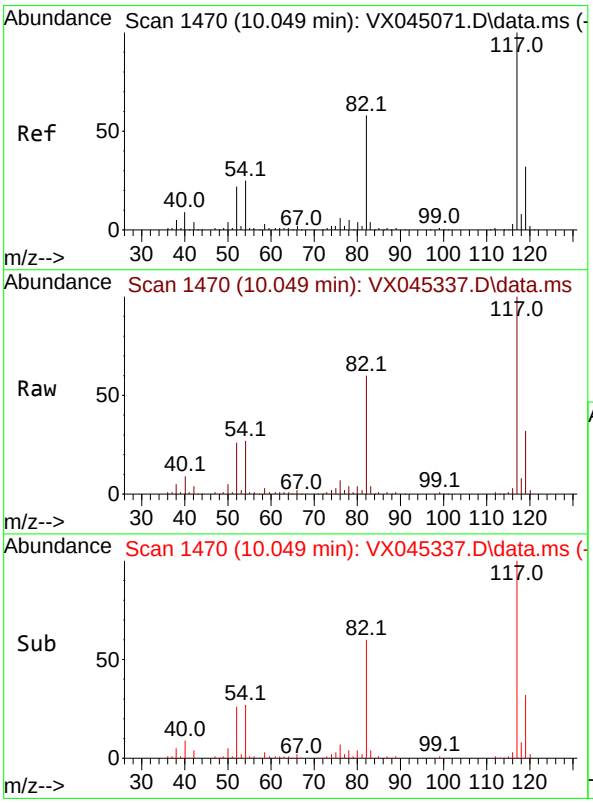
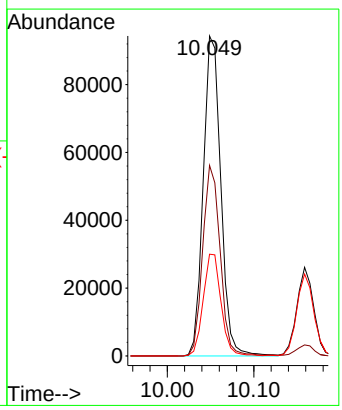
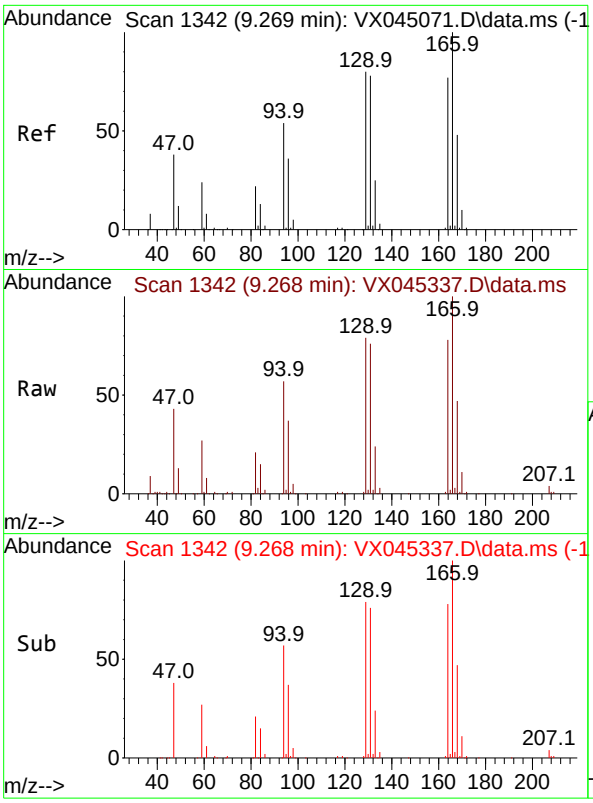


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion:117 Resp: 133072

Ion	Ratio	Lower	Upper
117	100		
82	59.5	46.3	69.5
119	31.8	25.7	38.5

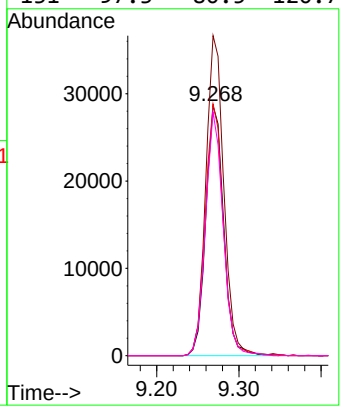




#64
Tetrachloroethene
Concen: 50.706 ug/l
RT: 9.268 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion:164 Resp: 4321

Ion	Ratio	Lower	Upper
164	100		
166	128.0	103.6	155.4
129	100.6	82.7	124.1
131	97.3	80.5	120.7



Instrument :
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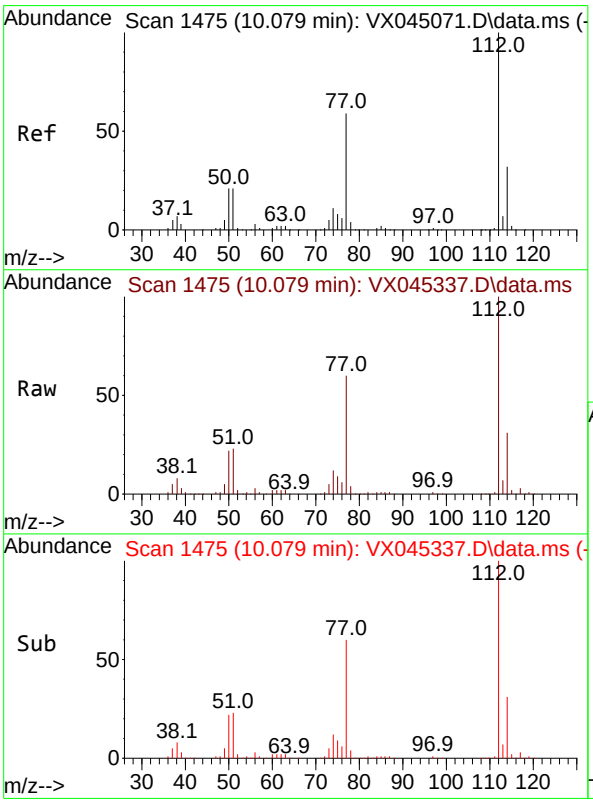
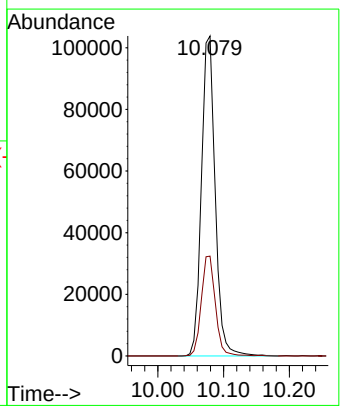
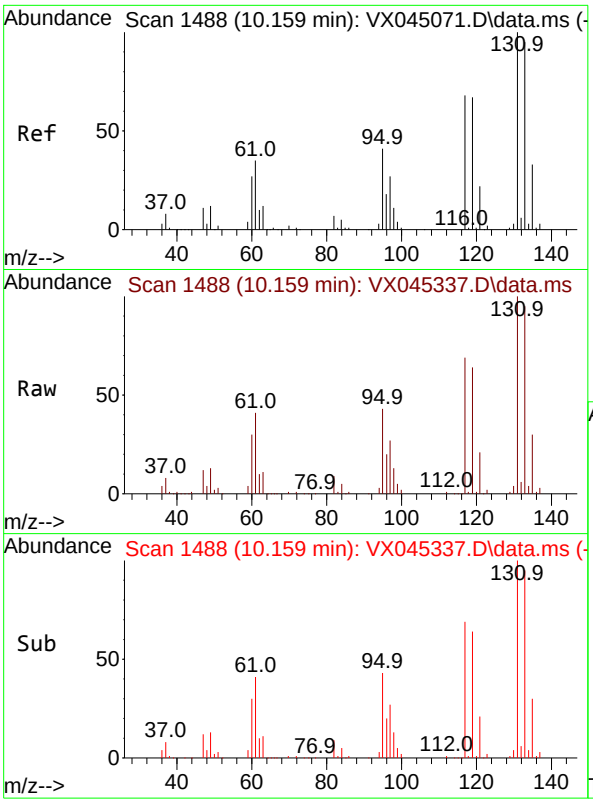


#65
Chlorobenzene
Concen: 53.694 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion:112 Resp: 151190

Ion	Ratio	Lower	Upper
112	100		
114	31.2	26.0	39.0





#66
1,1,1,2-Tetrachloroethane
Concen: 54.175 ug/l
RT: 10.159 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion:131 Resp: 5080

Ion	Ratio	Lower	Upper
131	100		
133	95.1	48.6	145.9
119	65.3	33.9	101.7

Instrument :
MSVOA_X
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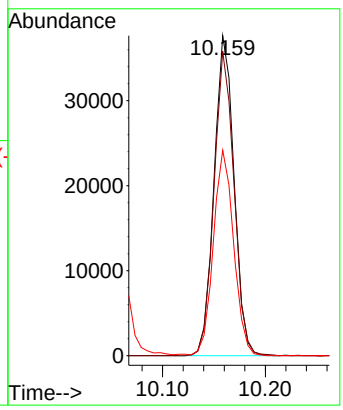
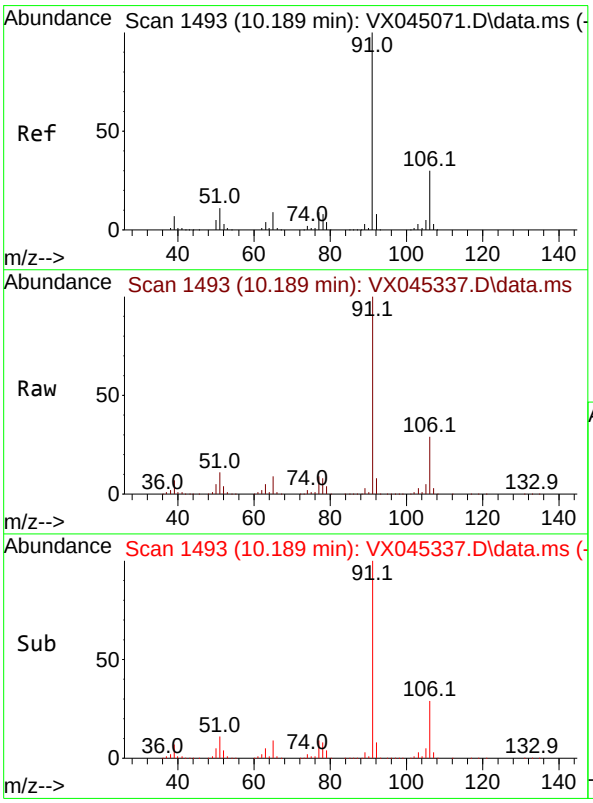
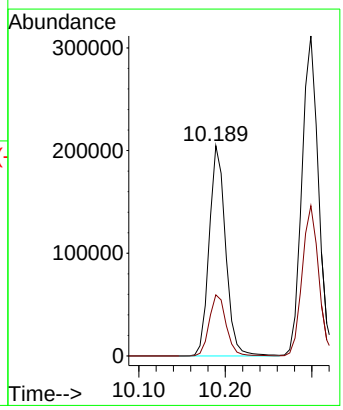


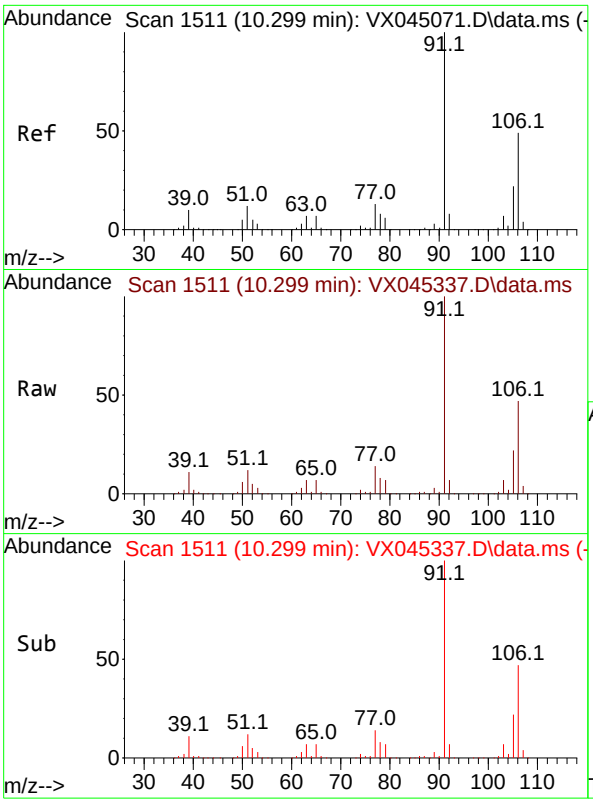


#67
Ethyl Benzene
Concen: 54.878 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 91 Resp: 269251

Ion	Ratio	Lower	Upper
91	100		
106	29.1	23.9	35.9

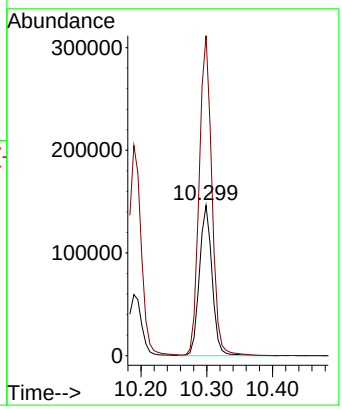




#68
m/p-Xylenes
Concen: 108.967 ug/l
RT: 10.299 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion:106 Resp: 19571

Ion	Ratio	Lower	Upper
106	100		
91	213.4	165.4	248.0



Instrument :
MSVOA_X
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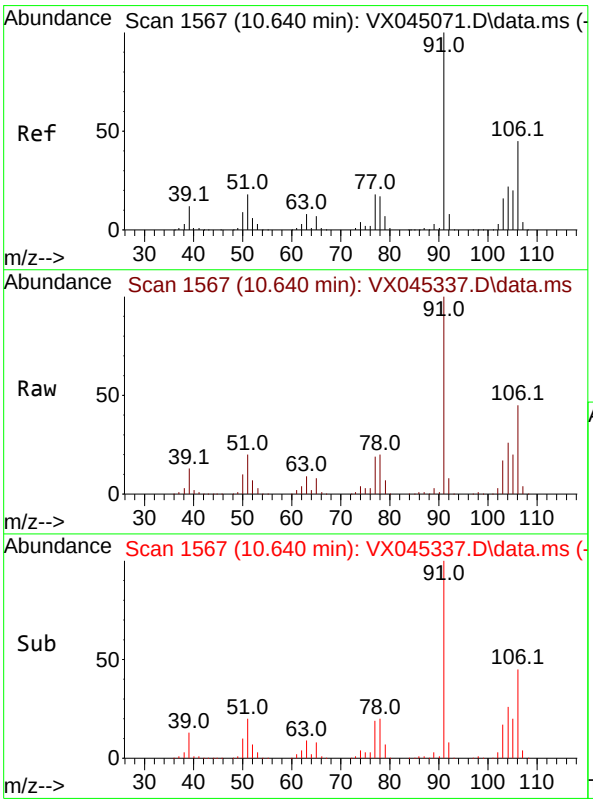
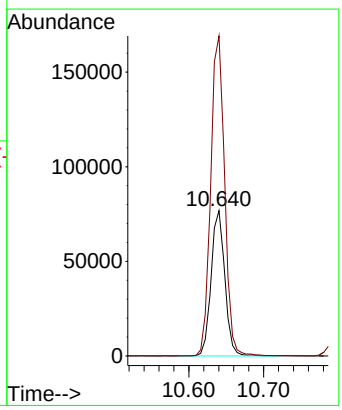
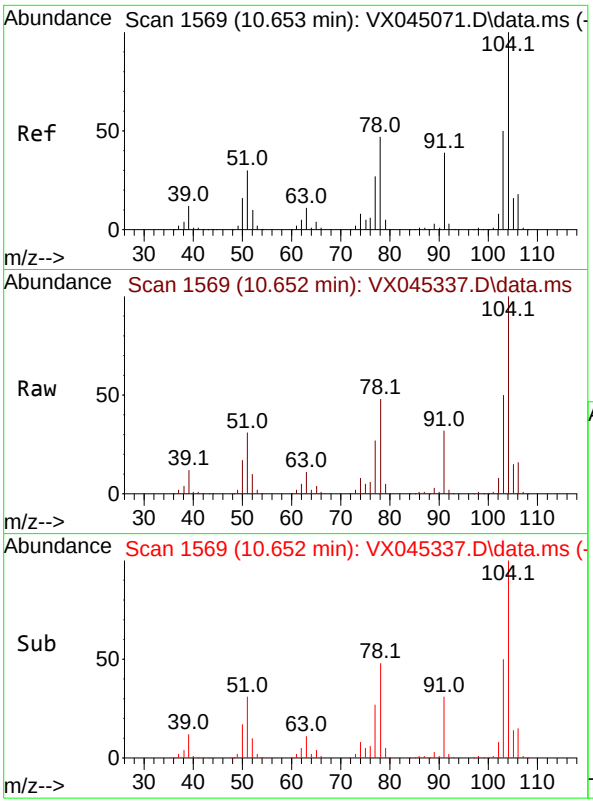


#69
o-Xylene
Concen: 54.248 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion:106 Resp: 98268

Ion	Ratio	Lower	Upper
106	100		
91	223.4	109.9	329.6

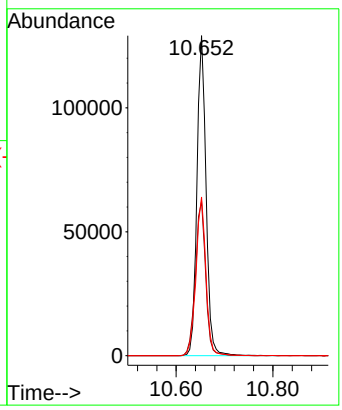




#70
Styrene
Concen: 57.429 ug/l
RT: 10.652 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion:104 Resp: 16832

Ion	Ratio	Lower	Upper
104	100		
78	54.5	42.2	63.4
103	54.3	43.8	65.8



Instrument :
MSVOA_X
ClientSampleId :
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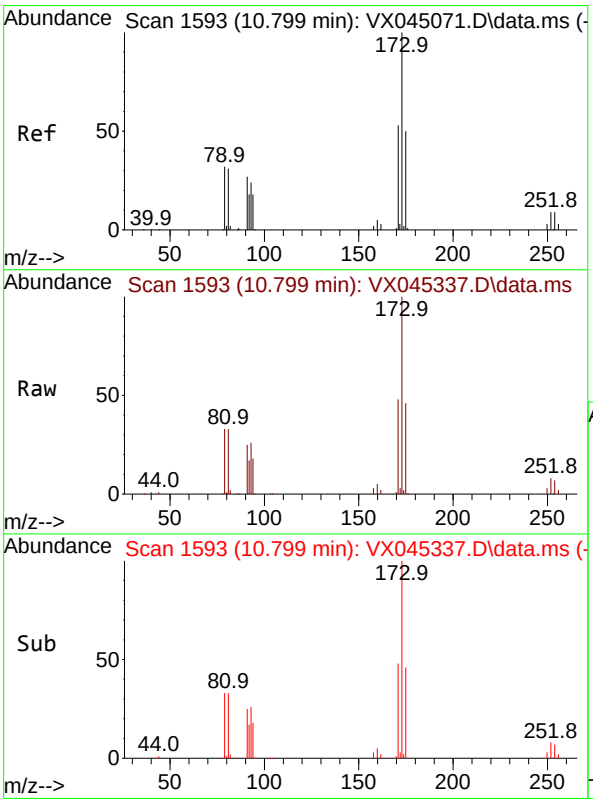
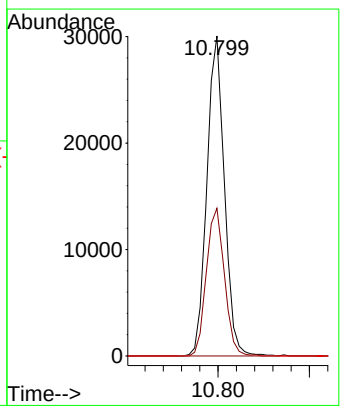
Supervised By :Mahesh Dadoda 03/19/2025

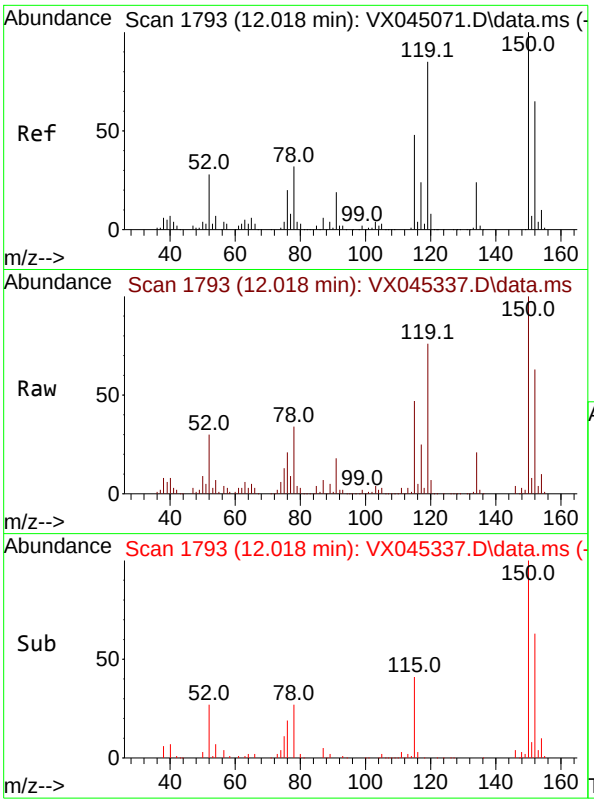


#71
Bromoform
Concen: 56.346 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion:173 Resp: 39843

Ion	Ratio	Lower	Upper
173	100		
175	47.7	24.6	73.6
254	0.0	0.0	0.0

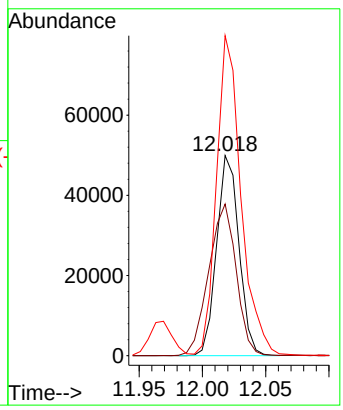




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion:152 Resp: 6117

Ion	Ratio	Lower	Upper
152	100		
115	93.5	44.2	132.6
150	175.9	0.0	349.0



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

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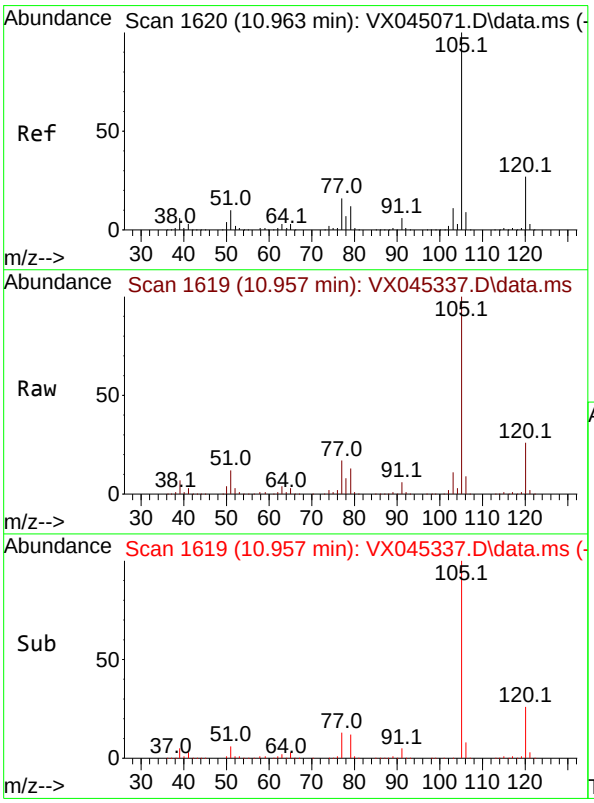
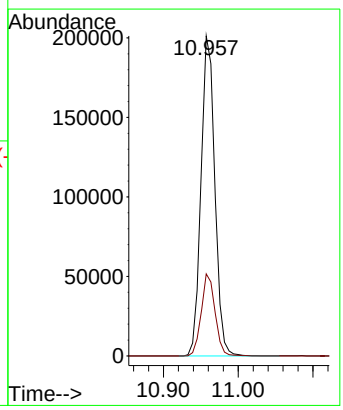
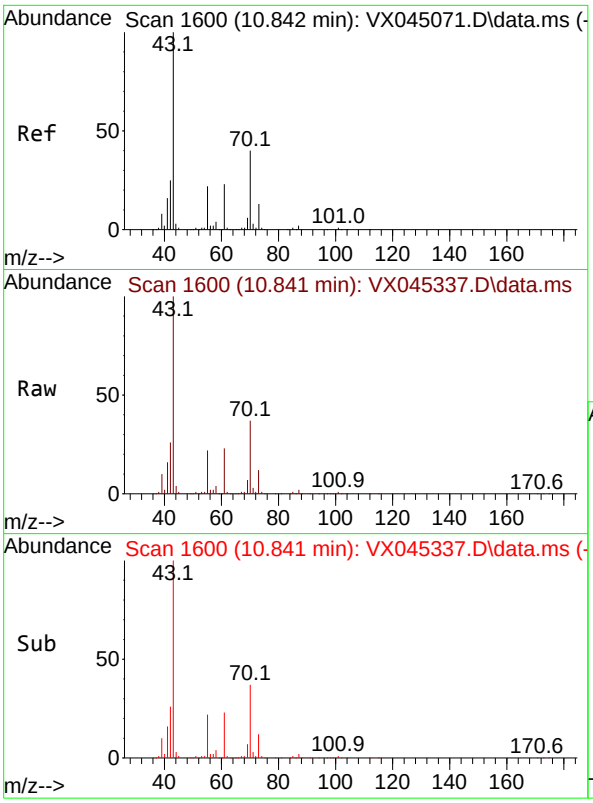


#73
Isopropylbenzene
Concen: 54.130 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion:105 Resp: 258465

Ion	Ratio	Lower	Upper
105	100		
120	25.6	13.2	39.5

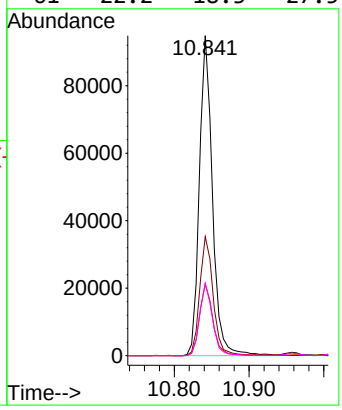




#74
N-amyl acetate
Concen: 51.505 ug/l
RT: 10.841 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 43 Resp: 11539

Ion	Ratio	Lower	Upper
43	100		
70	38.3	31.8	47.6
55	23.0	18.3	27.5
61	22.2	18.3	27.5



Instrument :
MSVOA_X
ClientSampleId :
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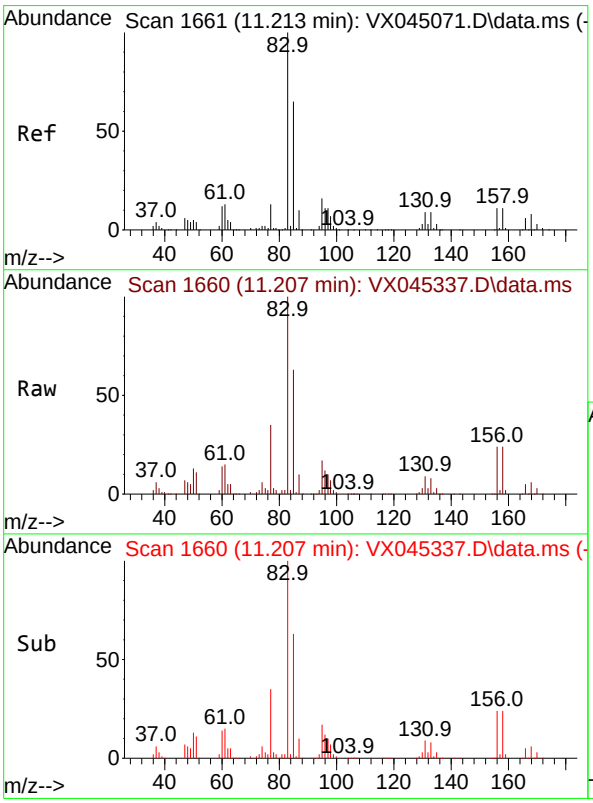
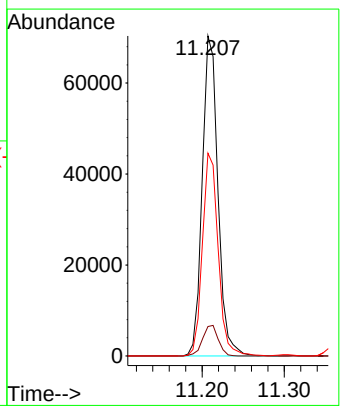
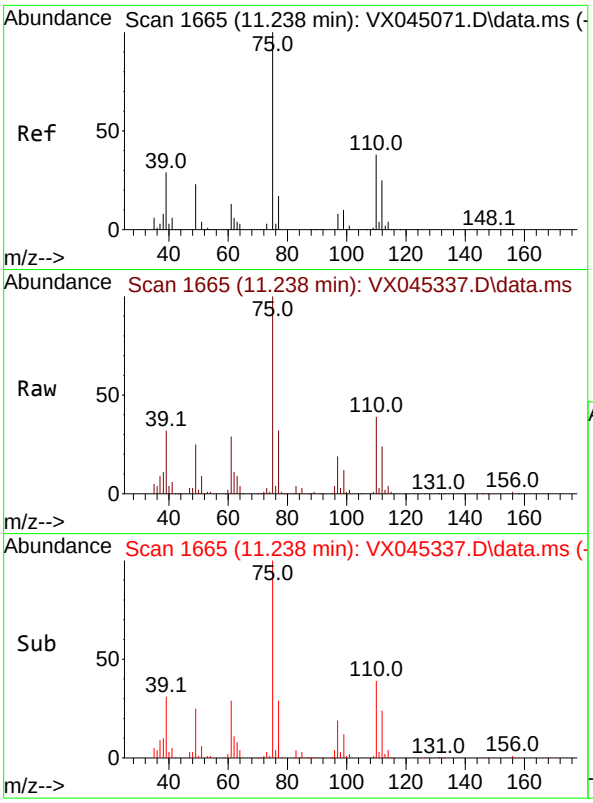


#75
1,1,2,2-Tetrachloroethane
Concen: 53.154 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 83 Resp: 93136

Ion	Ratio	Lower	Upper
83	100		
131	9.6	4.5	13.4
85	63.7	31.7	95.1

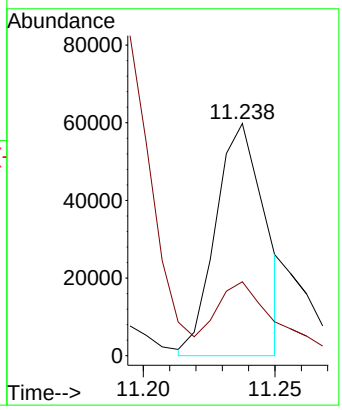




#76
1,2,3-Trichloropropane
Concen: 54.369 ug/l m
RT: 11.238 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 75 Resp: 7741

Ion	Ratio	Lower	Upper
75	100		
77	38.9	20.7	62.1



Instrument :
MSVOA_X
ClientSampleId :
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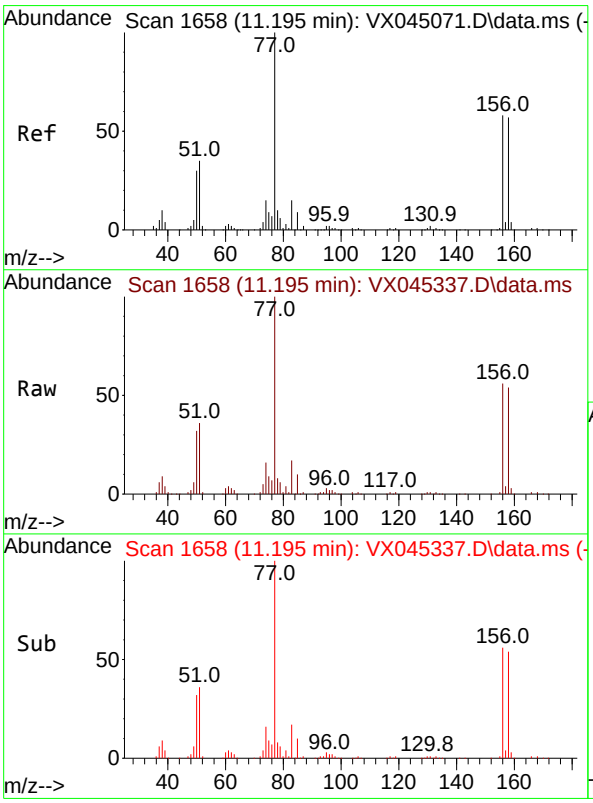
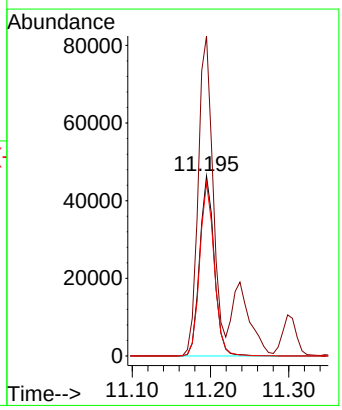
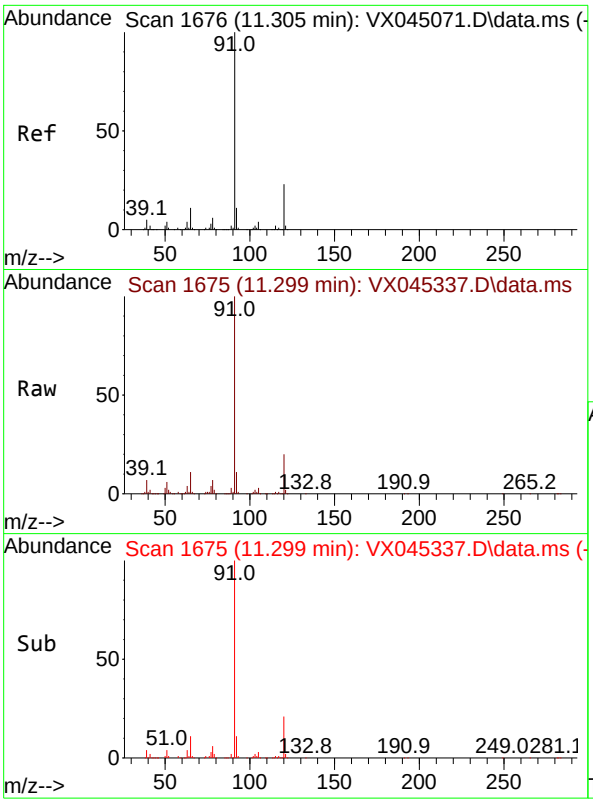


#77
Bromobenzene
Concen: 52.979 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion:156 Resp: 59686

Ion	Ratio	Lower	Upper
156	100		
77	181.4	85.8	257.4
158	96.4	48.4	145.2





#78
n-propylbenzene
Concen: 56.452 ug/l
RT: 11.299 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 91 Resp: 30449

Ion	Ratio	Lower	Upper
91	100		
120	21.5	11.2	33.6

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

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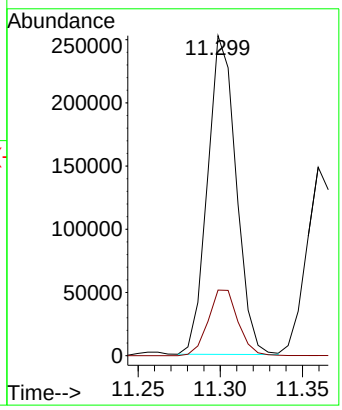
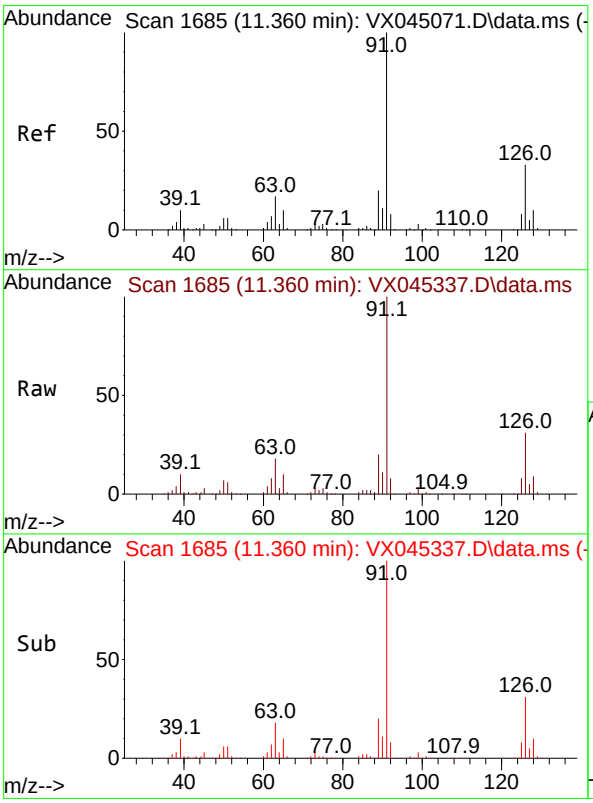
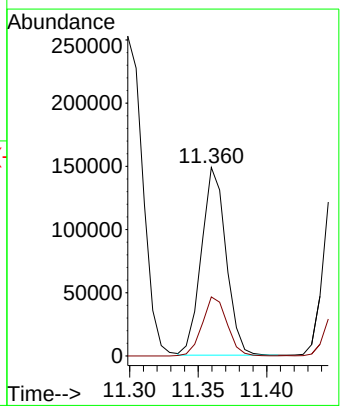


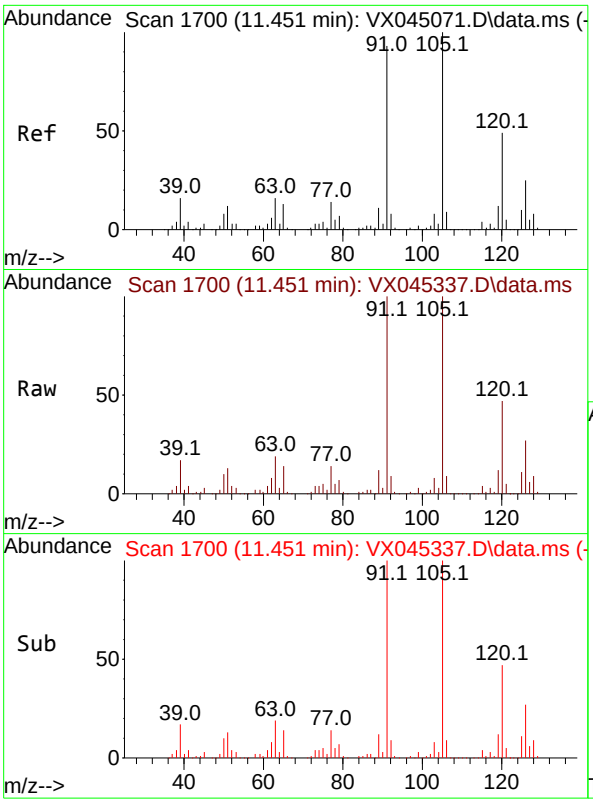


#79
2-Chlorotoluene
Concen: 54.133 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 91 Resp: 185955

Ion	Ratio	Lower	Upper
91	100		
126	31.8	16.4	49.4

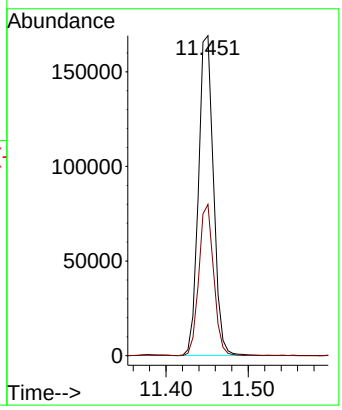




#80
1,3,5-Trimethylbenzene
Concen: 55.591 ug/l
RT: 11.451 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion:105 Resp: 21462

Ion	Ratio	Lower	Upper
105	100		
120	46.7	24.1	72.2



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

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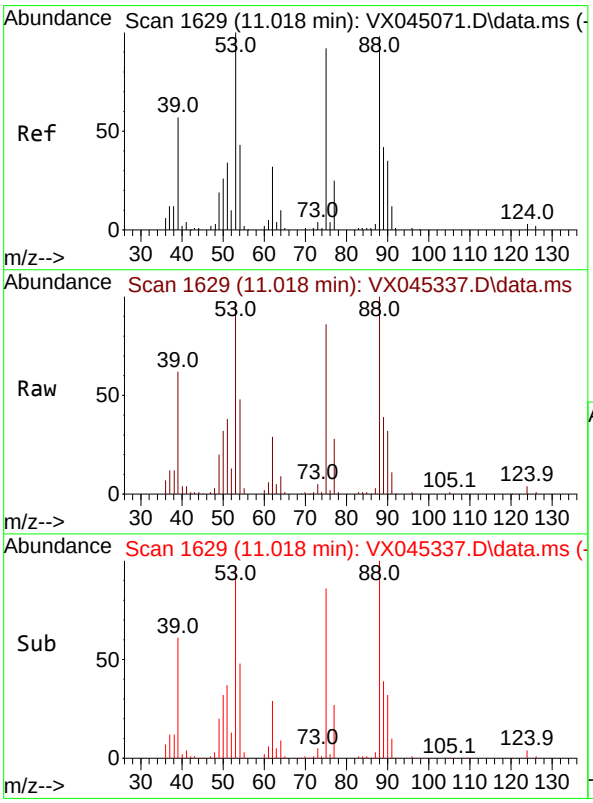
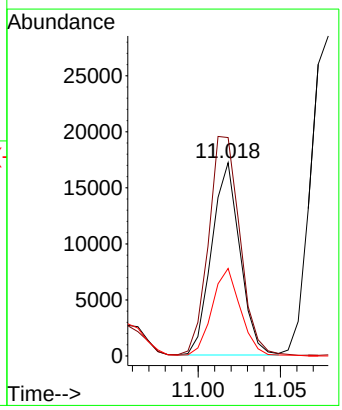
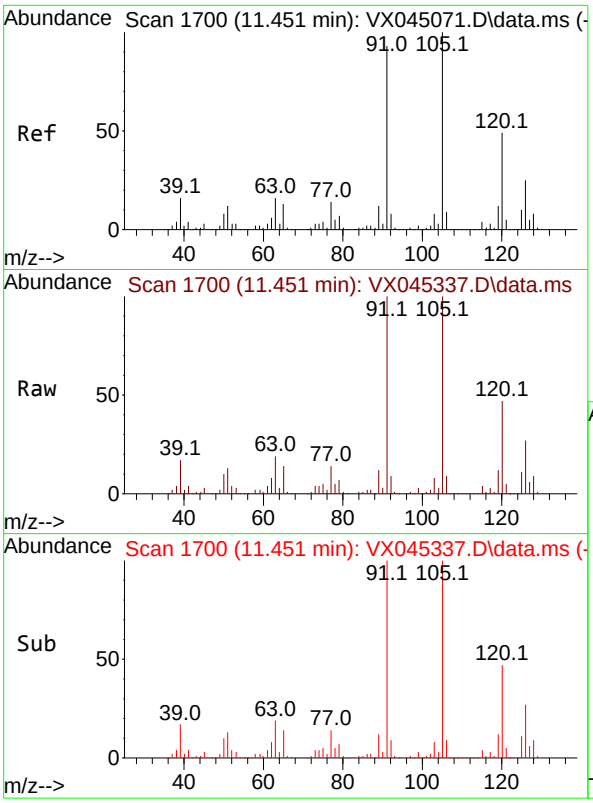


#81
trans-1,4-Dichloro-2-butene
Concen: 49.401 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 75 Resp: 20554

Ion	Ratio	Lower	Upper
75	100		
53	126.1	88.5	132.7
89	46.0	36.2	54.4

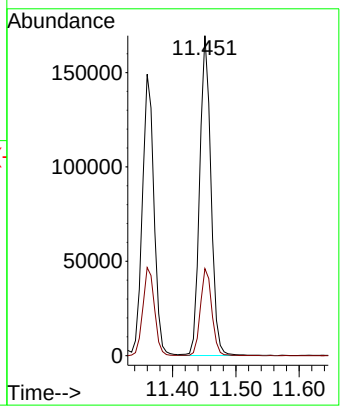




#82
4-Chlorotoluene
Concen: 56.171 ug/l
RT: 11.451 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 91 Resp: 21029

Ion	Ratio	Lower	Upper
91	100		
126	27.6	14.1	42.4



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

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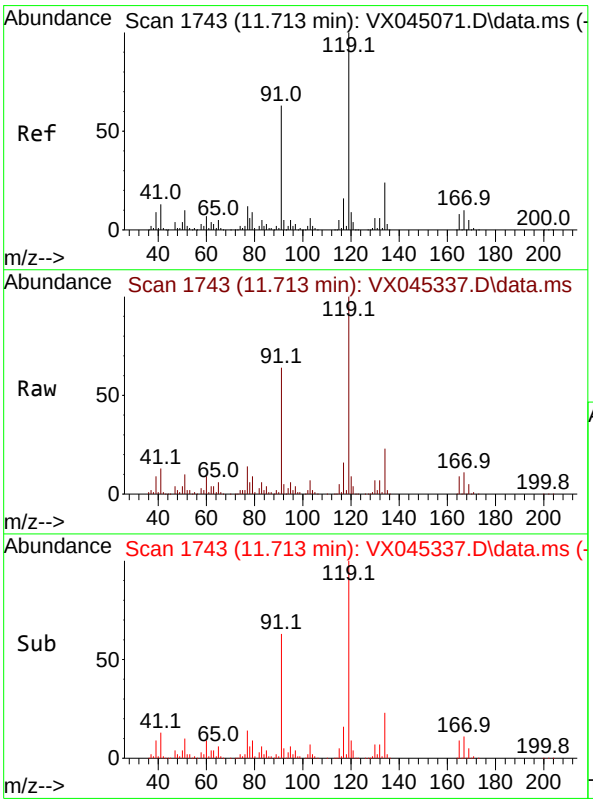
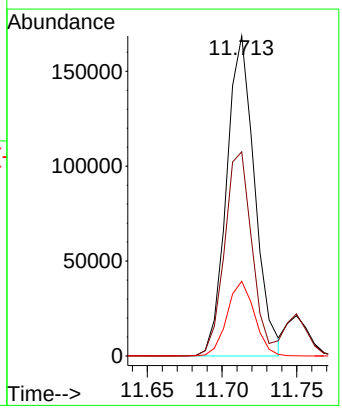
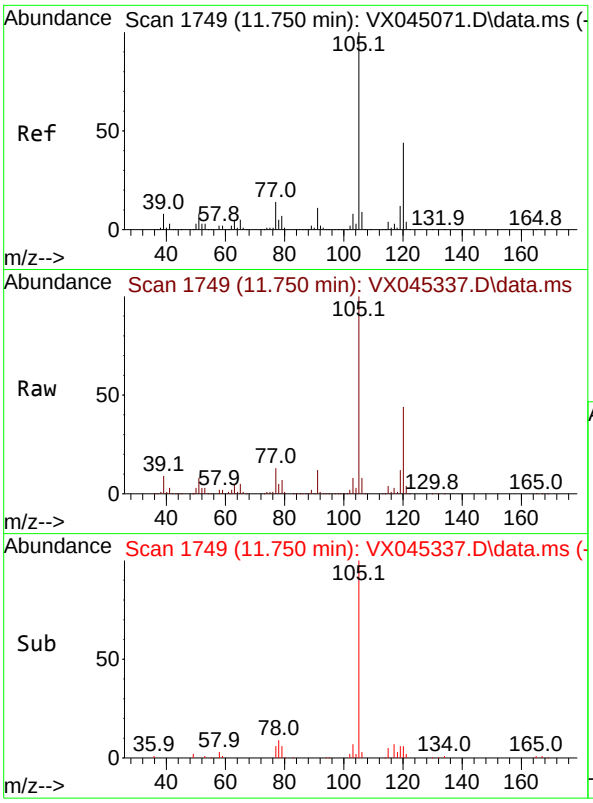


#83
tert-Butylbenzene
Concen: 55.404 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion:119 Resp: 219782

Ion	Ratio	Lower	Upper
119	100		
91	62.2	30.7	92.1
134	22.8	11.7	35.0

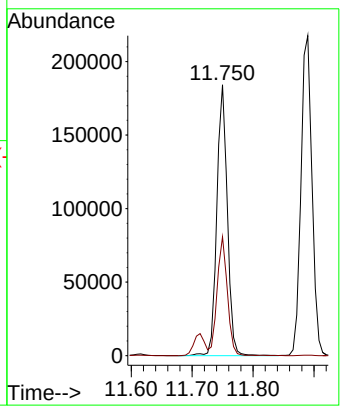




#84
1,2,4-Trimethylbenzene
Concen: 56.470 ug/l
RT: 11.750 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion:105 Resp: 21937

Ion	Ratio	Lower	Upper
105	100		
120	43.1	22.1	66.1



Instrument :
MSVOA_X
ClientSampleId :
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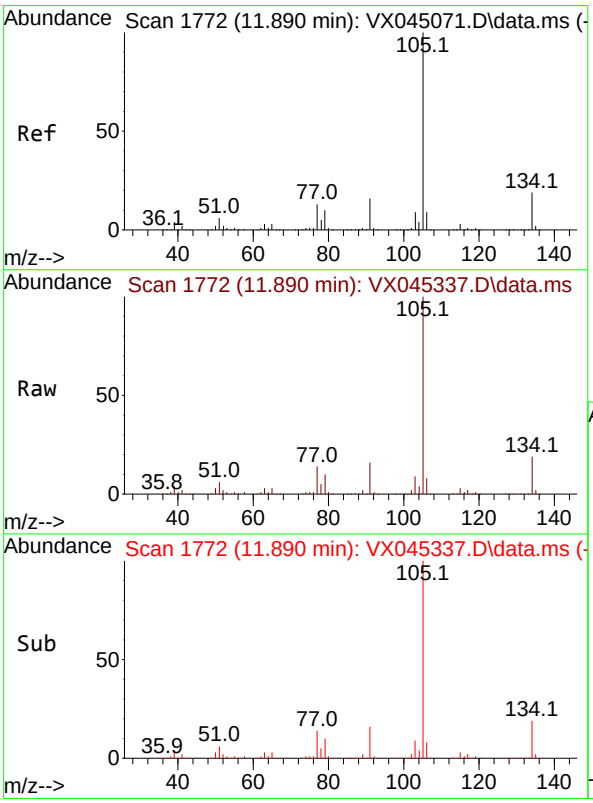
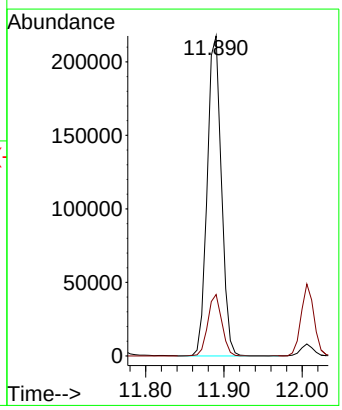
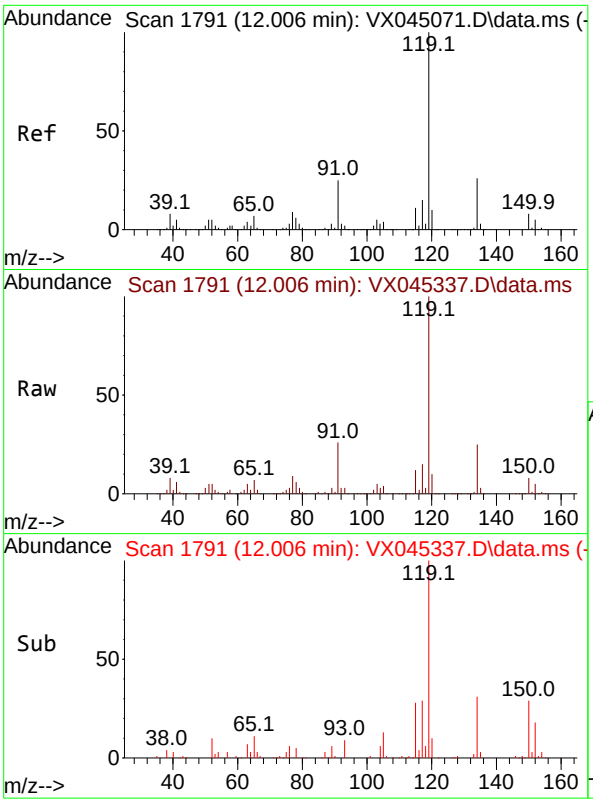


#85
sec-Butylbenzene
Concen: 57.458 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion:105 Resp: 273035

Ion	Ratio	Lower	Upper
105	100		
134	19.0	9.8	29.4

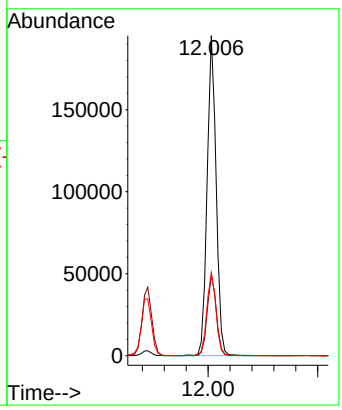




#86
p-Isopropyltoluene
Concen: 57.448 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion:119 Resp: 22061

Ion	Ratio	Lower	Upper
119	100		
134	25.5	12.9	38.6
91	26.5	12.7	38.0



Instrument :
MSVOA_X
ClientSampleId :
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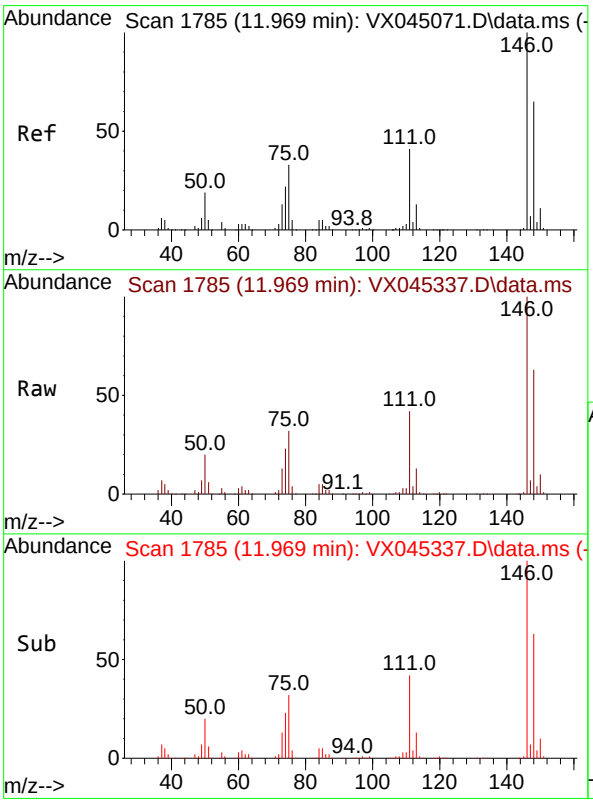
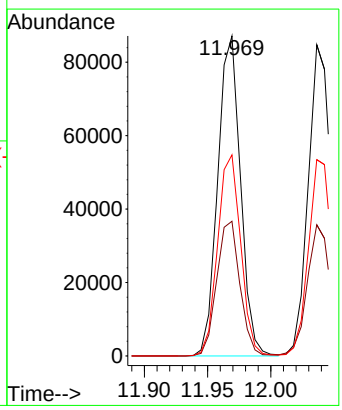
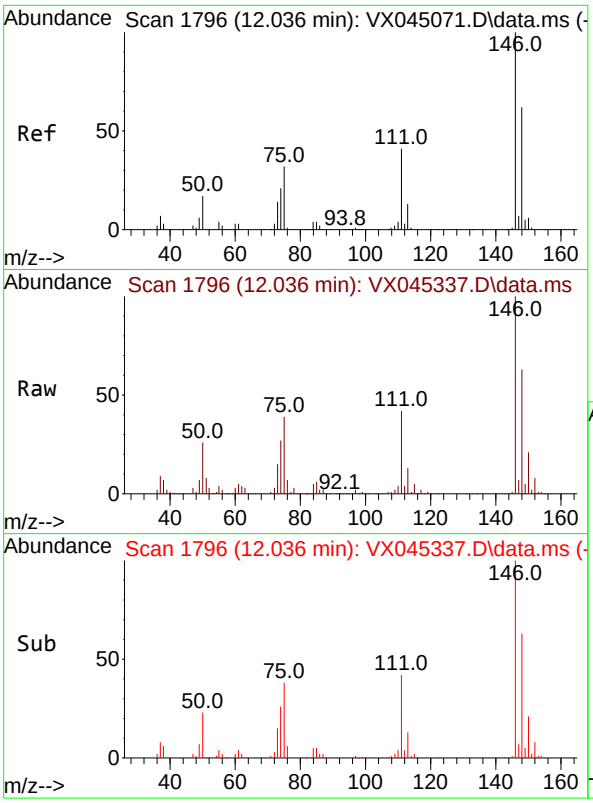


#87
1,3-Dichlorobenzene
Concen: 54.228 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion:146 Resp: 108987

Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.1	63.4
148	63.8	31.9	95.7

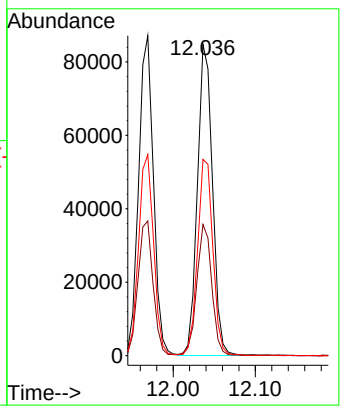




#88
1,4-Dichlorobenzene
Concen: 53.071 ug/l
RT: 12.036 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion:146 Resp: 10791

Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.2	60.5
148	64.0	31.9	95.9



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

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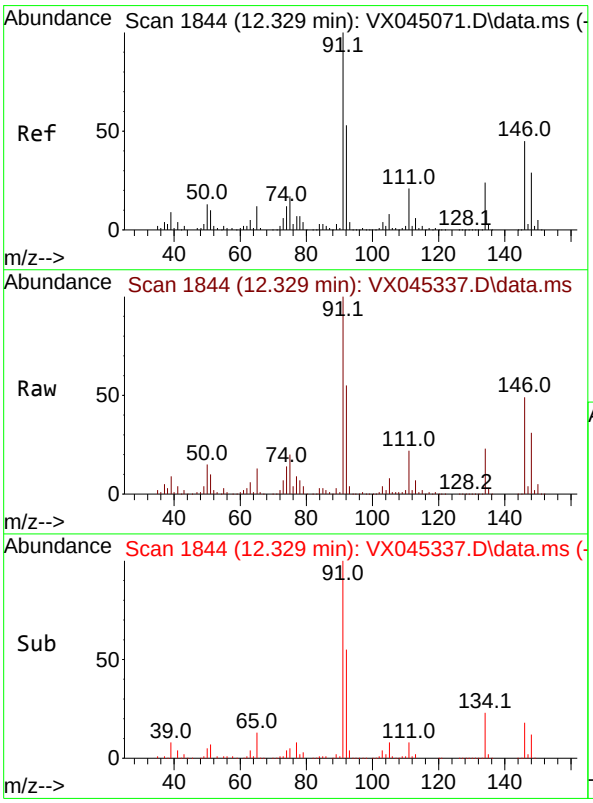
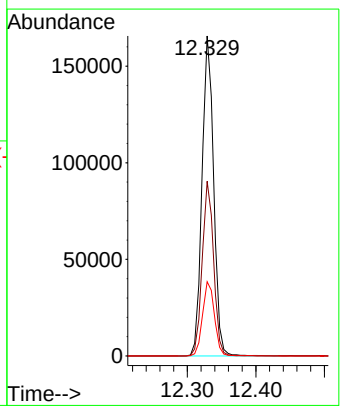
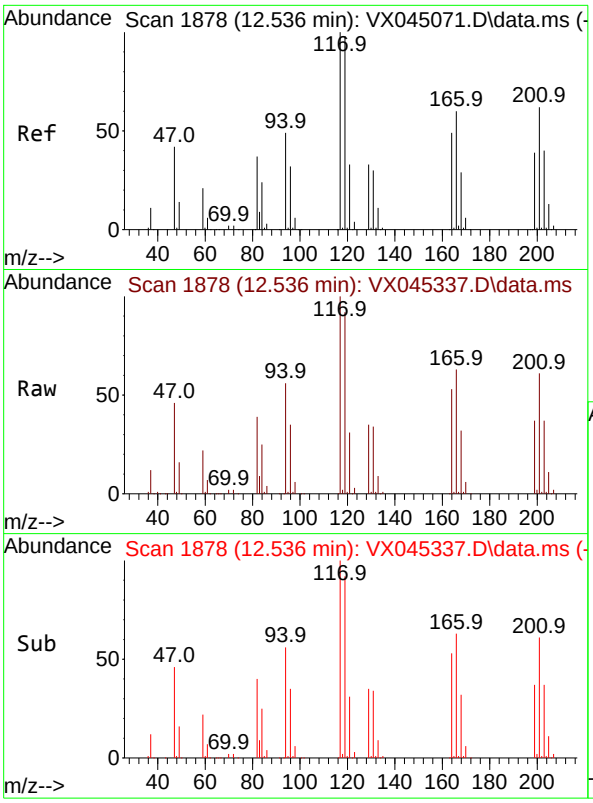


#89
n-Butylbenzene
Concen: 59.190 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 91 Resp: 195767

Ion	Ratio	Lower	Upper
91	100		
92	53.7	26.7	80.0
134	23.7	12.2	36.6

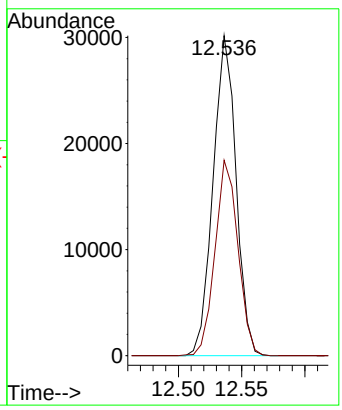




#90
Hexachloroethane
Concen: 54.732 ug/l
RT: 12.536 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion:117 Resp: 3801

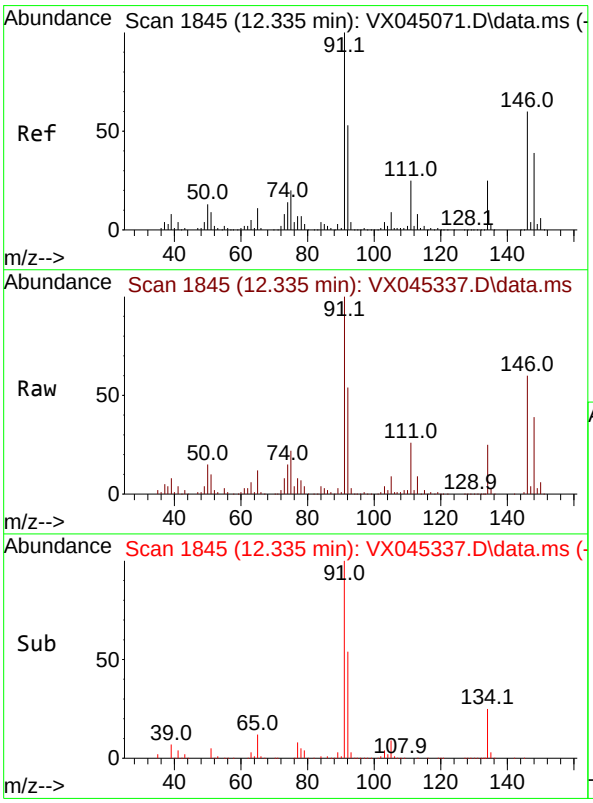
Ion	Ratio	Lower	Upper
117	100		
201	61.1	31.9	95.9



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

Manual Integrations
APPROVED

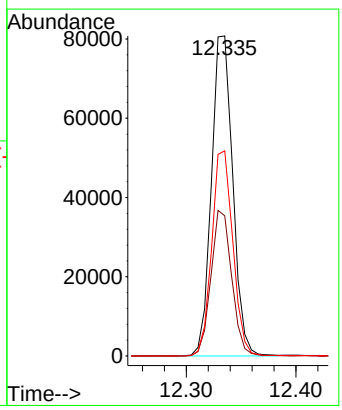
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

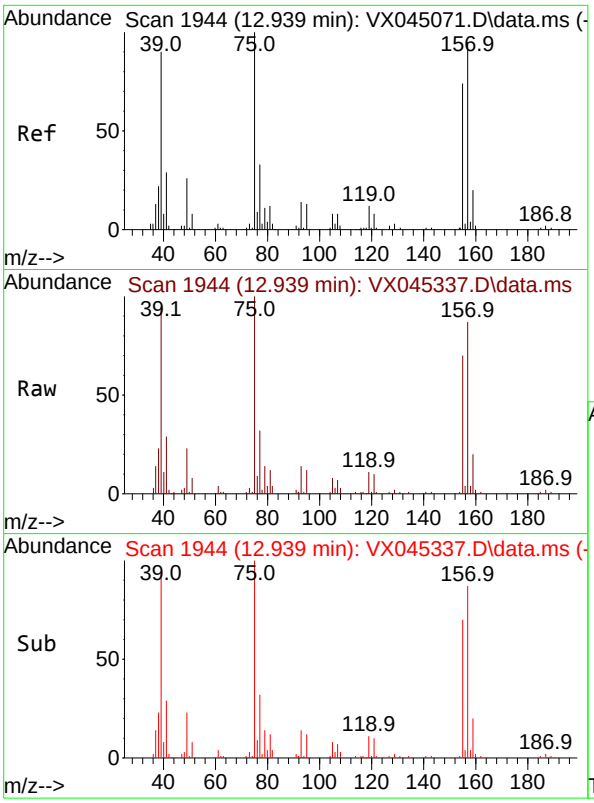


#91
1,2-Dichlorobenzene
Concen: 54.249 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion:146 Resp: 109371

Ion	Ratio	Lower	Upper
146	100		
111	44.3	21.6	65.0
148	63.7	31.9	95.9

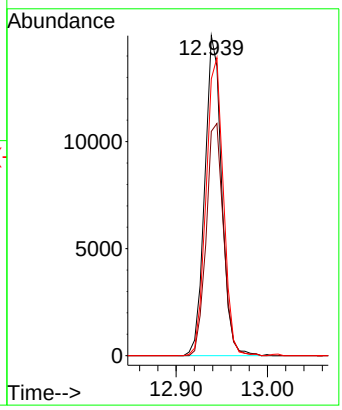




#92
1,2-Dibromo-3-Chloropropane
Concen: 55.988 ug/l
RT: 12.939 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 75 Resp: 1911

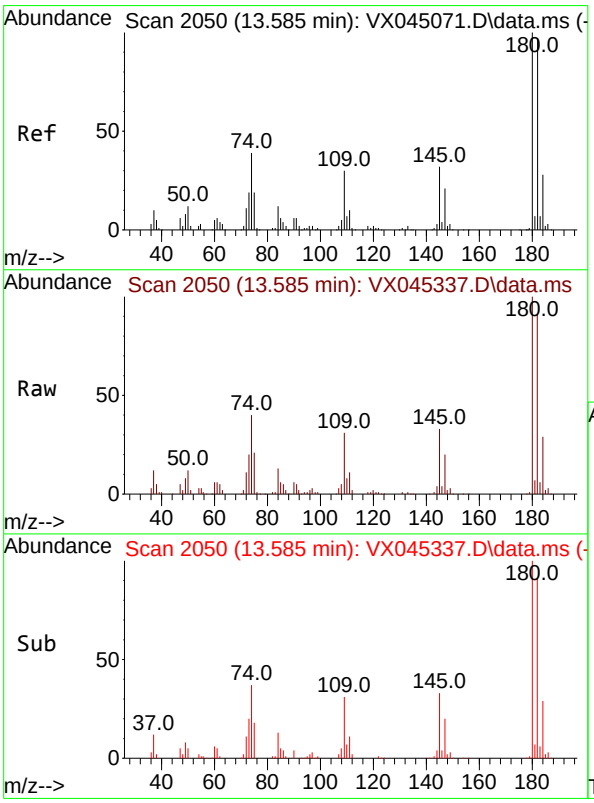
Ion	Ratio	Lower	Upper
75	100		
155	74.4	39.6	118.7
157	95.3	51.1	153.4



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

Manual Integrations
APPROVED

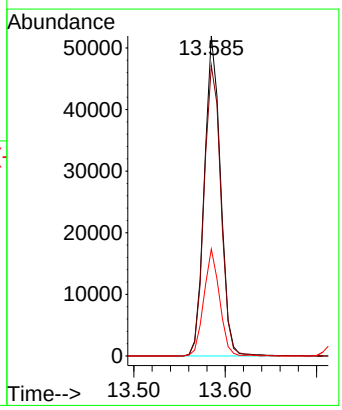
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

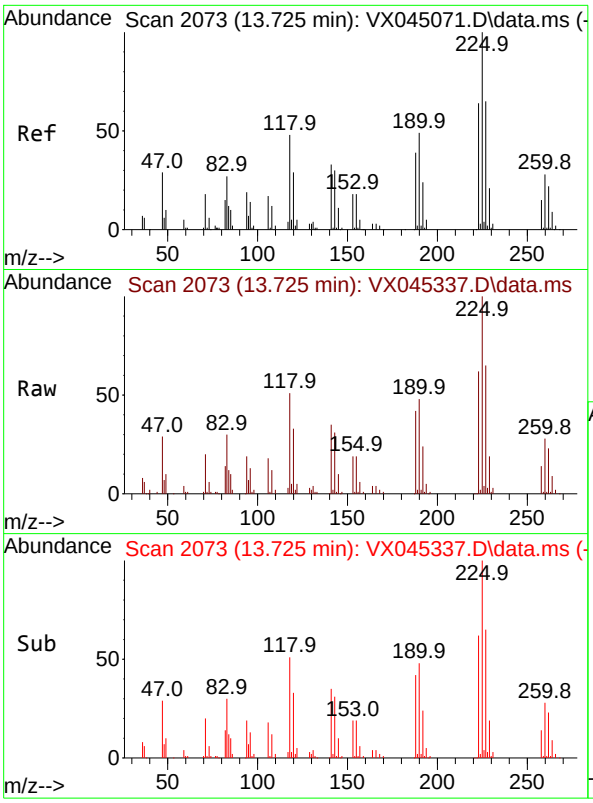


#93
1,2,4-Trichlorobenzene
Concen: 55.334 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion:180 Resp: 63523

Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.3	141.9
145	32.3	16.3	48.9

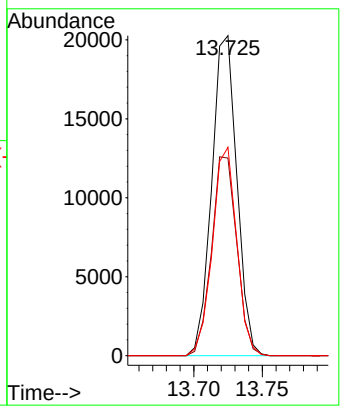




#94
Hexachlorobutadiene
Concen: 54.828 ug/l
RT: 13.725 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion:225 Resp: 2580

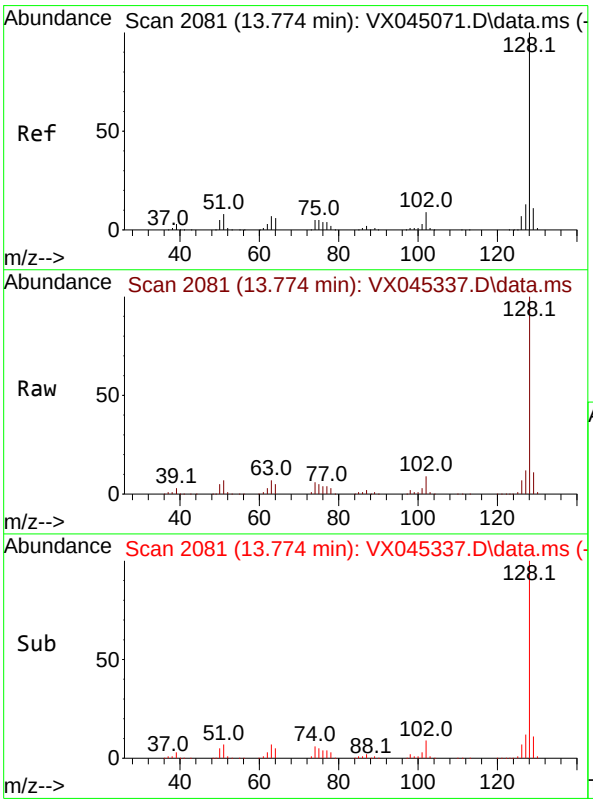
Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.9	95.7
227	63.0	31.4	94.0



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

Manual Integrations
APPROVED

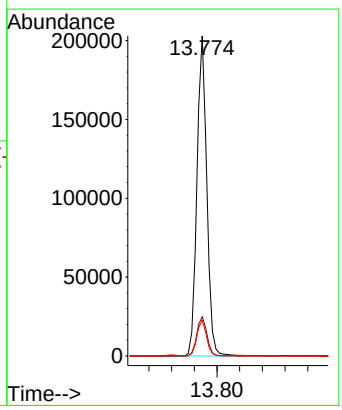
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

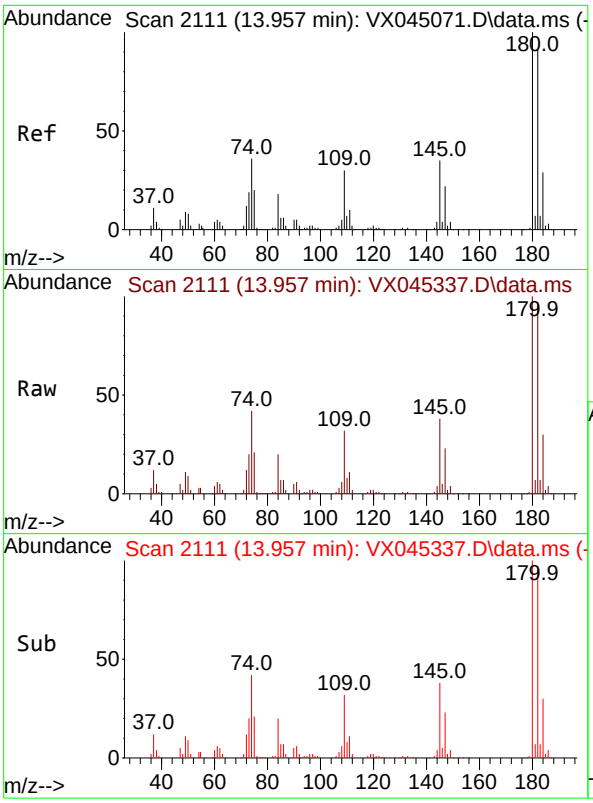


#95
Naphthalene
Concen: 55.453 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion:128 Resp: 244582

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.3	15.5
129	10.9	8.7	13.1

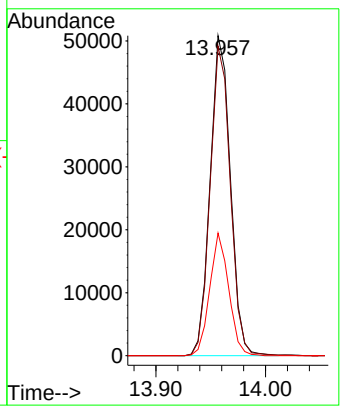




#96
1,2,3-Trichlorobenzene
Concen: 54.025 ug/l
RT: 13.957 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion:180 Resp: 6542

Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.5	142.6
145	35.8	17.0	50.9



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

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

Manual Integration Report

Sequence:	VX022825	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VX045068.D	1,2,3-Trichloropropane	JOHN	2/28/2025 10:05:09 AM	MMDadoda	2/28/2025 11:09:31 AM	Peak Integrated by Software
VSTDICC001	VX045068.D	1,4-Dichlorobenzene	JOHN	2/28/2025 10:05:09 AM	MMDadoda	2/28/2025 11:09:31 AM	Peak Integrated by Software
VSTDICC001	VX045068.D	Carbon Tetrachloride	JOHN	2/28/2025 10:05:09 AM	MMDadoda	2/28/2025 11:09:31 AM	Peak Integrated by Software
VSTDICC001	VX045068.D	Chloroethane	JOHN	2/28/2025 10:05:09 AM	MMDadoda	2/28/2025 11:09:31 AM	Peak Integrated by Software
VSTDICC001	VX045068.D	Ethyl Acetate	JOHN	2/28/2025 10:05:09 AM	MMDadoda	2/28/2025 11:09:31 AM	Peak Integrated by Software
VSTDICC001	VX045068.D	Methacrylonitrile	JOHN	2/28/2025 10:05:09 AM	MMDadoda	2/28/2025 11:09:31 AM	Peak Integrated by Software
VSTDICC001	VX045068.D	Methyl methacrylate	JOHN	2/28/2025 10:05:09 AM	MMDadoda	2/28/2025 11:09:31 AM	Peak Integrated by Software
VSTDICC005	VX045069.D	1,2,3-Trichloropropane	JOHN	2/28/2025 10:05:14 AM	MMDadoda	2/28/2025 11:09:31 AM	Peak Integrated by Software
VSTDICC005	VX045069.D	Tert butyl alcohol	JOHN	2/28/2025 10:05:14 AM	MMDadoda	2/28/2025 11:09:31 AM	Peak Integrated by Software
VSTDICC020	VX045070.D	1,2,3-Trichloropropane	JOHN	2/28/2025 10:05:21 AM	MMDadoda	2/28/2025 11:09:33 AM	Peak Integrated by Software
VSTDICCC050	VX045071.D	1,2,3-Trichloropropane	JOHN	2/28/2025 10:05:25 AM	MMDadoda	2/28/2025 11:09:35 AM	Peak Integrated by Software
VSTDICC100	VX045072.D	1,2,3-Trichloropropane	JOHN	2/28/2025 10:05:30 AM	MMDadoda	2/28/2025 11:09:37 AM	Peak Integrated by Software
VSTDICC150	VX045073.D	1,2,3-Trichloropropane	JOHN	2/28/2025 10:05:33 AM	MMDadoda	2/28/2025 11:09:42 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX022825	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICV050	VX045075.D	1,2,3-Trichloropropane	JOHN	2/28/2025 10:05:38 AM	MMDadoda	2/28/2025 11:09:44 AM	Peak Integrated by Software
VSTDCCC050	VX045077.D	1,2,3-Trichloropropane	JOHN	3/3/2025 8:20:45 AM	MMDadoda	3/3/2025 1:49:43 PM	Peak Integrated by Software
VSTDCCC050	VX045077.D	Tert butyl alcohol	JOHN	3/3/2025 8:20:45 AM	MMDadoda	3/3/2025 1:49:43 PM	Peak Integrated by Software
VSTDCCC050	VX045098.D	1,2,3-Trichloropropane	JOHN	3/3/2025 8:20:59 AM	MMDadoda	3/3/2025 1:49:50 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	vx031825	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX045312.D	1,2,3-Trichloropropane	JOHN	3/19/2025 9:50:30 AM	MMDadoda	3/19/2025 2:22:25 PM	Peak Integrated by Software
VX0318WBS01	VX045315.D	1,2,3-Trichloropropane	JOHN	3/19/2025 9:50:36 AM	MMDadoda	3/19/2025 2:22:25 PM	Peak Integrated by Software
Q1557-04MS	VX045336.D	1,2,3-Trichloropropane	JOHN	3/19/2025 9:51:07 AM	MMDadoda	3/19/2025 2:22:28 PM	Peak Integrated by Software
Q1557-05MSD	VX045337.D	1,2,3-Trichloropropane	JOHN	3/19/2025 9:51:12 AM	MMDadoda	3/19/2025 2:22:30 PM	Peak Integrated by Software
VSTDCCC050	VX045338.D	1,2,3-Trichloropropane	JOHN	3/19/2025 9:51:19 AM	MMDadoda	3/19/2025 2:22:32 PM	Peak Integrated by Software

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Fax : 908 789 8922

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX022825

Review By	Mahesh Dadoda	Review On	2/28/2025 11:09:50 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	2/28/2025 11:11:09 AM		
SubDirectory	VX022825	HP Acquire Method		HP Processing Method	82X022825W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133187,VP133189
Initial Calibration Stds	VP133194,VP133195,VP133196,VP133197,VP133198,VP133199
CCC	VP133188,VP133190
Internal Standard/PEM	
ICV/I.BLK	VP133200
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX045067.D	28 Feb 2025 01:03	JC/MD	Ok
2	VSTDICC001	VX045068.D	28 Feb 2025 01:27	JC/MD	Ok,M
3	VSTDICC005	VX045069.D	28 Feb 2025 02:13	JC/MD	Ok,M
4	VSTDICC020	VX045070.D	28 Feb 2025 02:37	JC/MD	Ok,M
5	VSTDICCC050	VX045071.D	28 Feb 2025 03:00	JC/MD	Ok,M
6	VSTDICC100	VX045072.D	28 Feb 2025 03:23	JC/MD	Ok,M
7	VSTDICC150	VX045073.D	28 Feb 2025 03:47	JC/MD	Ok,M
8	IBLK	VX045074.D	28 Feb 2025 04:10	JC/MD	Ok
9	VSTDICV050	VX045075.D	28 Feb 2025 04:33	JC/MD	Ok,M
10	BFB	VX045076.D	28 Feb 2025 10:03	JC/MD	Ok
11	VSTDCCC050	VX045077.D	28 Feb 2025 10:32	JC/MD	Ok,M
12	VX0228MBL01	VX045078.D	28 Feb 2025 11:00	JC/MD	Ok
13	VX0228WBL01	VX045079.D	28 Feb 2025 11:23	JC/MD	Ok
14	VX0228WBS01	VX045080.D	28 Feb 2025 11:46	JC/MD	Ok,M
15	VX0228WBSD01	VX045081.D	28 Feb 2025 12:13	JC/MD	Ok,M
16	Q1401-03	VX045082.D	28 Feb 2025 12:37	JC/MD	Ok
17	Q1401-06	VX045083.D	28 Feb 2025 13:00	JC/MD	Ok
18	Q1423-01	VX045084.D	28 Feb 2025 13:23	JC/MD	Ok
19	Q1423-03	VX045085.D	28 Feb 2025 13:47	JC/MD	Ok
20	Q1403-01	VX045086.D	28 Feb 2025 14:10	JC/MD	Ok
21	Q1403-02	VX045087.D	28 Feb 2025 14:33	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX022825

Review By	Mahesh Dadoda	Review On	2/28/2025 11:09:50 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	2/28/2025 11:11:09 AM		
SubDirectory	VX022825	HP Acquire Method		HP Processing Method	82X022825W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133187,VP133189
Initial Calibration Stds	VP133194,VP133195,VP133196,VP133197,VP133198,VP133199
CCC	VP133188,VP133190
Internal Standard/PEM	
ICV/I.BLK	VP133200
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q1435-01	VX045088.D	28 Feb 2025 14:57	JC/MD	Ok
23	Q1403-04	VX045089.D	28 Feb 2025 15:20	JC/MD	Ok
24	Q1462-02	VX045090.D	28 Feb 2025 15:44	JC/MD	Ok
25	Q1469-01	VX045091.D	28 Feb 2025 16:07	JC/MD	Ok
26	Q1469-02	VX045092.D	28 Feb 2025 16:31	JC/MD	Ok
27	Q1469-03	VX045093.D	28 Feb 2025 16:54	JC/MD	Ok
28	Q1469-04	VX045094.D	28 Feb 2025 17:17	JC/MD	Ok
29	Q1403-03	VX045095.D	28 Feb 2025 17:41	JC/MD	Ok
30	Q1462-01	VX045096.D	28 Feb 2025 18:04	JC/MD	Ok,M
31	IBLK	VX045097.D	28 Feb 2025 18:27	JC/MD	Ok
32	VSTDCCC050	VX045098.D	28 Feb 2025 18:50	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 # VX031825

Review By	John Carlone	Review On	3/19/2025 10:07:00 AM		
Supervise By	Mahesh Dadoda	Supervise On	3/19/2025 2:22:41 PM		
SubDirectory	VX031825	HP Acquire Method		HP Processing Method	82X022825W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133349
Initial Calibration Stds	
CCC	VP133350,VP133351
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX045311.D	18 Mar 2025 09:33	JC/MD	Ok
2	VSTDCCC050	VX045312.D	18 Mar 2025 10:02	JC/MD	Ok,M
3	VX0318MBL01	VX045313.D	18 Mar 2025 10:30	JC/MD	Ok
4	VX0318WBL01	VX045314.D	18 Mar 2025 10:53	JC/MD	Ok
5	VX0318WBS01	VX045315.D	18 Mar 2025 11:16	JC/MD	Ok,M
6	VX0318WBSD01	VX045316.D	18 Mar 2025 11:43	JC/MD	Ok,M
7	Q1559-07DL	VX045317.D	18 Mar 2025 12:07	JC/MD	Ok
8	Q1559-01DL	VX045318.D	18 Mar 2025 12:30	JC/MD	Ok
9	Q1559-05DL	VX045319.D	18 Mar 2025 12:54	JC/MD	Ok
10	Q1559-16DL	VX045320.D	18 Mar 2025 13:17	JC/MD	Ok
11	Q1559-04DL	VX045321.D	18 Mar 2025 13:41	JC/MD	Ok
12	Q1559-03	VX045322.D	18 Mar 2025 14:04	JC/MD	Ok
13	Q1559-06	VX045323.D	18 Mar 2025 14:27	JC/MD	Ok
14	Q1557-01	VX045324.D	18 Mar 2025 14:51	JC/MD	Ok
15	Q1557-02	VX045325.D	18 Mar 2025 15:14	JC/MD	Ok
16	Q1557-06	VX045326.D	18 Mar 2025 15:38	JC/MD	Ok
17	Q1557-07	VX045327.D	18 Mar 2025 16:01	JC/MD	Ok
18	Q1557-08	VX045328.D	18 Mar 2025 16:24	JC/MD	Ok
19	Q1559-21	VX045329.D	18 Mar 2025 16:47	JC/MD	Dilution
20	Q1559-22	VX045330.D	18 Mar 2025 17:10	JC/MD	Dilution
21	Q1559-08	VX045331.D	18 Mar 2025 17:34	JC/MD	ReRun

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX031825

Review By	John Carlone	Review On	3/19/2025 10:07:00 AM		
Supervise By	Mahesh Dadoda	Supervise On	3/19/2025 2:22:41 PM		
SubDirectory	VX031825	HP Acquire Method		HP Processing Method	82X022825W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133349
Initial Calibration Stds	
CCC	VP133350,VP133351
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q1559-09	VX045332.D	18 Mar 2025 17:57	JC/MD	Dilution
23	Q1559-19	VX045333.D	18 Mar 2025 18:20	JC/MD	Ok
24	Q1576-01	VX045334.D	18 Mar 2025 18:43	JC/MD	Ok
25	Q1557-03	VX045335.D	18 Mar 2025 19:07	JC/MD	Ok
26	Q1557-04MS	VX045336.D	18 Mar 2025 19:30	JC/MD	Ok,M
27	Q1557-05MSD	VX045337.D	18 Mar 2025 19:53	JC/MD	Ok,M
28	VSTDCCC050	VX045338.D	18 Mar 2025 20:16	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 # VX022825

Review By	Mahesh Dadoda	Review On	2/28/2025 11:09:50 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	2/28/2025 11:11:09 AM		
SubDirectory	VX022825	HP Acquire Method		HP Processing Method	82X022825W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133187,VP133189
Initial Calibration Stds	VP133194,VP133195,VP133196,VP133197,VP133198,VP133199
CCC	VP133188,VP133190
Internal Standard/PEM	
ICV/I.BLK	VP133200
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX045067.D	28 Feb 2025 01:03		JC/MD	Ok
2	VSTDICC001	VSTDICC001	VX045068.D	28 Feb 2025 01:27		JC/MD	Ok,M
3	VSTDICC005	VSTDICC005	VX045069.D	28 Feb 2025 02:13		JC/MD	Ok,M
4	VSTDICC020	VSTDICC020	VX045070.D	28 Feb 2025 02:37		JC/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VX045071.D	28 Feb 2025 03:00		JC/MD	Ok,M
6	VSTDICC100	VSTDICC100	VX045072.D	28 Feb 2025 03:23		JC/MD	Ok,M
7	VSTDICC150	VSTDICC150	VX045073.D	28 Feb 2025 03:47		JC/MD	Ok,M
8	IBLK	IBLK	VX045074.D	28 Feb 2025 04:10		JC/MD	Ok
9	VSTDICV050	ICVVX022825	VX045075.D	28 Feb 2025 04:33		JC/MD	Ok,M
10	BFB	BFB	VX045076.D	28 Feb 2025 10:03		JC/MD	Ok
11	VSTDCCC050	VSTDCCC050	VX045077.D	28 Feb 2025 10:32	V12668	JC/MD	Ok,M
12	VX0228MBL01	VX0228MBL01	VX045078.D	28 Feb 2025 11:00		JC/MD	Ok
13	VX0228WBL01	VX0228WBL01	VX045079.D	28 Feb 2025 11:23		JC/MD	Ok
14	VX0228WBS01	VX0228WBS01	VX045080.D	28 Feb 2025 11:46		JC/MD	Ok,M
15	VX0228WBSD01	VX0228WBSD01	VX045081.D	28 Feb 2025 12:13		JC/MD	Ok,M
16	Q1401-03	BP-VPB-192-GW-840-8	VX045082.D	28 Feb 2025 12:37	vial B pH<2	JC/MD	Ok
17	Q1401-06	BP-VPB-192-GW-900-9	VX045083.D	28 Feb 2025 13:00	vial B pH<2	JC/MD	Ok
18	Q1423-01	BP-VPB-192-TB-20250	VX045084.D	28 Feb 2025 13:23	vial B pH<2 TB	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX022825

Review By	Mahesh Dadoda	Review On	2/28/2025 11:09:50 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	2/28/2025 11:11:09 AM		
SubDirectory	VX022825	HP Acquire Method		HP Processing Method	82X022825W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133187,VP133189
Initial Calibration Stds	VP133194,VP133195,VP133196,VP133197,VP133198,VP133199
CCC	VP133188,VP133190
Internal Standard/PEM	
ICV/I.BLK	VP133200
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q1423-03	BP-VPB-192-EB-20250	VX045085.D	28 Feb 2025 13:47	vial B pH<2 EB	JC/MD	Ok
20	Q1403-01	Storage-Blank-SOIL-RE	VX045086.D	28 Feb 2025 14:10	vial B pH<2	JC/MD	Ok
21	Q1403-02	Storage-Blank-WATER-	VX045087.D	28 Feb 2025 14:33	vial B pH<2	JC/MD	Ok
22	Q1435-01	286107	VX045088.D	28 Feb 2025 14:57	vial A pH<2	JC/MD	Ok
23	Q1403-04	Storage-Blank-SAMPLE	VX045089.D	28 Feb 2025 15:20	vial B pH<2	JC/MD	Ok
24	Q1462-02	FB	VX045090.D	28 Feb 2025 15:44	vial A pH<2 FB	JC/MD	Ok
25	Q1469-01	Storage-Blank-SOIL-RE	VX045091.D	28 Feb 2025 16:07	vial A pH<2	JC/MD	Ok
26	Q1469-02	Storage-Blank-WATER-	VX045092.D	28 Feb 2025 16:31	vial A pH<2	JC/MD	Ok
27	Q1469-03	Storage-Blank-WATER-	VX045093.D	28 Feb 2025 16:54	vial A pH<2	JC/MD	Ok
28	Q1469-04	Storage-Blank-SAMPLE	VX045094.D	28 Feb 2025 17:17	vial A pH<2	JC/MD	Ok
29	Q1403-03	Storage-Blank-WATER-	VX045095.D	28 Feb 2025 17:41	vial B pH<2	JC/MD	Ok
30	Q1462-01	MW2	VX045096.D	28 Feb 2025 18:04	vial A pH<2	JC/MD	Ok,M
31	IBLK	IBLK	VX045097.D	28 Feb 2025 18:27		JC/MD	Ok
32	VSTDCCC050	VSTDCCC050EC	VX045098.D	28 Feb 2025 18:50		JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX031825

Review By	John Carlone	Review On	3/19/2025 10:07:00 AM		
Supervise By	Mahesh Dadoda	Supervise On	3/19/2025 2:22:41 PM		
SubDirectory	VX031825	HP Acquire Method		HP Processing Method	82X022825W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133349
Initial Calibration Stds	
CCC	VP133350,VP133351
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	VX045311.D	18 Mar 2025 09:33		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX045312.D	18 Mar 2025 10:02	pH#Lot#V12668	JC/MD	Ok,M
3	VX0318MBL01	VX0318MBL01	VX045313.D	18 Mar 2025 10:30		JC/MD	Ok
4	VX0318WBL01	VX0318WBL01	VX045314.D	18 Mar 2025 10:53		JC/MD	Ok
5	VX0318WBS01	VX0318WBS01	VX045315.D	18 Mar 2025 11:16		JC/MD	Ok,M
6	VX0318WBSD01	VX0318WBSD01	VX045316.D	18 Mar 2025 11:43		JC/MD	Ok,M
7	Q1559-07DL	RE125D3-20250310DL	VX045317.D	18 Mar 2025 12:07	vial B pH<2	JC/MD	Ok
8	Q1559-01DL	RE115D1-20250310DL	VX045318.D	18 Mar 2025 12:30	vial B pH<2	JC/MD	Ok
9	Q1559-05DL	RE134D4-20250310DL	VX045319.D	18 Mar 2025 12:54	vial B pH<2	JC/MD	Ok
10	Q1559-16DL	RW4-RE137-20250311	VX045320.D	18 Mar 2025 13:17	vial B pH<2	JC/MD	Ok
11	Q1559-04DL	RE134D3-20250310DL	VX045321.D	18 Mar 2025 13:41	vial B pH<2	JC/MD	Ok
12	Q1559-03	RE134D1-20250310	VX045322.D	18 Mar 2025 14:04	vial B pH<2	JC/MD	Ok
13	Q1559-06	TT149S1-20250310	VX045323.D	18 Mar 2025 14:27	vial B pH<2	JC/MD	Ok
14	Q1557-01	BPOW6-7-20250312	VX045324.D	18 Mar 2025 14:51	vial A pH<2	JC/MD	Ok
15	Q1557-02	BPOW6-8-20250312	VX045325.D	18 Mar 2025 15:14	vial A pH<2	JC/MD	Ok
16	Q1557-06	BPOW6-10-20250312	VX045326.D	18 Mar 2025 15:38	vial A pH<2	JC/MD	Ok
17	Q1557-07	BPOW6-11-20250312	VX045327.D	18 Mar 2025 16:01	vial A pH<2	JC/MD	Ok
18	Q1557-08	DUP04-20250312	VX045328.D	18 Mar 2025 16:24	vial A pH<2	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX031825

Review By	John Carlone	Review On	3/19/2025 10:07:00 AM		
Supervise By	Mahesh Dadoda	Supervise On	3/19/2025 2:22:41 PM		
SubDirectory	VX031825	HP Acquire Method		HP Processing Method	82X022825W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133349
Initial Calibration Stds	
CCC	VP133350,VP133351
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q1559-21	RE120D3-20250312	VX045329.D	18 Mar 2025 16:47	vial A pH<2 Need 20X	JC/MD	Dilution
20	Q1559-22	RE120D2-20250312	VX045330.D	18 Mar 2025 17:10	vial A pH<2 Need 10X	JC/MD	Dilution
21	Q1559-08	DUP02-20250310	VX045331.D	18 Mar 2025 17:34	vial A pH<2 E flag of previous sample	JC/MD	ReRun
22	Q1559-09	DUP03-20250310	VX045332.D	18 Mar 2025 17:57	vial A pH<2 Need 10X	JC/MD	Dilution
23	Q1559-19	DUP05-20250312	VX045333.D	18 Mar 2025 18:20	vial A pH<2	JC/MD	Ok
24	Q1576-01	MW14	VX045334.D	18 Mar 2025 18:43	vial B pH<2	JC/MD	Ok
25	Q1557-03	BPOW6-9-20250312	VX045335.D	18 Mar 2025 19:07	vial A pH<2	JC/MD	Ok
26	Q1557-04MS	BPOW6-9-20250312MS	VX045336.D	18 Mar 2025 19:30	vial A pH<2	JC/MD	Ok,M
27	Q1557-05MSD	BPOW6-9-20250312MS	VX045337.D	18 Mar 2025 19:53	vial A pH<2	JC/MD	Ok,M
28	VSTDCCC050	VSTDCCC050EC	VX045338.D	18 Mar 2025 20:16		JC/MD	Ok,M

M : Manual Integration

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Prep Standard - Chemical Standard Summary

Order ID : Q1557

Test : VOCMS Group1

Prepbatch ID :

Sequence ID/Qc Batch ID: vx031825,

Standard ID :
VP131746,VP131767,VP132035,VP132096,VP133174,VP133178,VP133342,VP133349,VP133350,VP133351,

Chemical ID :
V13391,V13457,V13460,V13465,V13466,V13706,V14154,V14175,V14176,V14289,V14433,V14439,V14521,V14522,V14613,V14614,V14630,V14631,V14632,V14633,V14722,V14723,V14724,V14744,V14754,V14809,V14814,V14842,V14883,V14896,V14897,V14898,V14899,W3112,

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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	VP131746	11/22/2024	05/18/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 11/23/2024

FROM 0.50000ml of V14289 + 49.50000ml of V14154 = Final Quantity: 50.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
218	BFB, 25PPM	VP131767	11/22/2024	05/18/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 11/27/2024

FROM 0.50000ml of V13391 + 49.50000ml of V14154 = Final Quantity: 50.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1810	8260 Working Std(2-CVE)-800ppm	VP132035	12/10/2024	06/10/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 12/12/2024

FROM 1.00000ml of V14630 + 1.00000ml of V14631 + 1.00000ml of V14632 + 1.00000ml of V14633 + 46.00000ml of V14614 = Final Quantity: 50.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
719	8260 Working STD (BCM)-First source, 400PPM	VP132096	12/12/2024	06/10/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 12/19/2024

FROM 1.00000ml of V13465 + 1.00000ml of V13466 + 1.50000ml of V13457 + 1.50000ml of V13460 + 20.00000ml of V14614 = Final Quantity: 25.000 ml

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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	VP133178	02/27/2025	03/31/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 03/04/2025

FROM 0.40000ml of V14842 + 1.00000ml of V14175 + 1.00000ml of V14176 + 1.00000ml of V14433 + 1.00000ml of V14439 + 1.00000ml of V14521 + 1.00000ml of V14522 + 1.00000ml of V14724 + 1.00000ml of V14744 + 1.00000ml of V14754 + 1.00000ml of V14809 + 1.00000ml of V14814 + 1.50000ml of V14722 + 1.50000ml of V14723 + 10.60000ml of V14613 = Final Quantity: 25.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
51	8260 Working STD (Acrolein) -first source, 800PPM	VP133342	03/18/2025	04/17/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 03/20/2025

FROM 1.00000ml of V14896 + 1.00000ml of V14897 + 1.00000ml of V14898 + 1.00000ml of V14899 + 21.00000ml of V14883 = Final Quantity: 25.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
589	BFB TUNE CHECK	VP133349	03/18/2025	03/19/2025	John Carlone	None	None	Mahesh Dadoda 03/20/2025

FROM 39.98400ml of W3112 + 0.01600ml of VP131767 = 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	VP133350	03/18/2025	03/19/2025	John Carlone	None	None	Mahesh Dadoda 03/20/2025

FROM 39.94450ml of W3112 + 0.00500ml of VP132096 + 0.00500ml of VP133174 + 0.00800ml of VP131746 + 0.01250ml of VP132035 + 0.01250ml of VP133178 + 0.01250ml of VP133342 = 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	VP133351	03/18/2025	03/19/2025	John Carlone	None	None	Mahesh Dadoda 03/20/2025

FROM 39.94450ml of W3112 + 0.00500ml of VP132096 + 0.00500ml of VP133174 + 0.00800ml of VP131746 + 0.01250ml of VP132035 + 0.01250ml of VP133178 + 0.01250ml of VP133342 = 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	30225 / VOA Mix, bromochloromethane, 2000ug/mL, P&TM, 1mL/ampul	A0193071	06/12/2025	12/12/2024 / SAM	01/27/2023 / SAM	V13457

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30225 / VOA Mix, bromochloromethane, 2000ug/mL, P&TM, 1mL/ampul	A0193071	06/12/2025	12/12/2024 / SAM	01/27/2023 / SAM	V13460

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30225 / VOA Mix, bromochloromethane, 2000ug/mL, P&TM, 1mL/ampul	A0193071	06/12/2025	12/12/2024 / SAM	01/27/2023 / SAM	V13465

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30225 / VOA Mix, bromochloromethane, 2000ug/mL, P&TM, 1mL/ampul	A0193071	06/12/2025	12/12/2024 / SAM	01/27/2023 / SAM	V13466

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555582 / Custom Mixture, 8260 A/B Surrogate Mix [CS 5179-2]	A0196865	02/27/2026	02/27/2025 / SAM	04/12/2023 / SAM	V13706

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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)	22L0562016	05/18/2025	11/18/2024 / pedro	02/06/2024 / SAM	V14154

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	07/10/2025	01/10/2025 / SAM	02/20/2024 / SAM	V14175

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	07/10/2025	01/10/2025 / SAM	02/20/2024 / SAM	V14176

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	11/22/2025	11/22/2024 / SAM	04/15/2024 / SAM	V14289

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	07/10/2025	01/10/2025 / SAM	08/15/2024 / SAM	V14433

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	07/10/2025	01/10/2025 / SAM	08/15/2024 / SAM	V14439

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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.	95319 / Revised Additions Mix (Min = 5)	091724	07/10/2025	01/10/2025 / SAM	09/18/2024 / SAM	V14521

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	07/10/2025	01/10/2025 / SAM	09/18/2024 / SAM	V14522

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA9077-02 / Methanol, Purge/Trap (cs=6x1L)	22L0562016	08/27/2025	02/27/2025 / SAM	11/26/2024 / SAM	V14613

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA9077-02 / Methanol, Purge/Trap (cs=6x1L)	22L0562016	06/10/2025	12/10/2024 / SAM	11/26/2024 / SAM	V14614

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	/ 2-Chloroethyl vinyl ether	120524	06/10/2025	12/10/2024 / SAM	12/06/2024 / SAM	V14630

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	/ 2-Chloroethyl vinyl ether	120524	06/10/2025	12/10/2024 / SAM	12/06/2024 / SAM	V14631

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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	06/10/2025	12/10/2024 / SAM	12/06/2024 / SAM	V14632

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	/ 2-Chloroethyl vinyl ether	120524	06/10/2025	12/10/2024 / SAM	12/06/2024 / SAM	V14633

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30006 / VOA Mix, CLP method Calibration Std #1 ketones 5000uq/ml, PTM, 1ml	A02110618	07/10/2025	01/10/2025 / SAM	12/17/2024 / SAM	V14722

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	07/10/2025	01/10/2025 / SAM	12/17/2024 / SAM	V14723

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	07/10/2025	01/10/2025 / SAM	12/17/2024 / SAM	V14724

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	08/27/2025	02/27/2025 / SAM	12/17/2024 / SAM	V14744

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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	05/31/2031	01/10/2025 / SAM	12/17/2024 / SAM	V14754

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	07/10/2025	01/10/2025 / SAM	01/08/2025 / SAM	V14809

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	07/10/2025	01/10/2025 / SAM	01/08/2025 / SAM	V14814

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	08/27/2025	02/27/2025 / SAM	01/21/2025 / SAM	V14842

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	02/19/2025 / Jaswal	04/22/2024 / Jaswal	V14883

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	91980 / Acrolin Std (Min = 5)	031725	04/17/2025	03/18/2025 / SAM	03/18/2025 / SAM	V14896

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

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	91980 / Acrolin Std (Min = 5)	031725	04/17/2025	03/18/2025 / SAM	03/18/2025 / SAM	V14897

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	91980 / Acrolin Std (Min = 5)	031725	04/17/2025	03/18/2025 / SAM	03/18/2025 / SAM	V14898

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	91980 / Acrolin Std (Min = 5)	031725	04/17/2025	03/18/2025 / SAM	03/18/2025 / SAM	V14899

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

12 Baxter

avantor™ | J.T.Baker®

Material No.: 9077-02
Batch No.: 22L0562016
Manufactured Date: 2022-10-26
Expiration Date: 2025-10-25
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (CH_3OH) (by GC, corrected for water)	≥ 99.9 %	100.0 %
Residue after Evaporation	≤ 1.0 ppm	0.2 ppm
Titrable Acid (µeq/g)	≤ 0.3	0.2
Titrable Base (µeq/g)	≤ 0.10	0.03
Water (by KF, coulometric)	≤ 0.08 %	< 0.01 %
Volatile Organic Trace Analysis – Below EPA 8260B CRQL	Conforms	Conforms

For Laboratory,Research,or Manufacturing Use
Performance Tested for Use in EPA Methods
500 Series for Drinking Water
600 Series for Wastewater
846 for Solid Waste

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

James Ethier
Jamie Ethier
Vice President Global Quality

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): Methanol **Lot#** EG359-USQ12

Formulated By: Prashant Chauhan 021624 DATE

Reviewed By: Pedro L. Rentas 021624 DATE

Weight(s) shown below were combined and diluted to (mL): 100.0 5E-05 Balance Uncertainty 0.021 Flask Uncertainty

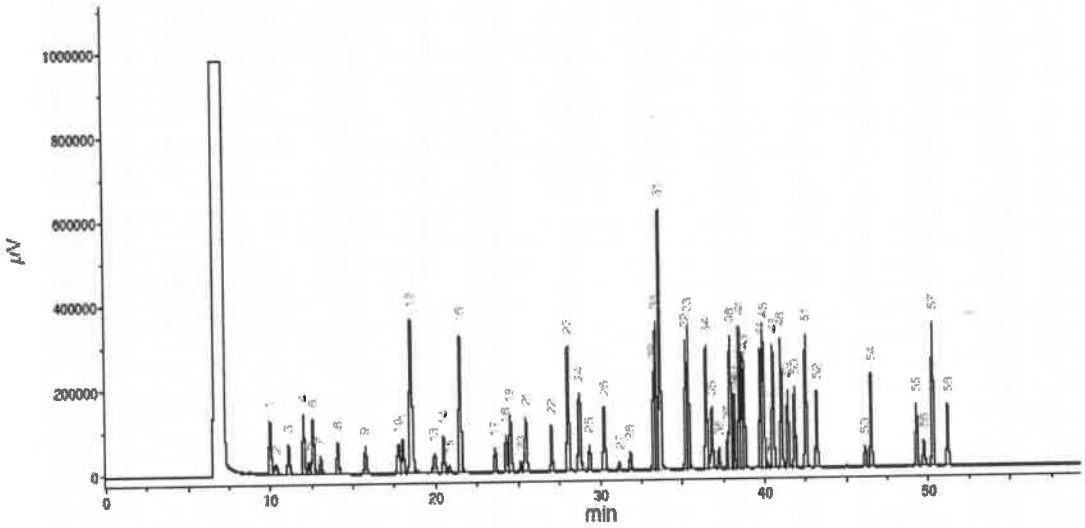
	Compound	(RM#) Part Number	Lot Number	Dil. Factor	Initial Vol. (mL)	Initial Conc.(µg/mL)	Nominal Conc (µg/mL)	Purity (%)	Purity Uncertainty	Uncertainty Pipette (mL)	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached 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	(0486)	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)	06126PX	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20230	2002.3	8.2	97-63-2	N/A	orl-rat 14800mg/kg
8.	Iodomethane	(0489)	SHBF8718V	NA	NA	NA	2000	99.5	0.2	NA	0.20106	0.20121	2001.5	8.2	74-88-4	5 ppm(28mg/m3/8H)(skin)	orl-rat 76mg/kg
9.	2-Methyl-1-propanol	(0445)	15241EB	NA	NA	NA	2000	99.5	0.2	NA	0.20106	0.20120	2001.4	8.1	78-83-1	50 ppm (150mg/m3/8H)	orl-rat 2460mg/kg
10.	Methacrylonitrile	(0442)	00427ET	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20221	2001.4	8.2	126-98-7	1 ppm (3mg/m3/8H)(skin)	orl-rat 120mg/kg
11.	Methyl acrylate	(1075)	SHBK0679	NA	NA	NA	2000	99.9	0.2	NA	0.20025	0.20040	2001.5	8.1	96-33-3	10 ppm(35mg/m3/8H)(skin)	orl-rat 277mg/kg
12.	Methyl methacrylate	(0404)	MKBW5137V	NA	NA	NA	2000	99.9	0.2	NA	0.20025	0.20041	2001.6	8.1	80-62-6	100 ppm (410mg/m3/8H)	orl-rat 7872mg/kg
13.	Nitrobenzene	(0228)	01213TV	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20220	2001.3	8.2	98-95-3	1 ppm (5mg/m3/8H)(skin)	orl-rat 780mg/kg
14.	2-Nitropropane	(0461)	14002JX	NA	NA	NA	2000	97.3	0.2	NA	0.20560	0.20577	2001.6	8.3	79-46-9	10 ppm (35mg/m3/8H)	orl-rat 720mg/kg
15.	Pentachloroethane	(0450)	HGA01	NA	NA	NA	2000	98	0.2	NA	0.20413	0.20430	2001.6	8.3	76-01-7	N/A	N/A
16.	1,1,2-Trichlorotrifluoroethane	(0474)	18930	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20225	2001.8	8.2	76-13-1	1000 ppm (7600mg/m3/8H)	orl-rat 43g/kg
17.	Bromodichloromethane	35171	101623	0.05	5.00	40001.7	2000	NA	NA	0.017	NA	NA	1999.6	22.9	75-27-4	N/A	orl-rat 916mg/kg
18.	Dibromochloromethane	35171	101623	0.05	5.00	40002.1	2000	NA	NA	0.017	NA	NA	1999.6	23.0	124-48-1	N/A	orl-rat 848mg/kg
19.	cis-1,2-Dichloroethene	35171	101623	0.05	5.00	40003.1	2000	NA	NA	0.017	NA	NA	1999.7	22.9	156-59-2	N/A	N/A
20.	trans-1,2-Dichloroethene	35171	101623	0.05	5.00	40002.4	2000	NA	NA	0.017	NA	NA	1999.6	23.0	156-60-5	N/A	orl-rat 1235mg/kg
21.	Methylene chloride	35171	101623	0.05	5.00	40002.8	2000	NA	NA	0.017	NA	NA	1999.6	22.9	75-09-2	500 ppm	orl-rat 820mg/kg
22.	1,1-Dichloroethene	32251	102023	0.10	10.00	20001.6	2000	NA	NA	0.042	NA	NA	1999.7	20.4	75-35-4	1 ppm (4mg/m3/8H)	orl-rat 200mg/kg
23.	Bromoform	95321	020724	0.10	10.00	20003.2	2000	NA	NA	0.042	NA	NA	1999.8	20.5	75-25-2	0.5 ppm (5mg/m3) (skin)	orl-rat 933mg/kg
24.	Carbon tetrachloride	95321	020724	0.10	10.00	20003.4	2000	NA	NA	0.042	NA	NA	1999.8	20.4	56-23-5	2 ppm (12.6mg/m3/8H)	orl-rat 2350mg/kg
25.	Chloroform	95321	020724	0.10	10.00	20024.0	2000	NA	NA	0.042	NA	NA	2001.9	20.5	67-66-3	50 ppm (240mg/m3) (CL)	orl-rat 908mg/kg
26.	Dibromomethane	95321	020724	0.10	10.00	20002.9	2000	NA	NA	0.042	NA	NA	1999.8	20.5	74-95-3	N/A	orl-rat 108mg/kg
27.	1,1-Dichloroethane	95321	020724	0.10	10.00	20003.4	2000	NA	NA	0.042	NA	NA	1999.8	20.5	75-34-3	100 ppm	orl-rat 725mg/kg
28.	2,2-Dichloropropane	95321	020724	0.10	10.00	20003.4	2000	NA	NA	0.042	NA	NA	1999.8	20.4	594-20-7	N/A	N/A
29.	Tetrachloroethene	95321	020724	0.10	10.00	20201.1	2000	NA	NA	0.042	NA	NA	2019.6	20.6	127-18-4	25 ppm (170mg/m3/8H)(final)	orl-rat 2629mg/kg
30.	1,1,1-Trichloroethane	95321	020724	0.10	10.00	20003.0	2000	NA	NA	0.042	NA	NA	1999.8	20.5	71-55-6	350 ppm (1900mg/m3/8H)	orl-rat 10300mg/kg
31.	1,2-Dibromo-3-chloropropane	35161	112322	0.05	5.00	40016.5	2000	NA	NA	0.017	NA	NA	2000.3	22.9	96-12-8	0.001 ppm	orl-rat 170mg/kg
32.	1,2-Dibromoethane	35161	112322	0.05	5.00	40024.8	2000	NA	NA	0.017	NA	NA	2000.7	22.9	106-93-4	20 ppm (8H)	orl-rat 108mg/kg
33.	1,2-Dichloroethane	35161	112322	0.05	5.00	40018.0	2000	NA	NA	0.017	NA	NA	2000.4	22.9	107-06-2	50 ppm (8H)	orl-rat 670mg/kg
34.	1,2-Dichloropropane	35161	112322	0.05	5.00	40051.0	2000	NA	NA	0.017	NA	NA	2002.0	22.9	78-87-5	75 ppm (350mg/m3/8H)	orl-rat 1947mg/kg
35.	1,3-Dichloropropane	35161	112322	0.05	5.00	40005.9	2000	NA	NA	0.017	NA	NA	1999.8	22.9	142-28-9	N/A	unr-mus 3600mg/kg
36.	1,1-Dichloropropene	35161	112322	0.05	5.00	40012.1	2000	NA	NA	0.017	NA	NA	2000.1	29.7	563-58-6	N/A	N/A
37.	cis-1,3-Dichloropropene	35161	112322	0.05	5.00	40010.6	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	40017.8	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 (46mg/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	1999.6	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	1999.6	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 6040mg/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 sample, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty References: 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-1,2,2-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	18.46
13	Isobutanol/1,1,1-Trichloroethane	19.91
14	1,1-Dichloropropene	20.46
15	Carbon tetrachloride	20.79
16	Benzene/1,2-Dichloroethane	21.49
17	Trichloroethene	23.58
18	1,2-Dichloropropane	24.28
19	Methyl methacrylate	24.52
20	Bromodichloromethane	25.13
21	Dibromomethane/2-Nitropropane	25.46
22	cis-1,3-Dichloropropene	27.02
23	Toluene	28.05
24	Ethyl methacrylate/trans-1,3-Dichloropropene	28.73
25	1,1,2-Trichloroethane	29.34
26	Tetrachloroethene/1,3-Dichloropropane	30.24
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	33.86
32	o-Xylene	35.22
33	Styrene	35.38
34	Isopropylbenzene/Bromoform	36.18
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	37.93
39	trans-1,4-Dichloro-2-Butene	38.05
40	Bromobenzene	38.14
41	1,3,5-Trimethylbenzene	38.80
42	2-Chlorotoluene	38.82
43	4-Chlorotoluene	38.77
44	tert-Butylbenzene	39.76
45	1,2,4-Trimethylbenzene	39.91
46	Pentachloroethane	40.17
47	sec-Butylbenzene	40.52
48	p-Isopropyltoluene	41.02
49	1,3-Dichlorobenzene	41.42
50	1,4-Dichlorobenzene	41.83
51	n-Butylbenzene	42.53
52	1,2-Dichlorobenzene	43.18
53	1,2-Dibromo-3-chloropropane	46.12
54	Nitrobenzene	46.46
55	1,2,4-Trichlorobenzene	49.26
56	Hexachlorobutadiene	49.72
57	Naphthalene	50.26
58	1,2,3-Trichlorobenzene	51.16

Absolute Standards Inc.
PO Box 5585
Hamden, CT 06518-0585
Phone: 203-281-2917
FAX: 203-281-2922

Safety Data Sheet (SDS) GHS/OSHA Compliant

Section I Product and Company Identification

IDENTITY **ANALYTICAL STANDARD DISSOLVED IN METHANOL**

Manufacturer's Name	ABSOLUTE STANDARDS INC	Emergency Telephone USA & CANADA	**1-800-535-5053**
Address	44 Rossotto Dr. Hamden CT, 06514	Emergency Telephone International	**1-352-323-3500**
		Date Prepared/Revised	January 1, 2023

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.

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): Methanol **Lot#** EG359-USQ12

Formulated By:	Prashant Chauhan	021624	DATE
Reviewed By:	Pedro L. Rentas	021624	DATE

Weight(s) shown below were combined and diluted to (mL): 100.0 0.021 Flask Uncertainty 5E-05 Balance Uncertainty

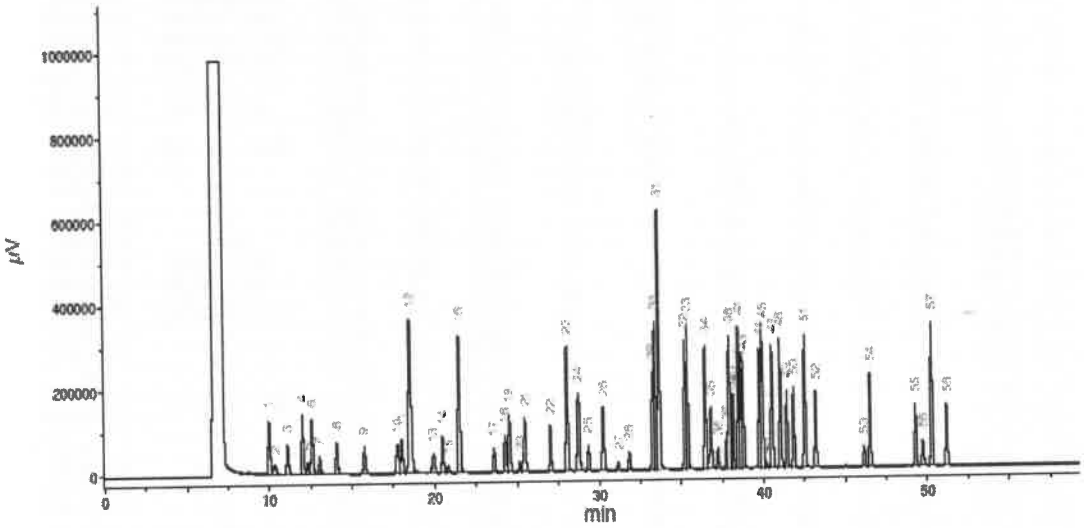
Compound	(RM#) Part Number	Lot Number	Dil. Factor	Initial Vol. (mL)	Initial Conc.(µg/mL)	Nominal Conc (µg/mL)	Purity (%)	Purity Uncertainty	Uncertainty Pipette (mL)	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached 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	(0486)	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	(0361)	06126PX	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20230	2002.3	8.2	97-63-2	N/A	orl-rat 14800mg/kg
8. Iodomethane	(0489)	SHBF8718V	NA	NA	NA	2000	99.5	0.2	NA	0.20106	0.20121	2001.5	8.2	74-88-4	5 ppm(28mg/m3/8H)(skin)	orl-rat 76mg/kg
9. 2-Methyl-1-propanol	(0445)	15241EB	NA	NA	NA	2000	99.5	0.2	NA	0.20106	0.20120	2001.4	8.1	78-83-1	50 ppm (150mg/m3/8H)	orl-rat 2460mg/kg
10. Methacrylonitrile	(0442)	00427ET	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20221	2001.4	8.2	126-98-7	1 ppm (3mg/m3/8H)(skin)	orl-rat 120mg/kg
11. Methyl acrylate	(1075)	SHBK0679	NA	NA	NA	2000	99.9	0.2	NA	0.20025	0.20040	2001.5	8.1	96-33-3	10 ppm(35mg/m3/8H)(skin)	orl-rat 277mg/kg
12. Methyl methacrylate	(0404)	MKBW5137V	NA	NA	NA	2000	99.9	0.2	NA	0.20025	0.20041	2001.6	8.1	80-62-6	100 ppm (410mg/m3/8H)	orl-rat 7872mg/kg
13. Nitrobenzene	(0228)	01213TV	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20220	2001.3	8.2	98-95-3	1 ppm (5mg/m3/8H)(skin)	orl-rat 780mg/kg
14. 2-Nitropropane	(0461)	14002JX	NA	NA	NA	2000	97.3	0.2	NA	0.20560	0.20577	2001.6	8.3	79-46-9	10 ppm (35mg/m3/8H)	orl-rat 720mg/kg
15. Pentachloroethane	(0450)	HGA01	NA	NA	NA	2000	98	0.2	NA	0.20413	0.20430	2001.6	8.3	76-01-7	N/A	N/A
16. 1,1,2-Trichlorotrifluoroethane	(0474)	18930	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20225	2001.8	8.2	76-13-1	1000 ppm (7600mg/m3/8H)	orl-rat 43g/kg
17. Bromodichloromethane	35171	101623	0.05	5.00	40001.7	2000	NA	NA	0.017	NA	NA	1999.6	22.9	75-27-4	N/A	orl-rat 916mg/kg
18. Dibromochloromethane	35171	101623	0.05	5.00	40002.1	2000	NA	NA	0.017	NA	NA	1999.6	23.0	124-48-1	N/A	orl-rat 848mg/kg
19. cis-1,2-Dichloroethene	35171	101623	0.05	5.00	40003.1	2000	NA	NA	0.017	NA	NA	1999.7	22.9	156-59-2	N/A	N/A
20. trans-1,2-Dichloroethene	35171	101623	0.05	5.00	40002.4	2000	NA	NA	0.017	NA	NA	1999.6	23.0	156-60-5	N/A	orl-rat 1235mg/kg
21. Methylene chloride	35171	101623	0.05	5.00	40002.8	2000	NA	NA	0.017	NA	NA	1999.6	22.9	75-09-2	500 ppm	orl-rat 820mg/kg
22. 1,1-Dichloroethene	32251	102023	0.10	10.00	20001.6	2000	NA	NA	0.042	NA	NA	1999.7	20.4	75-35-4	1 ppm (4mg/m3/8H)	orl-rat 200mg/kg
23. Bromoform	95321	020724	0.10	10.00	20003.2	2000	NA	NA	0.042	NA	NA	1999.8	20.5	75-25-2	0.5 ppm (5mg/m3) (skin)	orl-rat 933mg/kg
24. Carbon tetrachloride	95321	020724	0.10	10.00	20003.4	2000	NA	NA	0.042	NA	NA	1999.8	20.4	56-23-5	2 ppm (12.6mg/m3/8H)	orl-rat 2350mg/kg
25. Chloroform	95321	020724	0.10	10.00	20024.0	2000	NA	NA	0.042	NA	NA	2001.9	20.5	67-66-3	50 ppm (240mg/m3) (CL)	orl-rat 908mg/kg
26. Dibromomethane	95321	020724	0.10	10.00	20002.9	2000	NA	NA	0.042	NA	NA	1999.8	20.5	74-95-3	N/A	orl-rat 108mg/kg
27. 1,1-Dichloroethane	95321	020724	0.10	10.00	20003.4	2000	NA	NA	0.042	NA	NA	1999.8	20.5	75-34-3	100 ppm	orl-rat 725mg/kg
28. 2,2-Dichloropropane	95321	020724	0.10	10.00	20003.4	2000	NA	NA	0.042	NA	NA	1999.8	20.4	594-20-7	N/A	N/A
29. Tetrachloroethene	95321	020724	0.10	10.00	20201.1	2000	NA	NA	0.042	NA	NA	2019.6	20.6	127-18-4	25 ppm (170mg/m3/8H)(final)	orl-rat 2629mg/kg
30. 1,1,1-Trichloroethane	95321	020724	0.10	10.00	20003.0	2000	NA	NA	0.042	NA	NA	1999.8	20.5	71-55-6	350 ppm (1900mg/m3/8H)	orl-rat 10300mg/kg
31. 1,2-Dibromo-3-chloropropane	35161	112322	0.05	5.00	40016.5	2000	NA	NA	0.017	NA	NA	2000.3	22.9	96-12-8	0.001 ppm	orl-rat 170mg/kg
32. 1,2-Dibromoethane	35161	112322	0.05	5.00	40024.8	2000	NA	NA	0.017	NA	NA	2000.7	22.9	106-93-4	20 ppm (8H)	orl-rat 108mg/kg
33. 1,2-Dichloroethane	35161	112322	0.05	5.00	40018.0	2000	NA	NA	0.017	NA	NA	2000.4	22.9	107-06-2	50 ppm (8H)	orl-rat 670mg/kg
34. 1,2-Dichloropropane	35161	112322	0.05	5.00	40051.0	2000	NA	NA	0.017	NA	NA	2002.0	22.9	78-87-5	75 ppm (350mg/m3/8H)	orl-rat 1947mg/kg
35. 1,3-Dichloropropane	35161	112322	0.05	5.00	40005.9	2000	NA	NA	0.017	NA	NA	1999.8	22.9	142-28-9	N/A	unr-mus 3600mg/kg
36. 1,1-Dichloropropene	35161	112322	0.05	5.00	40012.1	2000	NA	NA	0.017	NA	NA	2000.1	29.7	563-58-6	N/A	N/A
37. cis-1,3-Dichloropropene	35161	112322	0.05	5.00	40010.6	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	40017.8	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 (46mg/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 750mg/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	1999.6	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	1999.6	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	40003.6	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 6040mg/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 sample, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty References: 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-1,2,2-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	18.46
13	Isobutanol/1,1,1-Trichloroethane	19.91
14	1,1-Dichloropropene	20.46
15	Carbon tetrachloride	20.79
16	Benzene/1,2-Dichloroethane	21.49
17	Trichloroethene	23.58
18	1,2-Dichloropropane	24.28
19	Methyl methacrylate	24.52
20	Bromodichloromethane	25.13
21	Dibromomethane/2-Nitropropane	25.46
22	cis-1,3-Dichloropropene	27.02
23	Toluene	28.05
24	Ethyl methacrylate/trans-1,3-Dichloropropene	28.73
25	1,1,2-Trichloroethane	29.34
26	Tetrachloroethene/1,3-Dichloropropane	30.24
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	33.86
32	o-Xylene	35.22
33	Styrene	35.38
34	Isopropylbenzene/Bromoform	36.18
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	37.93
39	trans-1,4-Dichloro-2-Butene	38.05
40	Bromobenzene	38.14
41	1,3,5-Trimethylbenzene	38.80
42	2-Chlorotoluene	38.82
43	4-Chlorotoluene	38.77
44	tert-Butylbenzene	39.76
45	1,2,4-Trimethylbenzene	39.91
46	Pentachloroethane	40.17
47	sec-Butylbenzene	40.52
48	p-Isopropyltoluene	41.02
49	1,3-Dichlorobenzene	41.42
50	1,4-Dichlorobenzene	41.83
51	n-Butylbenzene	42.53
52	1,2-Dichlorobenzene	43.18
53	1,2-Dibromo-3-chloropropane	46.12
54	Nitrobenzene	46.48
55	1,2,4-Trichlorobenzene	49.26
56	Hexachlorobutadiene	49.72
57	Naphthalene	50.26
58	1,2,3-Trichlorobenzene	51.16

Absolute Standards Inc.
PO Box 5585
Hamden, CT 06518-0585
Phone: 203-281-2917
FAX: 203-281-2922

Safety Data Sheet (SDS) GHS/OSHA Compliant

Section I Product and Company Identification

IDENTITY **ANALYTICAL STANDARD DISSOLVED IN METHANOL**

Manufacturer's Name	ABSOLUTE STANDARDS INC	Emergency Telephone USA & CANADA	**1-800-535-5053**
Address	44 Rossotto Dr. Hamden CT, 06514	Emergency Telephone International	**1-352-323-3500**
		Date Prepared/Revised	January 1, 2023

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

Exp 03/18/24

ANAB ISO 17034 Accredite
AR-1539 Certificate Numbe
https://Absolutestandards.co

CERTIFIED WEIGHT REPORT

5 vial

Part Number: 91980
Lot Number: 031725
Description: Acrolein

Expiration Date: 041725
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB

Solvent(s):	Lot#
Water	072324Q

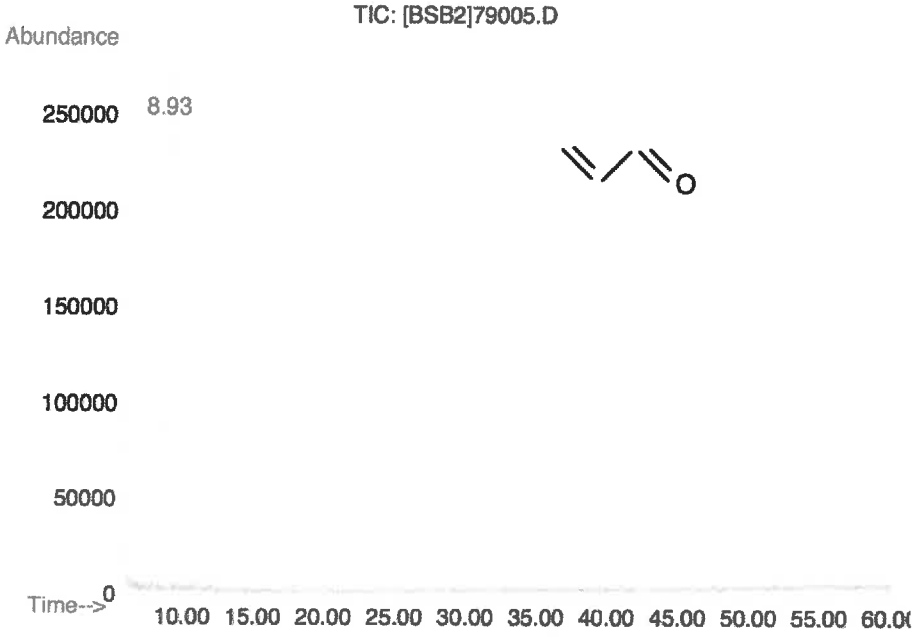
V14895 to V14899

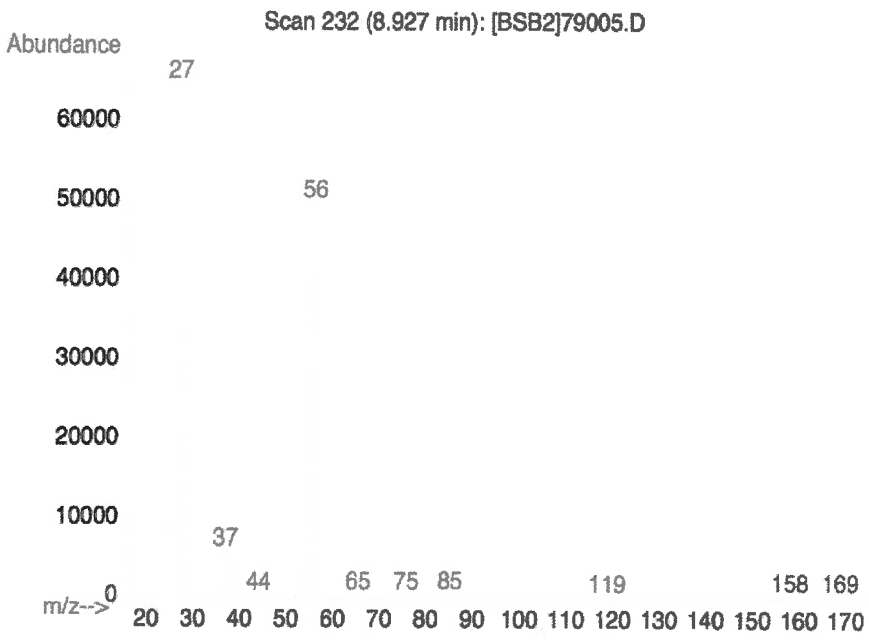
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 10.0 0.001 Flask Uncertainty

Formulated By:	Lawrence Barry	031725 DATE
Reviewed By:	Pedro L. Rentas	031725 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 with weights traceable to NIST (see above).**
- **Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.**
- **All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.**
- **Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).**

Absolute Standards Inc.

PO Box 5585
Hamden, CT 06518-0585

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Safety Data Sheet (SDS) GHS/OSHA Compliant

Section I Product and Company Identification

IDENTITY **ANALYTICAL STANDARD DISSOLVED IN WATER**

Manufacturer's Name	ABSOLUTE STANDARDS INC	Emergency Telephone USA & CANADA	**1-800-535-5053**
Address	44 Rossotto Dr.	Emergency Telephone International	**1-352-323-3500**
	Hamden CT, 06514	Date Prepared/Revised	January 1, 2025

Section II - Hazards Identification

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

P271	**Use in ventilated area**	**H315**	**Causes skin and eye irritation.**
P302,332	**If on skin, wash with soap and water**	**P280**	**Use gloves, eye protection/face sheild**
		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)
Water	CAS#: 7732-18-5	> 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

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.
Hazardous Decomposition products	Carbon oxides

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

Water CAS#: 7732-18-5 TWA: 500 ppm

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	100°C	Specific Gravity (H2O = 1)	1
Vapor Pressure (mm Hg)		Melting Point	

	NA		0°C
Vapor Density (AIR = 1)	NA	Evaporation rate (Butyl Acetate = 1)	NA

Solubility in Water — Completely miscible

Appearance and Odor — CLEAR, COLORLESS LIQUID WITH SLIGHT CHEMICAL ODOR.

Section X. STABILITY AND REACTIVITY

Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	NA
Conditions to avoid	NA
Materials to avoid	NA

Hazardous decomposition products - No data available

Section XI. TOXICOLOGICAL INFORMATION

LD50 Oral - Rat	NA
LC50 Inhalation - Rat	NA
LD50 Dermal - Guinea pig	NA

Causes skin irritation.
Eye irritation

Section XII. ECOLOGICAL INFORMATION

LC50	NA
EC50	NA

Section XIII. DISPOSAL CONSIDERATIONS

Dispose with normal Laboratory Solvent Waste.

Section XIV. TRANSPORT INFORMATION

DOT (US)
Not dangerous goods
Proper shipping name: Water

IATA
Not dangerous goods
Proper shipping name: Water

Section XV. REGULATORY INFORMATION

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 Material 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

Exp 03/18/24

ANAB ISO 17034 Accredite
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https://Absolutestandards.co

CERTIFIED WEIGHT REPORT

Part Number: 91980
Lot Number: 031725
Description: Acrolein

Expiration Date: 041725
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB

Solvent(s): Water Lot# 072324Q

5 vials
V14895 to V14899

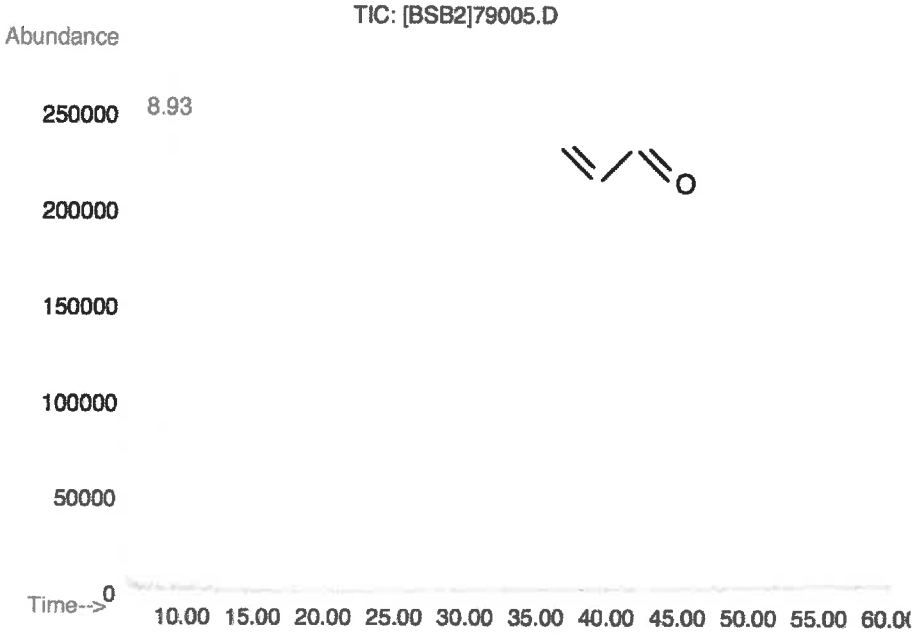
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 10.0 0.001 Flask Uncertainty

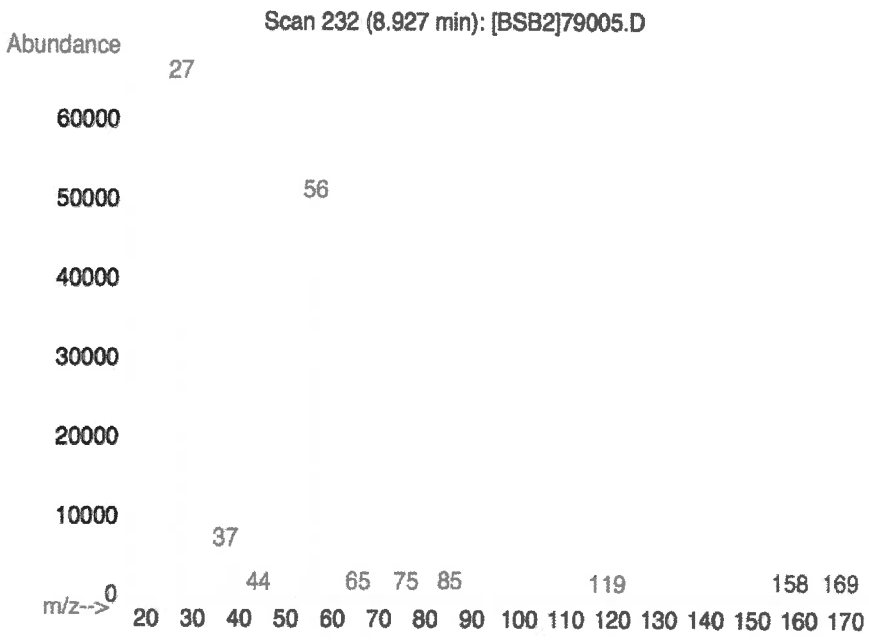
Formulated By: Lawrence Barry 031725 DATE

Reviewed By: Pedro L. Rentas 031725 DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acrolein	5	103755V10F	5000	97	0.5	0.05166	0.05170	5004.1	52.5	107-02-8	0.1 ppm	orl-rat 46mg/kg

Method: GC6MSD-1. **Detector:** Mass Selective Detector (Scan mode). **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.) Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Pedro Rentas. **NOTE:** Due to the instability of acrolein in solution, all solutions of acrolein, and any dilutions thereof, should be used immediately Long term storage is not recommended. Please contact our technical department if further information is required.





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Safety Data Sheet (SDS) GHS/OSHA Compliant

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Address	44 Rossotto Dr.	Emergency Telephone International	**1-352-323-3500**
	Hamden CT, 06514	Date Prepared/Revised	January 1, 2025

Section II - Hazards Identification

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

P271	**Use in ventilated area**	**H315**	**Causes skin and eye irritation.**
P302,332	**If on skin, wash with soap and water**	**P280**	**Use gloves, eye protection/face sheild**
		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)
Water	CAS#: 7732-18-5	> 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

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.
Hazardous Decomposition products	Carbon oxides

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

Water CAS#: 7732-18-5 TWA: 500 ppm

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	100°C	Specific Gravity (H2O = 1)	1
Vapor Pressure (mm Hg)		Melting Point	

	NA		0°C
Vapor Density (AIR = 1)	NA	Evaporation rate (Butyl Acetate = 1)	NA

Solubility in Water — Completely miscible

Appearance and Odor — CLEAR, COLORLESS LIQUID WITH SLIGHT CHEMICAL ODOR.

Section X. STABILITY AND REACTIVITY

Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	NA
Conditions to avoid	NA
Materials to avoid	NA

Hazardous decomposition products - No data available

Section XI. TOXICOLOGICAL INFORMATION

LD50 Oral - Rat	NA
LC50 Inhalation - Rat	NA
LD50 Dermal - Guinea pig	NA

Causes skin irritation.
Eye irritation

Section XII. ECOLOGICAL INFORMATION

LC50	NA
EC50	NA

Section XIII. DISPOSAL CONSIDERATIONS

Dispose with normal Laboratory Solvent Waste.

Section XIV. TRANSPORT INFORMATION

DOT (US)
Not dangerous goods
Proper shipping name: Water

IATA
Not dangerous goods
Proper shipping name: Water

Section XV. REGULATORY INFORMATION

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 03/18/24
5 vial

ANAB ISO 17034 Accredite
AR-1539 Certificate Numbe
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CERTIFIED WEIGHT REPORT

Part Number: 91980
Lot Number: 031725
Description: Acrolein

Solvent(s): Water **Lot#** 072324Q

V14895 to V14899

Expiration Date: 041725
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB

5E-05 Balance Uncertainty
0.001 Flask Uncertainty

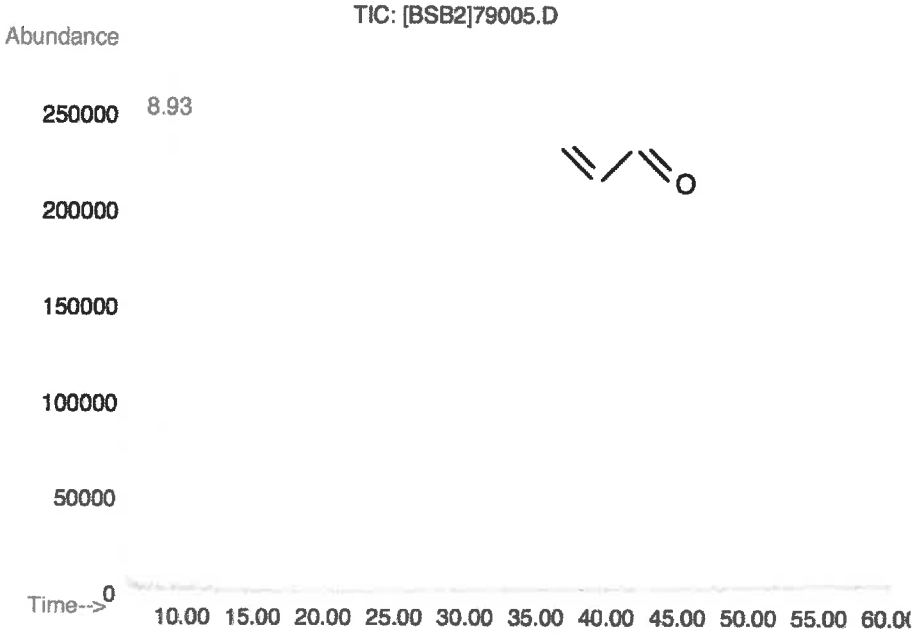
Weight(s) shown below were combined and diluted to (mL): 10.0

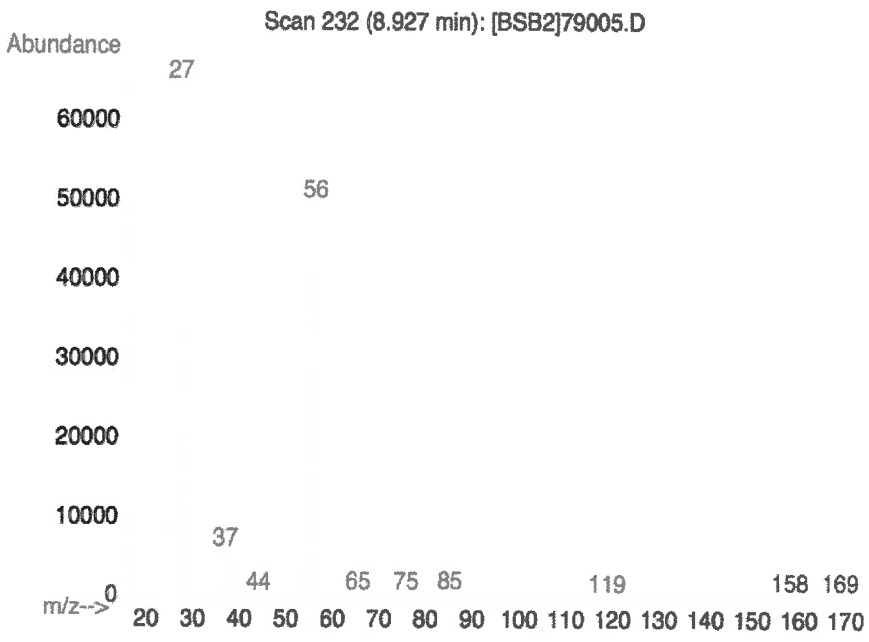
Formulated By: Lawrence Barry 031725 DATE

Reviewed By: Pedro L. Rentas 031725 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 with weights traceable to NIST (see above).**
- **Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.**
- **All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.**
- **Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).**

Absolute Standards Inc.

PO Box 5585
Hamden, CT 06518-0585

Phone: 203-281-2917
FAX: 203-281-2922

Safety Data Sheet (SDS) GHS/OSHA Compliant

Section I Product and Company Identification

IDENTITY **ANALYTICAL STANDARD DISSOLVED IN WATER**

Manufacturer's Name	ABSOLUTE STANDARDS INC	Emergency Telephone USA & CANADA	**1-800-535-5053**
Address	44 Rossotto Dr.	Emergency Telephone International	**1-352-323-3500**
	Hamden CT, 06514	Date Prepared/Revised	January 1, 2025

Section II - Hazards Identification

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

P271	**Use in ventilated area**	**H315**	**Causes skin and eye irritation.**
P302,332	**If on skin, wash with soap and water**	**P280**	**Use gloves, eye protection/face sheild**
		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)
Water	CAS#: 7732-18-5	> 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

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.
Hazardous Decomposition products	Carbon oxides

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

Water CAS#: 7732-18-5 TWA: 500 ppm

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	100°C	Specific Gravity (H2O = 1)	1
Vapor Pressure (mm Hg)		Melting Point	

Absolute Standards Inc.

PO Box 5585
Hamden, CT 06518-0585

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	NA		0°C
Vapor Density (AIR = 1)	NA	Evaporation rate (Butyl Acetate = 1)	NA

Solubility in Water — Completely miscible

Appearance and Odor — CLEAR, COLORLESS LIQUID WITH SLIGHT CHEMICAL ODOR.

Section X. STABILITY AND REACTIVITY

Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	NA
Conditions to avoid	NA
Materials to avoid	NA

Hazardous decomposition products - No data available

Section XI. TOXICOLOGICAL INFORMATION

LD50 Oral - Rat	NA
LC50 Inhalation - Rat	NA
LD50 Dermal - Guinea pig	NA

Causes skin irritation.
Eye irritation

Section XII. ECOLOGICAL INFORMATION

LC50	NA
EC50	NA

Section XIII. DISPOSAL CONSIDERATIONS

Dispose with normal Laboratory Solvent Waste.

Section XIV. TRANSPORT INFORMATION

DOT (US)
Not dangerous goods
Proper shipping name: Water

IATA
Not dangerous goods
Proper shipping name: Water

Section XV. REGULATORY INFORMATION

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 Material 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

Exp 03/18/24

ANAB ISO 17034 Accredite
AR-1539 Certificate Numbe
https://Absolutestandards.co

CERTIFIED WEIGHT REPORT

5 vial

Part Number: 91980
Lot Number: 031725
Description: Acrolein

Solvent(s): Water **Lot#** 072324Q

VI4895 to VI4899

Expiration Date: 041725
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB

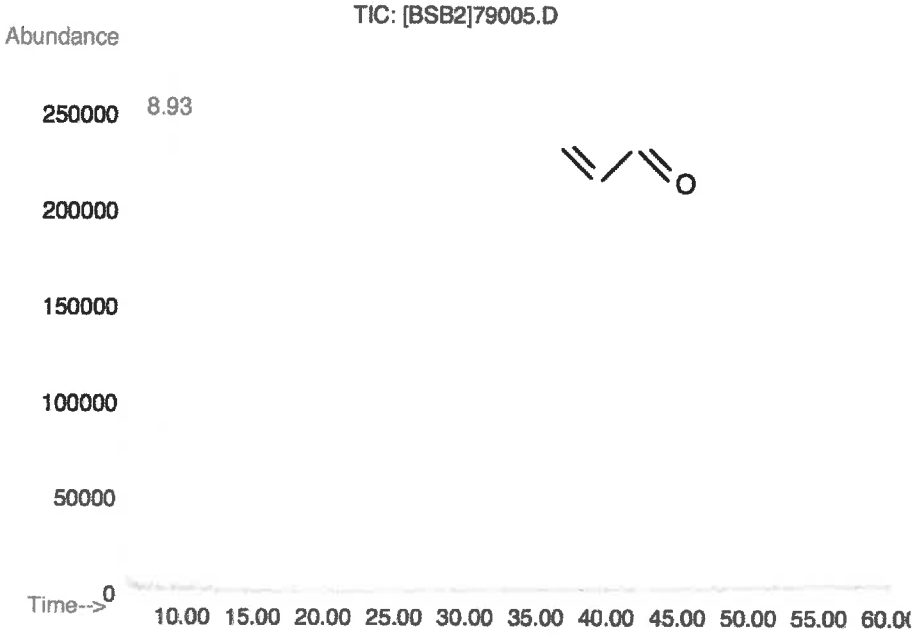
5E-05 Balance Uncertainty
0.001 Flask Uncertainty

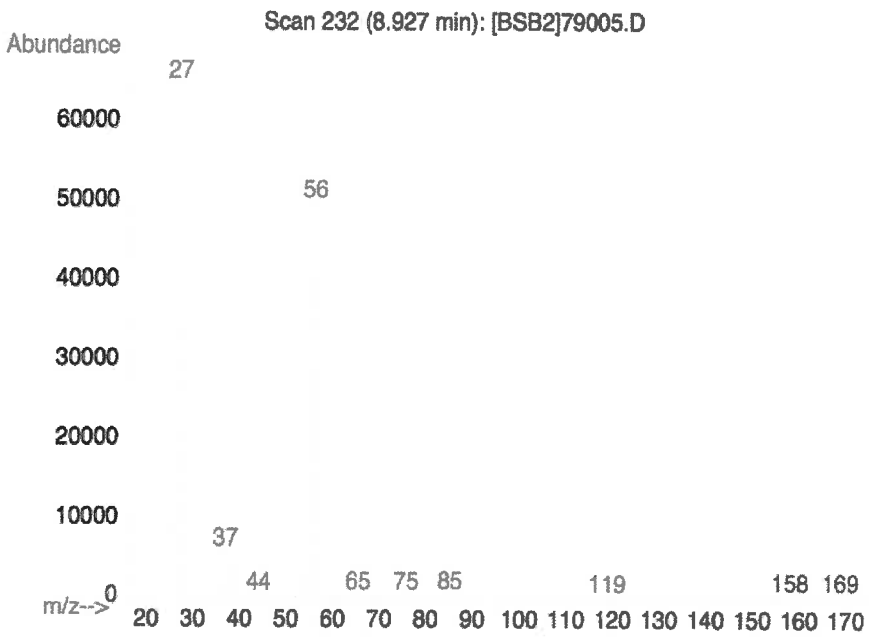
Weight(s) shown below were combined and diluted to (mL): 10.0

Formulated By:	Lawrence Barry	031725 DATE
Reviewed By:	Pedro L. Rentas	031725 DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acrolein	5	103755V10F	5000	97	0.5	0.05166	0.05170	5004.1	52.5	107-02-8	0.1 ppm	orl-rat 46mg/kg

Method: GC6MSD-1. **Detector:** Mass Selective Detector (Scan mode). **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.) Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Pedro Rentas. **NOTE:** Due to the instability of acrolein in solution, all solutions of acrolein, and any dilutions thereof, should be used immediately Long term storage is not recommended. Please contact our technical department if further information is required.





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Address	44 Rossotto Dr.	Emergency Telephone International	**1-352-323-3500**
	Hamden CT, 06514	Date Prepared/Revised	January 1, 2025

Section II - Hazards Identification

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

P271	**Use in ventilated area**	**H315**	**Causes skin and eye irritation.**
P302,332	**If on skin, wash with soap and water**	**P280**	**Use gloves, eye protection/face sheild**
		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)
Water	CAS#: 7732-18-5	> 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

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.
Hazardous Decomposition products	Carbon oxides

Section VI. ACCIDENTAL RELEASE MEASURES

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Clean up	Contain spillage, and then collect and place in container for disposal according to local regulations (see section 13).

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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

Water CAS#: 7732-18-5 TWA: 500 ppm

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	100°C	Specific Gravity (H2O = 1)	1
Vapor Pressure (mm Hg)		Melting Point	

	NA		0°C
Vapor Density (AIR = 1)	NA	Evaporation rate (Butyl Acetate = 1)	NA

Solubility in Water — Completely miscible

Appearance and Odor — CLEAR, COLORLESS LIQUID WITH SLIGHT CHEMICAL ODOR.

Section X. STABILITY AND REACTIVITY

Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	NA
Conditions to avoid	NA
Materials to avoid	NA

Hazardous decomposition products - No data available

Section XI. TOXICOLOGICAL INFORMATION

LD50 Oral - Rat	NA
LC50 Inhalation - Rat	NA
LD50 Dermal - Guinea pig	NA

Causes skin irritation.
Eye irritation

Section XII. ECOLOGICAL INFORMATION

LC50	NA
EC50	NA

Section XIII. DISPOSAL CONSIDERATIONS

Dispose with normal Laboratory Solvent Waste.

Section XIV. TRANSPORT INFORMATION

DOT (US)
Not dangerous goods
Proper shipping name: Water

IATA
Not dangerous goods
Proper shipping name: Water

Section XV. REGULATORY INFORMATION

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 09/16/24 2 Vials

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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

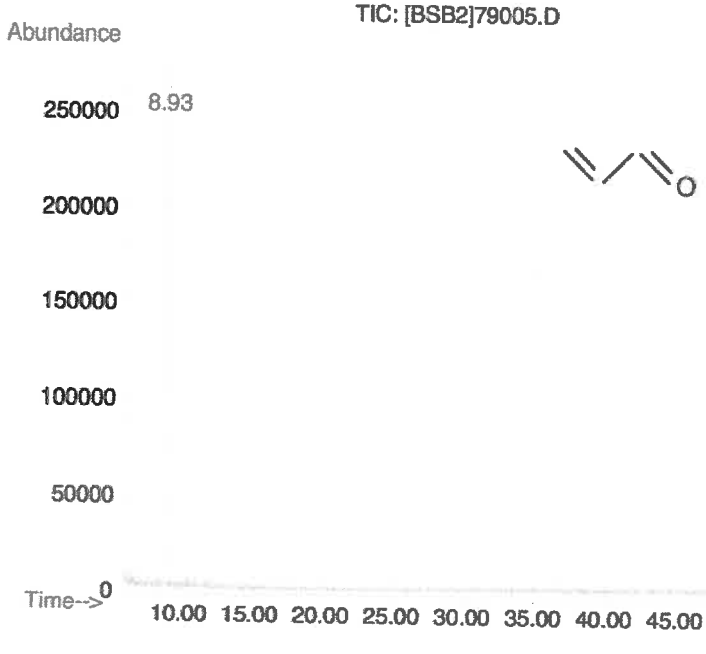
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 10.0 0.001 Flask Uncertainty

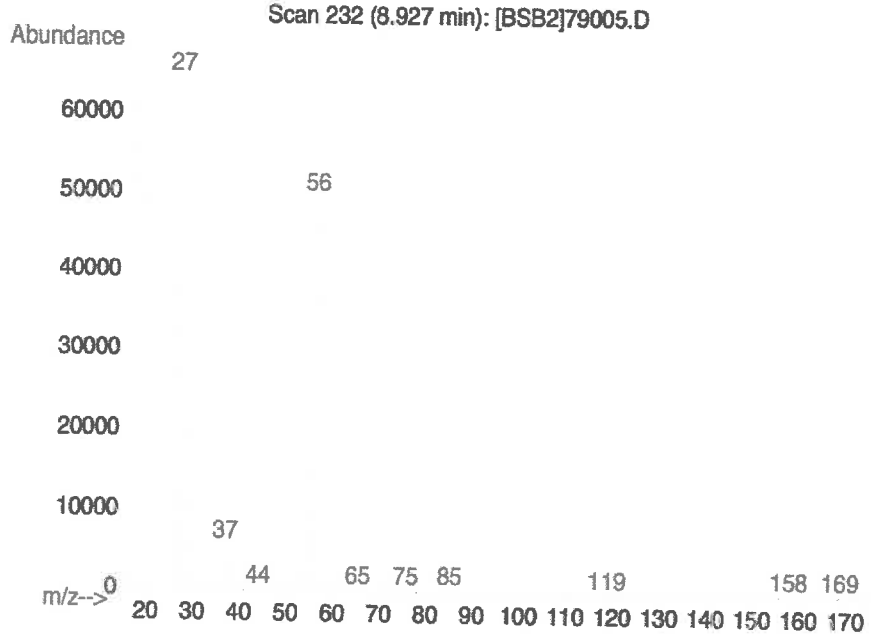
Justin Dippold 091424
Formulated By: Justin Dippold DATE

Pedro Rentas 091424
Reviewed By: Pedro L. Rentas DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acrolein	5	103755V10F	5000	97	0.5	0.05166	0.05175	5008.9	52.5	107-02-8	0.1 ppm	orl-rat 46mg/kg

Method: GC6MSD-1. **Detector:** Mass Selective Detector (Scan mode). **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.), Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Pedro Rentas. **NOTE:** Due to the instability of acrolein in solution, all solutions of acrolein, and any dilutions thereof, should be used immediately Long term storage is not recommended. Please contact our technical department if further information is required.





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Absolute Standards, Inc.
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Certified Reference Material CRM

Rec 09/16/24 2 Vials

ANAB ISO 17034 Accredited
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https://Absolutestandards.co...

CERTIFIED WEIGHT REPORT

Part Number: 91980
Lot Number: 091424
Description: Acrolein

Expiration Date: 101424
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB

Solvent(s): **Lot#**
Water 072324Q

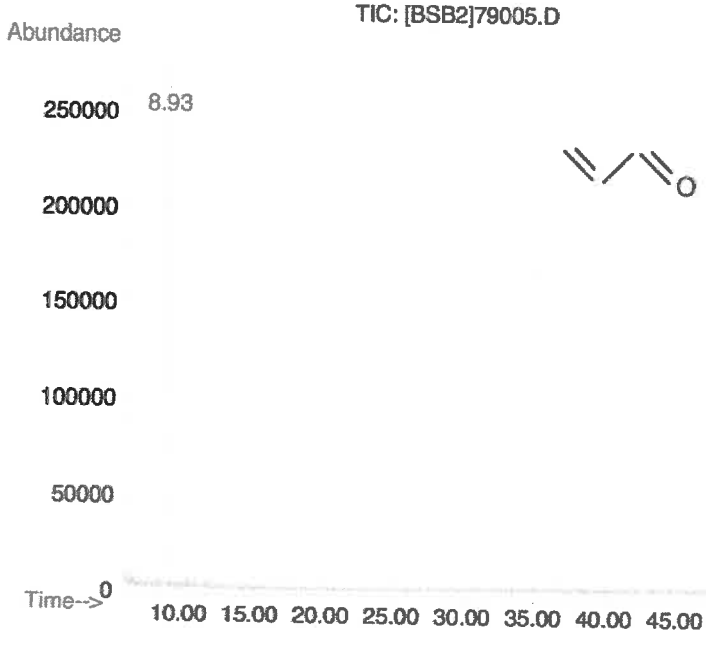
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 10.0 0.001 Flask Uncertainty

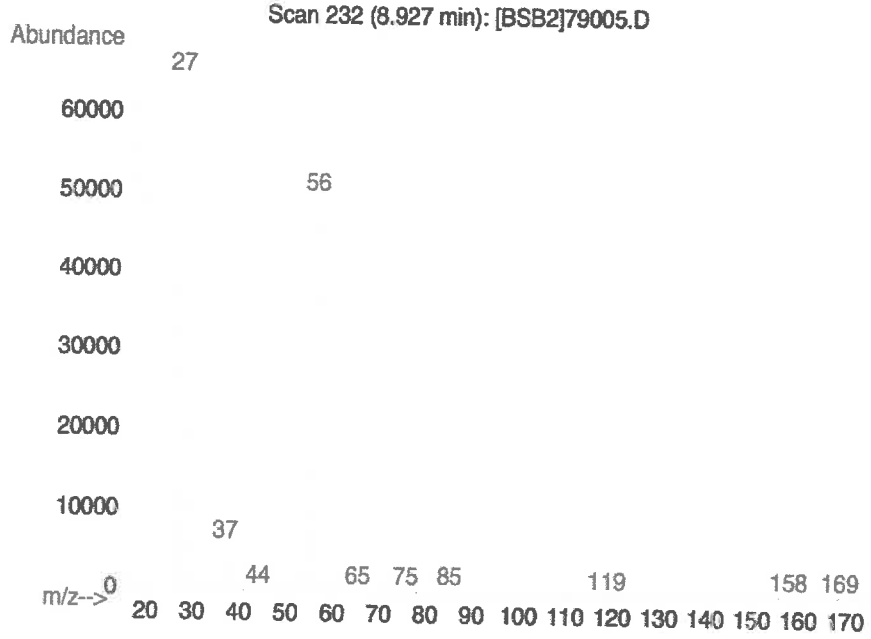
Justin Dippold 091424
Formulated By: Justin Dippold DATE

Pedro Rentas 091424
Reviewed By: Pedro L. Rentas DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acrolein	5	103755V10F	5000	97	0.5	0.05166	0.05175	5008.9	52.5	107-02-8	0.1 ppm	orl-rat 46mg/kg

Method: GC6MSD-1. **Detector:** Mass Selective Detector (Scan mode). **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.), Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Pedro Rentas. **NOTE:** Due to the instability of acrolein in solution, all solutions of acrolein, and any dilutions thereof, should be used immediately Long term storage is not recommended. Please contact our technical department if further information is required.





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Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

Dec 12/6/24
20 vial
V14630 to
V14649

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 95318
Lot Number: 120524
Description: 2-Chloroethyl vinyl ether

Expiration Date: 120527
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 10000
NIST Test ID#: 6UTB

Solvent(s): Methanol **Lot#** EJ143-US

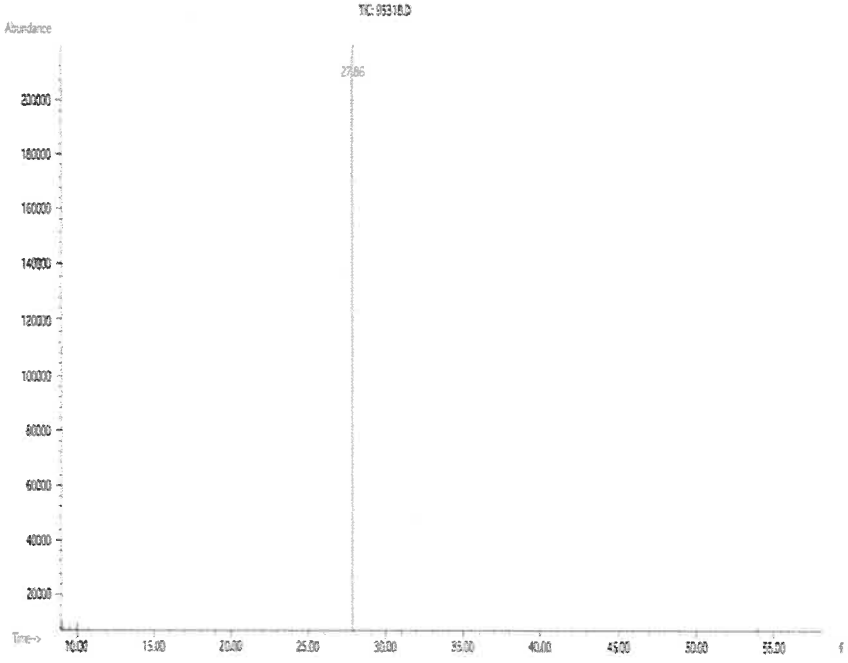
5E-05 Balance Uncertainty
0.001 Flask Uncertainty

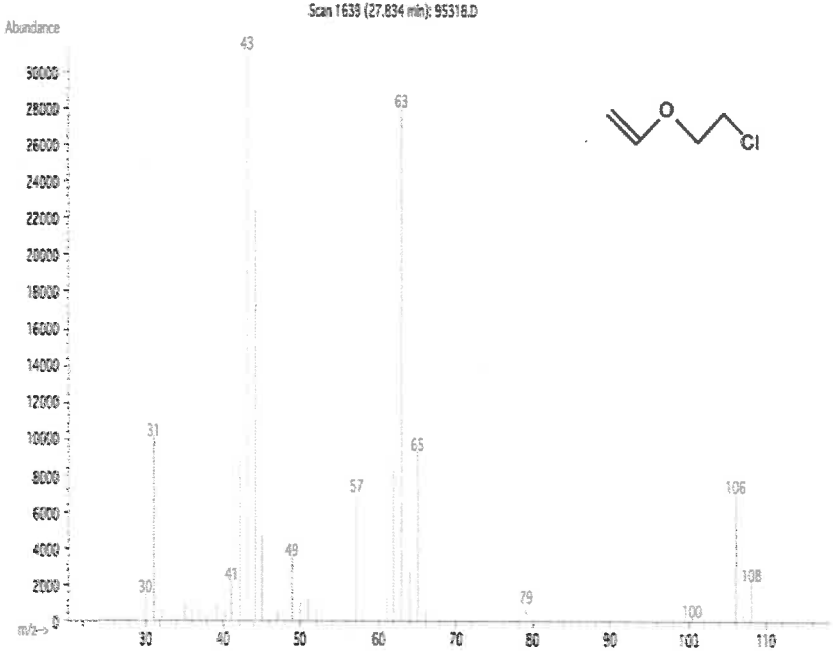
Weight(s) shown below were combined and diluted to (mL): 50.0

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 prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
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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
V14630 to
V14649

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 95318
Lot Number: 120524
Description: 2-Chloroethyl vinyl ether

Expiration Date: 120527
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 10000
NIST Test ID#: 6UTB

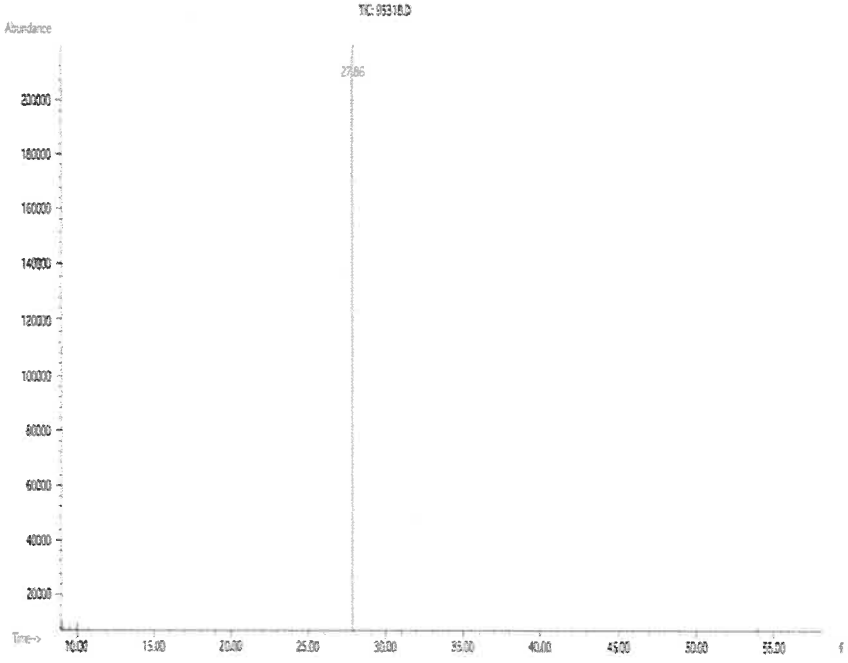
Solvent(s): Methanol **Lot#** EJ143-US

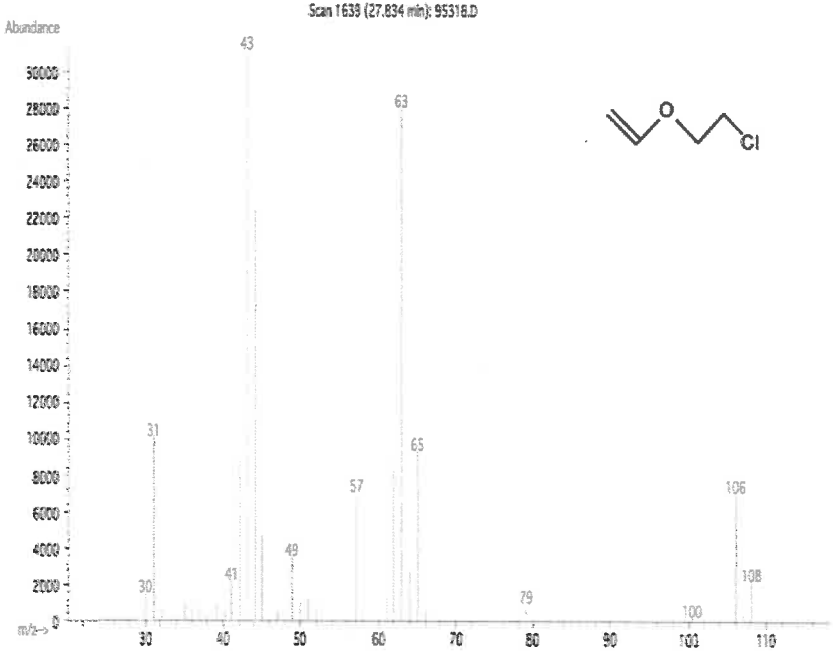
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0 0.001 Flask Uncertainty

Prashant Chauhan	120524	
Formulated By:	Prashant Chauhan	DATE
Pedro Rentas	120524	
Reviewed By:	Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g)	Actual Weight (g)	Actual Conc(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. 2-Chloroethyl vinyl ether	74	MKCD0033	10000	99	0.2	0.50536	0.50550	10002.9	40.5	110-75-8	N/A	ori-rat 250mg/kg

Method: GC6MSD-1.M. **Detector:** MSD. **Column:** (60m X 0.25mm X 1.5 µm). **Oven Profile:** Temp 1 = 35°C (Time 1=10min.), Temp 2 = 200°C (Time 2=8.75 min.), Rate = 4°C/min., Injector B Temp.= 200°C, Detector B Temp. = 220°C. **Analyst:** Candice Warren.





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Safety Data Sheet (SDS) GHS/OSHA Compliant

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Manufacturer's Name	ABSOLUTE STANDARDS INC	Emergency Telephone USA & CANADA	**1-800-535-5053**
Address	44 Rossotto Dr. Hamden CT, 06514	Emergency Telephone International Date Prepared/Revised	**1-352-323-3500** January 1, 2024

Section II - Hazards Identification

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

H225	**Highly Flammable Liquid and Vapor**	**H301, 311, 331**	**Toxic if swallowed, skin contact, inhaled**
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.
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If swallowed	Do NOT induce vomiting. Rinse mouth with water. Consult a physician.

Section V. FIREFIGHTING MEASURES

Flammability	Flammable in the presence of a source of ignition when the temperature is above the flash point. Keep away from heat/sparks/open flame/hot surface. No smoking.
Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Protective equipment for fire	Wear self contained breathing apparatus for fire fighting if necessary.

Section VI. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Vapours accumulate to form explosive concentrations.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Clean up	Contain spillage, and then collect and place in container for disposal according to local regulations (see section 13).

Section VII. HANDLING AND STORAGE

Precautions for safe handling	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Use ventilation Keep away from sources of ignition. No smoking. Prevent the build up of electrostatic charge.
Storage Conditions	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

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

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LC50 Inhalation - rat - 4 h - 64000 ppm
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Toxic if inhaled. Causes respiratory tract irritation.
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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 WEIGHT REPORT

Part Number: 95318
Lot Number: 120524
Description: 2-Chloroethyl vinyl ether

Expiration Date: 120527
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 10000
NIST Test ID#: 6UTB

Solvent(s): Methanol **Lot#** EJ143-US

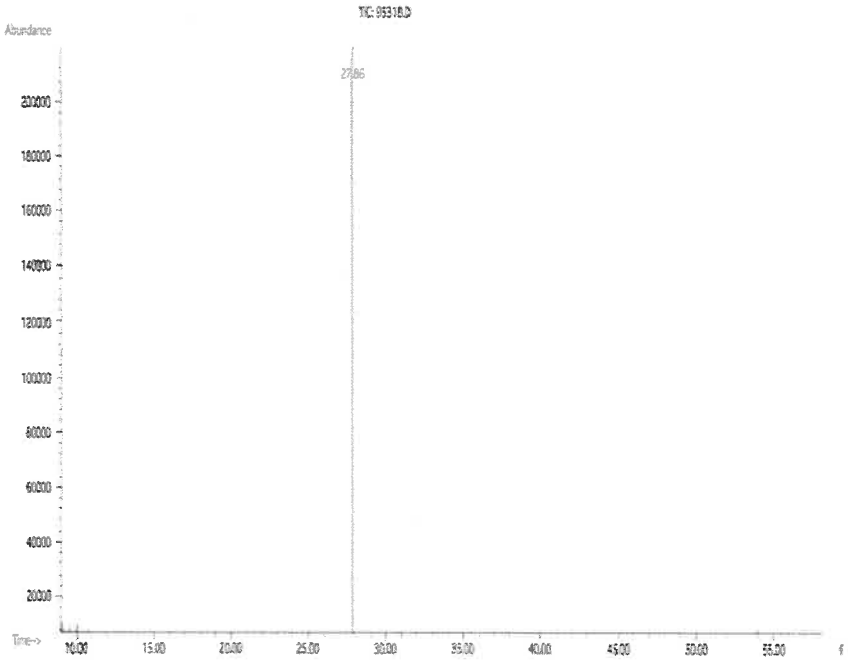
5E-05 Balance Uncertainty
0.001 Flask Uncertainty

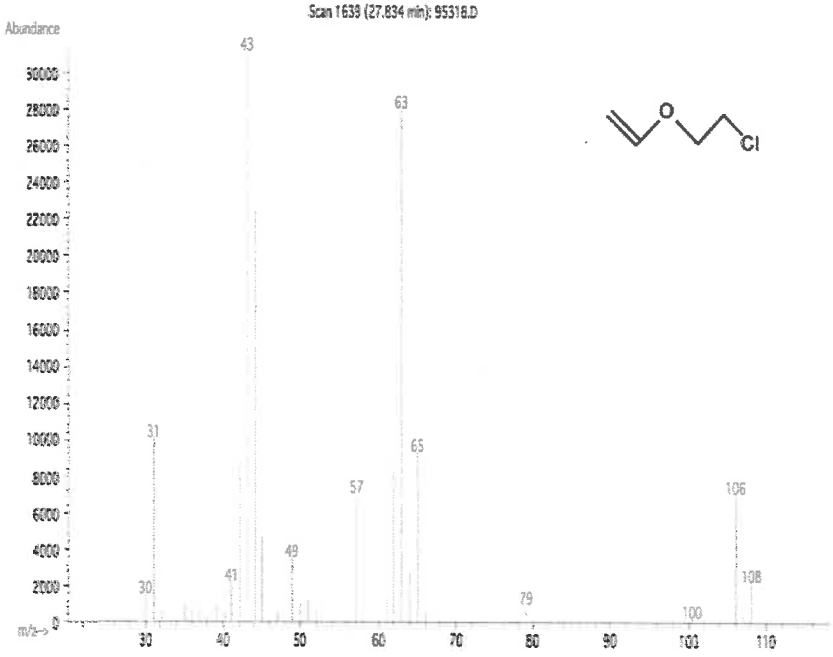
Weight(s) shown below were combined and diluted to (mL): 50.0

Prashant Chauhan	120524	
Formulated By:	Prashant Chauhan	DATE
Pedro Rentas	120524	
Reviewed By:	Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g)	Actual Weight (g)	Actual Conc(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. 2-Chloroethyl vinyl ether	74	MKCD0033	10000	99	0.2	0.50536	0.50550	10002.9	40.5	110-75-8	N/A	ori-rat 250mg/kg

Method: GC6MSD-1.M. **Detector:** MSD. **Column:** (60m X 0.25mm X 1.5 µm). **Oven Profile:** Temp 1 = 35°C (Time 1=10min.), Temp 2 = 200°C (Time 2=8.75 min.), Rate = 4°C/min., Injector B Temp.= 200°C, Detector B Temp. = 220°C. **Analyst:** Candice Warren.





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Section II - Hazards Identification

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

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Signal Word: DANGER

Section III - Composition

Components (Specific Chemical Identity; Common Name(s))			% (optional)
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Personal protective equipment Respiratory protection Handle with gloves. Gloves must be inspected prior to use. Eye protection.
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LC50	15,400 mg/l - 96 h
EC50	24,500.00 mg/l - 48 h
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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

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https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 95318
Lot Number: 120524
Description: 2-Chloroethyl vinyl ether

Expiration Date: 120527
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 10000
NIST Test ID#: 6UTB

Solvent(s): Methanol **Lot#** EJ143-US

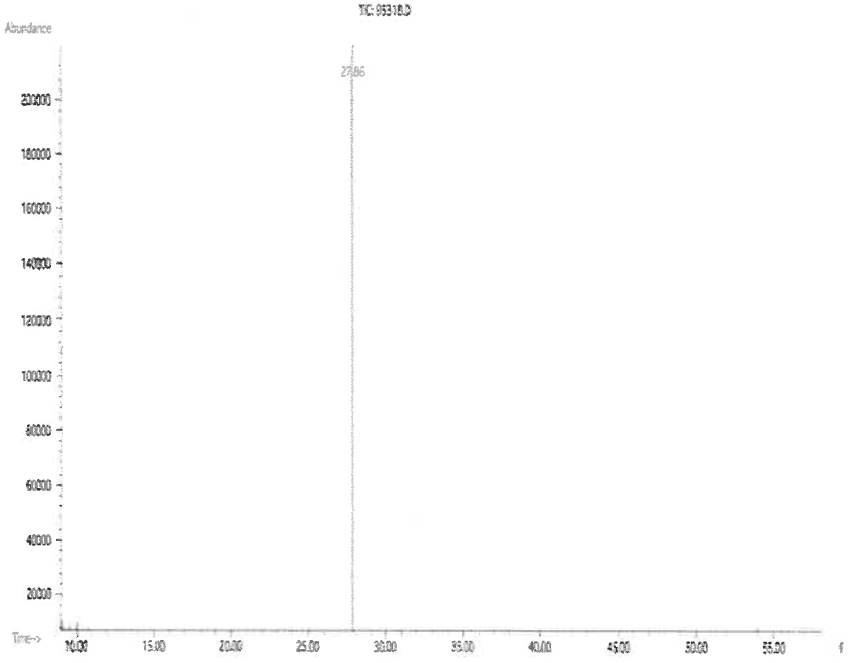
5E-05 Balance Uncertainty
0.001 Flask Uncertainty

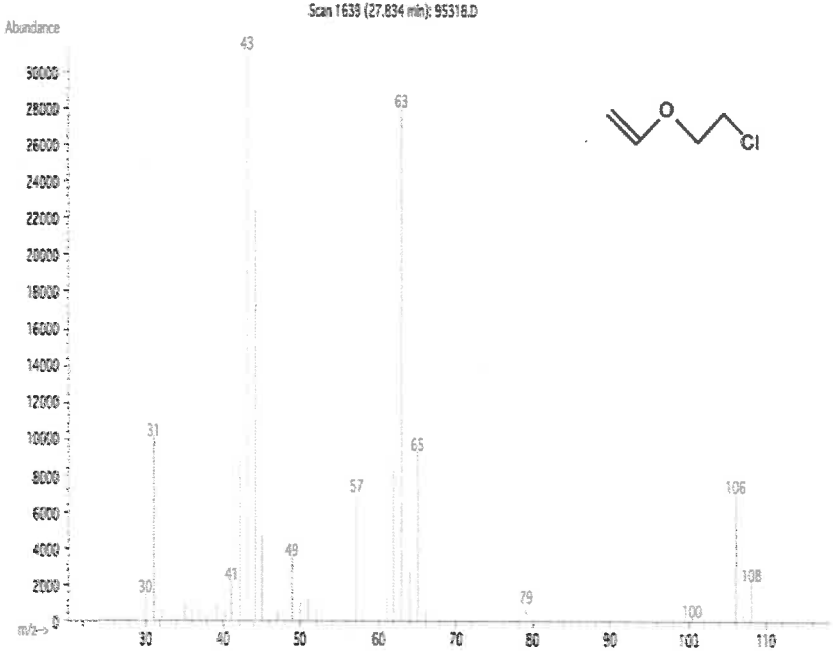
Weight(s) shown below were combined and diluted to (mL): 50.0

Prashant Chauhan	120524
Formulated By: Prashant Chauhan	DATE
Pedro Rentas	120524
Reviewed By: Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g)	Actual Weight (g)	Actual Conc(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. 2-Chloroethyl vinyl ether	74	MKCD0033	10000	99	0.2	0.50536	0.50550	10002.9	40.5	110-75-8	N/A	ori-rat 250mg/kg

Method: GC6MSD-1.M. **Detector:** MSD. **Column:** (60m X 0.25mm X 1.5 µm). **Oven Profile:** Temp 1 = 35°C (Time 1=10min.), Temp 2 = 200°C (Time 2=8.75 min.), Rate = 4°C/min., Injector B Temp.= 200°C, Detector B Temp. = 220°C. **Analyst:** Candice Warren.





- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Absolute Standards Inc.
PO Box 5585
Hamden, CT 06518-0585
Phone: 203-281-2917
FAX: 203-281-2922

Safety Data Sheet (SDS) GHS/OSHA Compliant

Section I Product and Company Identification

IDENTITY **ANALYTICAL STANDARD DISSOLVED IN METHANOL**

Manufacturer's Name	ABSOLUTE STANDARDS INC	Emergency Telephone USA & CANADA	**1-800-535-5053**
Address	44 Rossotto Dr. Hamden CT, 06514	Emergency Telephone International Date Prepared/Revised	**1-352-323-3500** January 1, 2024

Section II - Hazards Identification

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

H225	**Highly Flammable Liquid and Vapor**	**H301, 311, 331**	**Toxic if swallowed, skin contact, inhaled**
H370	**Cause damage to organs**	**H351**	**Suspected of causing cancer**
P271	**Use in ventilated area**	**P280**	**Use gloves, eye protection/face sheild**
P302,332	**If on skin, wash with soap and water**	**P305,351,338**	**If in eyes, remove contacts, rinse with water**

Signal Word: DANGER

Section III - Composition

Components (Specific Chemical Identity; Common Name(s))			% (optional)
Methanol	METHYL ALCOHOL	CAS#: 67-56-1	> 97

See Certified Weight Report For Other Analytes Present At Trace Quantities.

INTENDED USE: REFERENCE MATERIAL

Section IV. FIRST AID MEASURES

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.Move to safe area.
If inhaled	If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	Wash with soap and water. Consult a physician.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	Do NOT induce vomiting. Rinse mouth with water. Consult a physician.

Section V. FIREFIGHTING MEASURES

Flammability	Flammable in the presence of a source of ignition when the temperature is above the flash point. Keep away from heat/sparks/open flame/hot surface. No smoking.
Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Protective equipment for fire	Wear self contained breathing apparatus for fire fighting if necessary.

Section VI. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Vapours accumulate to form explosive concentrations.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Clean up	Contain spillage, and then collect and place in container for disposal according to local regulations (see section 13).

Section VII. HANDLING AND STORAGE

Precautions for safe handling	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Use ventilation Keep away from sources of ignition. No smoking. Prevent the build up of electrostatic charge.
Storage Conditions	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Section VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Methanol 67-56-1 TWA 200 ppm
Skin notation TWA 200 ppm
Potential for skin absorption , ingestion and inhalation.
Personal protective equipment Respiratory protection Handle with gloves. Gloves must be inspected prior to use. Eye protection.
Avoid contact with skin, eyes and clothing. Wash hands thoroughly after handling the product.

Section IX - Physical/Chemical Characteristics

Boiling Point	65°C	Specific Gravity (H2O = 1)	0.79
Vapor Pressure (mm Hg)	96	Melting Point	-98°C
Vapor Density (AIR = 1)	1.11	Evaporation rate (Butyl Acetate = 1)	4.6

Solubility in Water COMPLETE

Appearance and Odor CLEAR, COLORLESS LIQUID WITH CHARACTERISTIC PUNGENT ODOR.

Section X. STABILITY AND REACTIVITY

Chemical stability — Stable under recommended storage conditions.
Possibility of hazardous reactions — Vapours may form explosive mixture with air.
Conditions to avoid — Heat, flames, sparks, extreme temperature and sunlight.
Materials to avoid — Acid chlorides, Acid anhydrides, Oxidizing agents, Alkali metals, Reducing agents, Acids
Hazardous decomposition products formed under fire conditions. - Carbon oxides

Section XI. TOXICOLOGICAL INFORMATION

LD50 Oral - rat - 5,628 mg/kg
LC50 Inhalation - rat - 4 h - 64000 ppm
LD50 Dermal - rabbit - 15,800 mg/kg
Toxic if absorbed through skin. Causes skin irritation.
Eye damage/eye irritation
Toxic if inhaled. Causes respiratory tract irritation.
Toxic if swallowed.

Section XII. ECOLOGICAL INFORMATION FOR REPORTABLE QUANTITY OF 5000 lbs.

LC50	15,400 mg/l - 96 h
EC50	24,500.00 mg/l - 48 h
EC100	10,000.00 mg/l - 24 h

Section XIII. DISPOSAL CONSIDERATIONS

Dispose with normal Laboratory Solvent Waste.

Section XIV. TRANSPORT INFORMATION

DOT (US)
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

IATA
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

Section XV. REGULATORY INFORMATION

OSHA Hazards Flammable liquid, Target Organ Effect, Toxic by inhalation., Toxic by ingestion, Toxic by skin absorption, Irritant
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.

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
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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.)

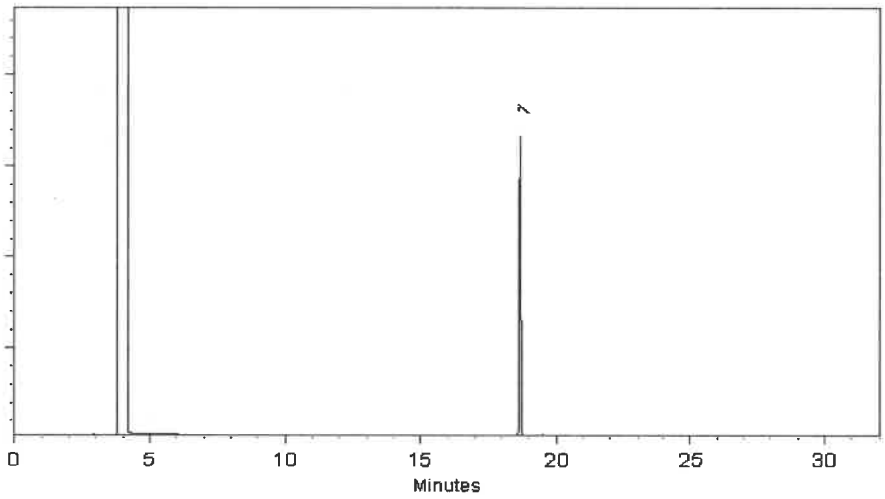
Inj. Temp:
200°C

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. : 30225 **Lot No.:** A0193071

Description : Bromochloromethane Standard

Bromochloromethane 2000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : December 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Bromochloromethane	74-97-5	00008541	99%	2,018.0 µg/mL	+/- 113.3890

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

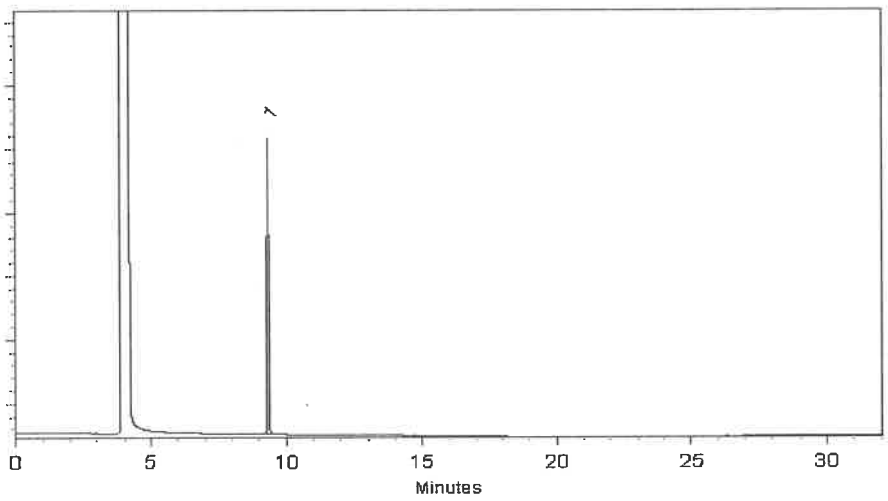
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Tom Suckar - Mix Technician

Date Mixed: 29-Dec-2022 **Balance Serial #** B707717271

Christie Mills - Operations Tech II - ARM QC

Date Passed: 03-Jan-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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Catalog No. : 30225 **Lot No.:** A0193071

Description : Bromochloromethane Standard

Bromochloromethane 2000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : December 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Bromochloromethane	74-97-5	00008541	99%	2,018.0 µg/mL	+/- 113.3890

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

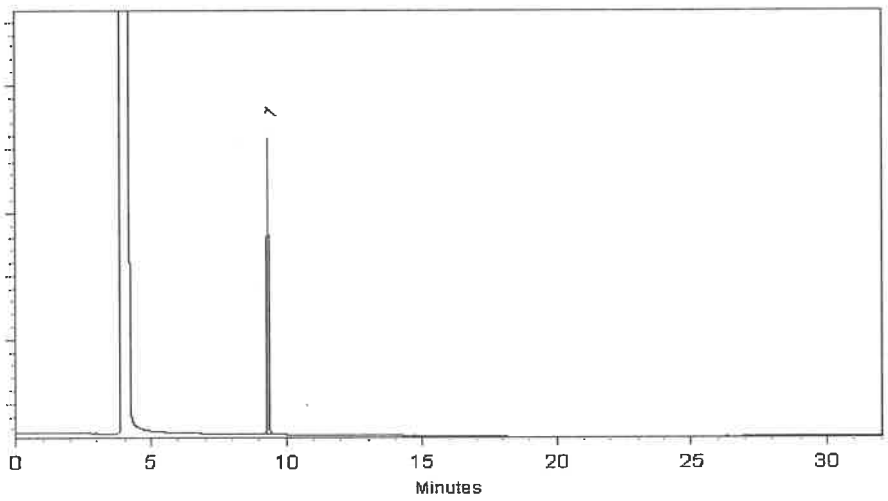
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



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Tom Suckar - Mix Technician

Date Mixed: 29-Dec-2022 **Balance Serial #** B707717271

Christie Mills - Operations Tech II - ARM QC

Date Passed: 03-Jan-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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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  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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Description : Bromochloromethane Standard

Bromochloromethane 2000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : December 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

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* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

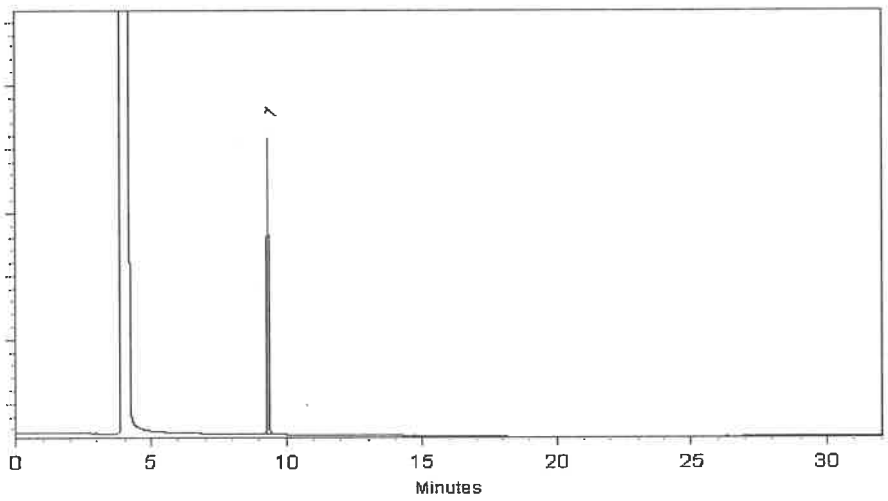
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



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Tom Suckar - Mix Technician

Date Mixed: 29-Dec-2022 **Balance Serial #** B707717271

Christie Mills - Operations Tech II - ARM QC

Date Passed: 03-Jan-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

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- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

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  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30225 **Lot No.:** A0193071

Description : Bromochloromethane Standard

Bromochloromethane 2000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : December 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Bromochloromethane	74-97-5	00008541	99%	2,018.0 µg/mL	+/- 113.3890

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

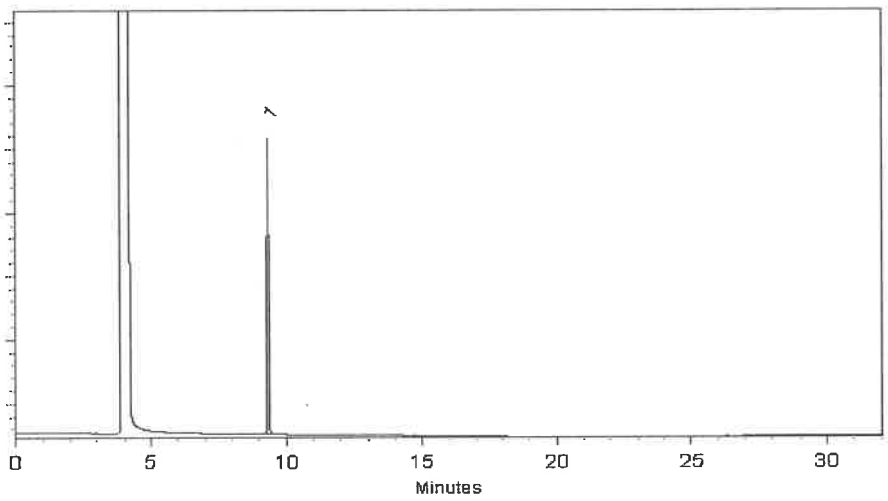
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Tom Suckar - Mix Technician

Date Mixed: 29-Dec-2022 **Balance Serial #** B707717271

Christie Mills - Operations Tech II - ARM QC

Date Passed: 03-Jan-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555582 **Lot No.:** A0196865

Description : Custom 8260A/B Surrogate Mix

Custom 8260A/B Surrogate Mix 25,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2026 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,2-Dichloroethane-d4	17060-07-0	PR-32845	99%	25,036.0 µg/mL	+/- 1,417.9179
2	1-Bromo-4-fluorobenzene (BFB)	460-00-4	184975	99%	25,132.0 µg/mL	+/- 1,423.3549
3	Dibromofluoromethane	1868-53-7	022013	99%	25,040.0 µg/mL	+/- 1,418.1445
4	Toluene-d8	2037-26-5	PR-33397	99%	25,028.0 µg/mL	+/- 1,417.4648

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Russ Bookhamer - Operations Technician I

Date Mixed: 11-Apr-2023 **Balance:** 1127510105

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30489 **Lot No.:** A0209618

Description : 8260B Acetates Mix

8260B Acetates Mix 2,000 µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Methyl acetate	79-20-9	SHBP3100	99%	2,019.3 µg/mL	+/- 69.7974
2	Vinyl acetate	108-05-4	RP231030CTH	98%	2,016.8 µg/mL	+/- 69.7112
3	Ethyl acetate	141-78-6	SHBQ9682	99%	2,010.7 µg/mL	+/- 69.4979
4	Isopropyl acetate	108-21-4	BCCG7069	99%	2,016.0 µg/mL	+/- 69.6822
5	Propyl acetate	109-60-4	P8XLN	99%	2,008.0 µg/mL	+/- 69.4057
6	Butyl acetate	123-86-4	SHBP6314	99%	2,007.3 µg/mL	+/- 69.3826
7	Amyl acetate	628-63-7	41325/1	97%	2,004.7 µg/mL	+/- 69.2905

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:

Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods . Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this

reason, we offer vinyl acetate in individual solution, and suggest that it be introduced into the working level calibration solution immediately before use. This will minimize problems and ensure more consistent results.

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

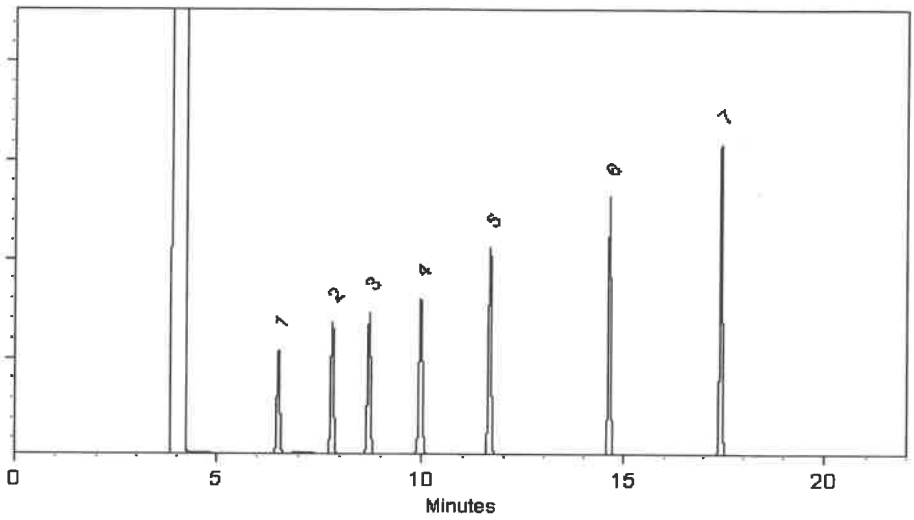
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Sam Moodler - Operations Tech I

Date Mixed: 28-Mar-2024 **Balance Serial #** B707717271

Dillan Murphy - Operations Technician I

Date Passed: 01-Apr-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
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- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

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  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

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Handling Notes:

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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.)

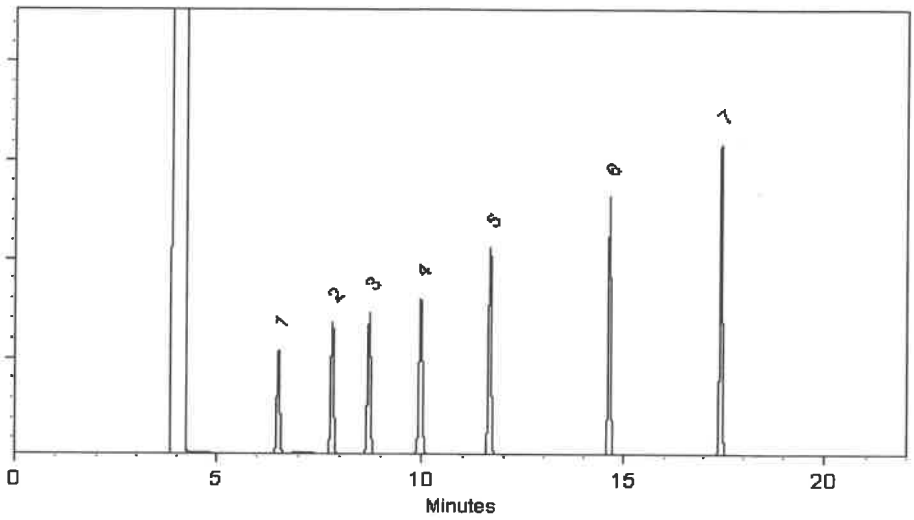
Inj. Temp:
200°C

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:

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Handling Notes:

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Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555581 **Lot No.:** A0210184

Description : Custom 8260 Internal Standard Mix

Custom 8260 Internal Standard Mix 25,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2027 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	25,212.0 µg/mL	+/- 1,427.8857
2	1,4-Difluorobenzene	540-36-3	MKCS8657	99%	25,220.0 µg/mL	+/- 1,428.3388
3	Chlorobenzene-d5	3114-55-4	PR-31132	99%	25,116.0 µg/mL	+/- 1,422.4487
4	Pentafluorobenzene	363-72-4	MKCR9383	99%	25,180.0 µg/mL	+/- 1,426.0734

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

John Friedline - Operations Technician I

Date Mixed: 11-Apr-2024 **Balance:** 1127510105

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

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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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- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30006 **Lot No.:** A0210618

Description : VOA Calibration Mix #1

VOA Calibration Mix #1 5,000µg/mL, P&T Methanol/Water(90:10), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1	SHBQ8504	99%	5,014.8 µg/mL	+/- 173.2883
2	2-Butanone (MEK)	78-93-3	SHBQ4704	99%	5,012.4 µg/mL	+/- 173.2054
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBP9200	99%	5,011.6 µg/mL	+/- 173.1777
4	2-Hexanone	591-78-6	MKCQ6663	99%	5,013.0 µg/mL	+/- 173.2261

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

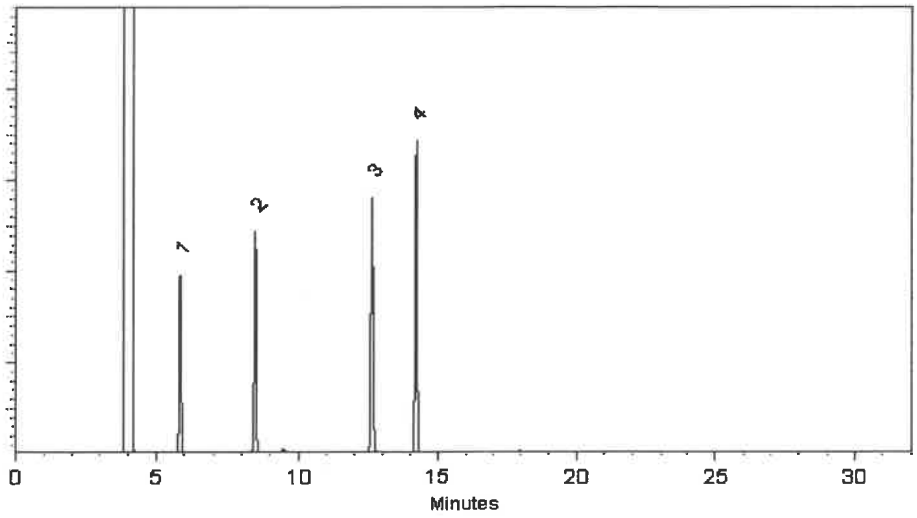
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Dakota Parson - Operations Technician I

Date Mixed: 22-Apr-2024 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Apr-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30006 **Lot No.:** A0210618

Description : VOA Calibration Mix #1

VOA Calibration Mix #1 5,000µg/mL, P&T Methanol/Water(90:10), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1	SHBQ8504	99%	5,014.8 µg/mL	+/- 173.2883
2	2-Butanone (MEK)	78-93-3	SHBQ4704	99%	5,012.4 µg/mL	+/- 173.2054
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBP9200	99%	5,011.6 µg/mL	+/- 173.1777
4	2-Hexanone	591-78-6	MKCQ6663	99%	5,013.0 µg/mL	+/- 173.2261

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

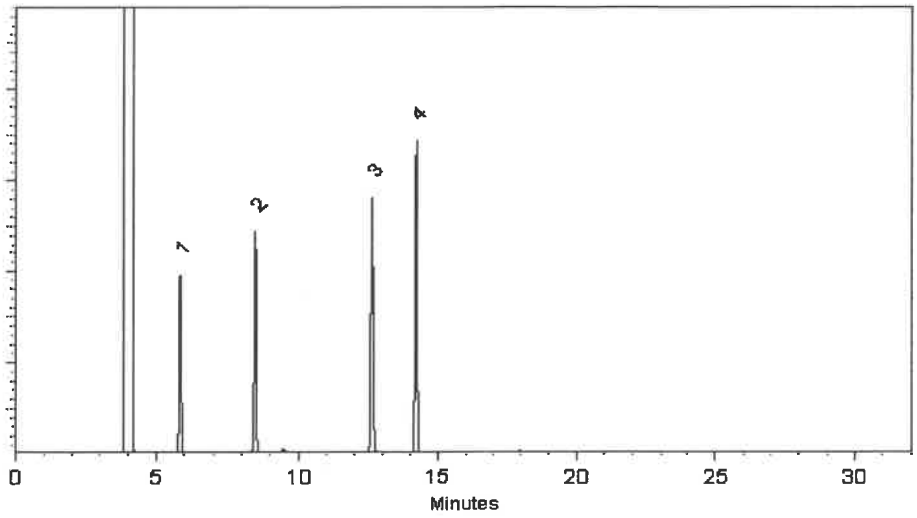
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



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Dakota Parson - Operations Technician I

Date Mixed: 22-Apr-2024 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Apr-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

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- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

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- 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.

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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.)

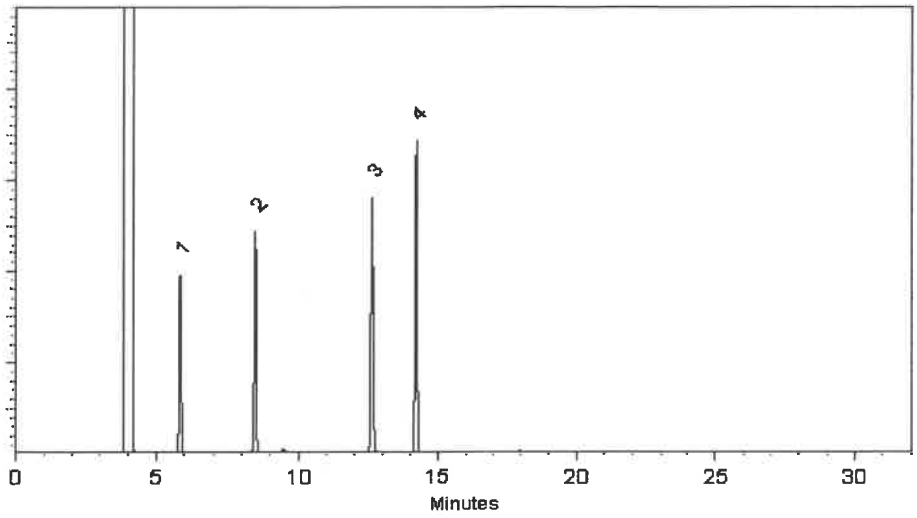
Inj. Temp:
200°C

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:

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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. : 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.

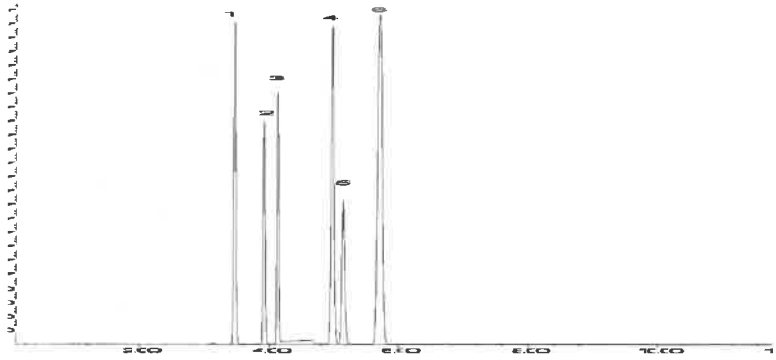
Inj. Temp:
200°C

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.
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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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  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

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Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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CERTIFIED REFERENCE MATERIAL

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Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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Catalog No. : 30042 **Lot No.:** A0216826

Description : 502.2 Calibration Mix #1

502.2 Calibration Mix #1 2,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2031 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8	00022922	99%	2,000.9 µg/mL	+/- 112.4144
2	Chloromethane (methyl chloride)	74-87-3	00022694	99%	2,000.7 µg/mL	+/- 112.3998
3	Vinyl chloride	75-01-4	00015559	99%	2,000.3 µg/mL	+/- 112.3779
4	Bromomethane (methyl bromide)	74-83-9	00017022	99%	2,001.8 µg/mL	+/- 112.4650
5	Chloroethane (ethyl chloride)	75-00-3	107-401039114-1	99%	2,000.1 µg/mL	+/- 112.3700
6	Trichlorofluoromethane (CFC-11)	75-69-4	MKCJ8658	99%	2,000.7 µg/mL	+/- 112.3992

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
60m x 0.25mm x 1.4µm
Rtx-502.2 (cat.#10916)

Carrier Gas:
helium-constant flow 2.0 mL/min.

Temp. Program:
40°C (hold 6 min.) to 100°C
@ 6°C/min.

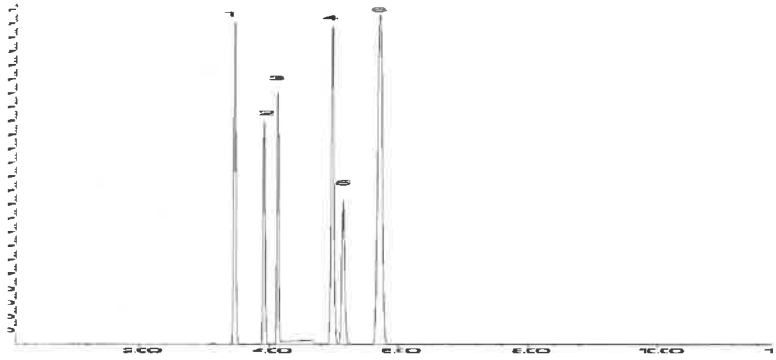
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
MSD

Split Vent:
Split ratio 10:1

Inj. Vol
1µl



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Tom Suckar - Mix Technician

Date Mixed: 23-Sep-2024 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 04-Oct-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

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- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

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  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

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Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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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.)

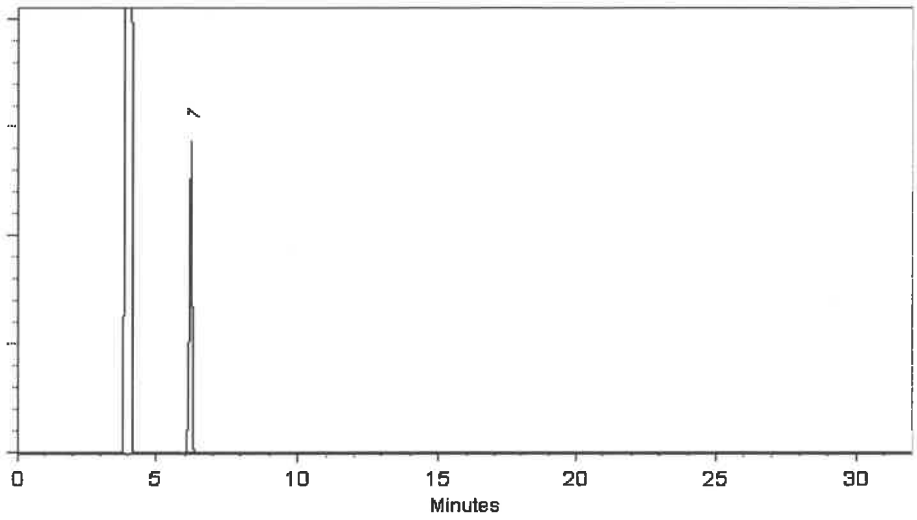
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



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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.

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

Verify Rec 01/08/21

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic

V14803 - V14822

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555408-SL **Lot No.:** A0220471

Description : Custom Vinyl Acetate Standard

Custom Vinyl Acetate Standard 8,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 30, 2026 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Vinyl acetate	108-05-4	RD240423RSR	99%	8,066.0 µg/mL	+/- 278.7979

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:

Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods . Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this reason, we offer vinyl acetate in individual solution, and suggest that it be introduced into the working level calibration solution immediately before use. This will minimize problems and ensure more consistent results.

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

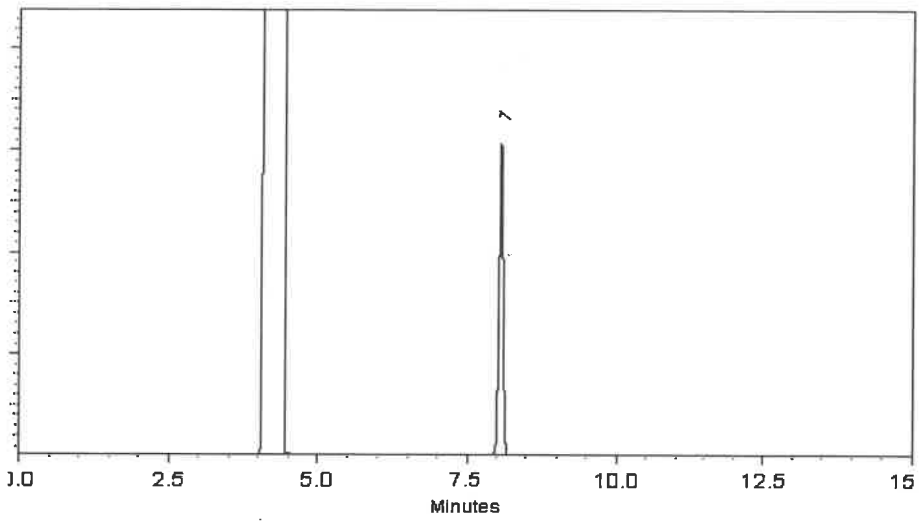
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Ethan Winiarski - Operations Tech I

Date Mixed: 24-Dec-2024 **Balance Serial #** 1127510105

Dillan Murphy - Operations Technician I

Date Passed: 02-Jan-2025

REVIEWED

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
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- Purity of isomeric compounds is reported as the sum of the isomers.
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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%.

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Manufacturing Notes:

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Handling Notes:

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www.restek.com

Verify Rec 01/08/21

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic

V14803 - V14822

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

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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. : 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)
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Purity 99%

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40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

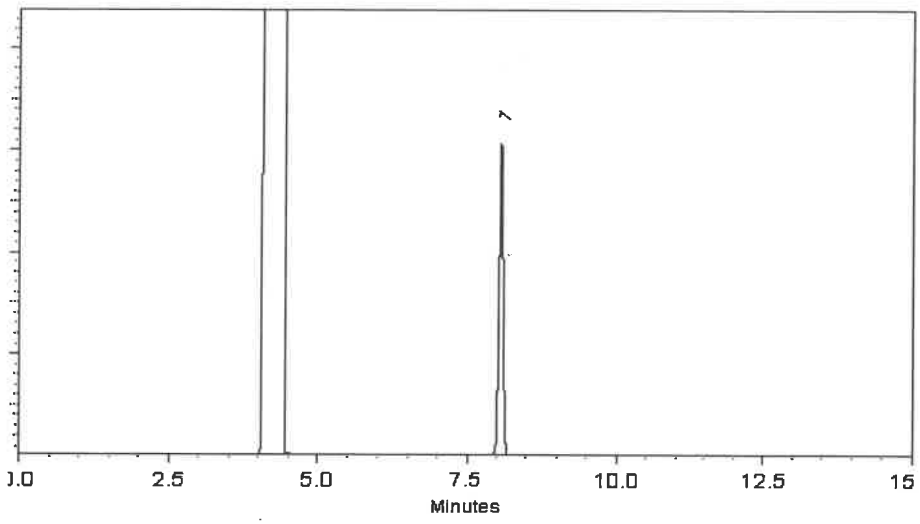
Inj. Temp:
200°C

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

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Methanol
ULTRA RESI-ANALYZED
For Purge and Trap Analysis

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 T Ethier
Jamie Ethier
Vice President Global Quality

Methanol
ULTRA RESI-ANALYZED
For Purge and Trap Analysis

avantor™ | J.T.Baker®

V14883
V14884

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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846 for Solid Waste

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

James T Ethier
Jamie Ethier
Vice President Global Quality

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials, LLC
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone 610.386.1700

SHIPPING DOCUMENTS

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO.
QUOTE NO. Q1557/58
COC Number 2041505

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: RESOLUTION
ADDRESS:
CITY STATE: ZIP:
ATTENTION: ELEANOR VIVAUDOU
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: NWIRP BETHPAGE
PROJECT NO.: 60731872 LOCATION: BETHPAGE
PROJECT MANAGER: E. VIVAUDOU
e-mail: ELEANOR.VIVAUDOU@AECOM.COM
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: E. VIVAUDOU PO#:
ADDRESS: 27 ELLIS PLACE
CITY OSSINING STATE: NY ZIP: 10563
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: STANDARD DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS

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 NYSDEC EDD CAT B

ANALYSIS

1 VOCs 8260
2 14 DIOXANE SIM 8270
3 S22 (14 DIOXANE)
4
5
6
7
8
9

CHEMTECH 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/E	E	E/F							← Specify Preservatives A-HCl D-NaOH B-HN03 E-ICE C-H2SO4 F-OTHER
1.	BPOW6-7-20250312	GW		X	3-12-25	0950	5	2	1	2							
2.	BPOW6-8-20250312	GW		X		0955	5	2	1	2							
3.	BPOW6-9-20250312	GW		X		0930	15	6	3	6							MS/MSD
4.	BPOW6-10-20250312	GW		X		1030	5	2	1	2							
5.	BPOW6-11-20250312	GW		X		1010	5	2	1	2							
6.	DUP04-20250312	GW		X		—	5	2	1	2							
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:	DATE/TIME:
1.	3-12-25 1500	1.	3-12-25
2.		2.	
3.	3-12-25 1814	3.	

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.1 °C
Comments:

Page 1 of 1

CLIENT: ☐ Hand Delivered ☐ Other
CHEMTECH: ☐ Picked Up ☐ Field Sampling

Shipment Complete ☐ YES ☐ NO

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1557 AECO15
Client Name : AECOM Technical Services
Client Contact : Eleanor Vivadou
Invoice Name : AECOM Technical Services
Invoice Contact : Eleanor Vivadou

Order Date : 3/12/2025 4:47:00 PM
Project Name : NAVFAC NWIRP Bethpage
Receive DateTime : 3/12/2025 6:19:00 PM
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
Q1557-01	BPOW6-7-20250312	Water	03/12/2025	09:50					
					VOCMS Group1		8260-Low		10 Bus. Days
Q1557-02	BPOW6-8-20250312	Water	03/12/2025	09:55					
					VOCMS Group1		8260-Low		10 Bus. Days
Q1557-03	BPOW6-9-20250312	Water	03/12/2025	09:30					
					VOCMS Group1		8260-Low		10 Bus. Days
Q1557-04	Q1557-03MS	Water	03/12/2025	09:30					
					VOCMS Group1		8260-Low		10 Bus. Days
Q1557-05	Q1557-03MSD	Water	03/12/2025	09:30					
					VOCMS Group1		8260-Low		10 Bus. Days
Q1557-06	BPOW6-10-20250312	Water	03/12/2025	10:30					
					VOCMS Group1		8260-Low		10 Bus. Days
Q1557-07	BPOW6-11-20250312	Water	03/12/2025	10:10					
					VOCMS Group1		8260-Low		10 Bus. Days
Q1557-08	DUP04-20250312	Water	03/12/2025	00:00					

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

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Hard Copy Date :
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LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
					VOCMS Group1		8260-Low	10 Bus. Days	

Relinguished By : _____
Date / Time : 3-13-25 1020

Received By : _____
Date / Time : 3.13.25 10:20

Storage Area : VOA Refridgerator Room

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045068.D
Acq On : 28 Feb 2025 01:27
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Quant Time: Feb 28 06:28:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:18:23 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.550	168	102761	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.757	114	188642	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.049	117	159886	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	64845	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.964	65	2512	1.537	ug/l		0.01
Spiked Amount 50.000	Range 74 - 125		Recovery =	3.080%#			
35) Dibromofluoromethane	5.391	113	1752	1.389	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	2.780%#			
50) Toluene-d8	8.653	98	5691	1.244	ug/l		0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	2.480%#			
62) 4-Bromofluorobenzene	11.085	95	1685	1.112	ug/l		0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	2.220%#			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.166	85	1282	1.007	ug/l		90
3) Chloromethane	1.301	50	1552	0.975	ug/l		91
4) Vinyl Chloride	1.368	62	1588	1.008	ug/l	#	85
5) Bromomethane	1.593	94	824	1.335	ug/l		99
6) Chloroethane	1.673	64	1228	1.591	ug/l	#	74
7) Trichlorofluoromethane	1.880	101	2011	0.957	ug/l		97
8) Diethyl Ether	2.130	74	835	1.045	ug/l		80
9) 1,1,2-Trichlorotrifluo...	2.319	101	1081	0.884	ug/l		87
10) Methyl Iodide	2.447	142	1156	0.775	ug/l	#	96
11) Tert butyl alcohol	2.941	59	5356	17.299	ug/l	#	73
12) 1,1-Dichloroethene	2.313	96	1251	0.991	ug/l		92
13) Acrolein	2.239	56	1756	4.906	ug/l		98
14) Allyl chloride	2.660	41	2343	1.055	ug/l		93
15) Acrylonitrile	3.075	53	4067	4.931	ug/l		99
16) Acetone	2.380	43	4259	5.635	ug/l		100
17) Carbon Disulfide	2.502	76	3256	0.956	ug/l	#	92
18) Methyl Acetate	2.703	43	1960	1.066	ug/l		93
19) Methyl tert-butyl Ether	3.111	73	4017	0.943	ug/l		91
20) Methylene Chloride	2.782	84	1656	1.095	ug/l		98
21) trans-1,2-Dichloroethene	3.093	96	1109	0.869	ug/l		91
22) Diisopropyl ether	3.764	45	4026	0.871	ug/l	#	80
23) Vinyl Acetate	3.727	43	15271	3.971	ug/l		97
24) 1,1-Dichloroethane	3.605	63	2467	0.958	ug/l	#	83
25) 2-Butanone	4.587	43	4894	4.252	ug/l		96
26) 2,2-Dichloropropane	4.471	77	1066	0.872	ug/l	#	56
27) cis-1,2-Dichloroethene	4.501	96	1412	0.902	ug/l	#	19
28) Bromochloromethane	4.885	49	1144	0.958	ug/l	#	54
29) Tetrahydrofuran	5.032	42	3719	4.809	ug/l	#	34
30) Chloroform	5.093	83	2478	0.978	ug/l		92
31) Cyclohexane	5.465	56	1875	0.843	ug/l		90
32) 1,1,1-Trichloroethane	5.373	97	1867	0.893	ug/l	#	52
36) 1,1-Dichloropropene	5.690	75	1681	0.967	ug/l	#	84
37) Ethyl Acetate	4.739	43	1582	0.703	ug/l	#	70
38) Carbon Tetrachloride	5.660	117	588	0.332	ug/l	#	81
39) Methylcyclohexane	7.385	83	1750	0.831	ug/l		88
40) Benzene	6.031	78	4984	0.907	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045068.D
Acq On : 28 Feb 2025 01:27
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Quant Time: Feb 28 06:28:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:18:23 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.958	41	912	0.748	ug/l	#	80
42) 1,2-Dichloroethane	6.099	62	1837	0.924	ug/l		78
43) Isopropyl Acetate	6.355	43	2545	0.767	ug/l	#	95
44) Trichloroethene	7.129	130	1202	0.933	ug/l		65
45) 1,2-Dichloropropane	7.434	63	1334	0.971	ug/l	#	82
46) Dibromomethane	7.586	93	891	0.897	ug/l		92
47) Bromodichloromethane	7.818	83	1802	0.927	ug/l	#	85
48) Methyl methacrylate	7.714	41	1125	0.699	ug/l	#	61
49) 1,4-Dioxane	7.684	88	639	18.144	ug/l	#	81
51) 4-Methyl-2-Pentanone	8.574	43	10091	4.567	ug/l		95
52) Toluene	8.720	92	2700	0.841	ug/l		97
53) t-1,3-Dichloropropene	8.994	75	1147	0.700	ug/l	#	85
54) cis-1,3-Dichloropropene	8.373	75	1525	0.804	ug/l	#	90
55) 1,1,2-Trichloroethane	9.153	97	1306	1.004	ug/l	#	90
56) Ethyl methacrylate	9.135	69	1494	0.748	ug/l	#	93
57) 1,3-Dichloropropane	9.311	76	2112	0.920	ug/l		97
58) 2-Chloroethyl Vinyl ether	8.251	63	4115	4.320	ug/l		95
59) 2-Hexanone	9.439	43	6582	4.153	ug/l		96
60) Dibromochloromethane	9.519	129	1152	0.835	ug/l		98
61) 1,2-Dibromoethane	9.610	107	1174	0.890	ug/l		97
64) Tetrachloroethene	9.275	164	1006	0.986	ug/l	#	88
65) Chlorobenzene	10.080	112	3094	0.908	ug/l		90
66) 1,1,1,2-Tetrachloroethane	10.159	131	1078	0.978	ug/l	#	65
67) Ethyl Benzene	10.195	91	5008	0.846	ug/l	#	85
68) m/p-Xylenes	10.305	106	3552	1.630	ug/l		97
69) o-Xylene	10.640	106	1949	0.891	ug/l		95
70) Styrene	10.665	104	2810	0.802	ug/l		97
71) Bromoform	10.799	173	667	0.768	ug/l	#	92
73) Isopropylbenzene	10.964	105	4405	0.858	ug/l		96
74) N-amyl acetate	10.854	43	1750	0.732	ug/l	#	87
75) 1,1,2,2-Tetrachloroethane	11.213	83	1809	0.954	ug/l		88
76) 1,2,3-Trichloropropane	11.244	75	1878	1.246	ug/l		86
77) Bromobenzene	11.201	156	1166	0.972	ug/l		91
78) n-propylbenzene	11.305	91	4475	0.773	ug/l		97
79) 2-Chlorotoluene	11.366	91	3616	0.986	ug/l		98
80) 1,3,5-Trimethylbenzene	11.451	105	3386	0.815	ug/l		94
81) trans-1,4-Dichloro-2-b...	11.031	75	285	0.646	ug/l	#	81
82) 4-Chlorotoluene	11.457	91	3631	0.904	ug/l		99
83) tert-Butylbenzene	11.713	119	3928	0.929	ug/l		96
84) 1,2,4-Trimethylbenzene	11.756	105	3432	0.827	ug/l		95
85) sec-Butylbenzene	11.890	105	3891	0.752	ug/l		100
86) p-Isopropyltoluene	12.012	119	3257	0.797	ug/l		94
87) 1,3-Dichlorobenzene	11.976	146	1948	0.913	ug/l		96
88) 1,4-Dichlorobenzene	11.976	146	1948	0.900	ug/l		97
89) n-Butylbenzene	12.335	91	2470	0.691	ug/l		93
90) Hexachloroethane	12.536	117	609	0.805	ug/l		94
91) 1,2-Dichlorobenzene	12.335	146	1918	0.890	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	308	0.859	ug/l		82
93) 1,2,4-Trichlorobenzene	13.591	180	866	0.706	ug/l		93
94) Hexachlorobutadiene	13.725	225	462	0.917	ug/l		94
95) Naphthalene	13.780	128	3337	0.707	ug/l	#	94
96) 1,2,3-Trichlorobenzene	13.963	180	969	0.759	ug/l		93

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045068.D
Acq On : 28 Feb 2025 01:27
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Quant Time: Feb 28 06:28:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:18:23 2025
Response via : Initial Calibration

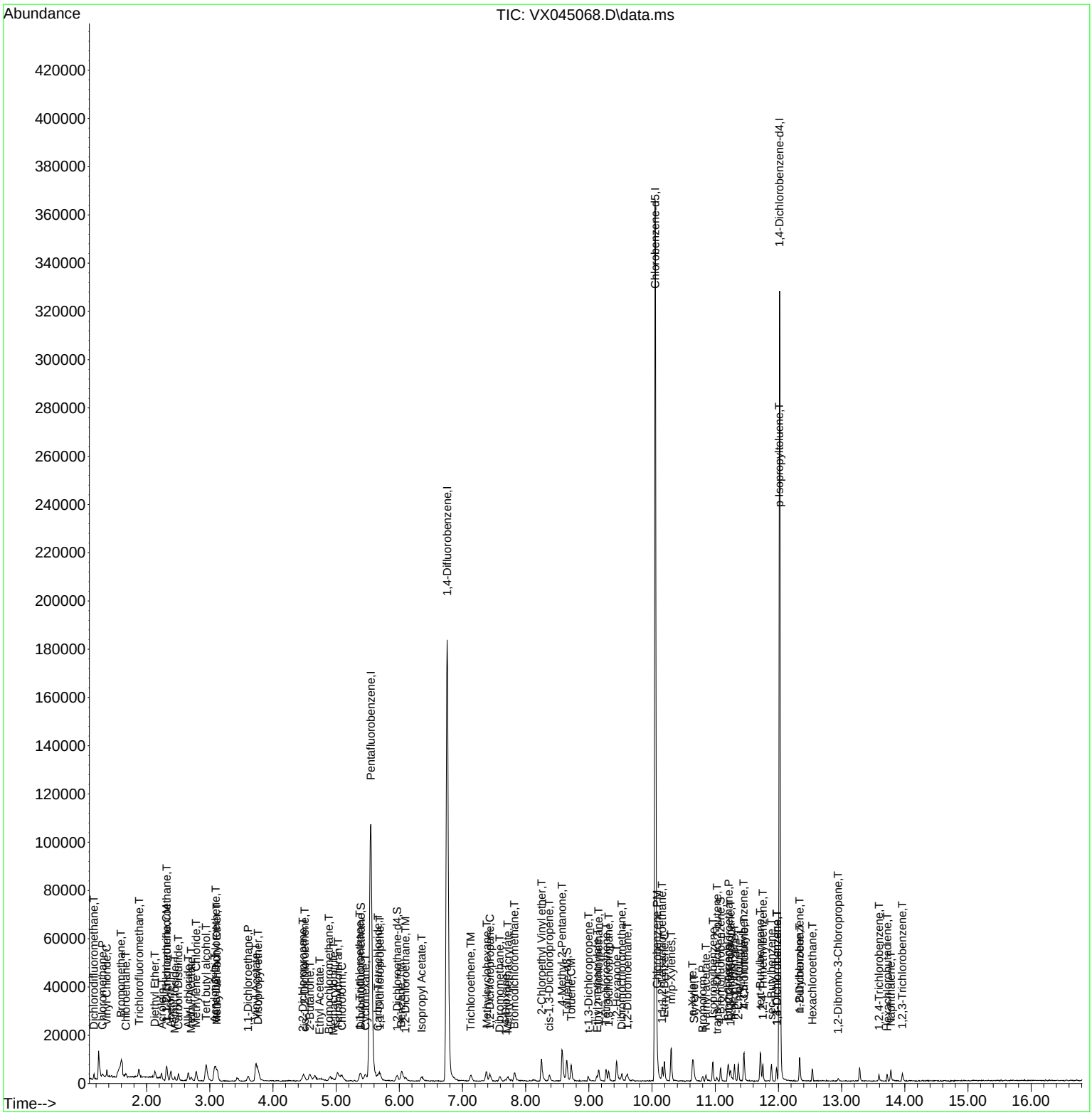
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

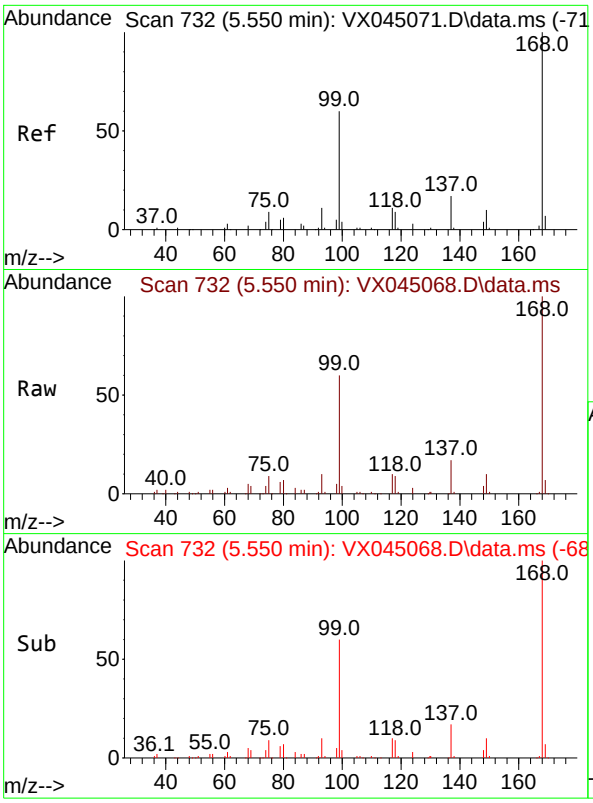
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045068.D
Acq On : 28 Feb 2025 01:27
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Quant Time: Feb 28 06:28:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:18:23 2025
Response via : Initial Calibration



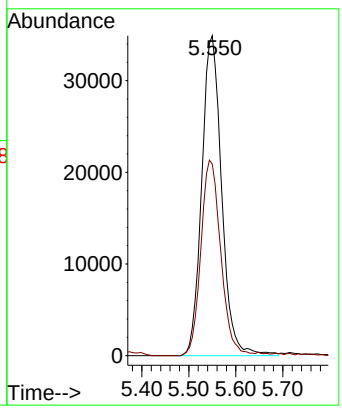


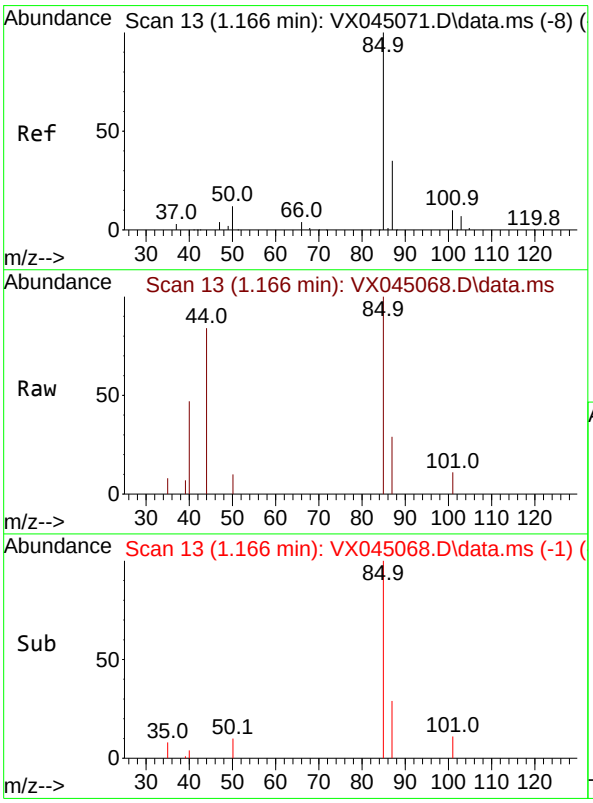
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:168 Resp: 102761

Ion	Ratio	Lower	Upper
168	100		
99	59.9	48.2	72.4

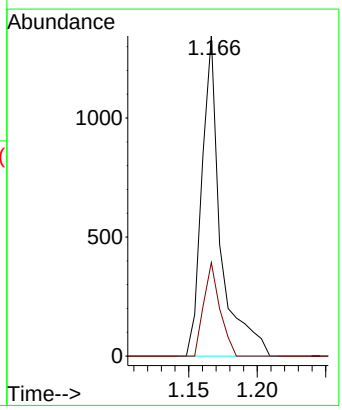


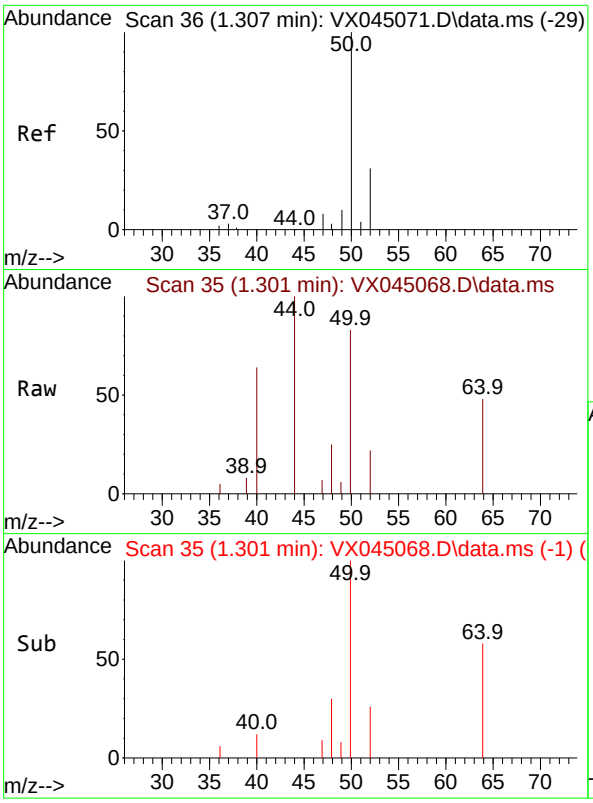


#2
Dichlorodifluoromethane
Concen: 1.007 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 85 Resp: 1282

Ion	Ratio	Lower	Upper
85	100		
87	29.2	17.4	52.3



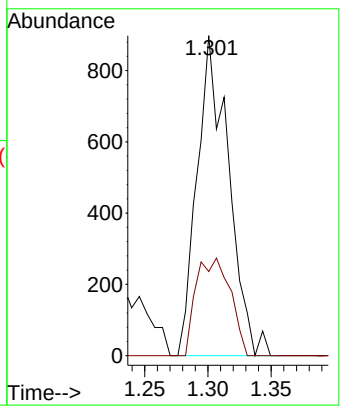


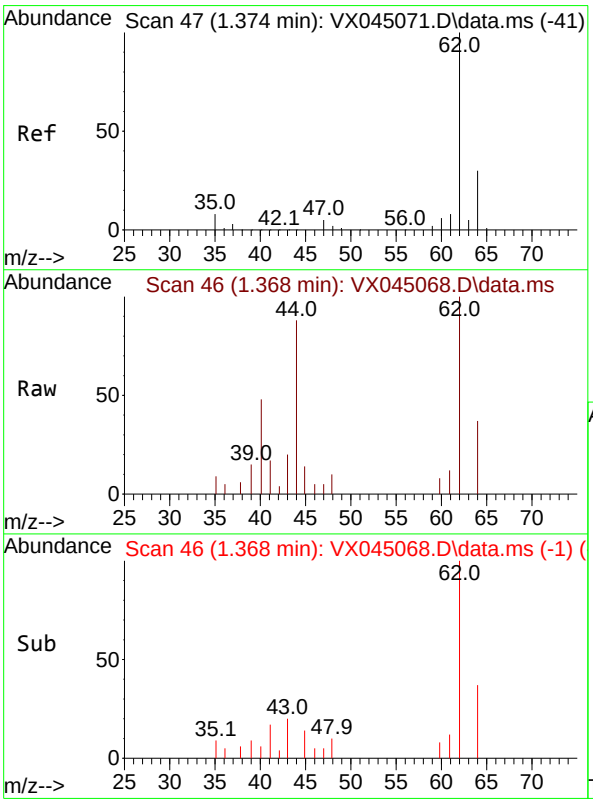
#3
Chloromethane
Concen: 0.975 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 50 Resp: 1552

Ion	Ratio	Lower	Upper
50	100		
52	26.3	25.0	37.4

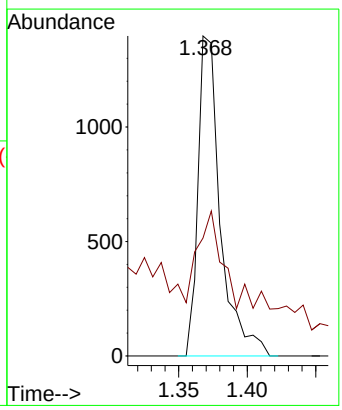


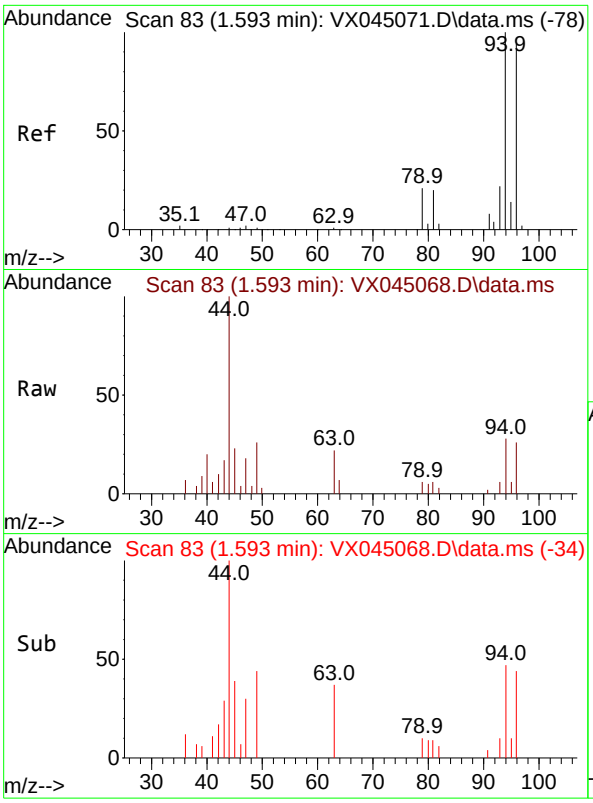


#4
Vinyl Chloride
Concen: 1.008 ug/l
RT: 1.368 min Scan# 46
Delta R.T. -0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 62 Resp: 1588

Ion	Ratio	Lower	Upper
62	100		
64	22.0	24.3	36.5#



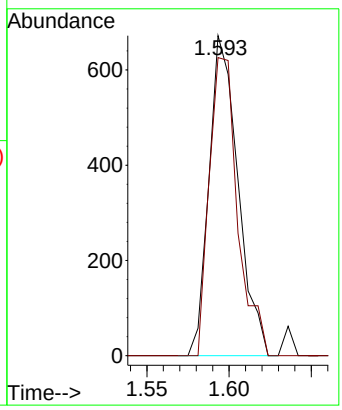


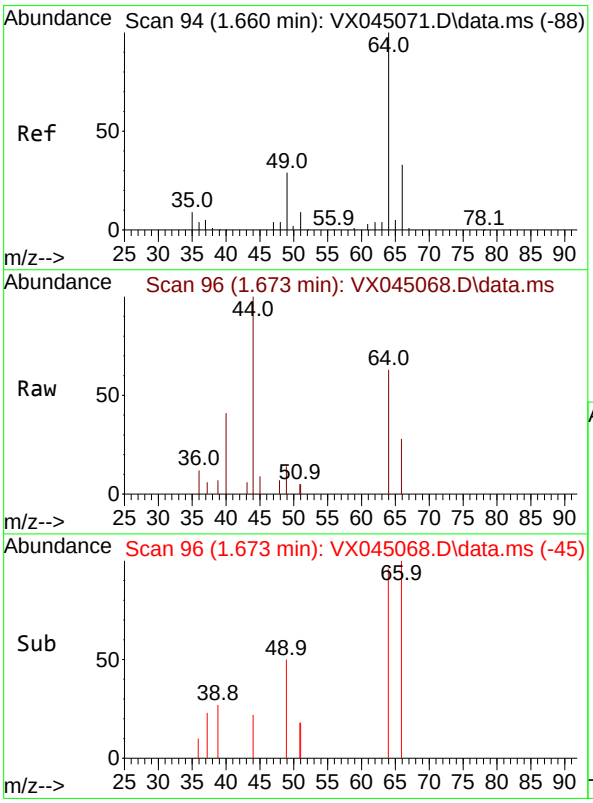
#5
Bromomethane
Concen: 1.335 ug/l
RT: 1.593 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 94 Resp: 824

Ion	Ratio	Lower	Upper
94	100		
96	93.2	75.0	112.4

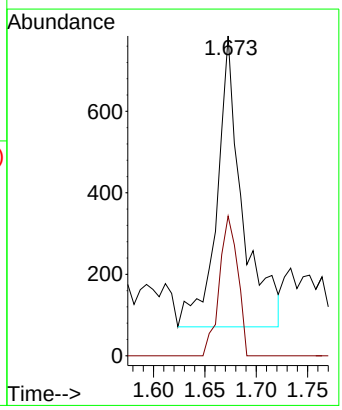


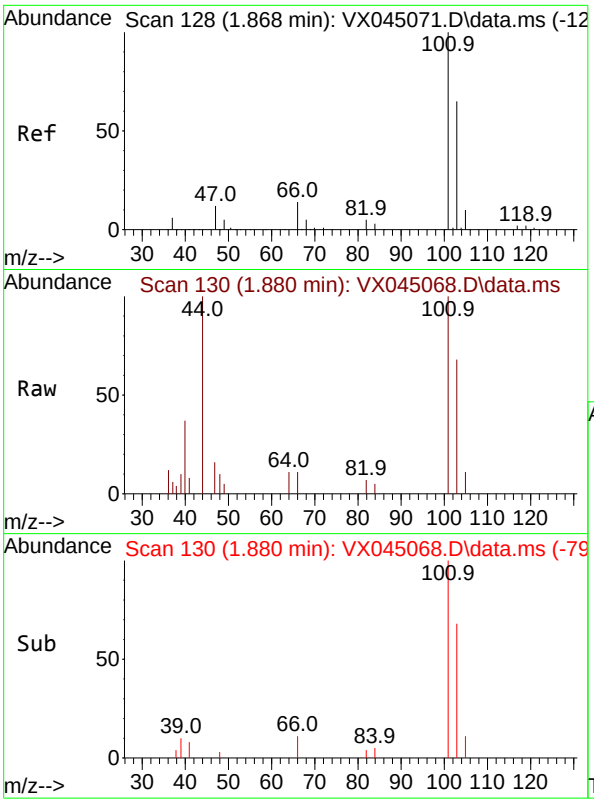


#6
Chloroethane
Concen: 1.591 ug/l
RT: 1.673 min Scan# 96
Delta R.T. 0.012 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 64 Resp: 1228

Ion	Ratio	Lower	Upper
64	100		
66	48.0	26.7	40.1#



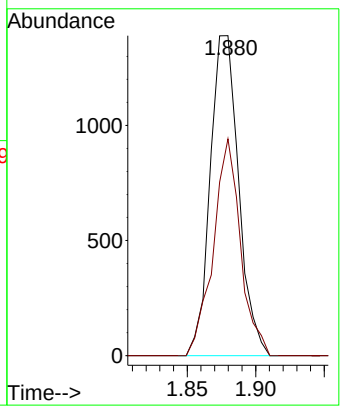


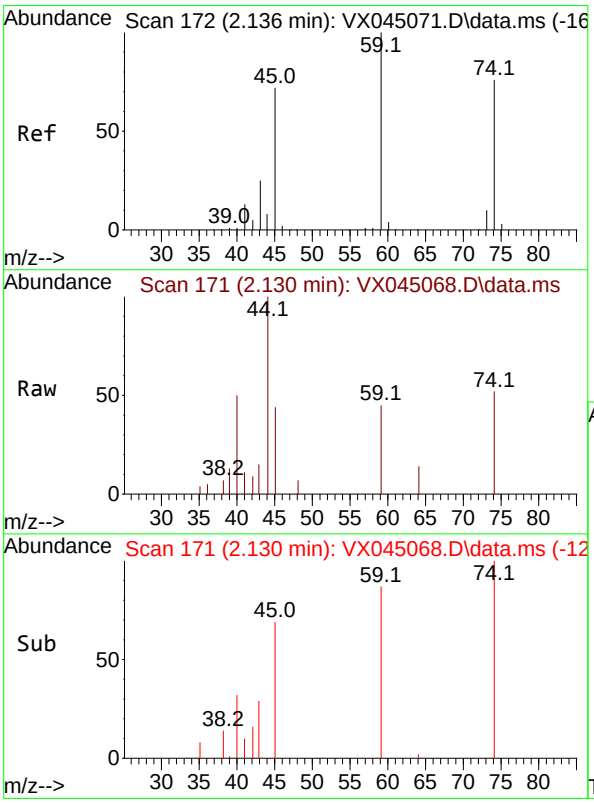
#7
Trichlorofluoromethane
Concen: 0.957 ug/l
RT: 1.880 min Scan# 1
Delta R.T. 0.012 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:101 Resp: 2011

Ion	Ratio	Lower	Upper
101	100		
103	67.8	52.1	78.1

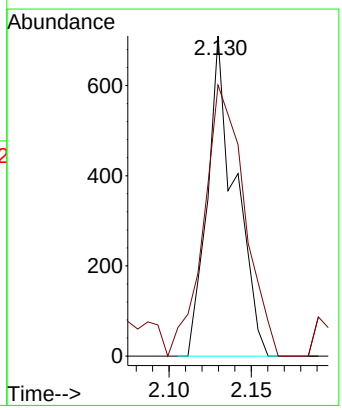


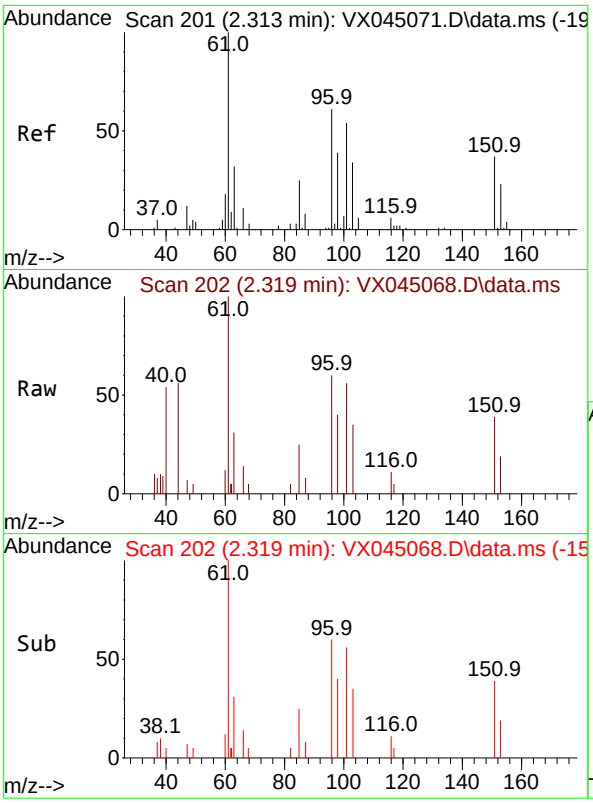


#8
Diethyl Ether
Concen: 1.045 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 74 Resp: 835

Ion	Ratio	Lower	Upper
74	100		
45	123.5	51.5	154.5



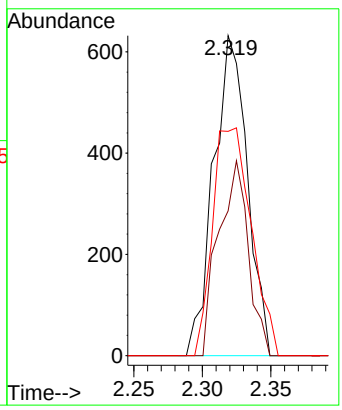


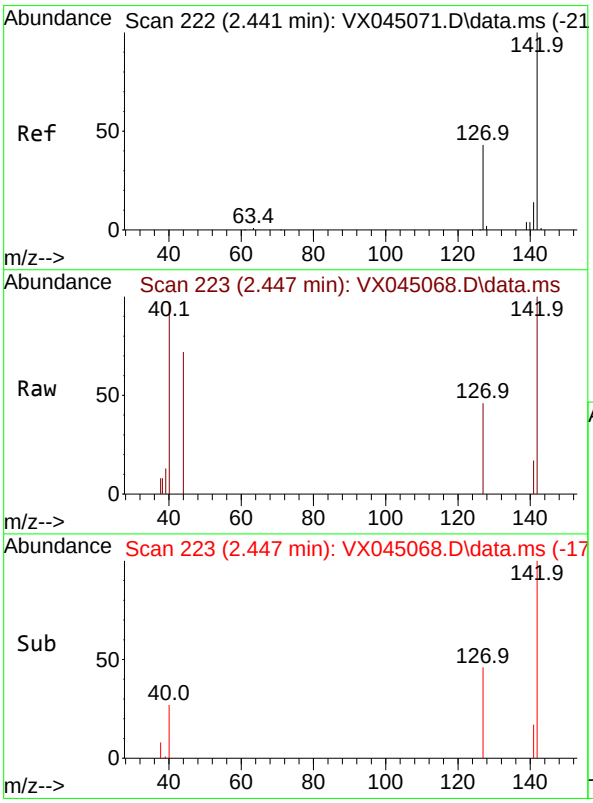
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.884 ug/l
RT: 2.319 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:101 Resp: 1081

Ion	Ratio	Lower	Upper
101	100		
85	53.7	36.2	54.4
151	81.9	56.4	84.6

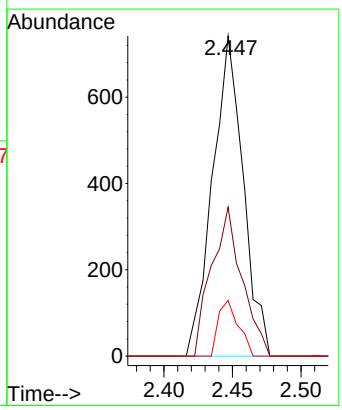


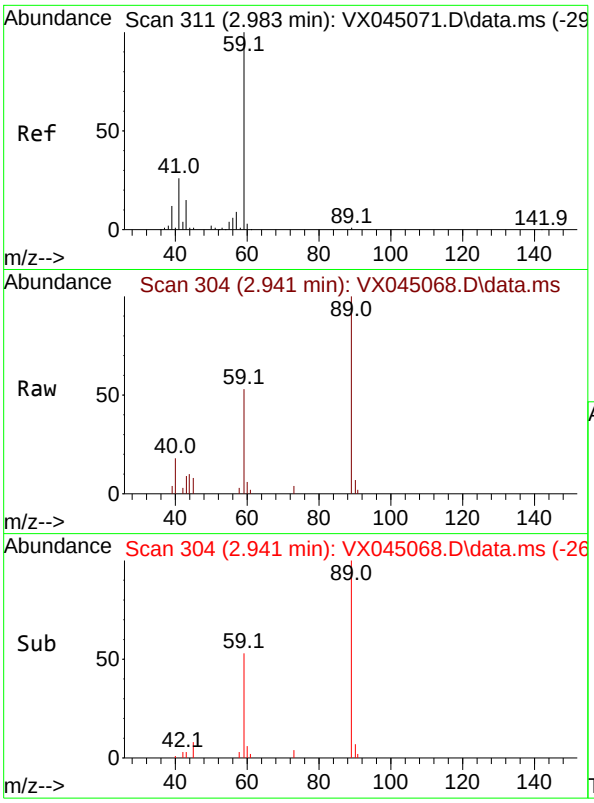


#10
Methyl Iodide
Concen: 0.775 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion:142 Resp: 1156

Ion	Ratio	Lower	Upper
142	100		
127	46.3	35.4	53.2
141	11.3	11.6	17.4#



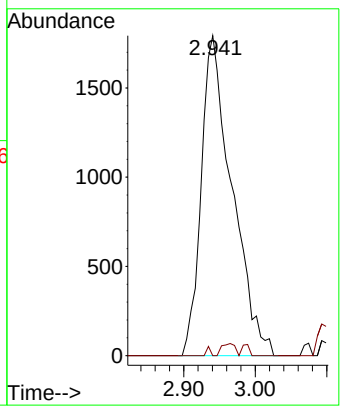


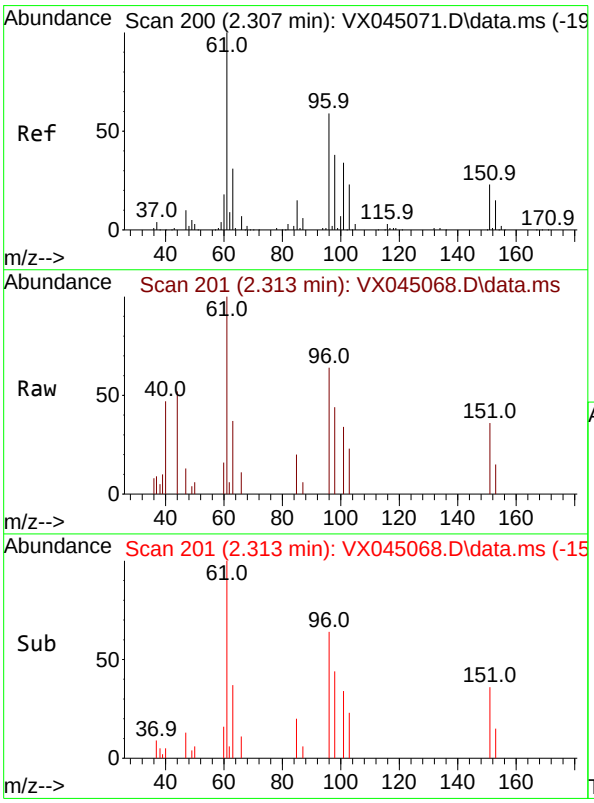
#11
Tert butyl alcohol
Concen: 17.299 ug/l
RT: 2.941 min Scan# 3
Delta R.T. -0.043 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 59 Resp: 5356

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#

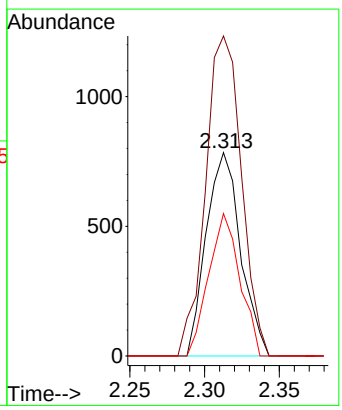


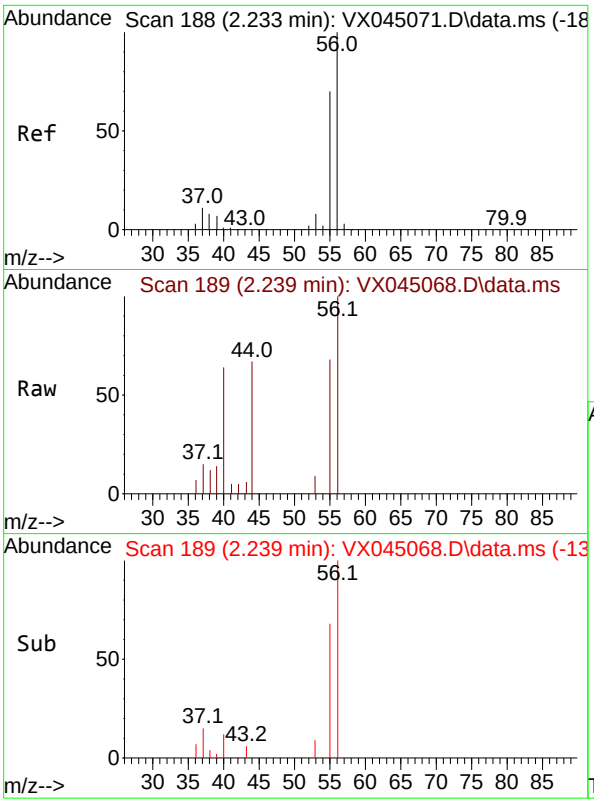


#12
1,1-Dichloroethene
Concen: 0.991 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 96 Resp: 1251

Ion	Ratio	Lower	Upper
96	100		
61	157.4	134.6	202.0
98	70.0	51.0	76.6



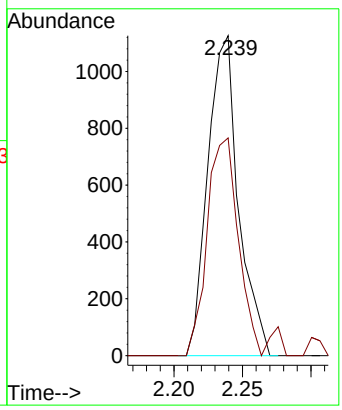


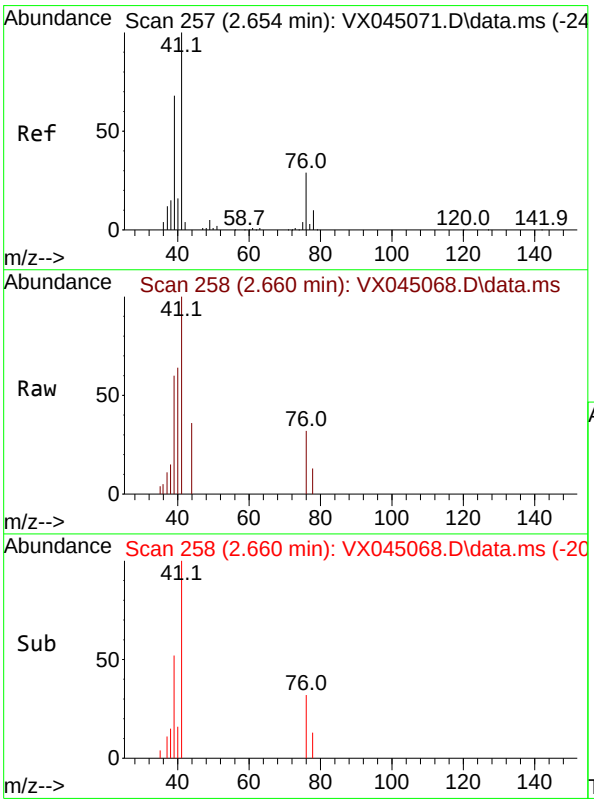
#13
Acrolein
Concen: 4.906 ug/l
RT: 2.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 56 Resp: 1756

Ion	Ratio	Lower	Upper
56	100		
55	68.8	56.2	84.4

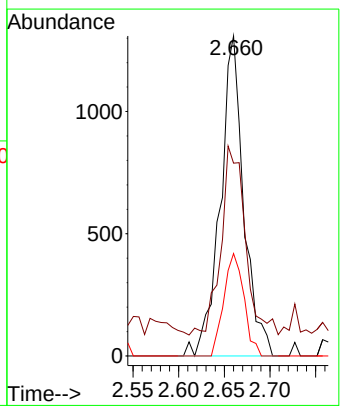


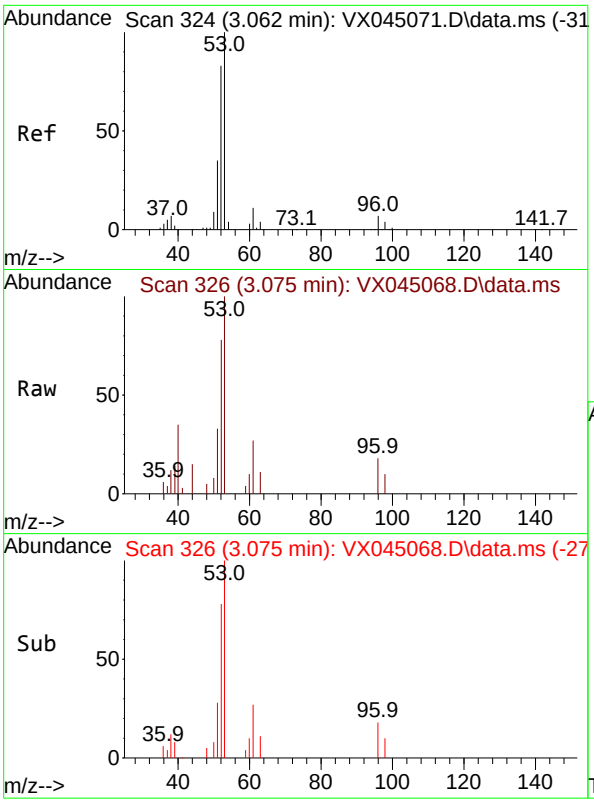


#14
Allyl chloride
Concen: 1.055 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 41 Resp: 2343

Ion	Ratio	Lower	Upper
41	100		
39	62.3	53.8	80.8
76	27.4	25.2	37.8



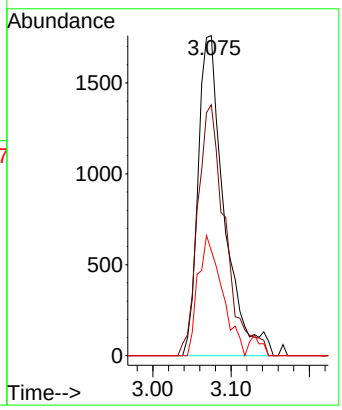


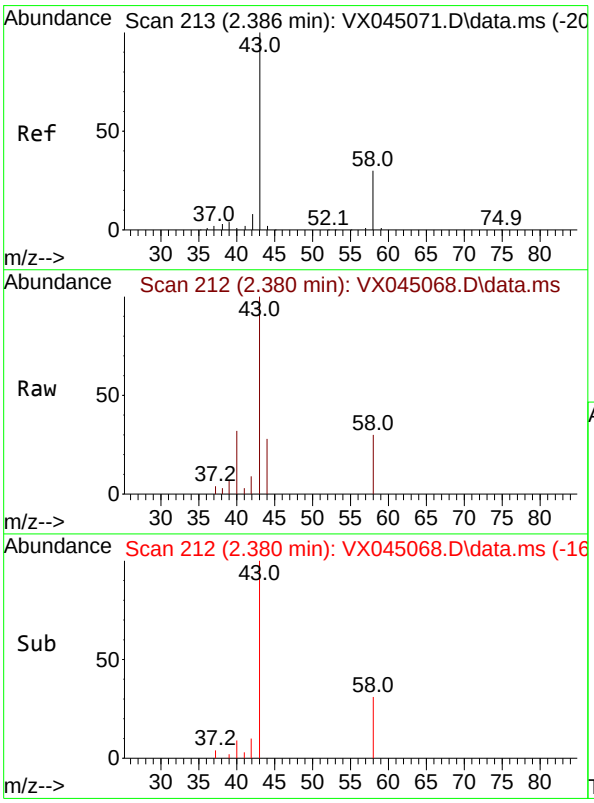
#15
Acrylonitrile
Concen: 4.931 ug/l
RT: 3.075 min Scan# 3
Delta R.T. 0.012 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 53 Resp: 4067

Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.2	99.2
51	34.6	29.0	43.4

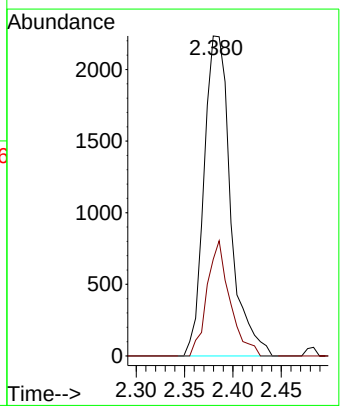


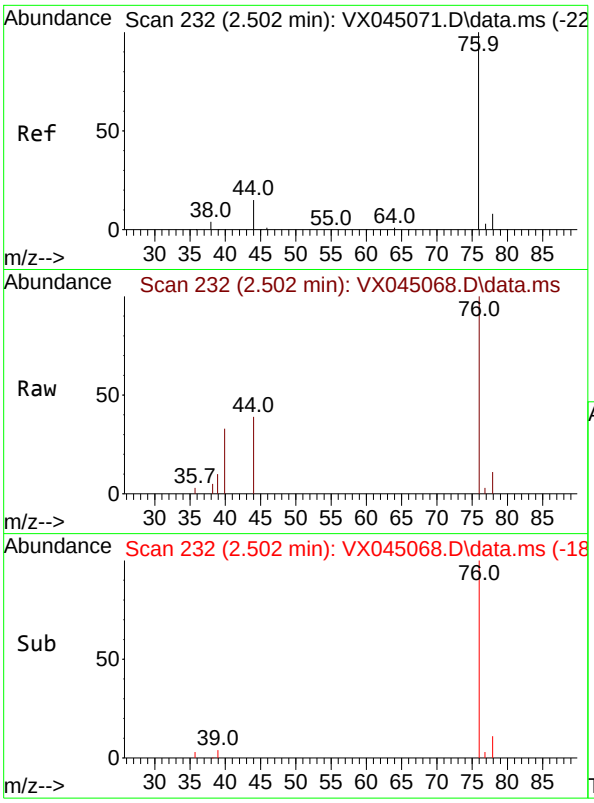


#16
Acetone
Concen: 5.635 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 43 Resp: 4259

Ion	Ratio	Lower	Upper
43	100		
58	30.2	24.2	36.4



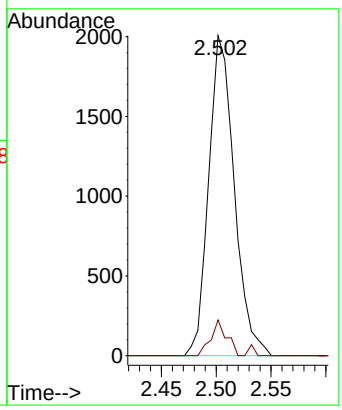


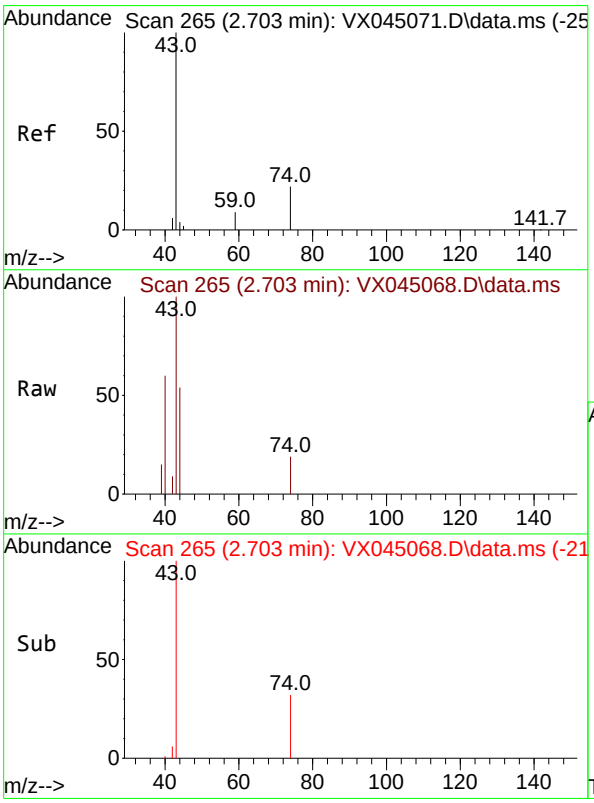
#17
Carbon Disulfide
Concen: 0.956 ug/l
RT: 2.502 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 76 Resp: 3256

Ion	Ratio	Lower	Upper
76	100		
78	11.2	6.6	9.8#

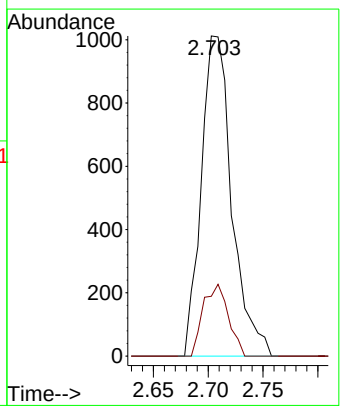


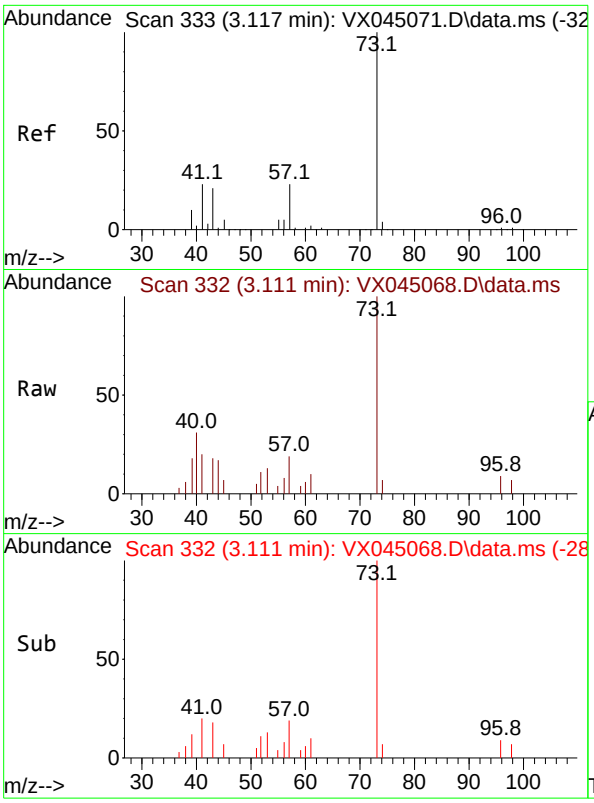


#18
Methyl Acetate
Concen: 1.066 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 43 Resp: 1960

Ion	Ratio	Lower	Upper
43	100		
74	18.5	17.4	26.2



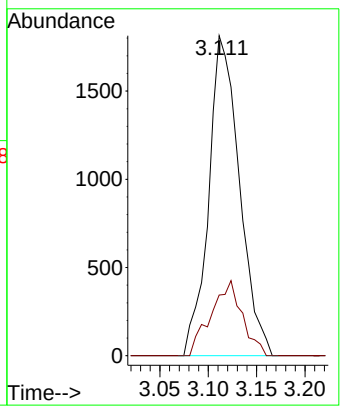


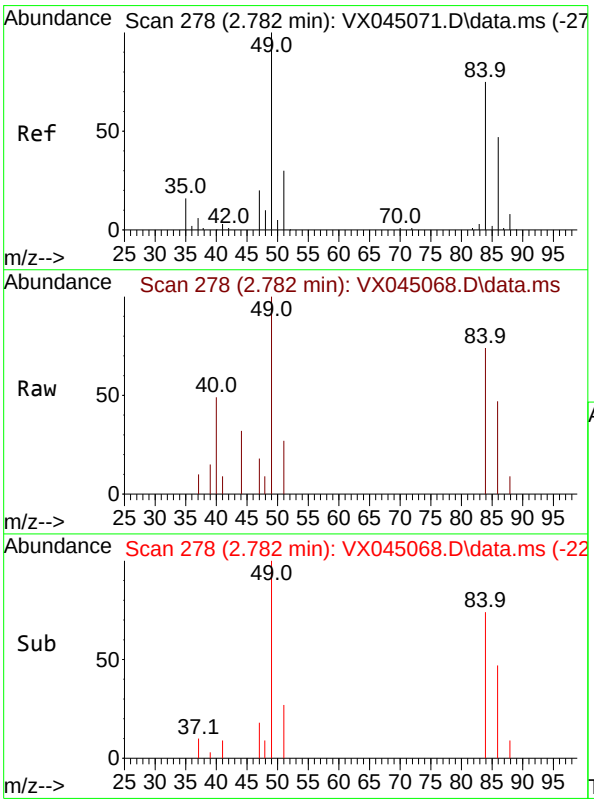
#19
Methyl tert-butyl Ether
Concen: 0.943 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 73 Resp: 4017

Ion	Ratio	Lower	Upper
73	100		
57	19.0	18.5	27.7

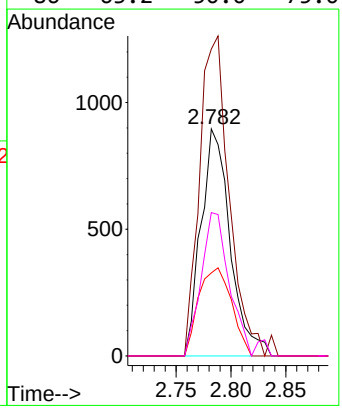


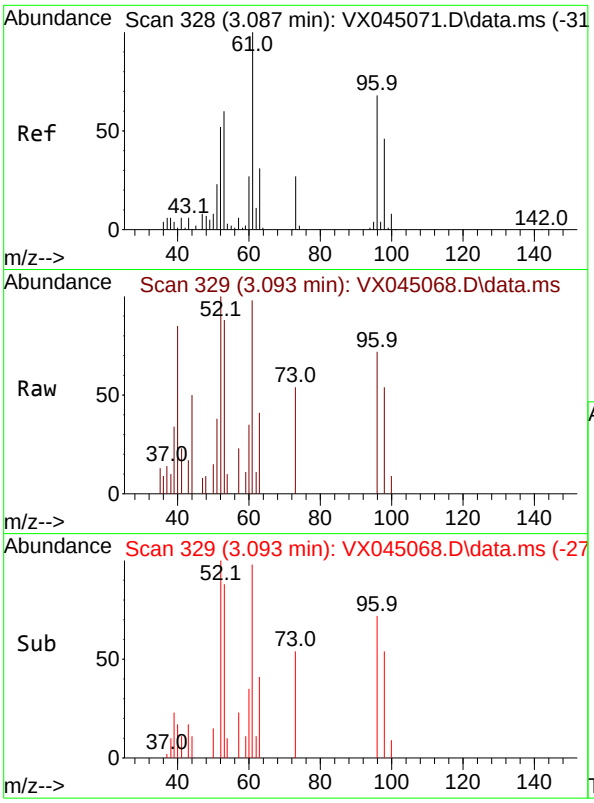


#20
Methylene Chloride
Concen: 1.095 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 84 Resp: 1656

Ion	Ratio	Lower	Upper
84	100		
49	135.2	106.5	159.7
51	36.6	32.1	48.1
86	63.2	50.0	75.0



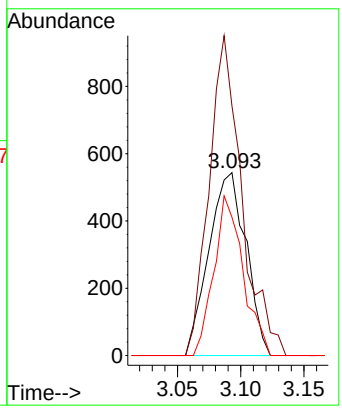


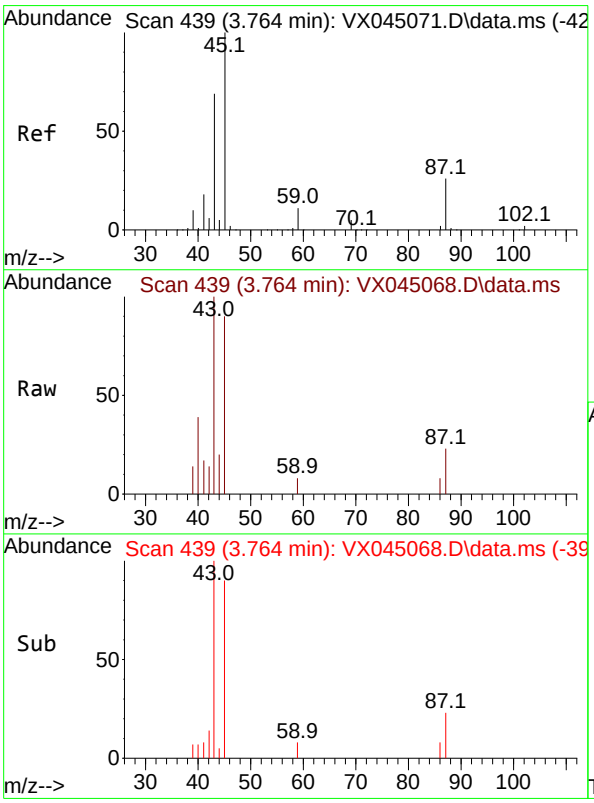
#21
trans-1,2-Dichloroethene
Concen: 0.869 ug/l
RT: 3.093 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 96 Resp: 1109

Ion	Ratio	Lower	Upper
96	100		
61	136.4	117.0	175.4
98	75.6	53.4	80.2

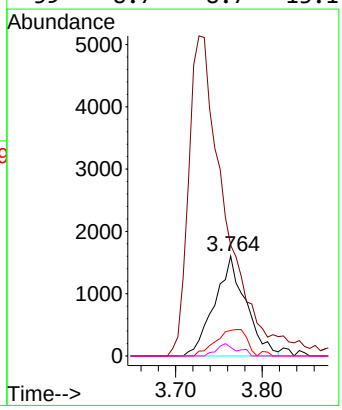


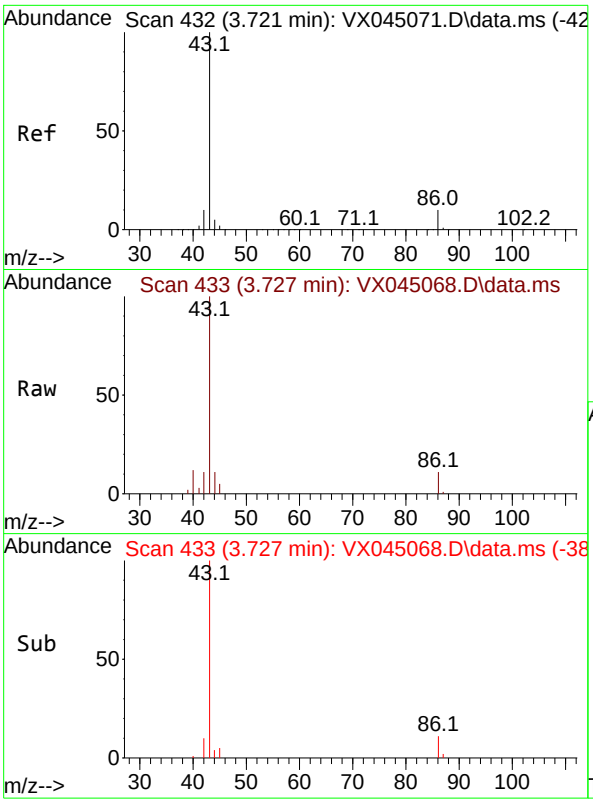


#22
Diisopropyl ether
Concen: 0.871 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 45 Resp: 4026

Ion	Ratio	Lower	Upper
45	100		
43	91.9	54.9	82.3#
87	25.6	21.0	31.4
59	8.7	8.7	13.1



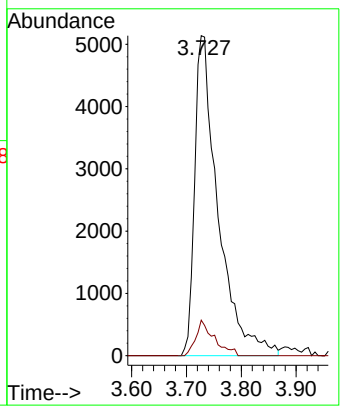


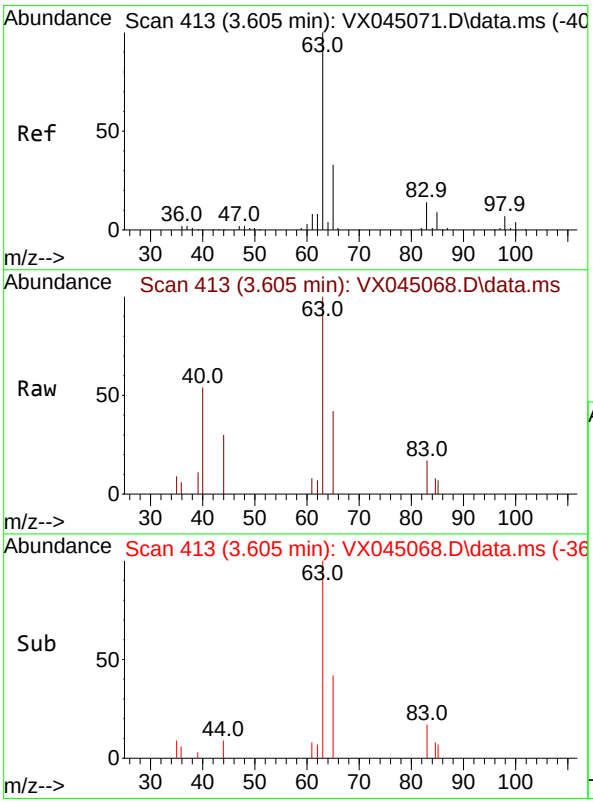
#23
Vinyl Acetate
Concen: 3.971 ug/l
RT: 3.727 min Scan# 4
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 15271

Ion	Ratio	Lower	Upper
43	100		
86	11.1	8.1	12.1

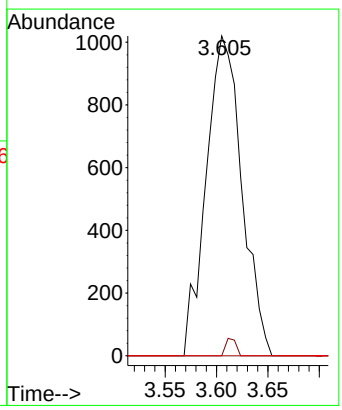


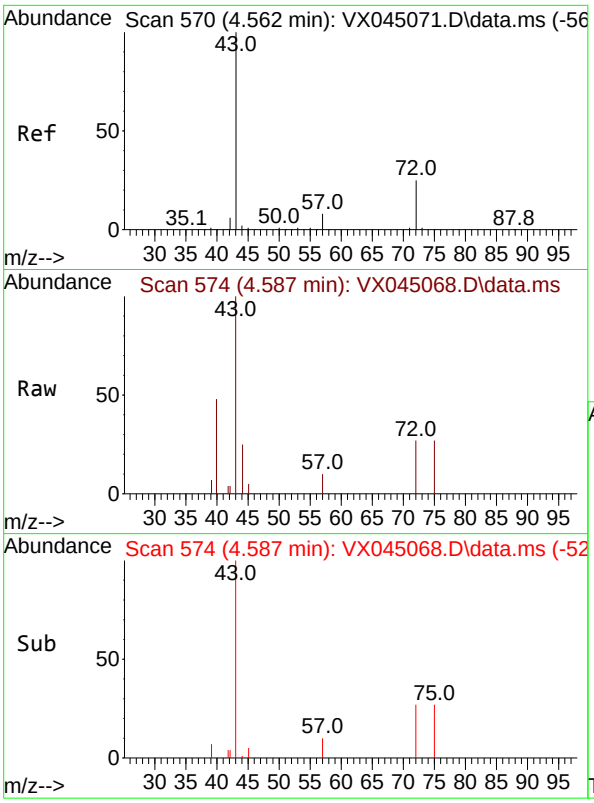


#24
1,1-Dichloroethane
Concen: 0.958 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 63 Resp: 2467

Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.4	10.2#
100	0.0	2.1	6.5#



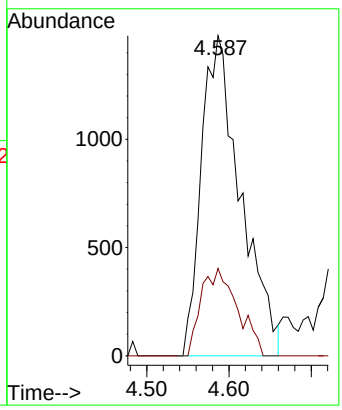


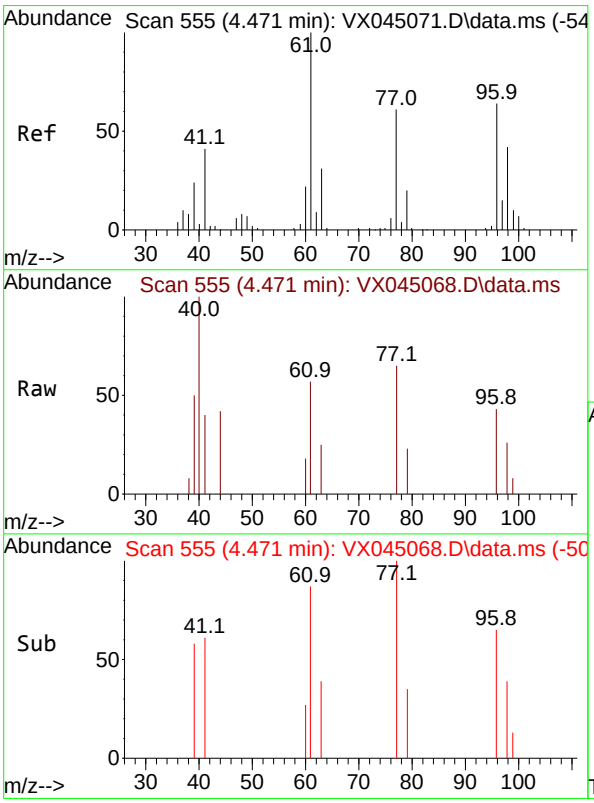
#25
2-Butanone
Concen: 4.252 ug/l
RT: 4.587 min Scan# 5
Delta R.T. 0.024 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 4894

Ion	Ratio	Lower	Upper
43	100		
72	27.2	20.0	30.0

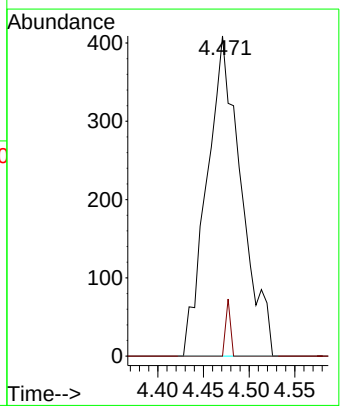


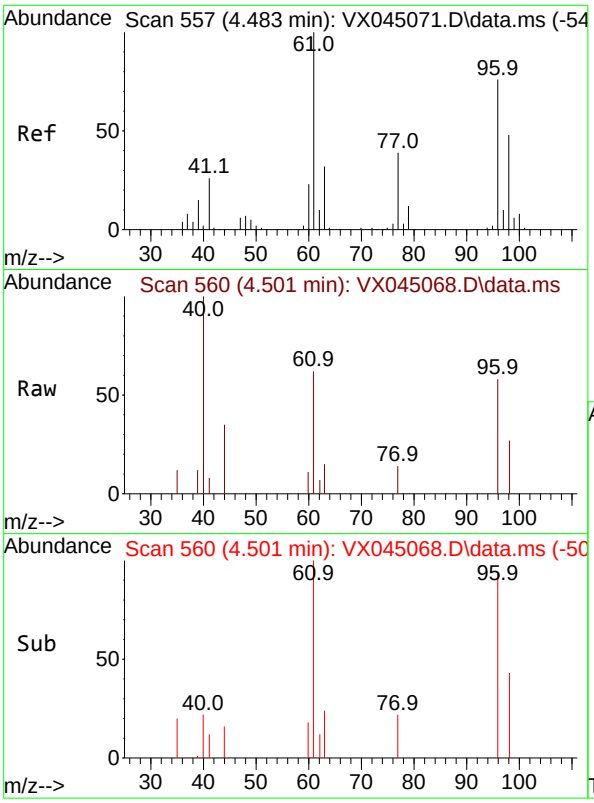


#26
2,2-Dichloropropane
Concen: 0.872 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 77 Resp: 1066

Ion	Ratio	Lower	Upper
77	100		
97	2.5	12.4	37.0#



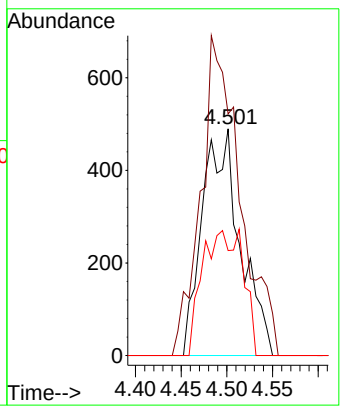


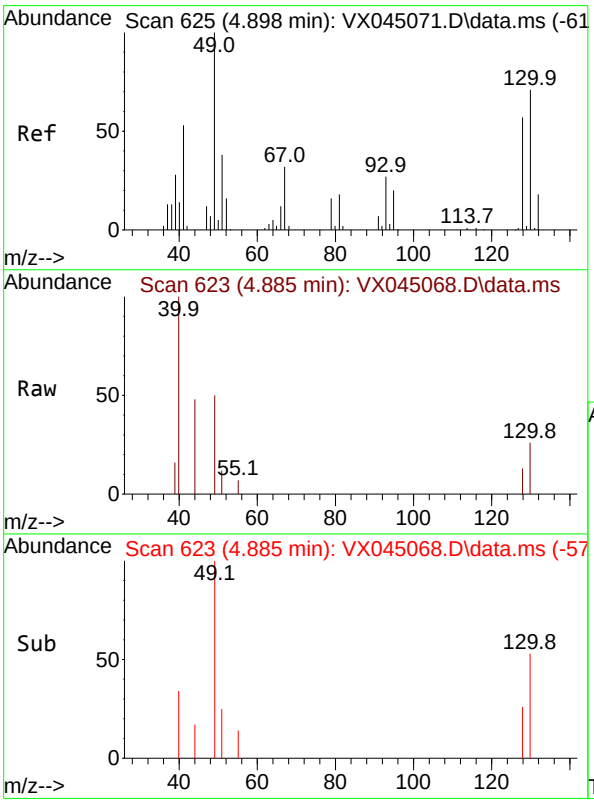
#27
cis-1,2-Dichloroethene
Concen: 0.902 ug/l
RT: 4.501 min Scan# 5
Delta R.T. 0.018 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 96 Resp: 1412

Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	283.2
98	59.1	0.0	128.0

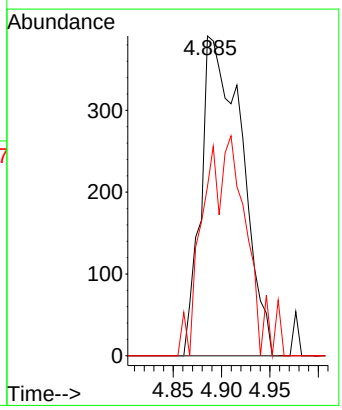


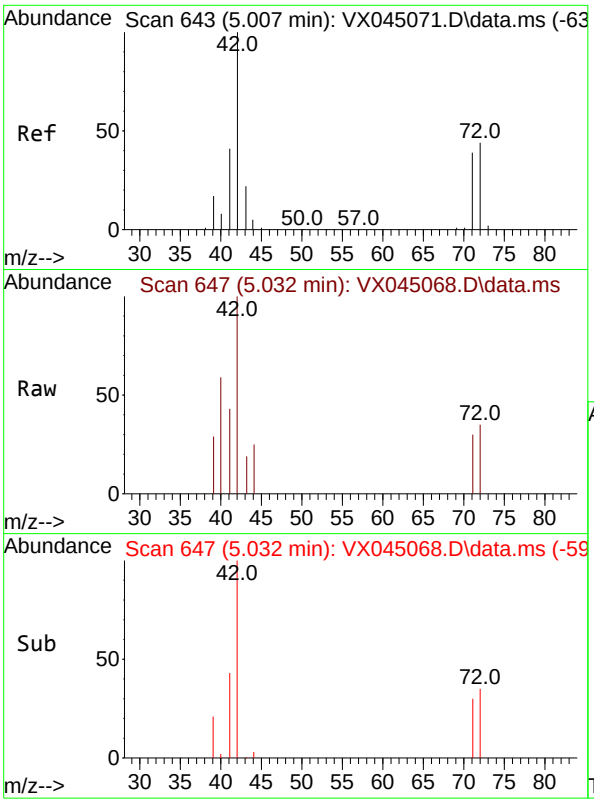


#28
Bromochloromethane
Concen: 0.958 ug/l
RT: 4.885 min Scan# 623
Delta R.T. -0.012 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 49 Resp: 1144

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.4
130	31.5	56.1	84.1#



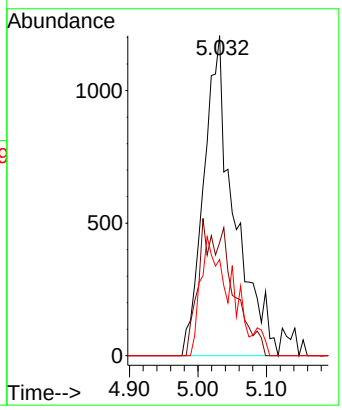


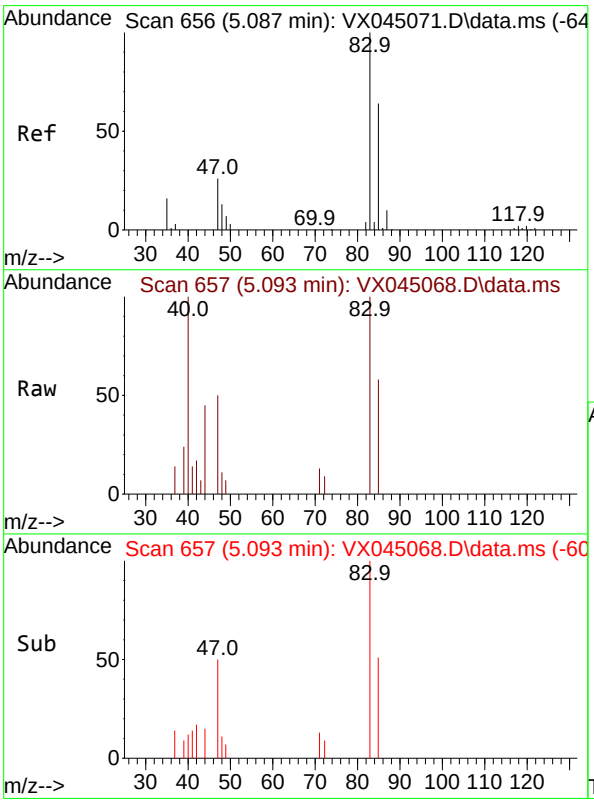
#29
Tetrahydrofuran
Concen: 4.809 ug/l
RT: 5.032 min Scan# 64
Delta R.T. 0.024 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 42 Resp: 3719

Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.1	51.1#
71	0.0	31.4	47.0#

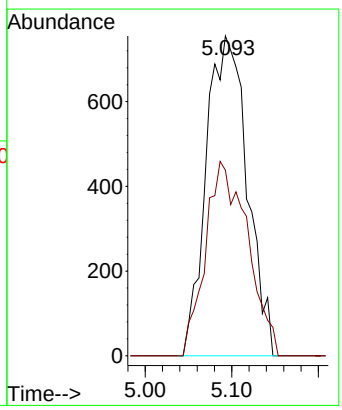


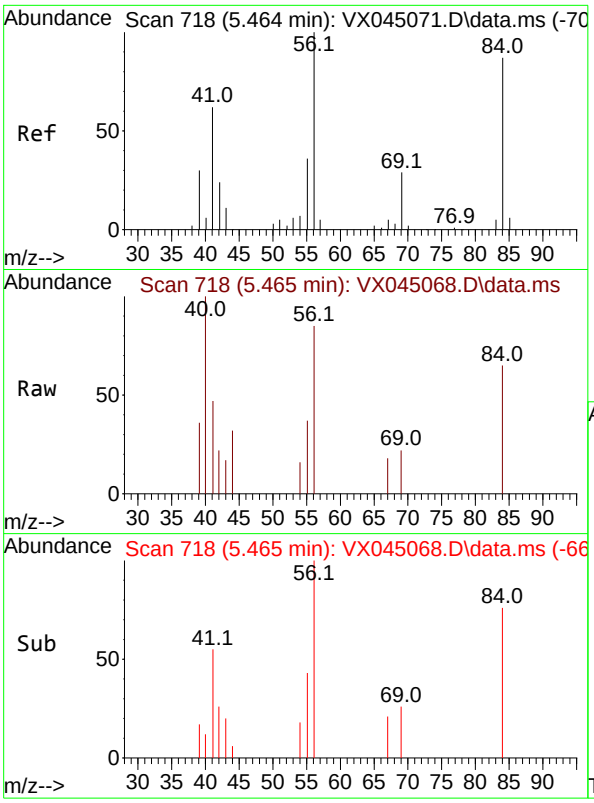


#30
Chloroform
Concen: 0.978 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 83 Resp: 2478

Ion	Ratio	Lower	Upper
83	100		
85	58.0	51.4	77.2



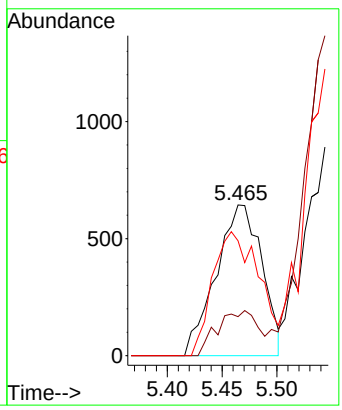


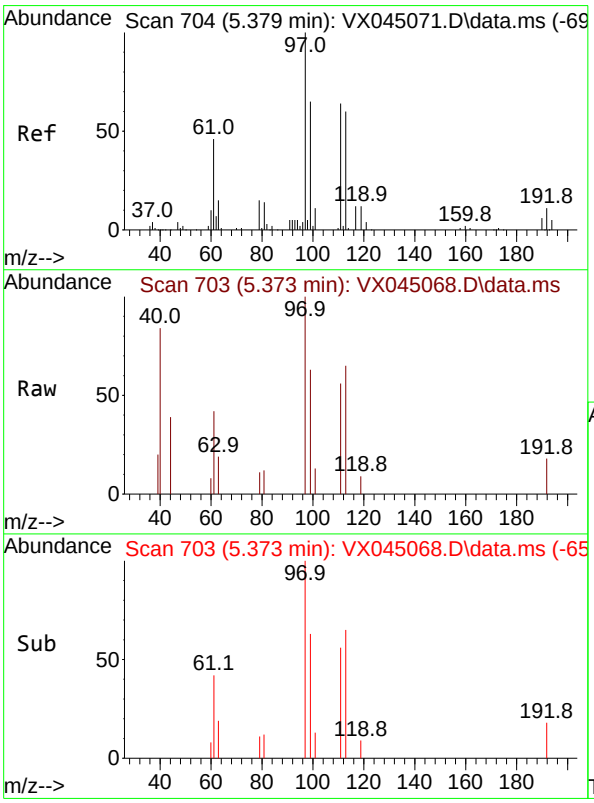
#31
Cyclohexane
Concen: 0.843 ug/l
RT: 5.465 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 56 Resp: 1875

Ion	Ratio	Lower	Upper
56	100		
69	25.9	23.4	35.2
84	76.2	69.4	104.2

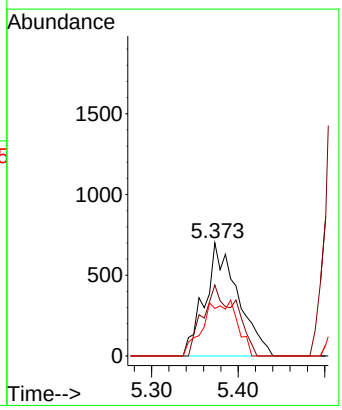


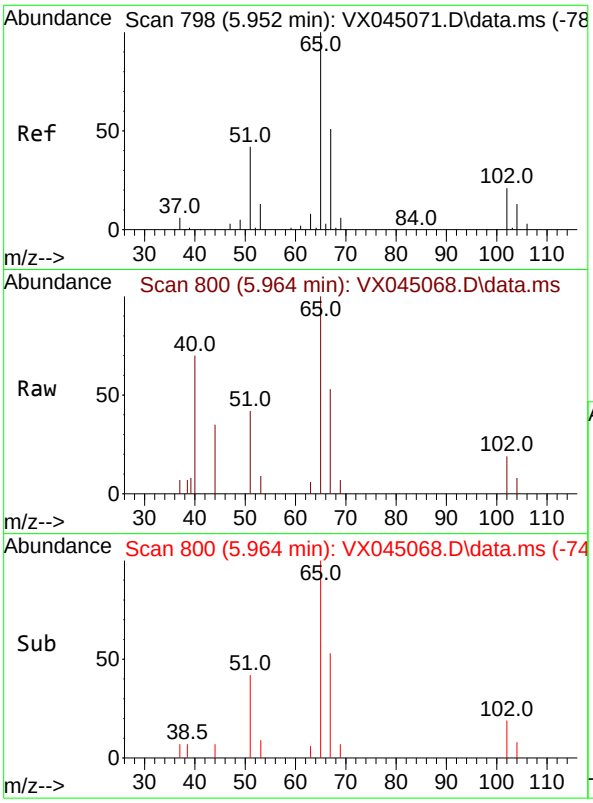


#32
1,1,1-Trichloroethane
Concen: 0.893 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 97 Resp: 1867

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.6	77.4#
61	50.0	38.4	57.6



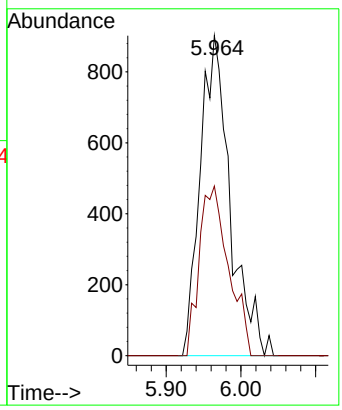


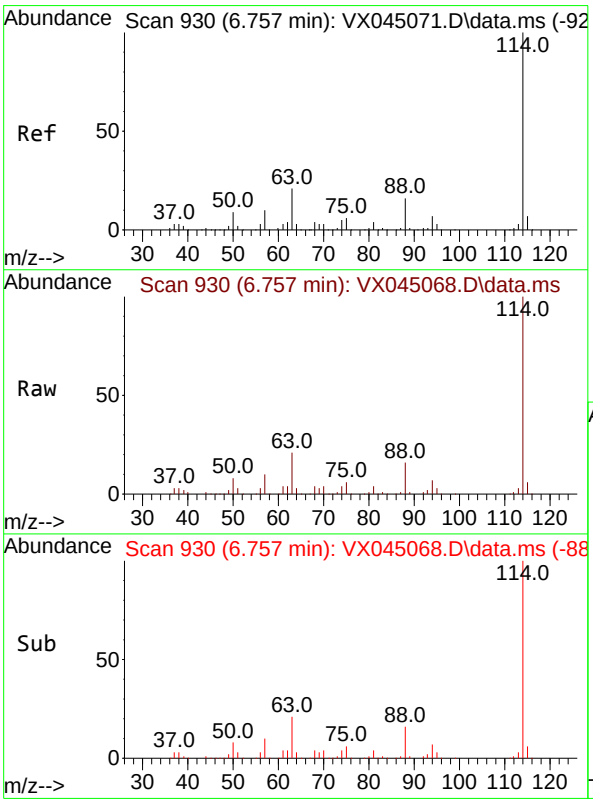
#33
1,2-Dichloroethane-d4
Concen: 1.537 ug/l
RT: 5.964 min Scan# 8
Delta R.T. 0.012 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 65 Resp: 2512

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	106.2

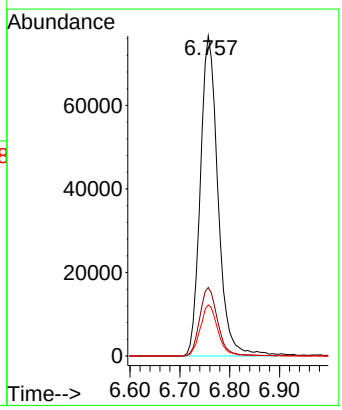


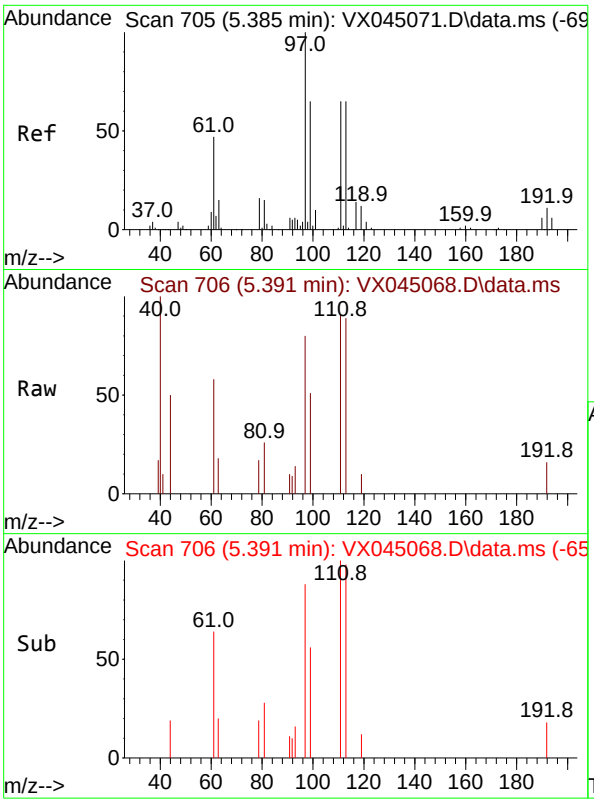


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion:114 Resp: 188642

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	41.8
88	16.0	0.0	32.8



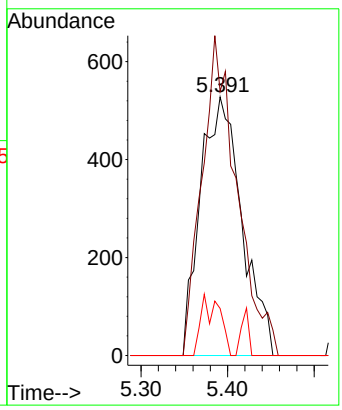


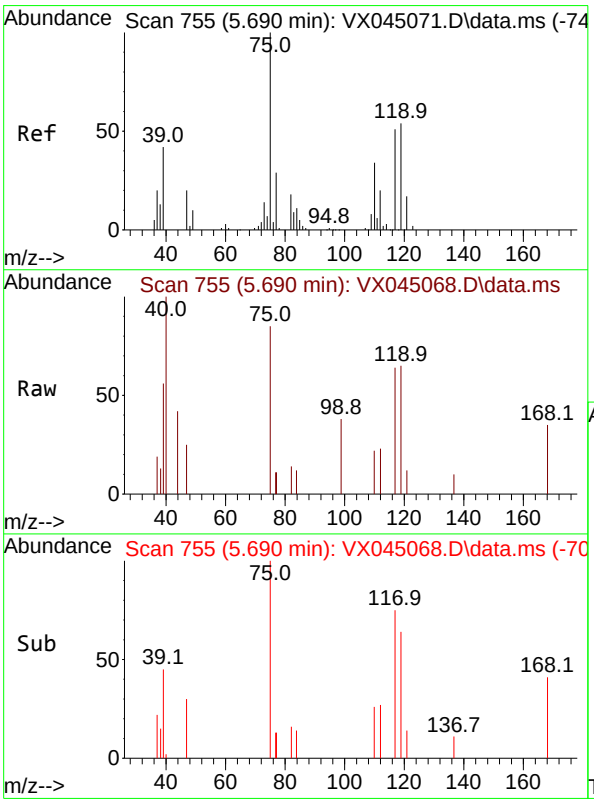
#35
Dibromofluoromethane
Concen: 1.389 ug/l
RT: 5.391 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:113 Resp: 1752

Ion	Ratio	Lower	Upper
113	100		
111	104.9	81.8	122.6
192	5.1	14.3	21.5#

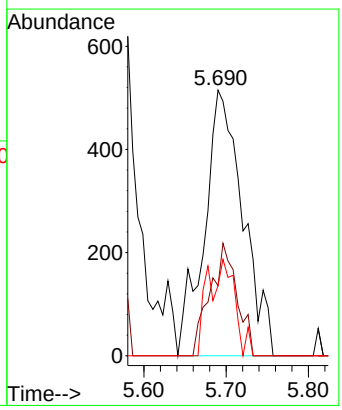


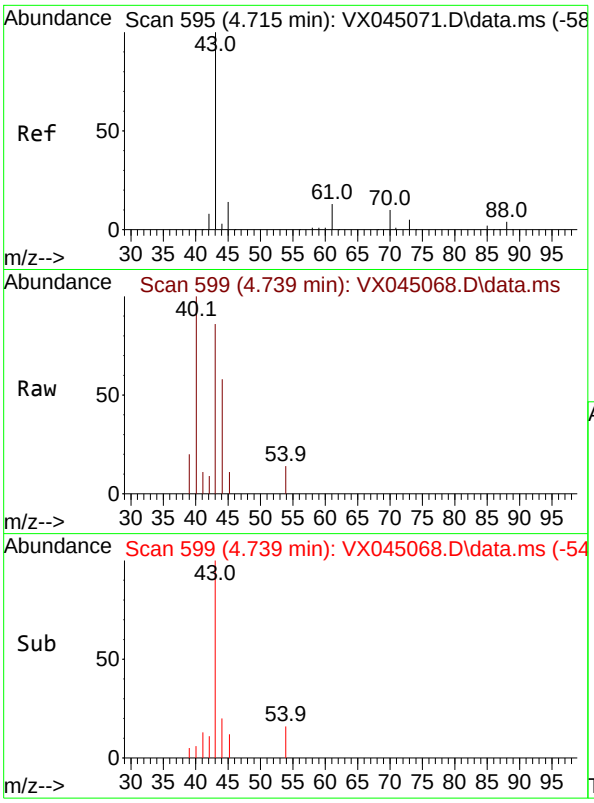


#36
1,1-Dichloropropene
Concen: 0.967 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 75 Resp: 1681

Ion	Ratio	Lower	Upper
75	100		
110	29.6	16.9	50.6
77	16.4	24.5	36.7#



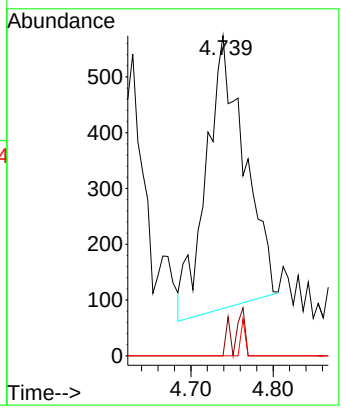


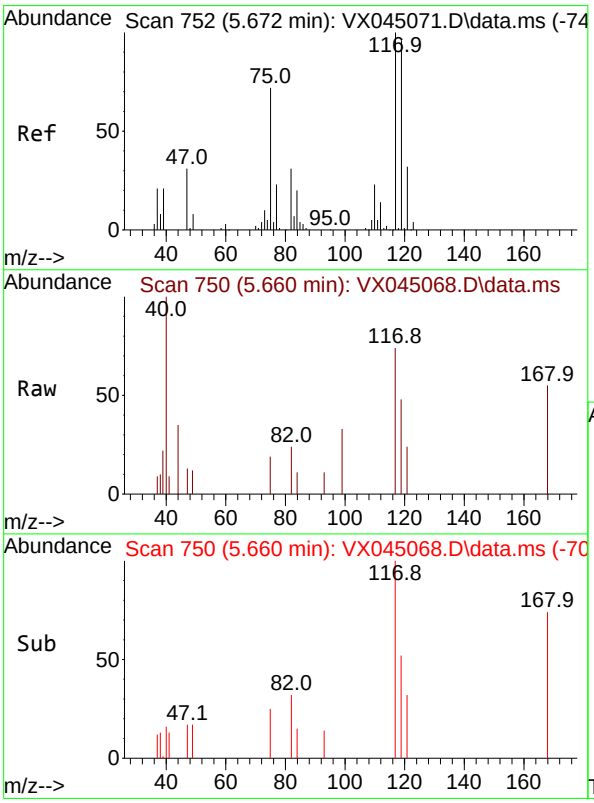
#37
Ethyl Acetate
Concen: 0.703 ug/l
RT: 4.739 min Scan# 5
Delta R.T. 0.024 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 1582

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.8	16.2#
70	0.0	7.7	11.5#

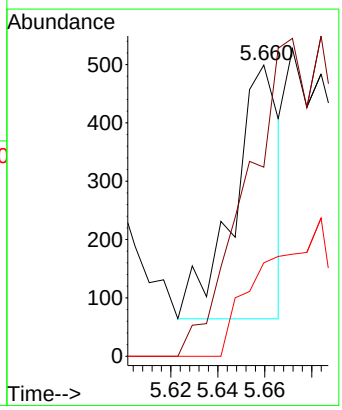


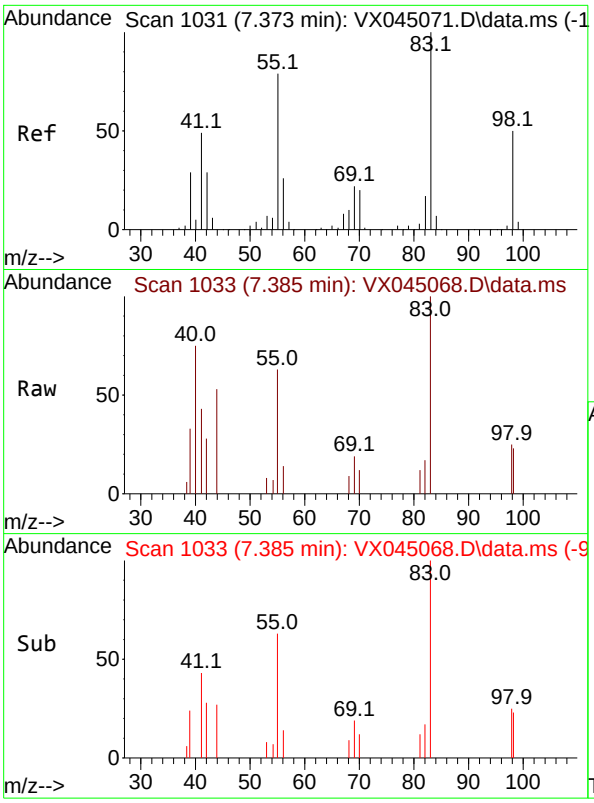


#38
Carbon Tetrachloride
Concen: 0.332 ug/l
RT: 5.660 min Scan# 750
Delta R.T. -0.012 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion:117 Resp: 588

Ion	Ratio	Lower	Upper
117	100		
119	74.5	76.7	115.1#
121	36.8	25.5	38.3



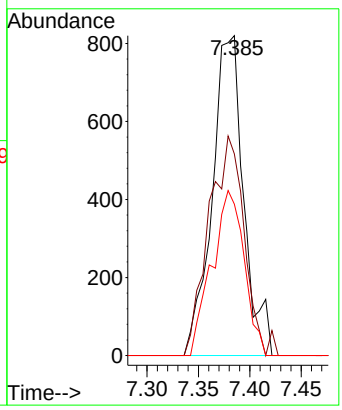


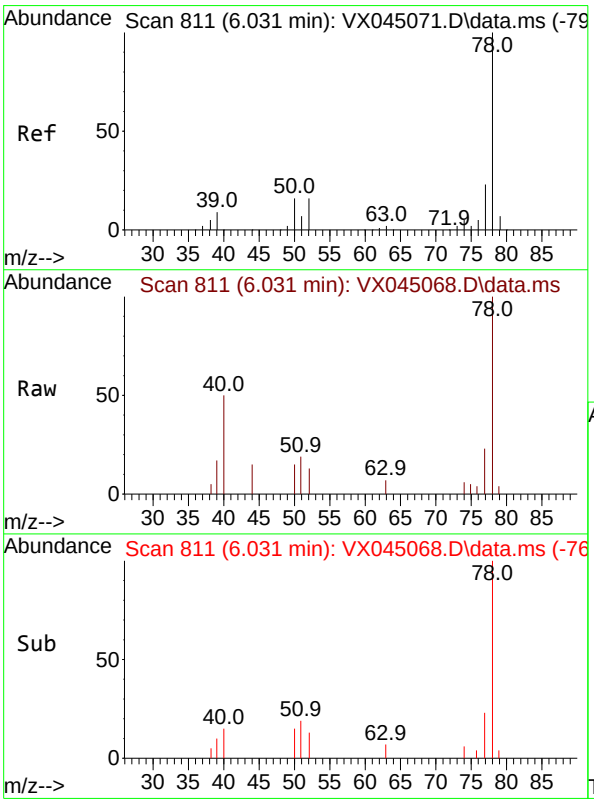
#39
Methylcyclohexane
Concen: 0.831 ug/l
RT: 7.385 min Scan# 1
Delta R.T. 0.012 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 83 Resp: 1750

Ion	Ratio	Lower	Upper
83	100		
55	63.0	63.0	94.4
98	47.3	39.7	59.5

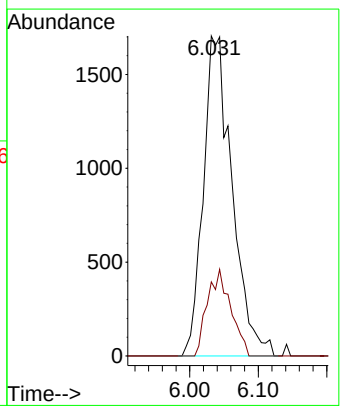


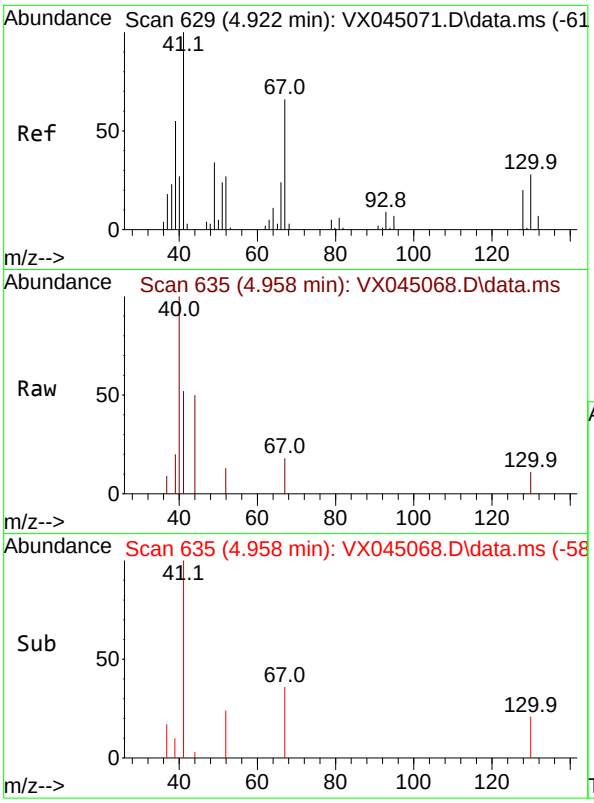


#40
Benzene
Concen: 0.907 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 78 Resp: 4984

Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.8	28.2



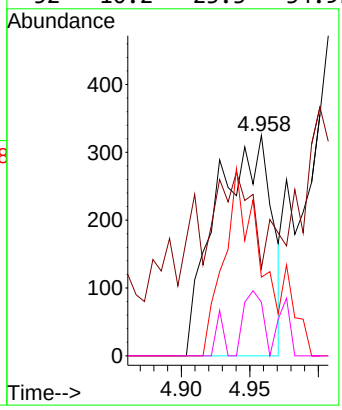


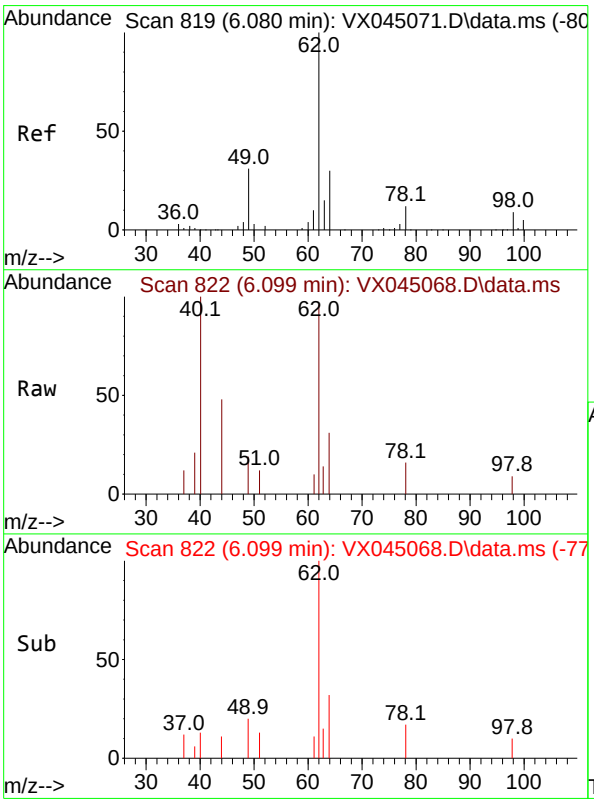
#41
Methacrylonitrile
Concen: 0.748 ug/l
RT: 4.958 min Scan# 6
Delta R.T. 0.037 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 41 Resp: 912

Ion	Ratio	Lower	Upper
41	100		
39	34.3	44.6	67.0#
67	63.4	53.9	80.9
52	10.2	23.3	34.9#

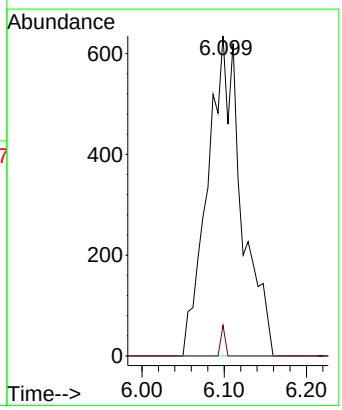


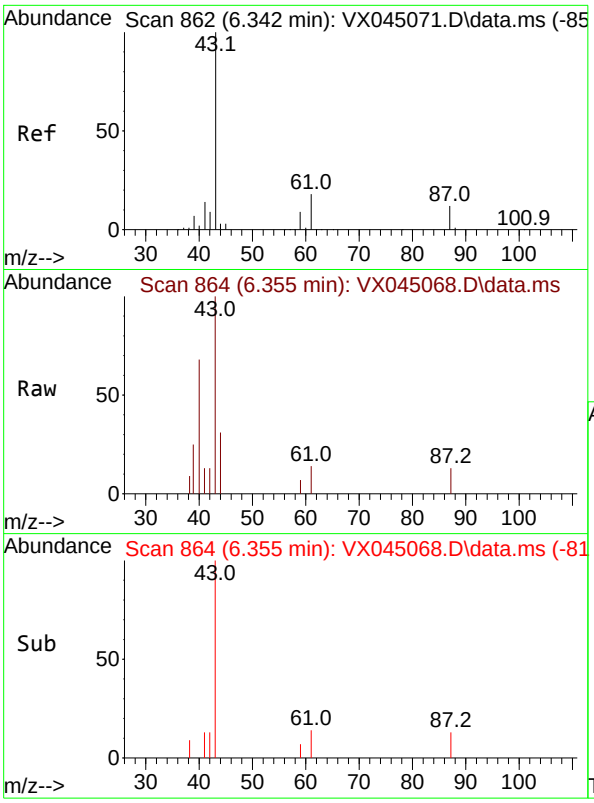


#42
1,2-Dichloroethane
Concen: 0.924 ug/l
RT: 6.099 min Scan# 822
Delta R.T. 0.018 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 62 Resp: 1837

Ion	Ratio	Lower	Upper
62	100		
98	1.2	0.0	18.2



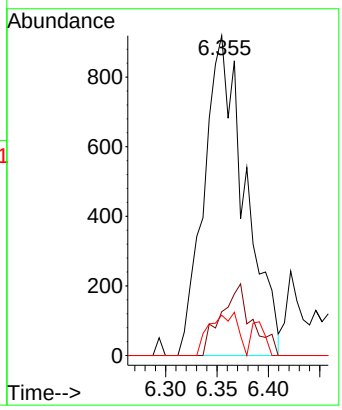


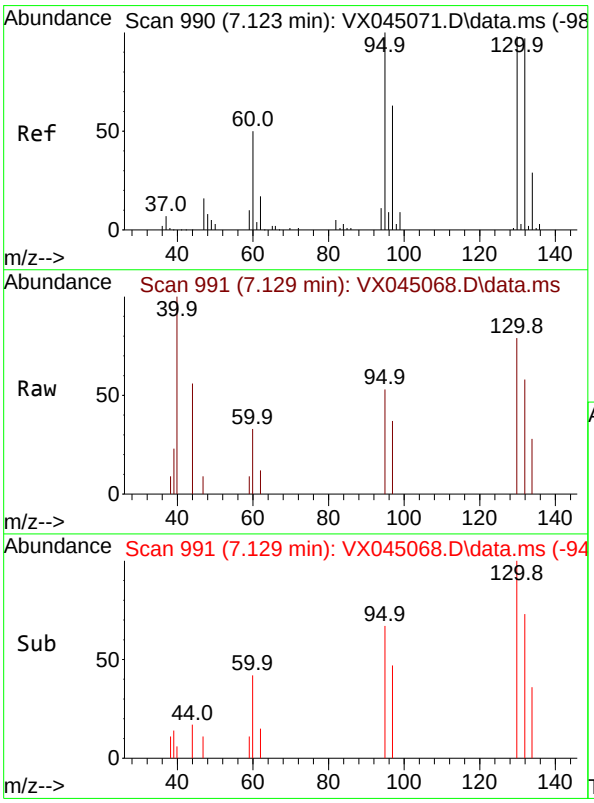
#43
Isopropyl Acetate
Concen: 0.767 ug/l
RT: 6.355 min Scan# 8
Delta R.T. 0.012 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 2545

Ion	Ratio	Lower	Upper
43	100		
61	17.0	14.9	22.3
87	9.2	9.4	14.2#

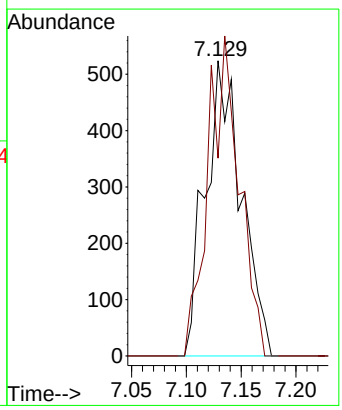


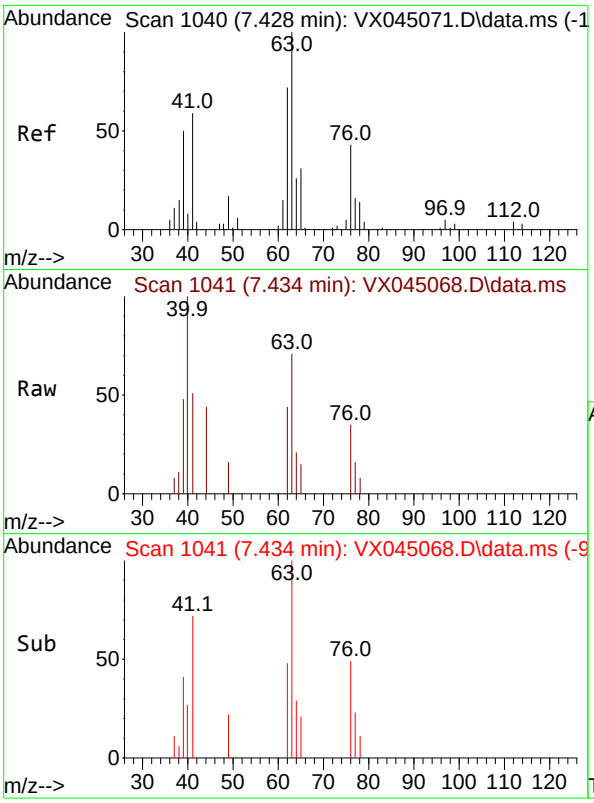


#44
Trichloroethene
Concen: 0.933 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion:130 Resp: 1202

Ion	Ratio	Lower	Upper
130	100		
95	67.0	0.0	205.0



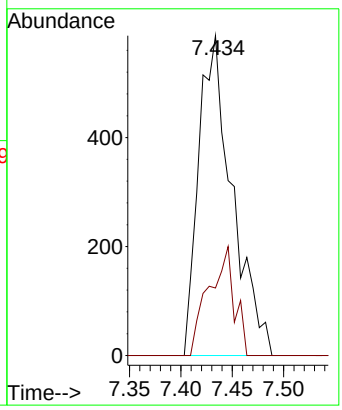


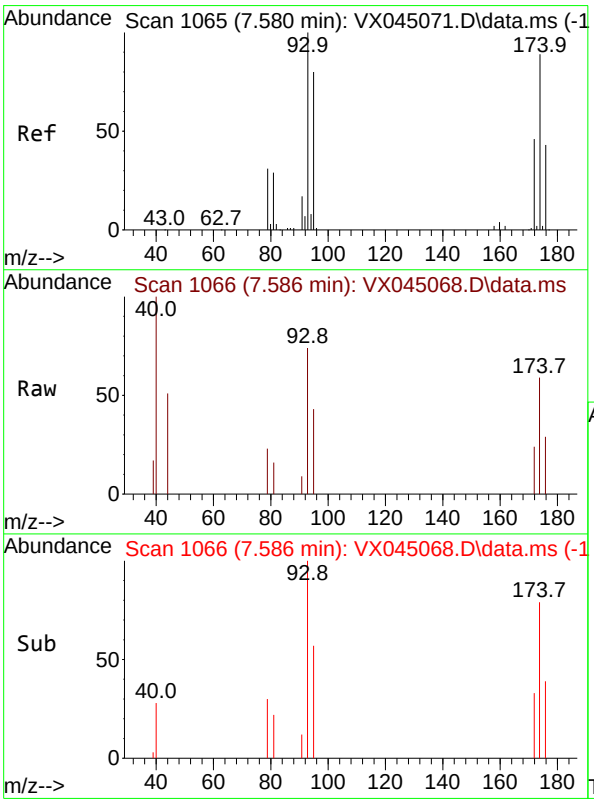
#45
1,2-Dichloropropane
Concen: 0.971 ug/l
RT: 7.434 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 63 Resp: 1334

Ion	Ratio	Lower	Upper
63	100		
65	21.1	24.7	37.1#

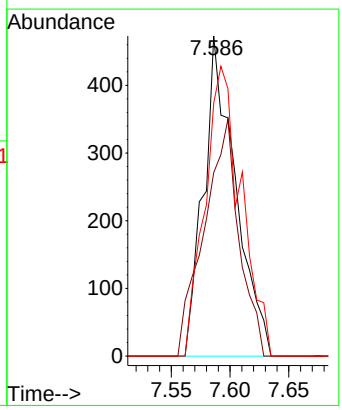


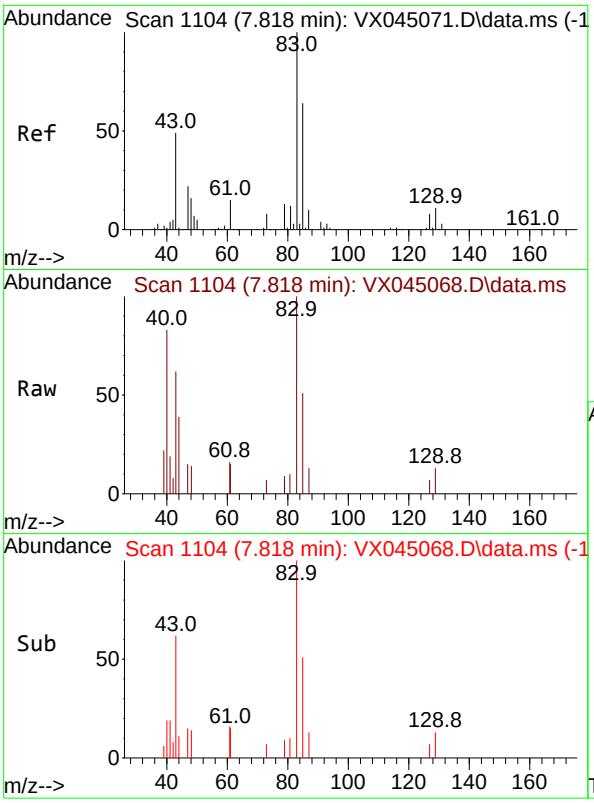


#46
Dibromomethane
Concen: 0.897 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 93 Resp: 891

Ion	Ratio	Lower	Upper
93	100		
95	80.9	65.8	98.8
174	102.8	72.2	108.2



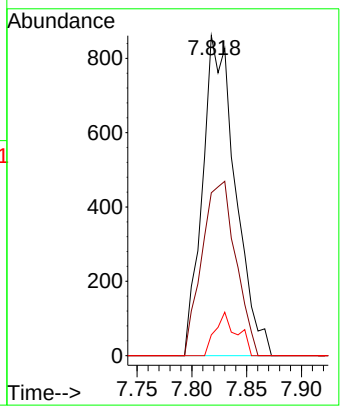


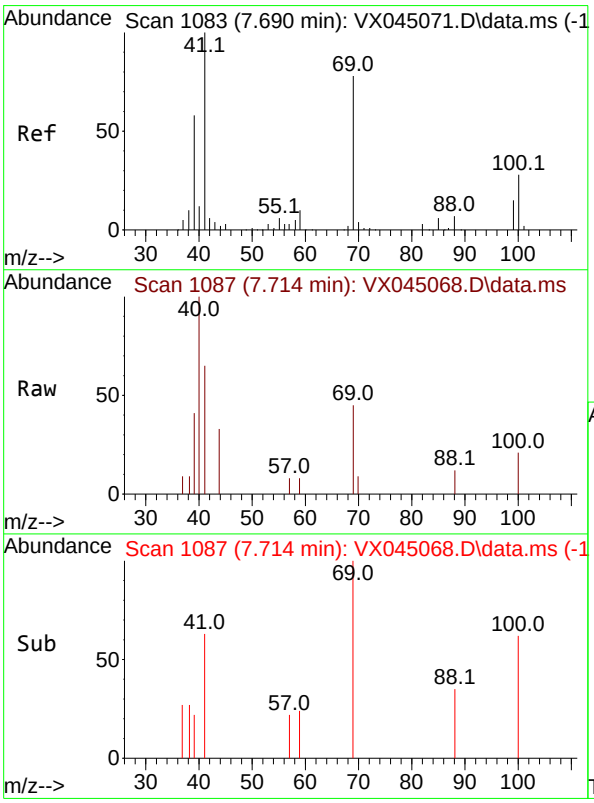
#47
Bromodichloromethane
Concen: 0.927 ug/l
RT: 7.818 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 83 Resp: 1802

Ion	Ratio	Lower	Upper
83	100		
85	50.9	51.1	76.7#
127	6.5	6.4	9.6

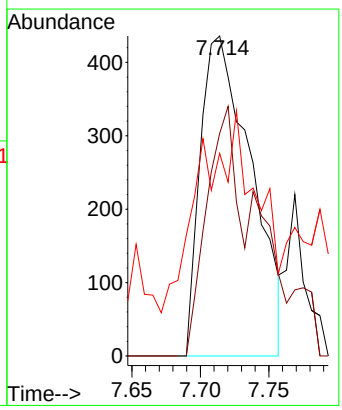


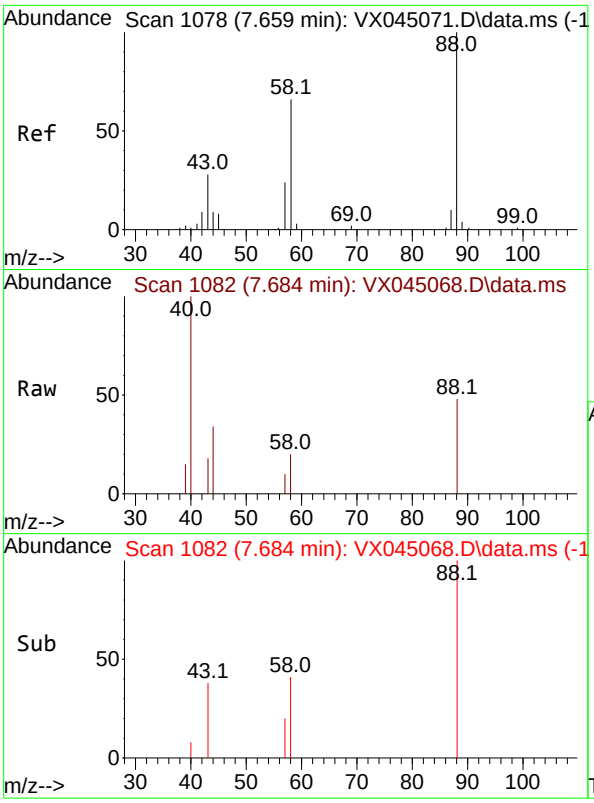


#48
Methyl methacrylate
Concen: 0.699 ug/l
RT: 7.714 min Scan# 1087
Delta R.T. 0.024 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 41 Resp: 1125

Ion	Ratio	Lower	Upper
41	100		
69	48.9	63.0	94.6#
39	24.4	47.5	71.3#



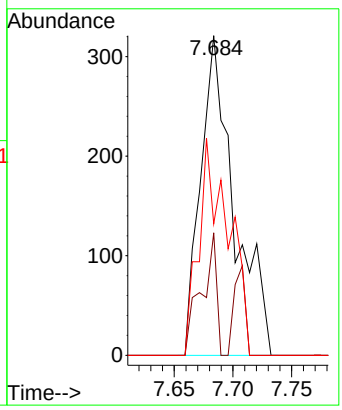


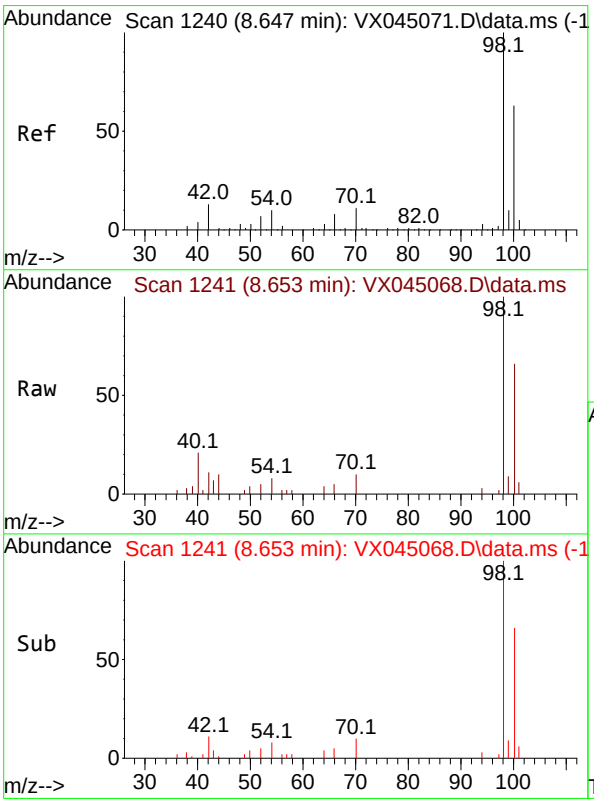
#49
1,4-Dioxane
Concen: 18.144 ug/l
RT: 7.684 min Scan# 1
Delta R.T. 0.024 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 88 Resp: 639

Ion	Ratio	Lower	Upper
88	100		
43	17.2	28.7	43.1#
58	59.9	55.8	83.8

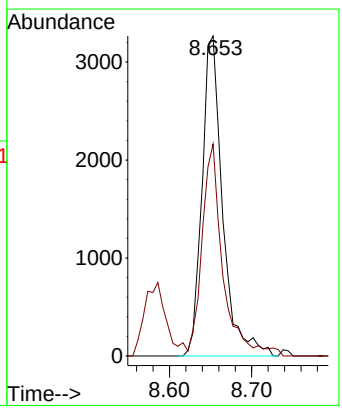


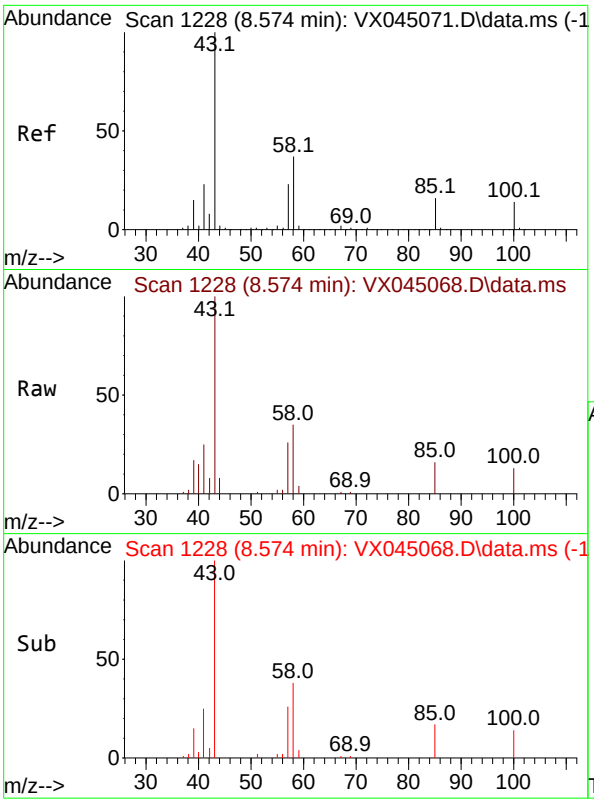


#50
Toluene-d8
Concen: 1.244 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 98 Resp: 5691

Ion	Ratio	Lower	Upper
98	100		
100	66.5	52.0	78.0



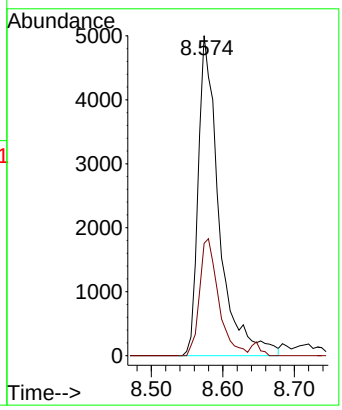


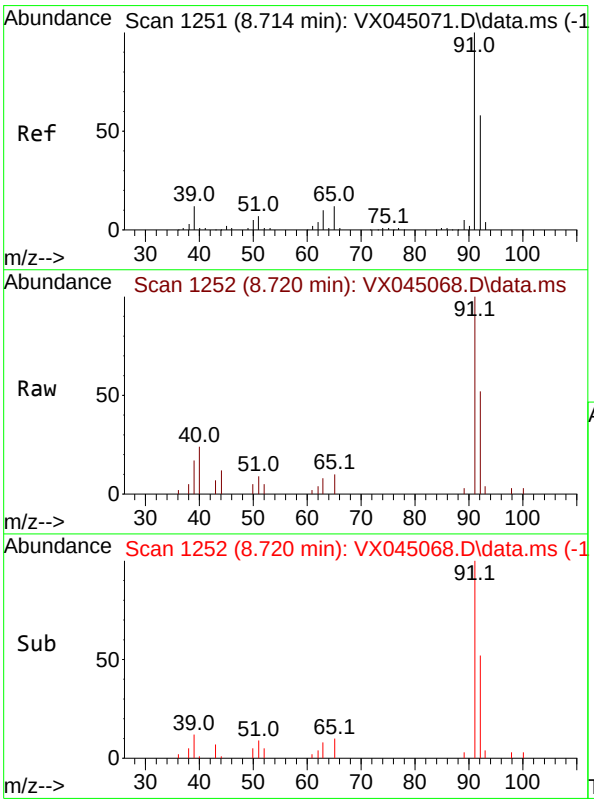
#51
4-Methyl-2-Pentanone
Concen: 4.567 ug/l
RT: 8.574 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 10091

Ion	Ratio	Lower	Upper
43	100		
58	33.5	29.2	43.8

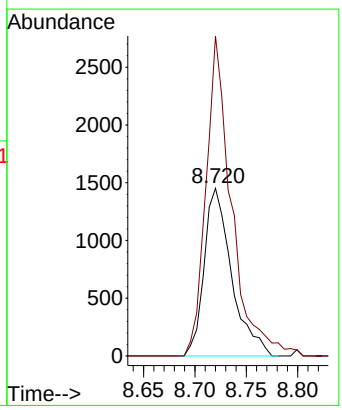


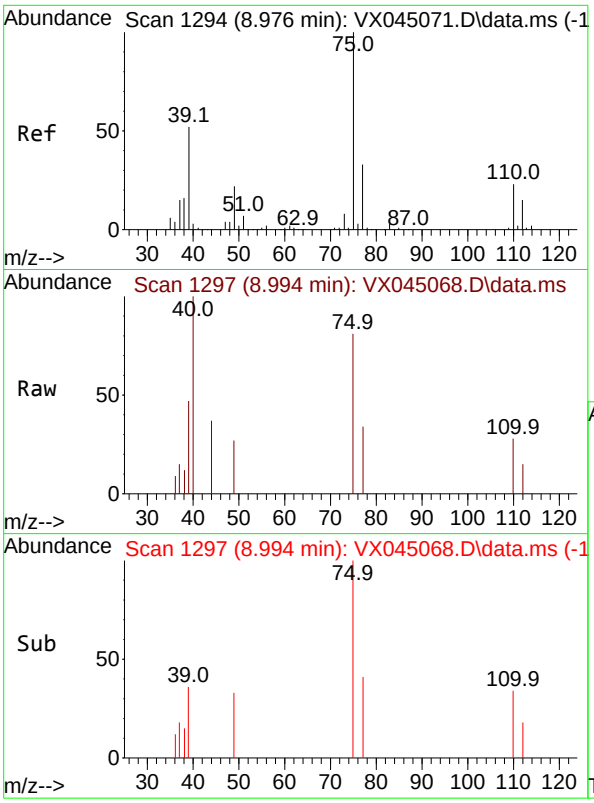


#52
Toluene
Concen: 0.841 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 92 Resp: 2700

Ion	Ratio	Lower	Upper
92	100		
91	177.7	138.9	208.3



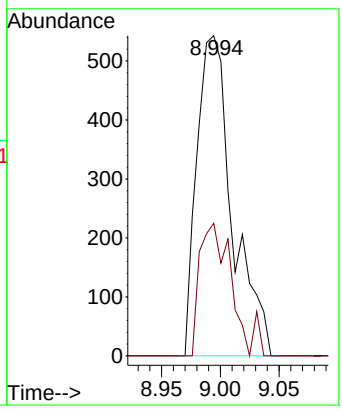


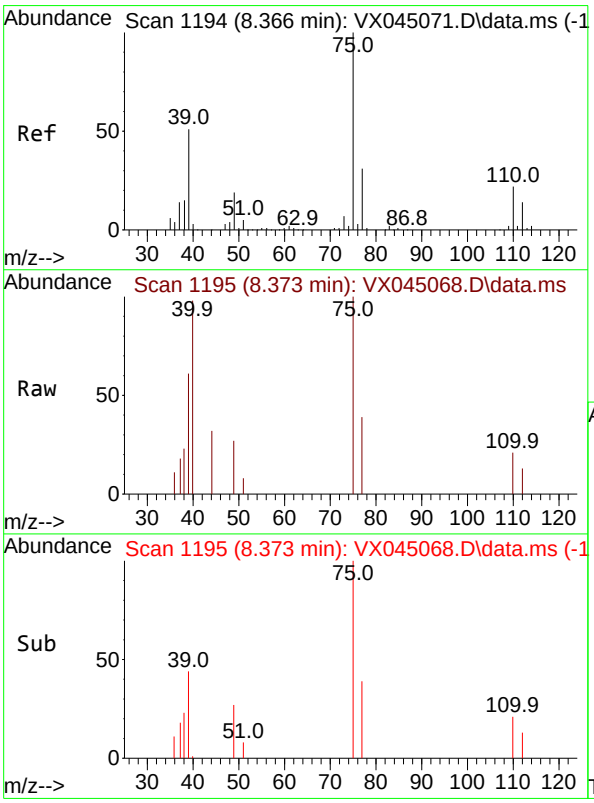
#53
t-1,3-Dichloropropene
Concen: 0.700 ug/l
RT: 8.994 min Scan# 1
Delta R.T. 0.018 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 75 Resp: 1147

Ion	Ratio	Lower	Upper
75	100		
77	41.4	26.5	39.7#

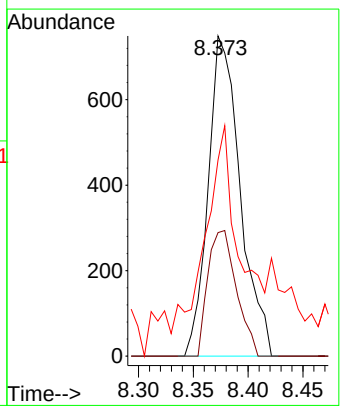


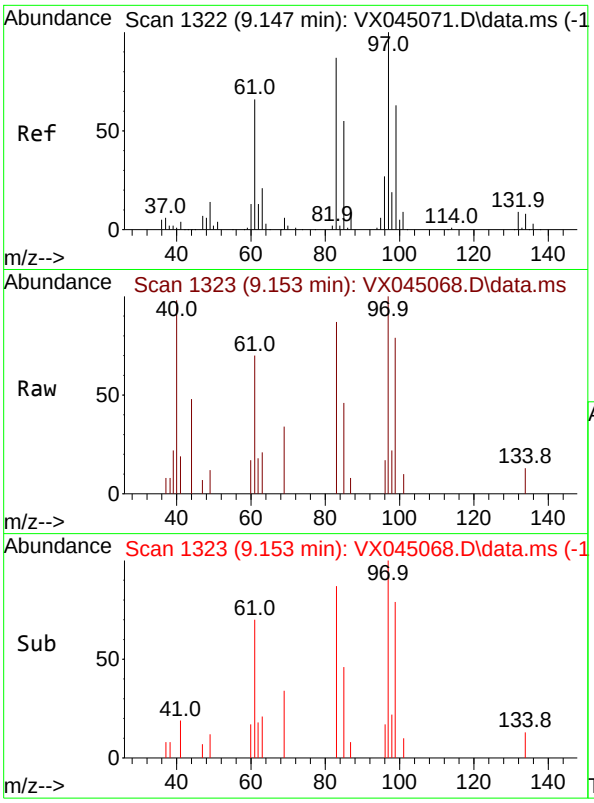


#54
cis-1,3-Dichloropropene
Concen: 0.804 ug/l
RT: 8.373 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 75 Resp: 1525

Ion	Ratio	Lower	Upper
75	100		
77	38.6	24.7	37.1#
39	45.1	40.7	61.1



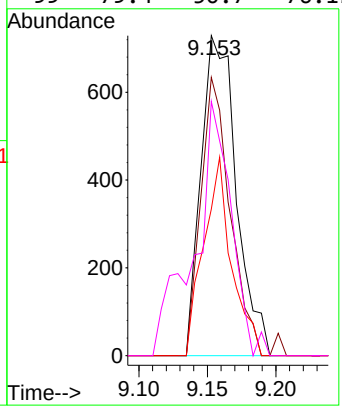


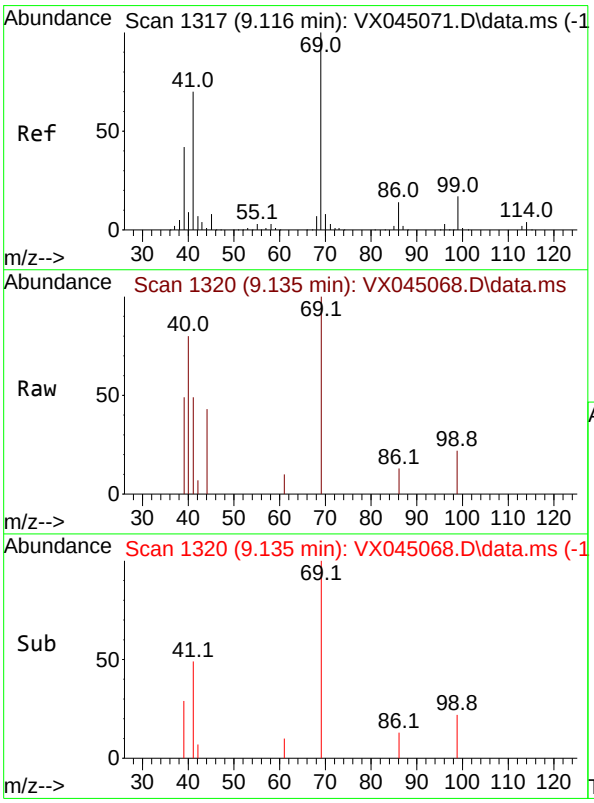
#55
1,1,2-Trichloroethane
Concen: 1.004 ug/l
RT: 9.153 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 97 Resp: 1306

Ion	Ratio	Lower	Upper
97	100		
83	87.0	69.4	104.2
85	45.8	44.1	66.1
99	79.4	50.7	76.1#

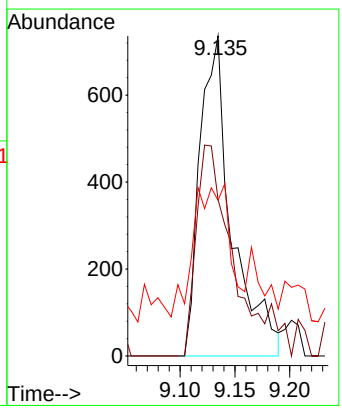


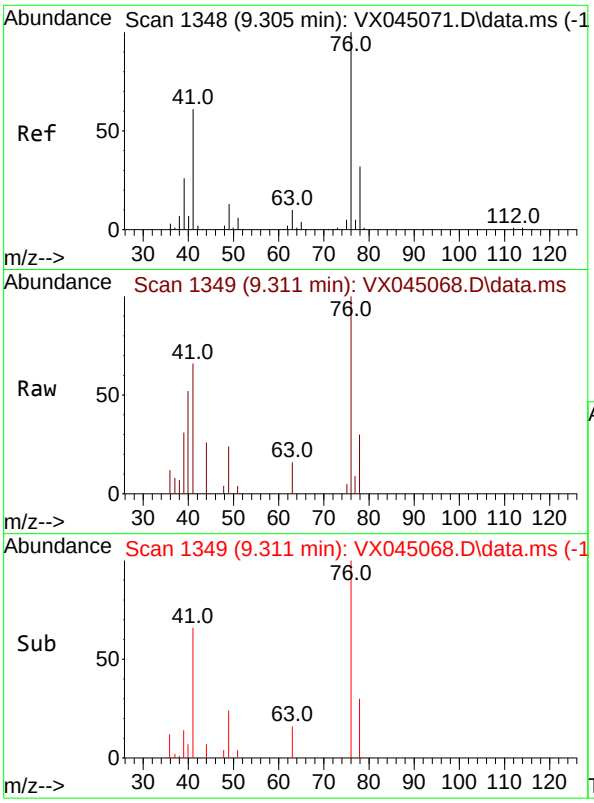


#56
Ethyl methacrylate
Concen: 0.748 ug/l
RT: 9.135 min Scan# 1320
Delta R.T. 0.018 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 69 Resp: 1494

Ion	Ratio	Lower	Upper
69	100		
41	71.5	57.0	85.4
39	54.6	34.2	51.4#



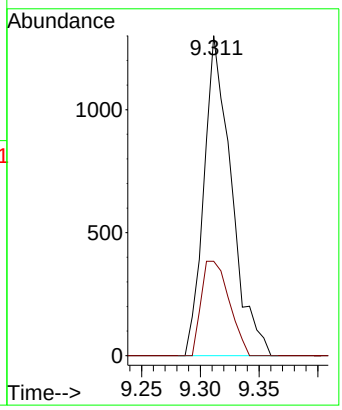


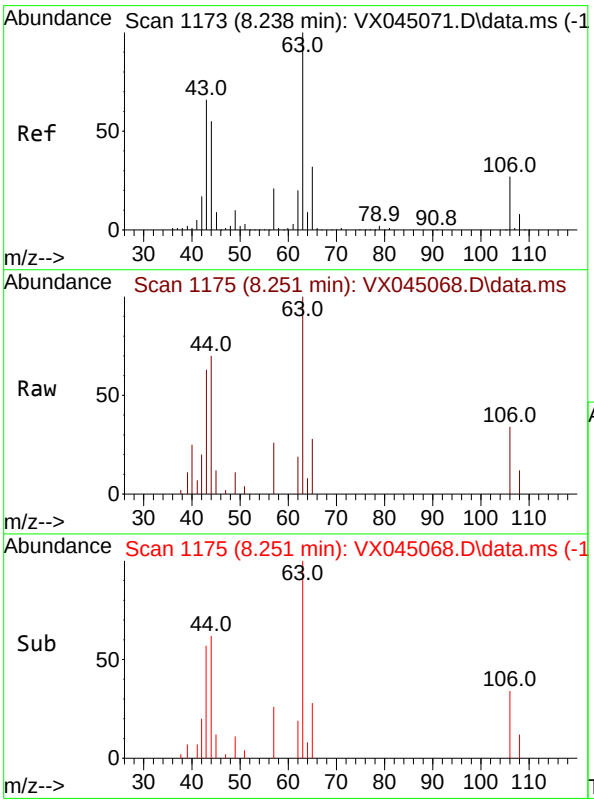
#57
1,3-Dichloropropane
Concen: 0.920 ug/l
RT: 9.311 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 76 Resp: 2112

Ion	Ratio	Lower	Upper
76	100		
78	30.1	25.5	38.3

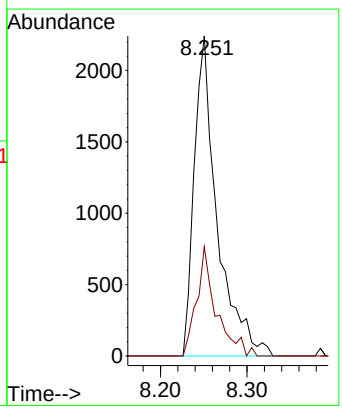


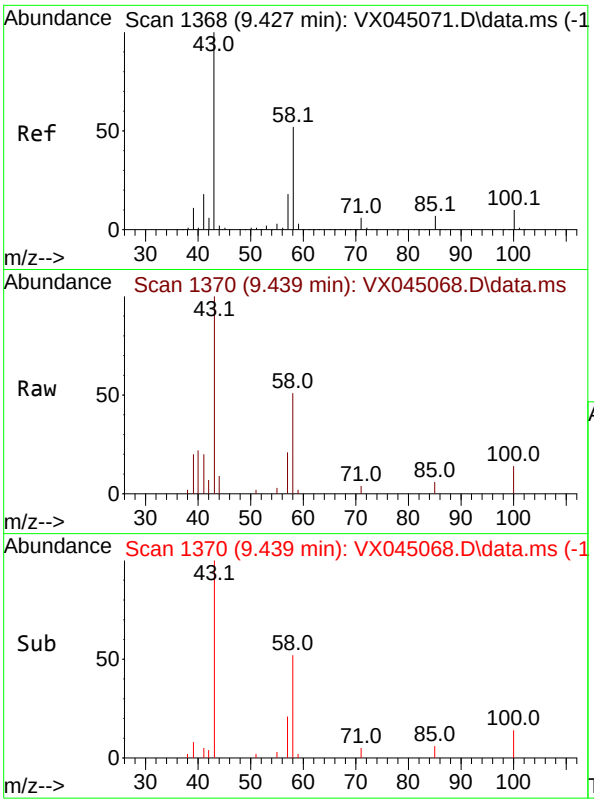


#58
2-Chloroethyl Vinyl ether
Concen: 4.320 ug/l
RT: 8.251 min Scan# 1175
Delta R.T. 0.012 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 63 Resp: 4115

Ion	Ratio	Lower	Upper
63	100		
106	29.2	21.5	32.3



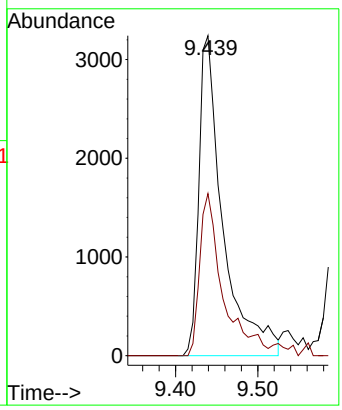


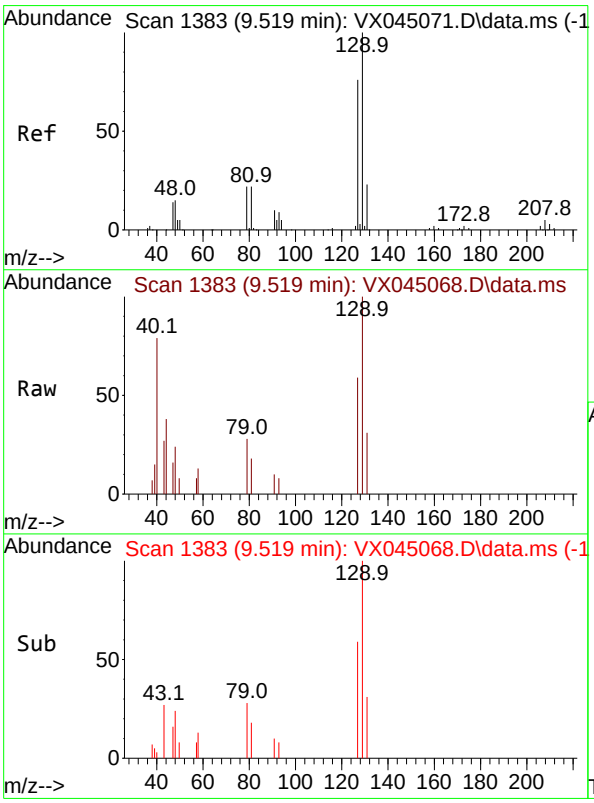
#59
2-Hexanone
Concen: 4.153 ug/l
RT: 9.439 min Scan# 1
Delta R.T. 0.012 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 6582

Ion	Ratio	Lower	Upper
43	100		
58	48.7	25.9	77.6

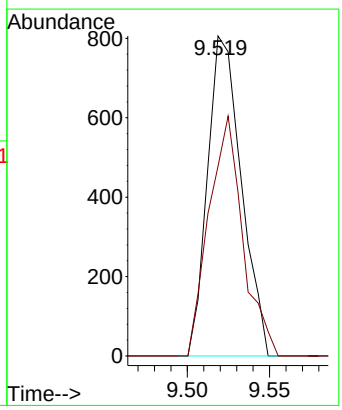


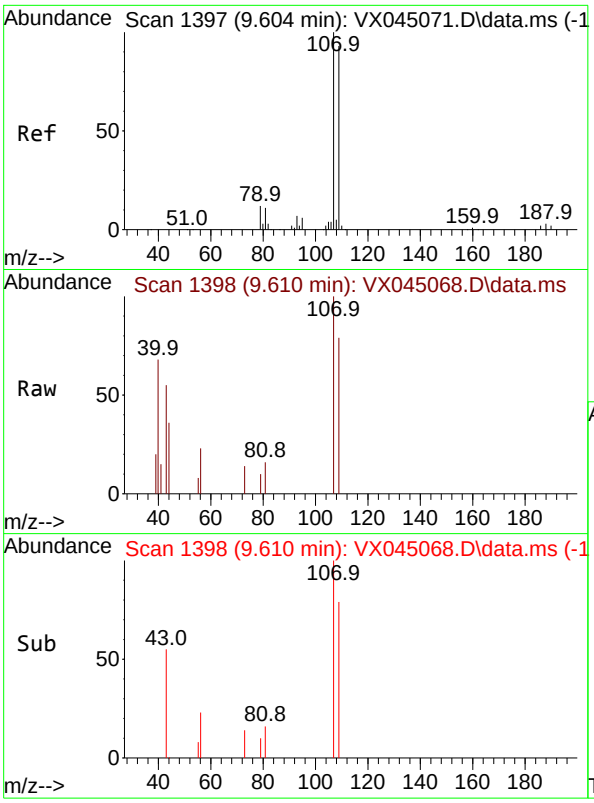


#60
Dibromochloromethane
Concen: 0.835 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion:129 Resp: 1152

Ion	Ratio	Lower	Upper
129	100		
127	75.2	38.5	115.5



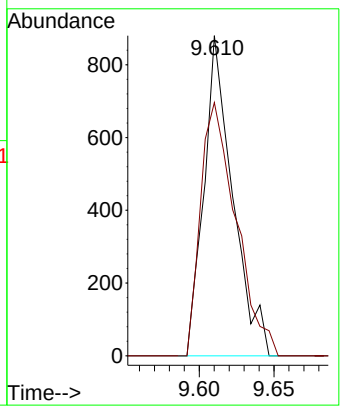


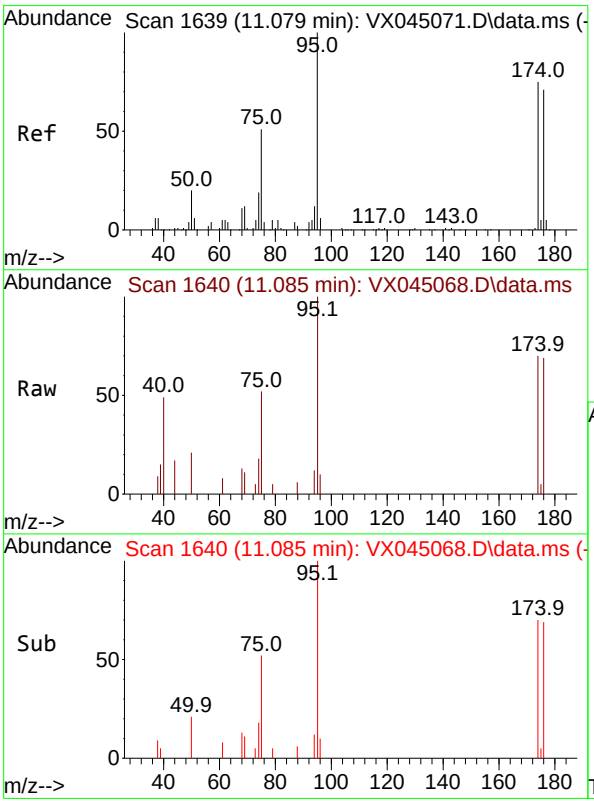
#61
1,2-Dibromoethane
Concen: 0.890 ug/l
RT: 9.610 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:107 Resp: 1174

Ion	Ratio	Lower	Upper
107	100		
109	97.6	76.1	114.1

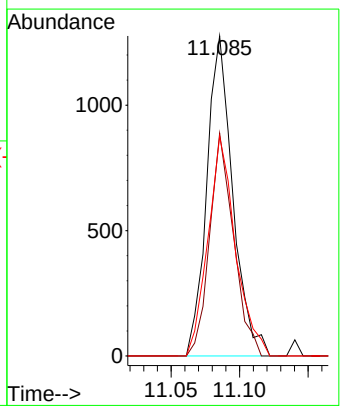


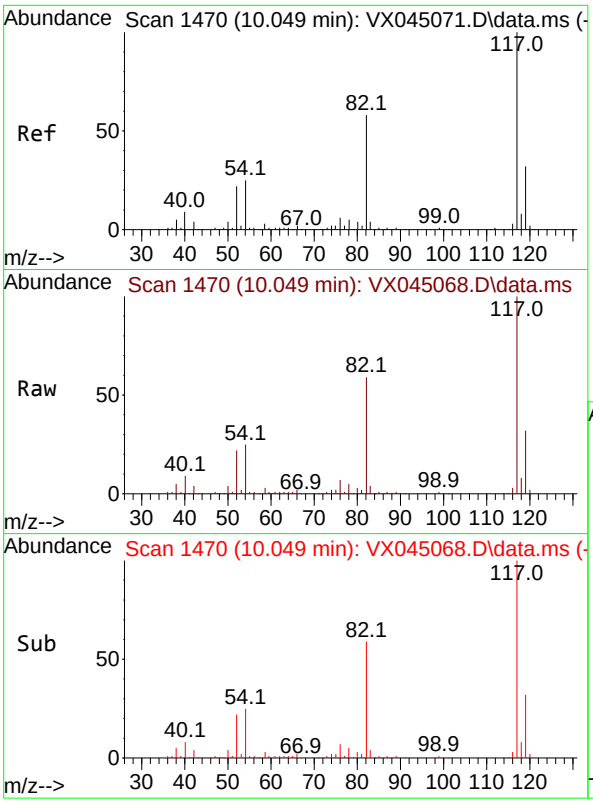


#62
4-Bromofluorobenzene
Concen: 1.112 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 95 Resp: 1685

Ion	Ratio	Lower	Upper
95	100		
174	64.2	0.0	148.2
176	72.7	0.0	141.4



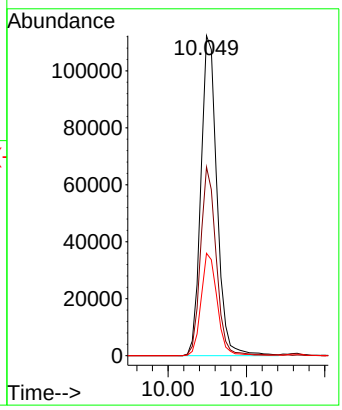


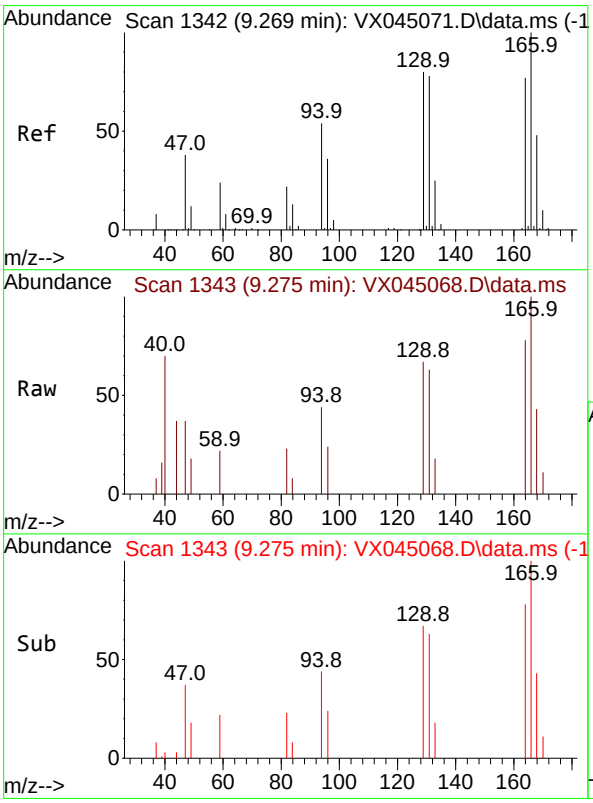
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:117 Resp: 159886

Ion	Ratio	Lower	Upper
117	100		
82	59.0	46.3	69.5
119	32.0	25.7	38.5

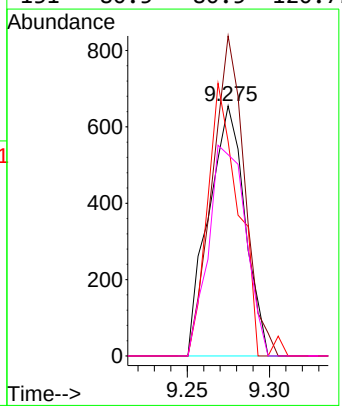


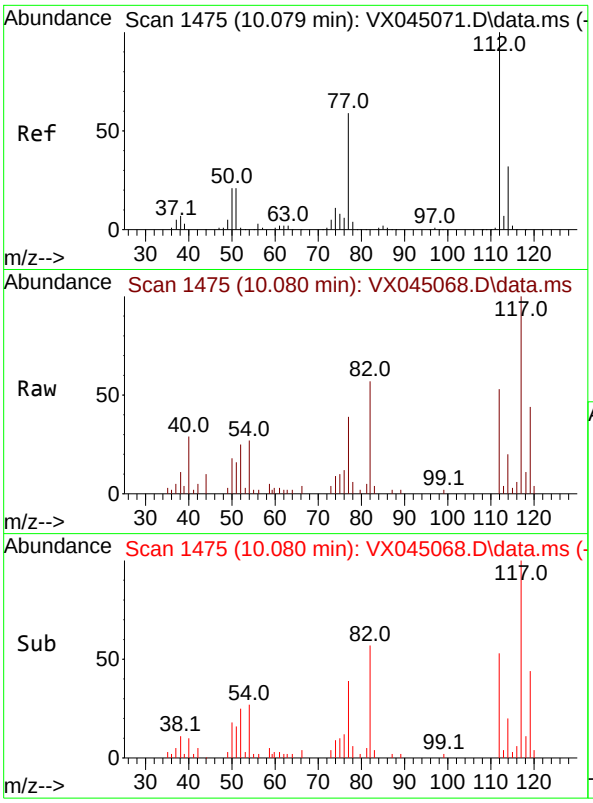


#64
Tetrachloroethene
Concen: 0.986 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion:164 Resp: 1006

Ion	Ratio	Lower	Upper
164	100		
166	127.9	103.6	155.4
129	85.8	82.7	124.1
131	80.5	80.5	120.7#



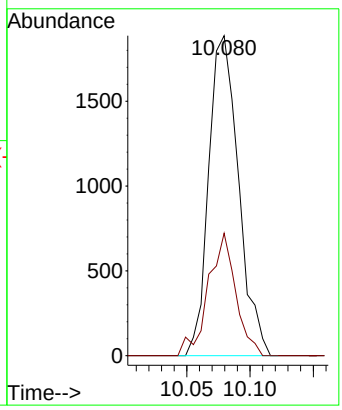


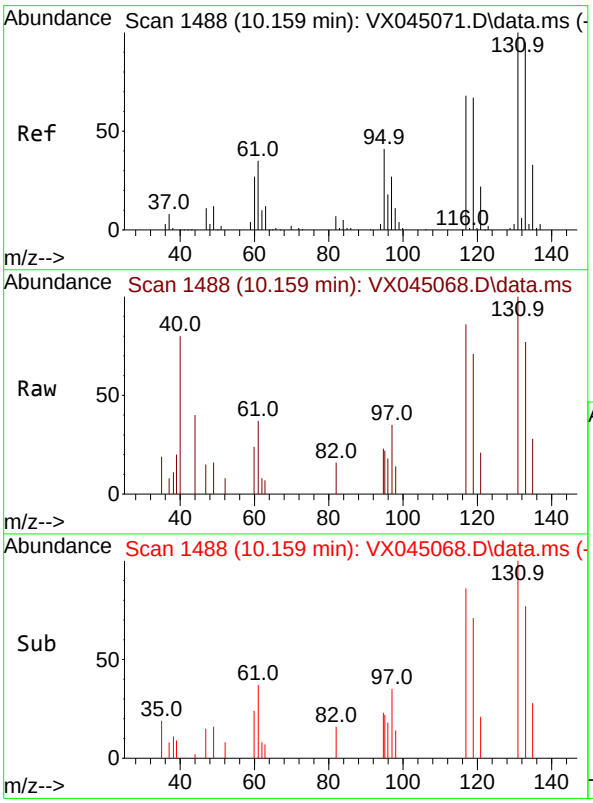
#65
Chlorobenzene
Concen: 0.908 ug/l
RT: 10.080 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:112 Resp: 3094

Ion	Ratio	Lower	Upper
112	100		
114	38.3	26.0	39.0

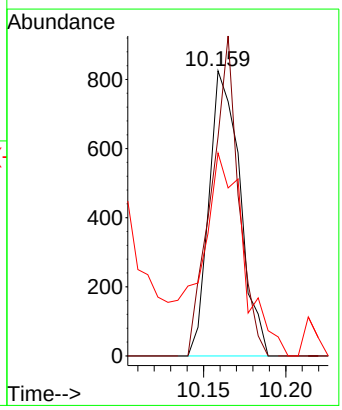


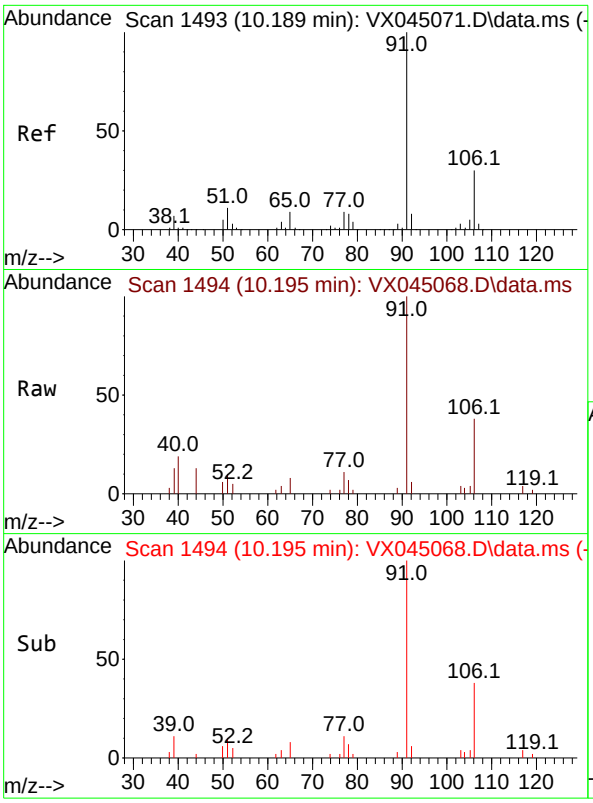


#66
1,1,1,2-Tetrachloroethane
Concen: 0.978 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion:131 Resp: 1078

Ion	Ratio	Lower	Upper
131	100		
133	98.6	48.6	145.9
119	0.0	33.9	101.7#



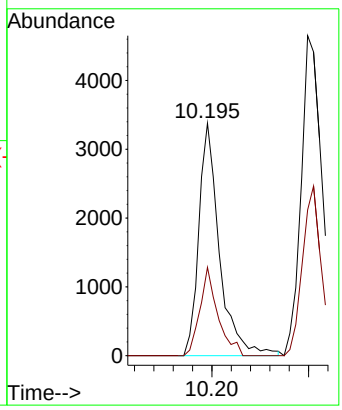


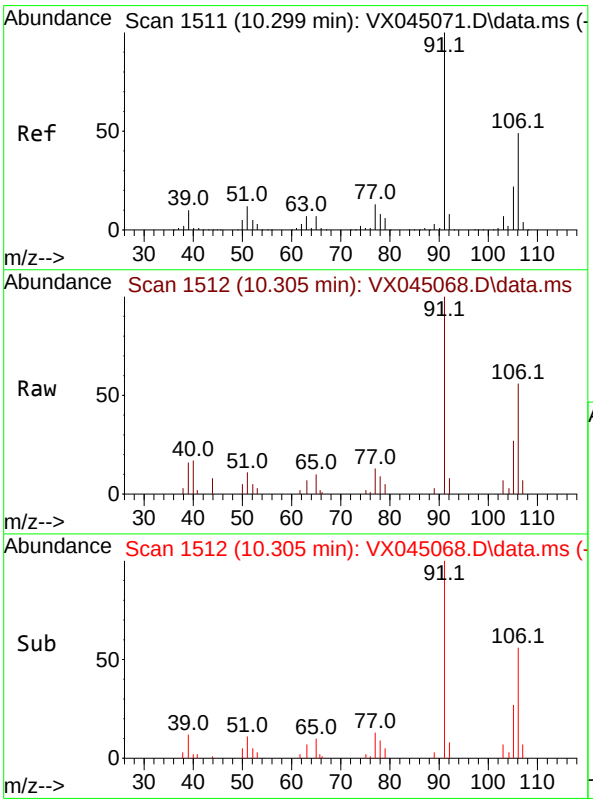
#67
Ethyl Benzene
Concen: 0.846 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 5008

Ion	Ratio	Lower	Upper
91	100		
106	38.0	23.9	35.9#

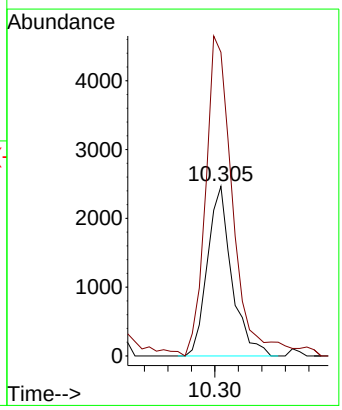


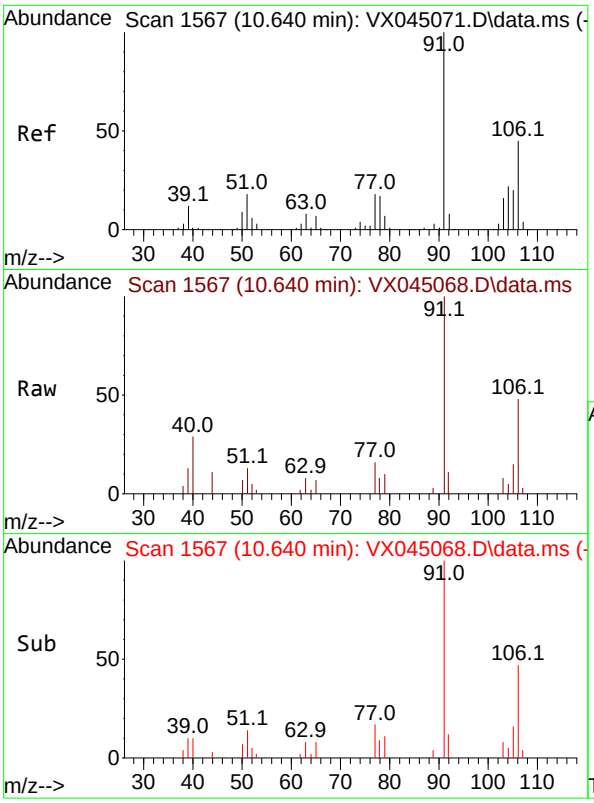


#68
m/p-Xylenes
Concen: 1.630 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion:106 Resp: 3552

Ion	Ratio	Lower	Upper
106	100		
91	211.2	165.4	248.0



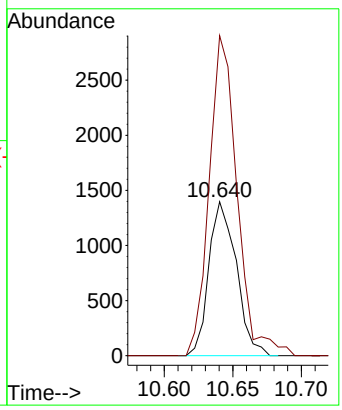


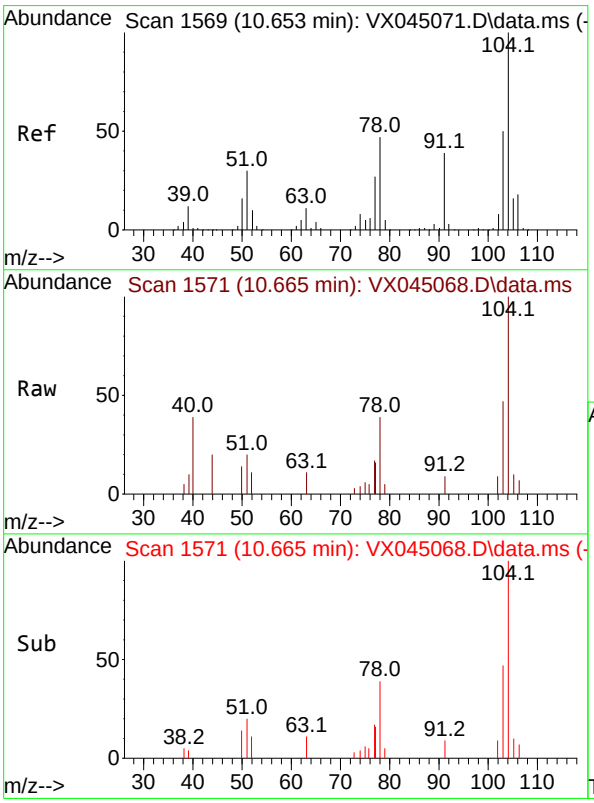
#69
o-Xylene
Concen: 0.891 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:106 Resp: 1949

Ion	Ratio	Lower	Upper
106	100		
91	211.0	109.9	329.6

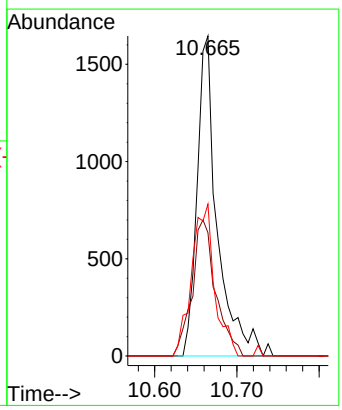


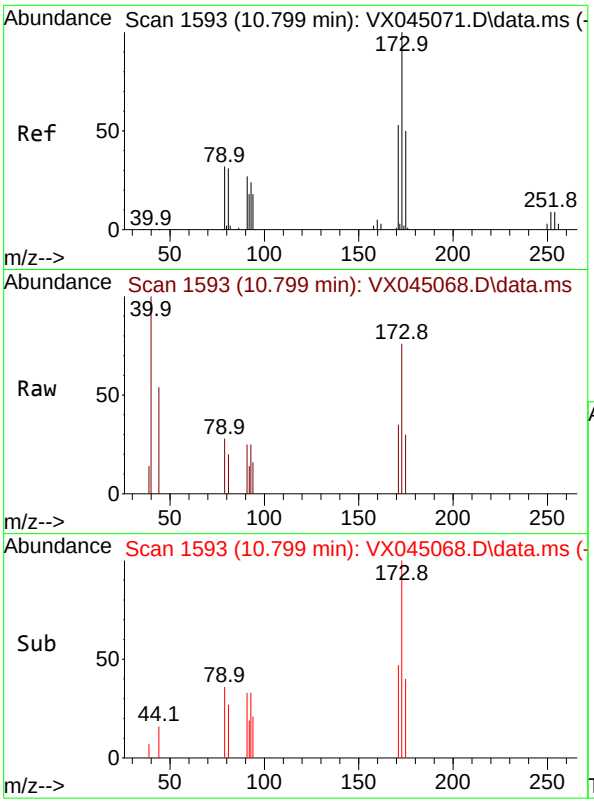


#70
Styrene
Concen: 0.802 ug/l
RT: 10.665 min Scan# 1571
Delta R.T. 0.012 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion:104 Resp: 2810

Ion	Ratio	Lower	Upper
104	100		
78	49.7	42.2	63.4
103	53.6	43.8	65.8



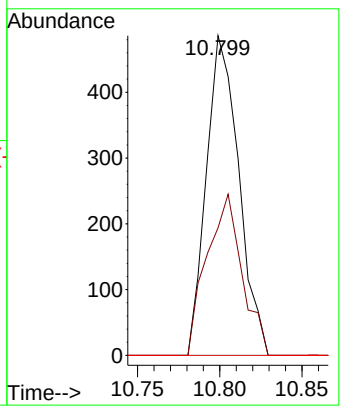


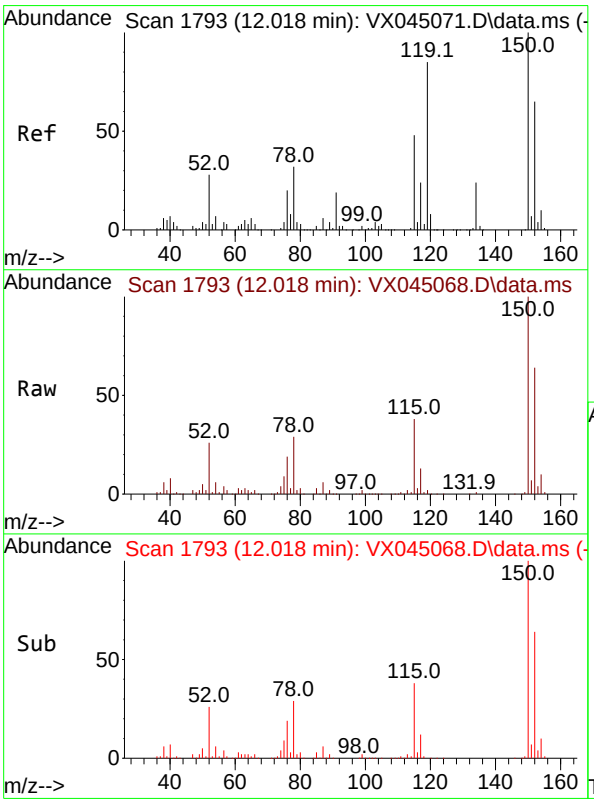
#71
Bromoform
Concen: 0.768 ug/l
RT: 10.799 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:173 Resp: 667

Ion	Ratio	Lower	Upper
173	100		
175	54.7	24.6	73.6
254	0.0	0.0	0.0

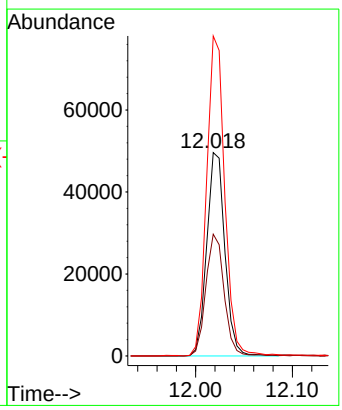


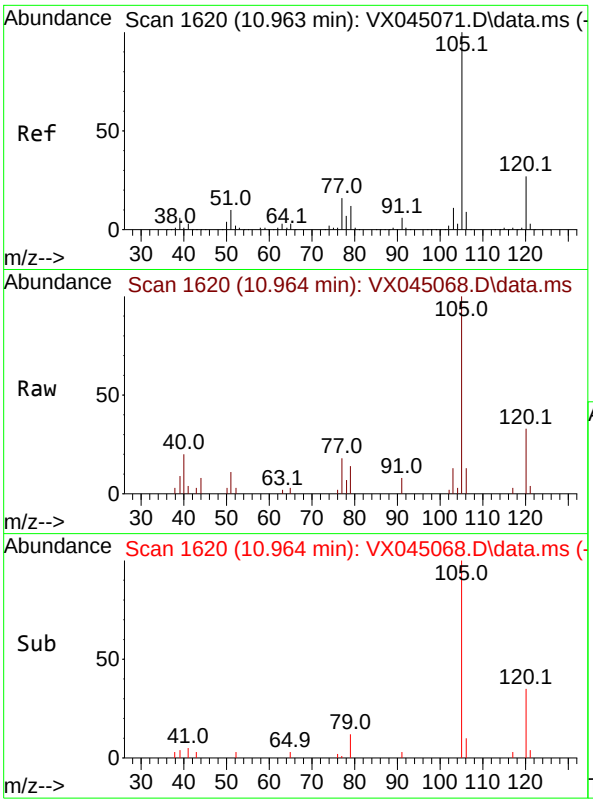


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion:152 Resp: 64845

Ion	Ratio	Lower	Upper
152	100		
115	60.3	44.2	132.6
150	157.1	0.0	349.0



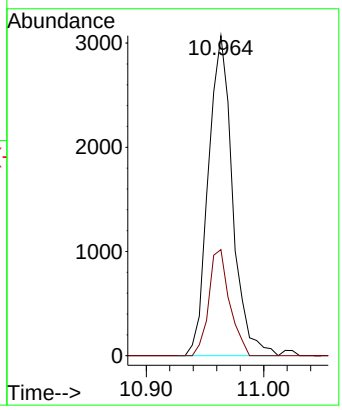


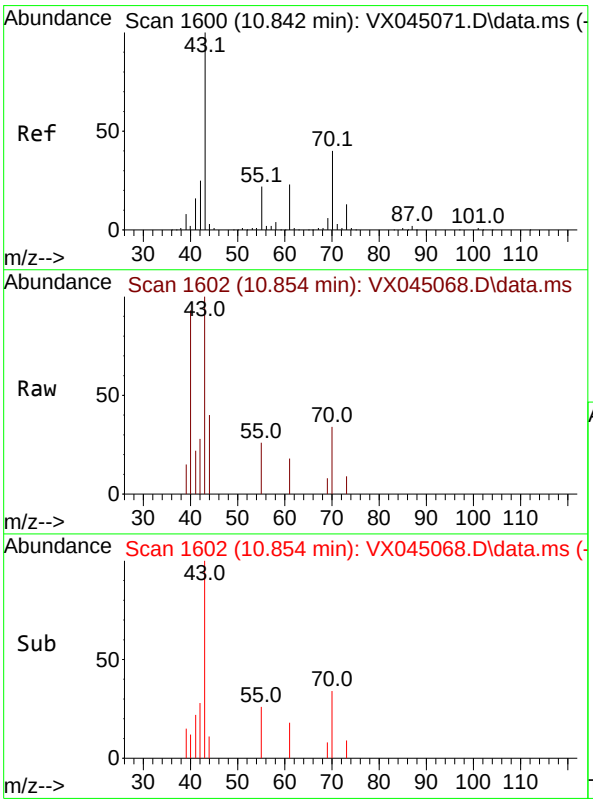
#73
Isopropylbenzene
Concen: 0.858 ug/l
RT: 10.964 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:105 Resp: 4405

Ion	Ratio	Lower	Upper
105	100		
120	28.5	13.2	39.5

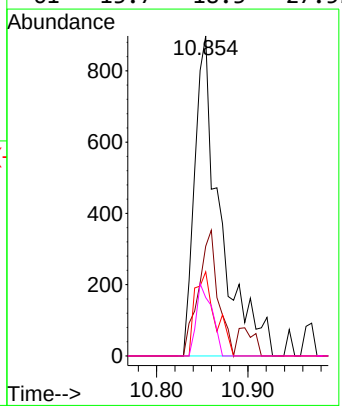


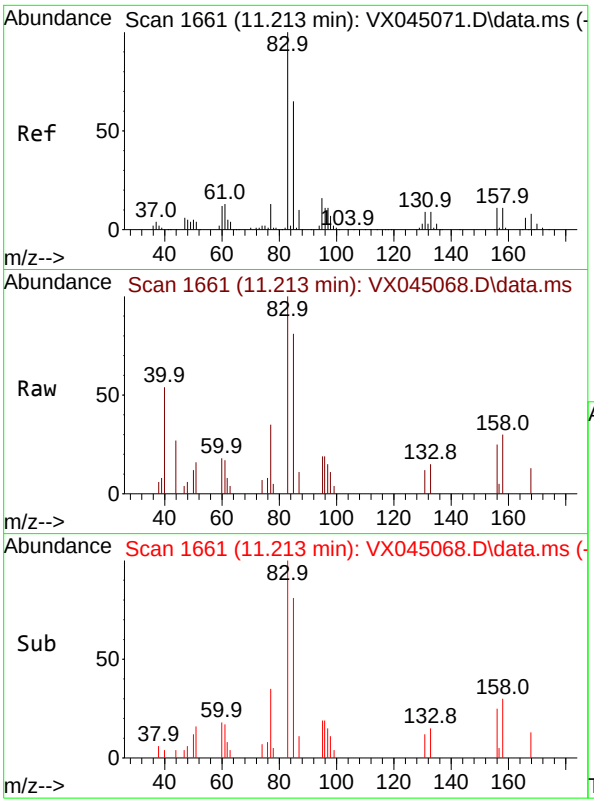


#74
N-amyl acetate
Concen: 0.732 ug/l
RT: 10.854 min Scan# 1602
Delta R.T. 0.012 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 43 Resp: 1750

Ion	Ratio	Lower	Upper
43	100		
70	30.1	31.8	47.6#
55	20.9	18.3	27.5
61	13.7	18.3	27.5#



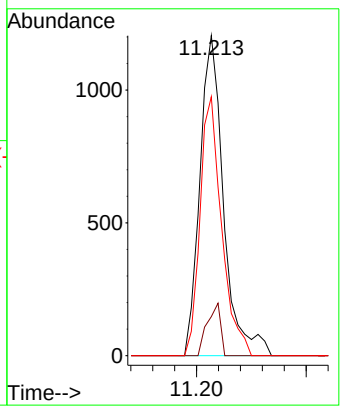


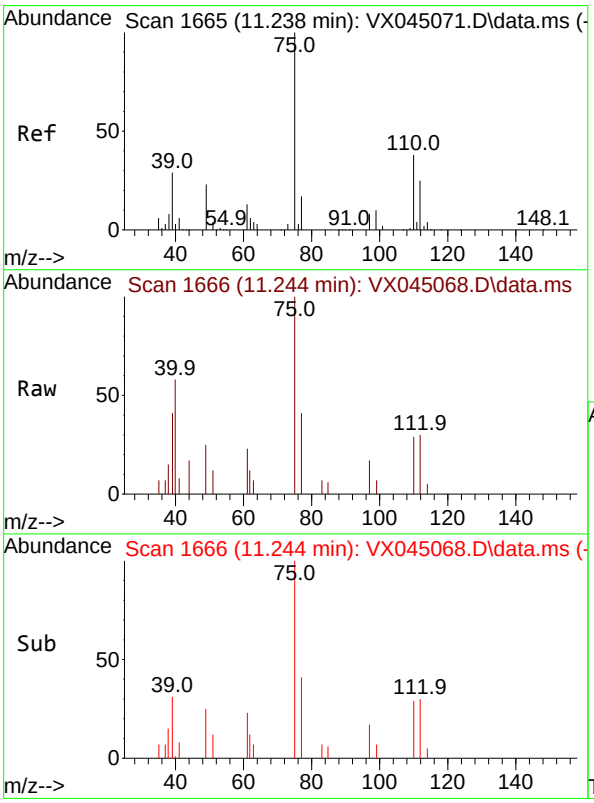
#75
1,1,2,2-Tetrachloroethane
Concen: 0.954 ug/l
RT: 11.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 83 Resp: 1809

Ion	Ratio	Lower	Upper
83	100		
131	9.2	4.5	13.4
85	73.7	31.7	95.1

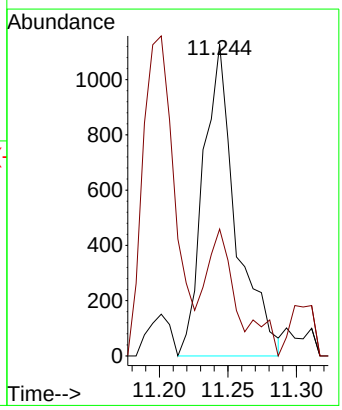


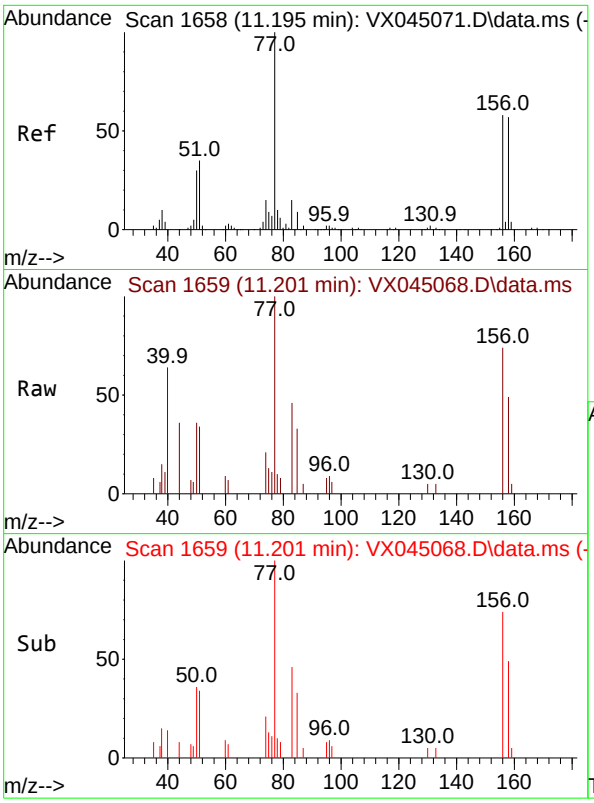


#76
1,2,3-Trichloropropane
Concen: 1.246 ug/l
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 75 Resp: 1878

Ion	Ratio	Lower	Upper
75	100		
77	32.6	20.7	62.1



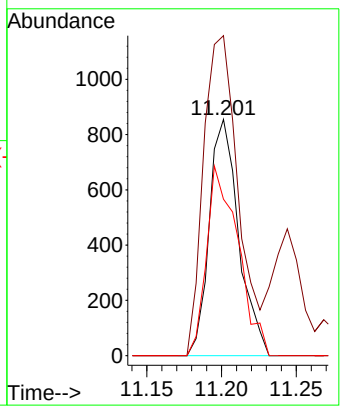


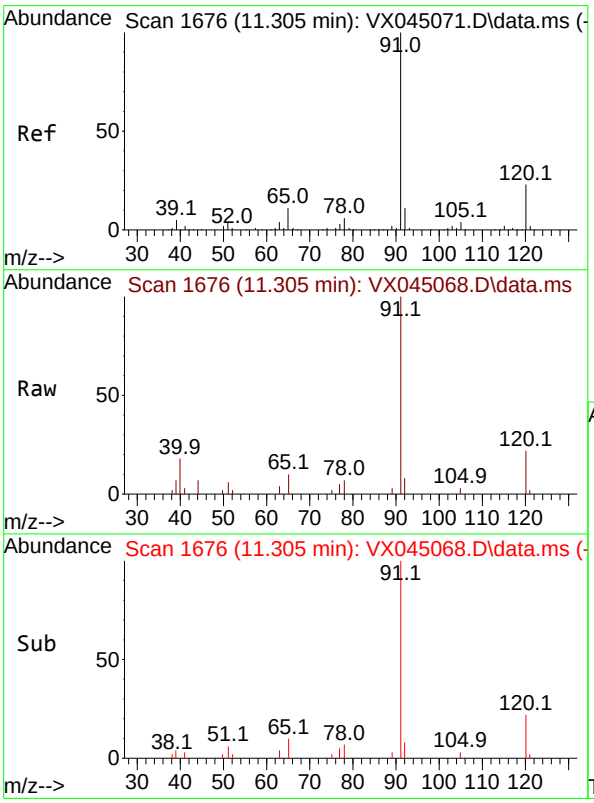
#77
Bromobenzene
Concen: 0.972 ug/l
RT: 11.201 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:156 Resp: 1166

Ion	Ratio	Lower	Upper
156	100		
77	159.8	85.8	257.4
158	86.2	48.4	145.2

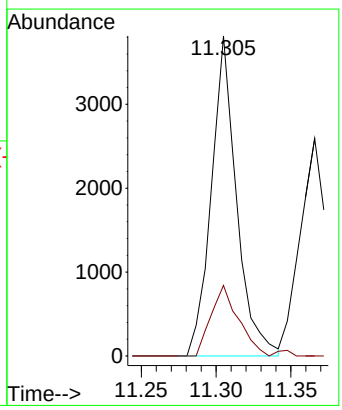


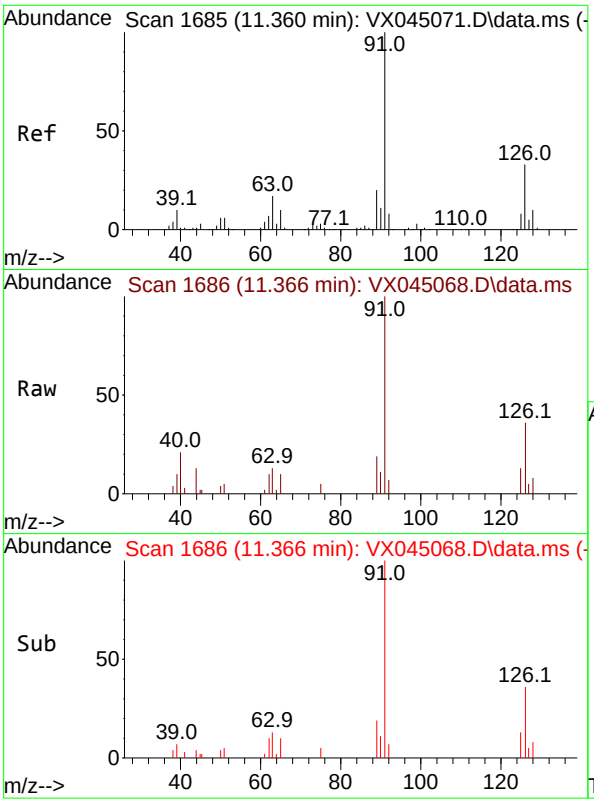


#78
n-propylbenzene
Concen: 0.773 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 91 Resp: 4475

Ion	Ratio	Lower	Upper
91	100		
120	23.9	11.2	33.6



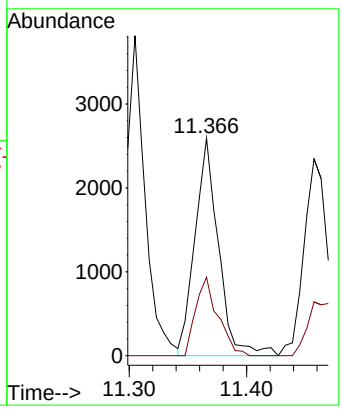


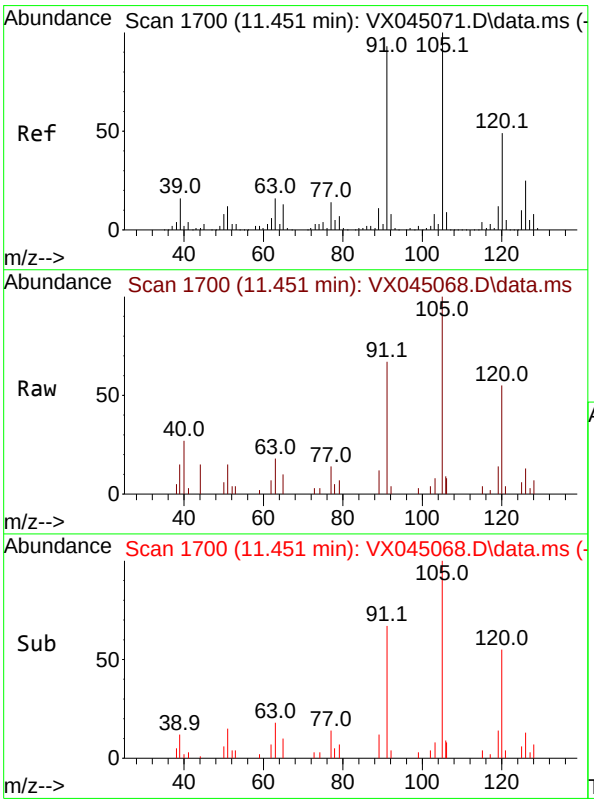
#79
2-Chlorotoluene
Concen: 0.986 ug/l
RT: 11.366 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 3616

Ion	Ratio	Lower	Upper
91	100		
126	34.2	16.4	49.4

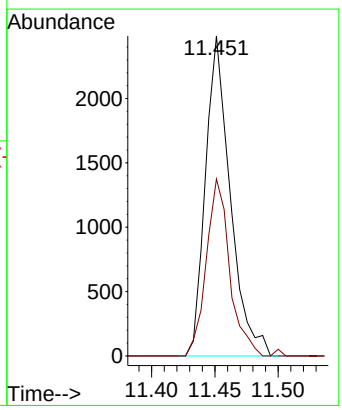


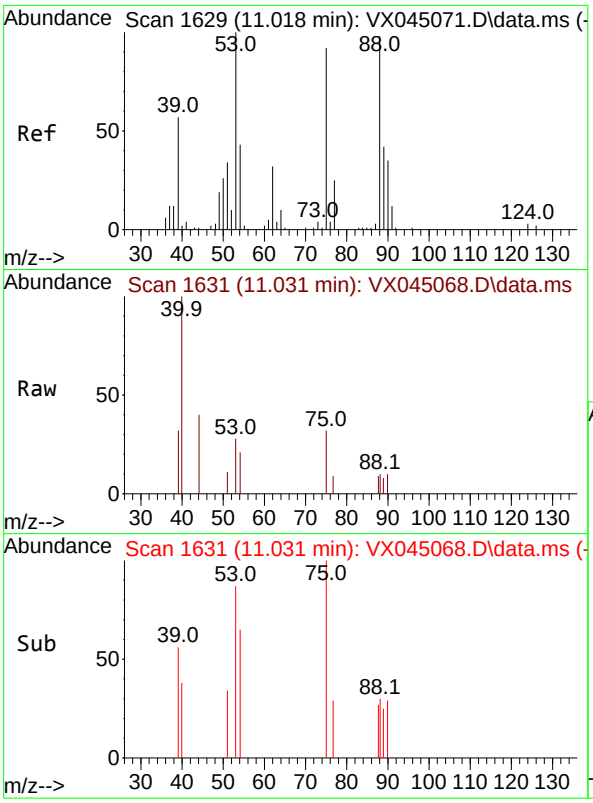


#80
1,3,5-Trimethylbenzene
Concen: 0.815 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion:105 Resp: 3386

Ion	Ratio	Lower	Upper
105	100		
120	52.2	24.1	72.2



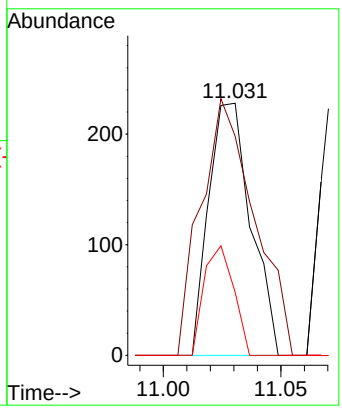


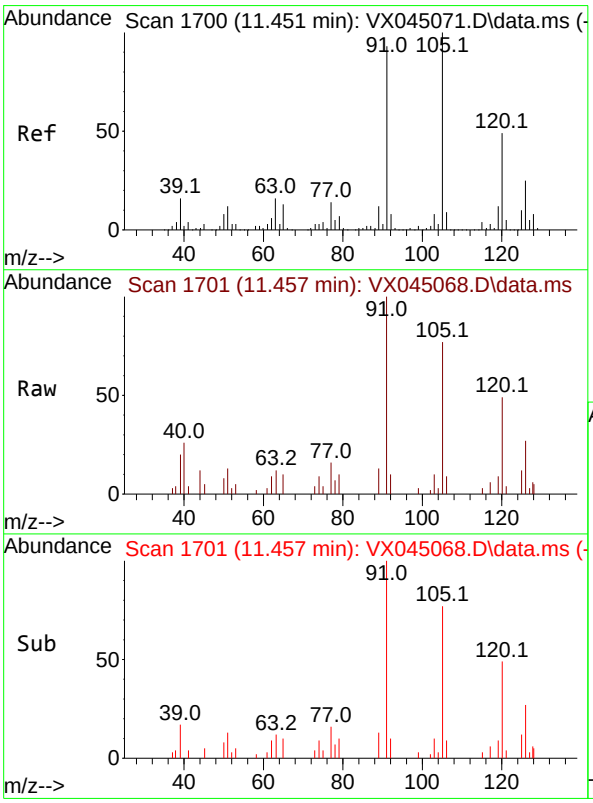
#81
trans-1,4-Dichloro-2-butene
Concen: 0.646 ug/l
RT: 11.031 min Scan# 1
Delta R.T. 0.012 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 75 Resp: 285

Ion	Ratio	Lower	Upper
75	100		
53	128.8	88.5	132.7
89	30.5	36.2	54.4#

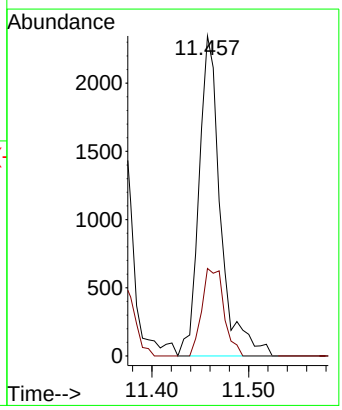


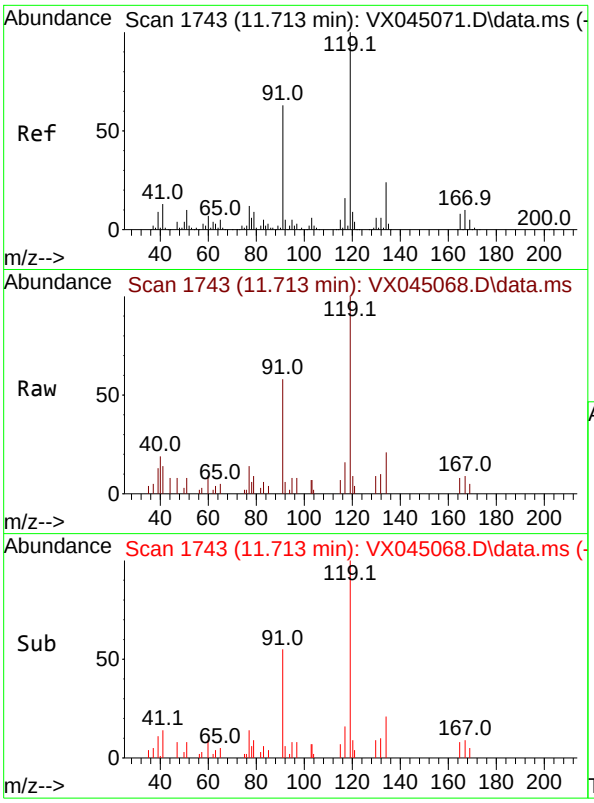


#82
4-Chlorotoluene
Concen: 0.904 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 91 Resp: 3631

Ion	Ratio	Lower	Upper
91	100		
126	28.0	14.1	42.4



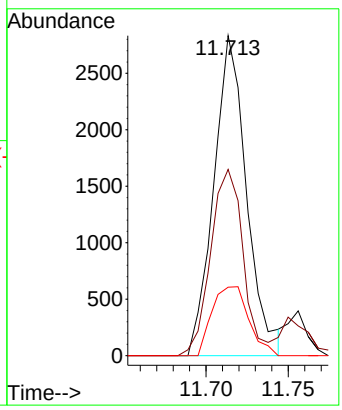


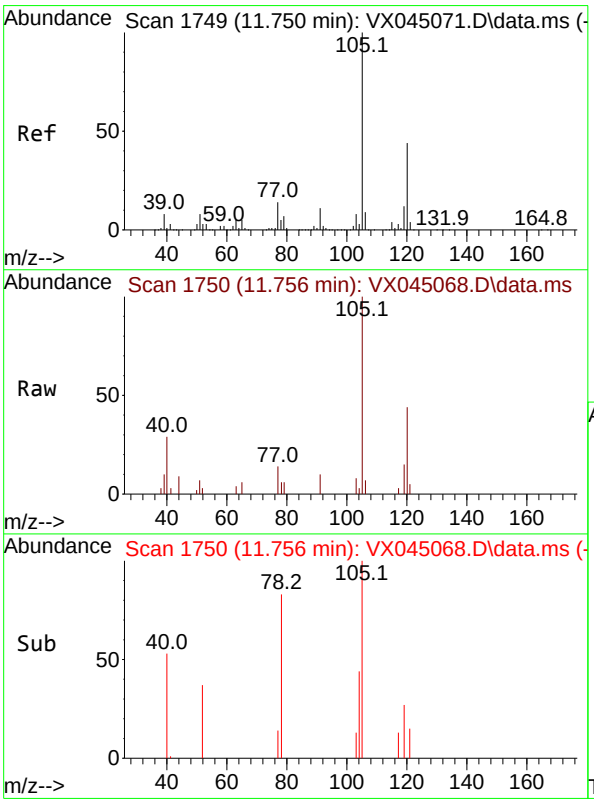
#83
tert-Butylbenzene
Concen: 0.929 ug/l
RT: 11.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:119 Resp: 3928

Ion	Ratio	Lower	Upper
119	100		
91	57.7	30.7	92.1
134	24.2	11.7	35.0

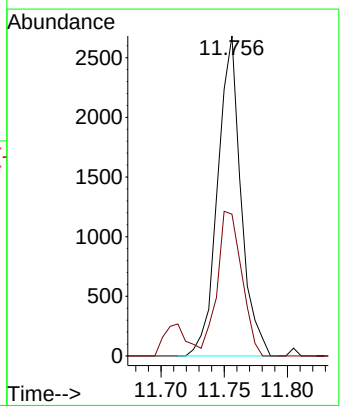


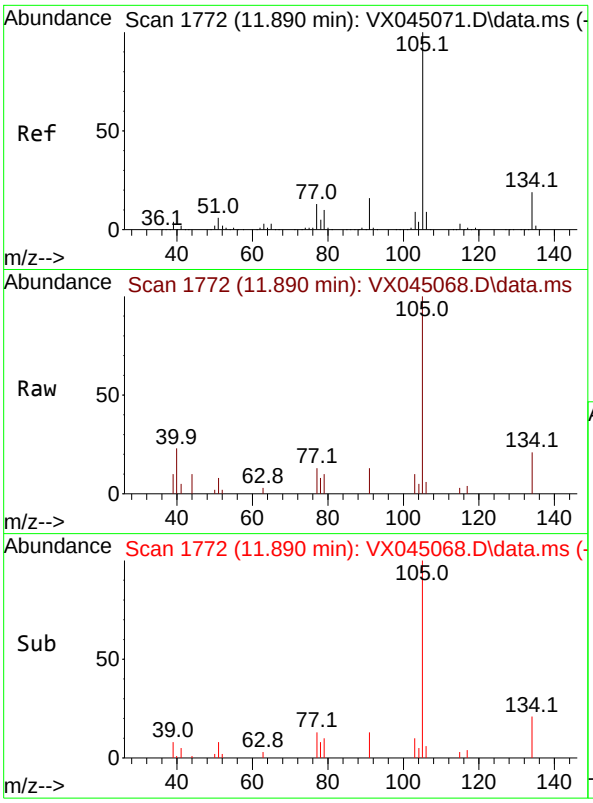


#84
1,2,4-Trimethylbenzene
Concen: 0.827 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion:105 Resp: 3432

Ion	Ratio	Lower	Upper
105	100		
120	47.5	22.1	66.1



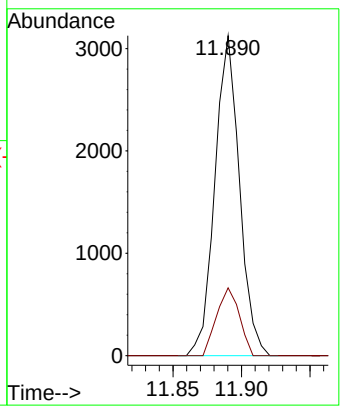


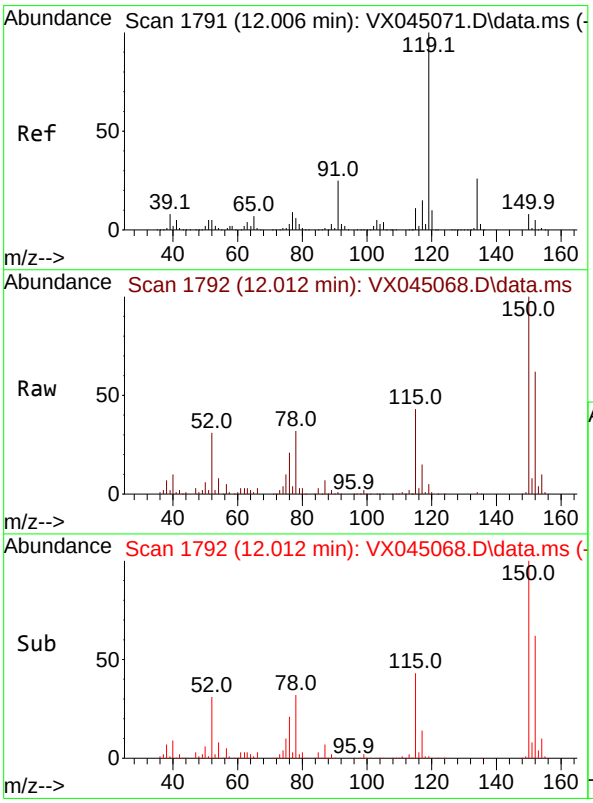
#85
sec-Butylbenzene
Concen: 0.752 ug/l
RT: 11.890 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:105 Resp: 3891

Ion	Ratio	Lower	Upper
105	100		
134	19.5	9.8	29.4

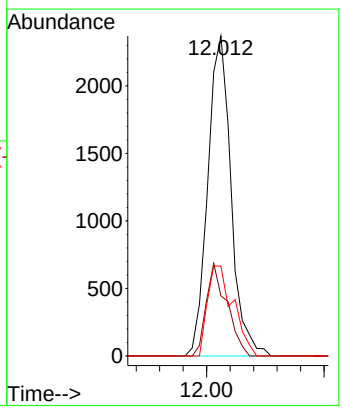


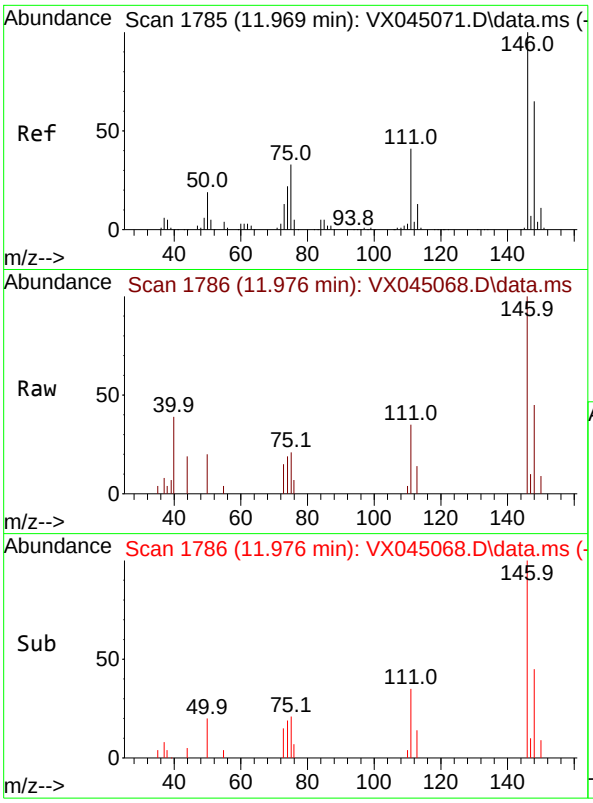


#86
p-Isopropyltoluene
Concen: 0.797 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion:119 Resp: 3257

Ion	Ratio	Lower	Upper
119	100		
134	25.6	12.9	38.6
91	30.9	12.7	38.0



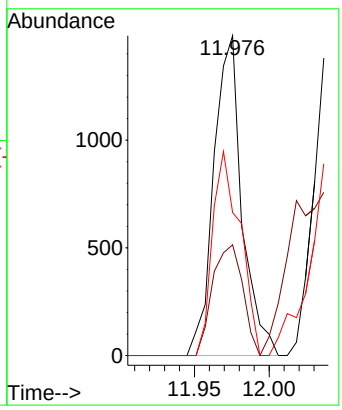


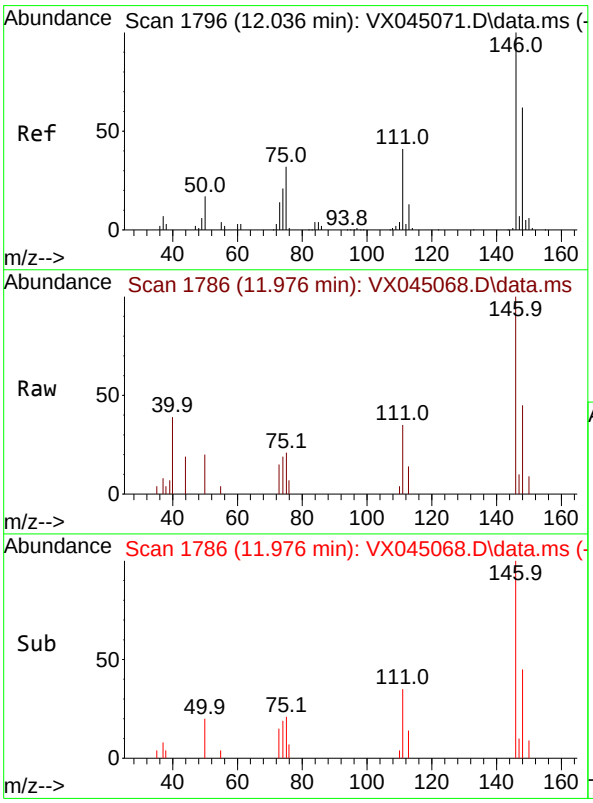
#87
1,3-Dichlorobenzene
Concen: 0.913 ug/l
RT: 11.976 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:146 Resp: 1948

Ion	Ratio	Lower	Upper
146	100		
111	37.1	21.1	63.4
148	62.4	31.9	95.7

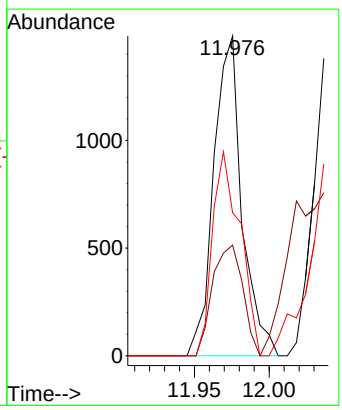


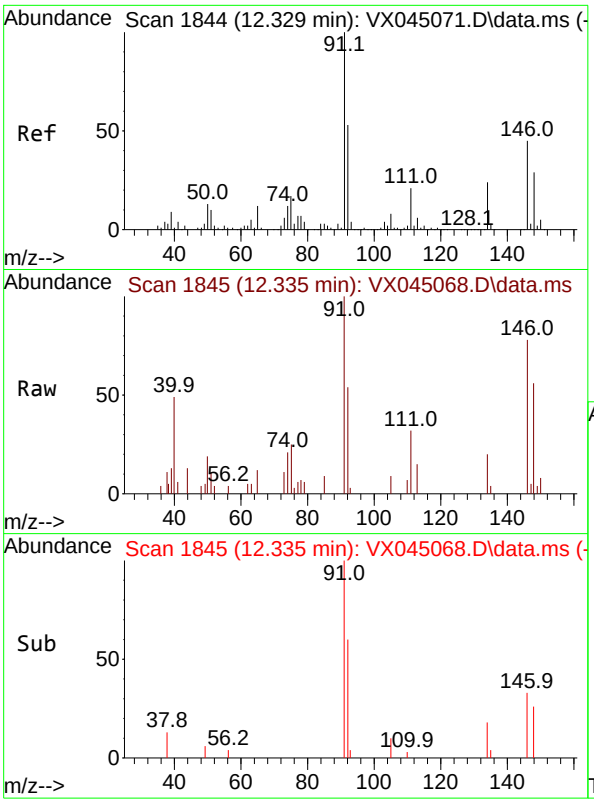


#88
1,4-Dichlorobenzene
Concen: 0.900 ug/l
RT: 11.976 min Scan# 1786
Delta R.T. -0.061 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion:146 Resp: 1948

Ion	Ratio	Lower	Upper
146	100		
111	37.1	20.2	60.5
148	62.4	31.9	95.9



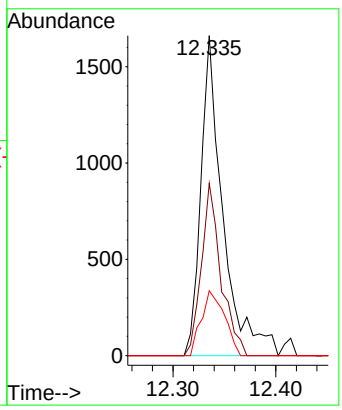


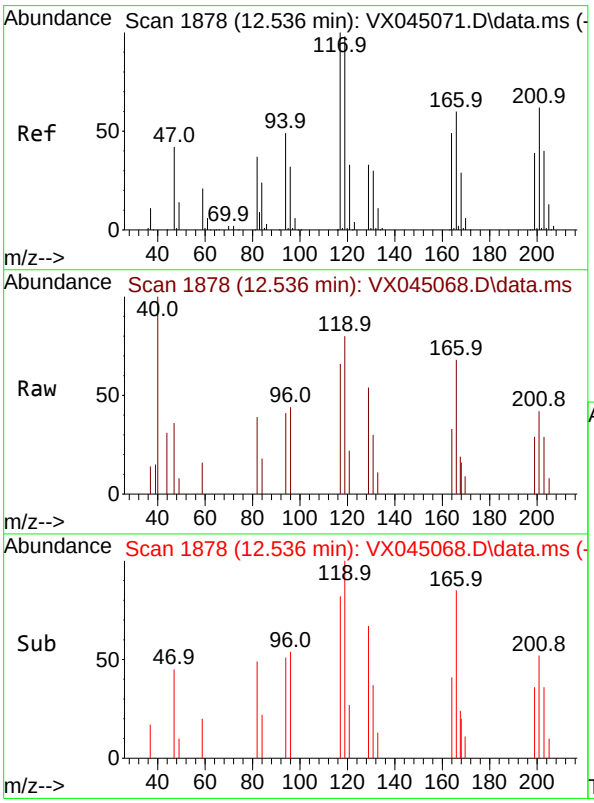
#89
n-Butylbenzene
Concen: 0.691 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 2470

Ion	Ratio	Lower	Upper
91	100		
92	48.0	26.7	80.0
134	21.4	12.2	36.6

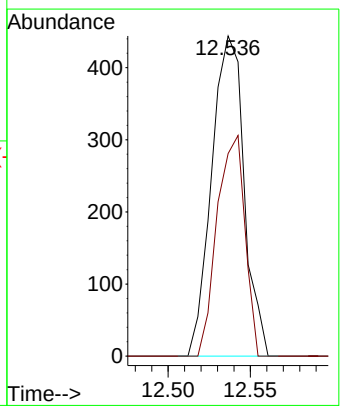


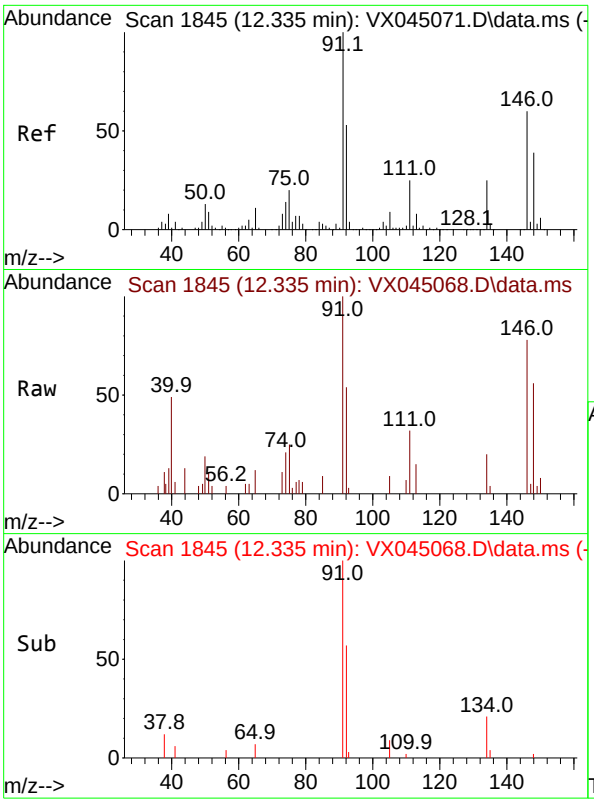


#90
Hexachloroethane
Concen: 0.805 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion:117 Resp: 609

Ion	Ratio	Lower	Upper
117	100		
201	58.9	31.9	95.9



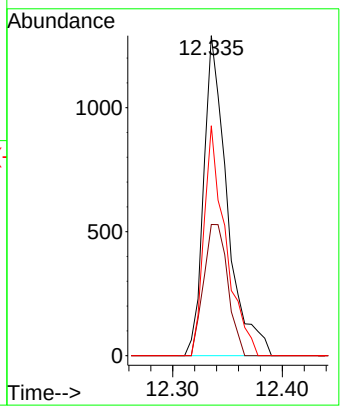


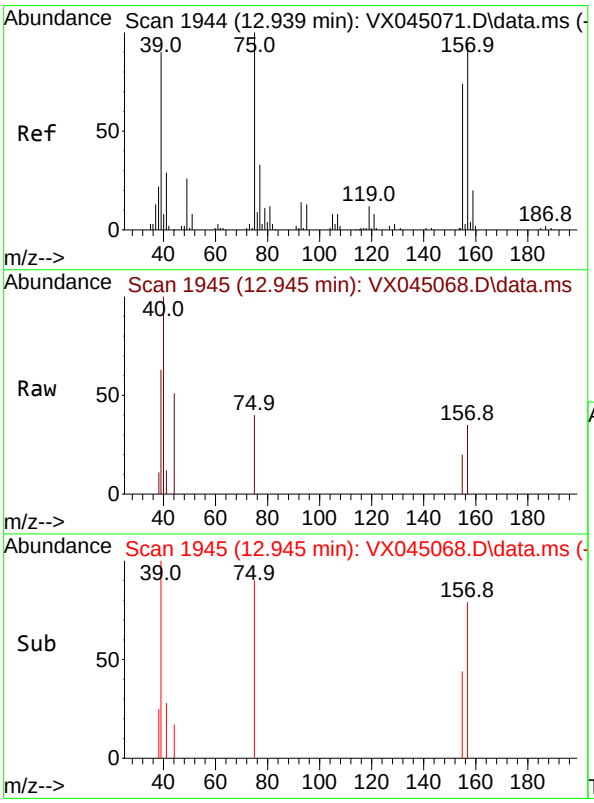
#91
1,2-Dichlorobenzene
Concen: 0.890 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:146 Resp: 1918

Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.6	65.0
148	66.1	31.9	95.9

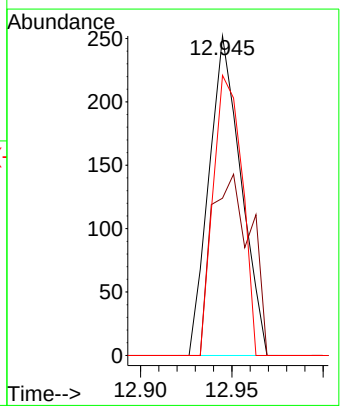


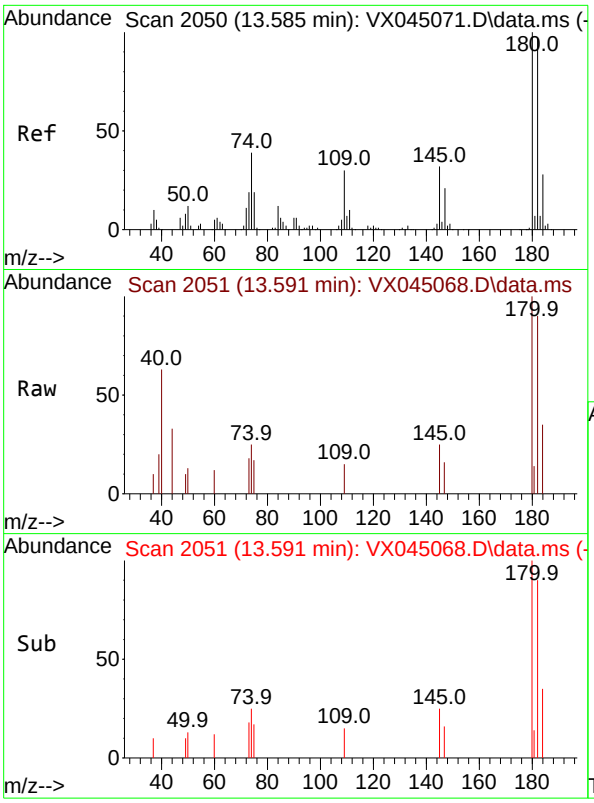


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.859 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 75 Resp: 308

Ion	Ratio	Lower	Upper
75	100		
155	69.2	39.6	118.7
157	78.6	51.1	153.4



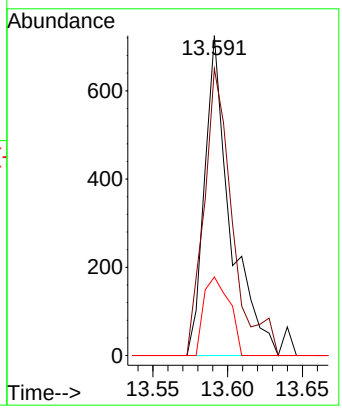


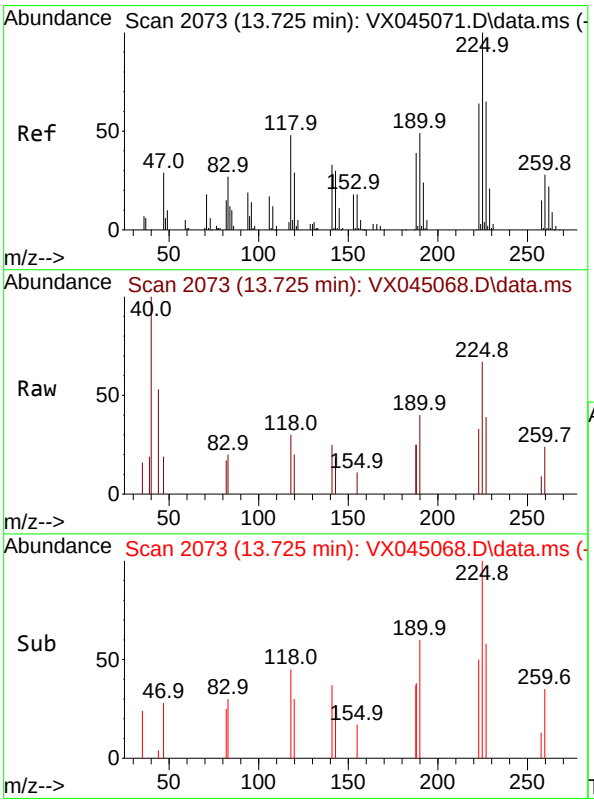
#93
1,2,4-Trichlorobenzene
Concen: 0.706 ug/l
RT: 13.591 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:180 Resp: 866

Ion	Ratio	Lower	Upper
180	100		
182	98.7	47.3	141.9
145	24.5	16.3	48.9

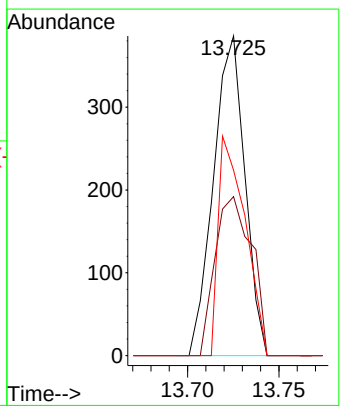


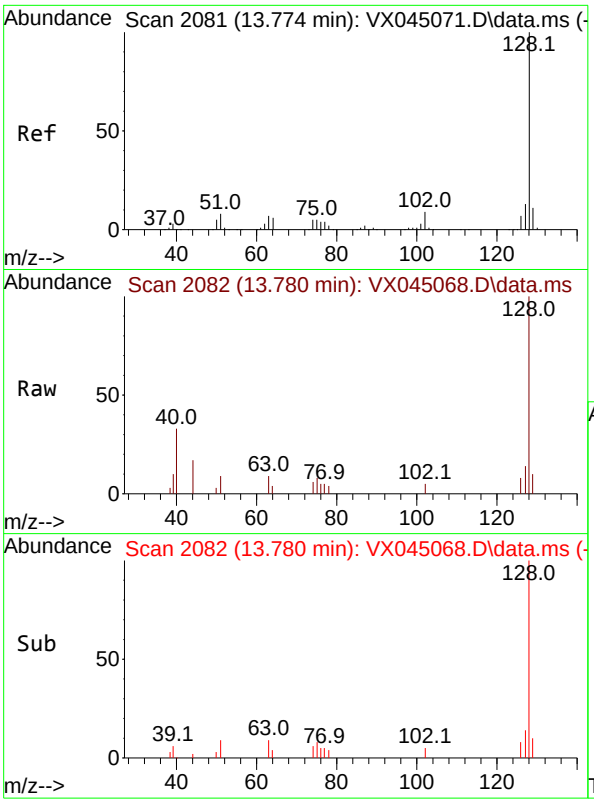


#94
Hexachlorobutadiene
Concen: 0.917 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion:225 Resp: 462

Ion	Ratio	Lower	Upper
225	100		
223	57.8	31.9	95.7
227	58.7	31.4	94.0



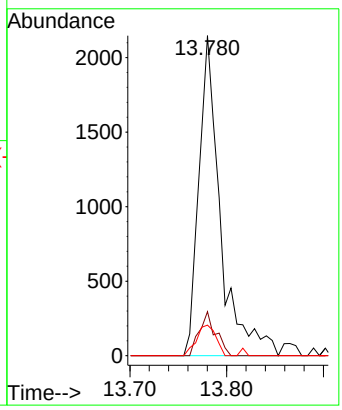


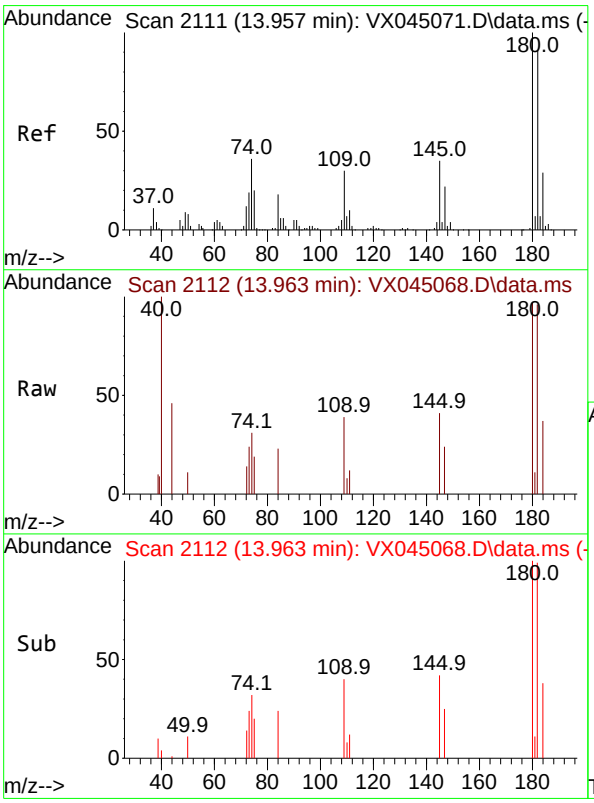
#95
Naphthalene
Concen: 0.707 ug/l
RT: 13.780 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:128 Resp: 3337

Ion	Ratio	Lower	Upper
128	100		
127	10.5	10.3	15.5
129	8.6	8.7	13.1#

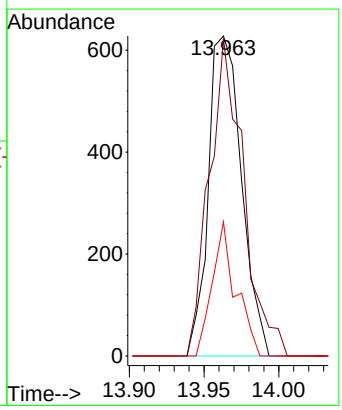




#96
1,2,3-Trichlorobenzene
Concen: 0.759 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion:180 Resp: 969

Ion	Ratio	Lower	Upper
180	100		
182	102.3	47.5	142.6
145	29.8	17.0	50.9



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045069.D
Acq On : 28 Feb 2025 02:13
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Feb 28 05:32:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.544	168	107391	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.757	114	194243	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.055	117	172367	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	73591	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.964	65	8978	5.659	ug/l		0.01
Spiked Amount 50.000	Range 74 - 125		Recovery = 11.320%#				
35) Dibromofluoromethane	5.391	113	6398	5.039	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 10.080%#				
50) Toluene-d8	8.647	98	24037	5.057	ug/l		0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 10.120%#				
62) 4-Bromofluorobenzene	11.079	95	7436	4.685	ug/l		0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 9.360%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.166	85	6941	4.689	ug/l		96
3) Chloromethane	1.307	50	8819	4.896	ug/l		99
4) Vinyl Chloride	1.374	62	8106	4.608	ug/l		94
5) Bromomethane	1.593	94	3620	6.582	ug/l		96
6) Chloroethane	1.660	64	4517	6.746	ug/l		91
7) Trichlorofluoromethane	1.867	101	11392	5.056	ug/l		95
8) Diethyl Ether	2.136	74	4314	5.268	ug/l		99
9) 1,1,2-Trichlorotrifluo...	2.319	101	6586	4.894	ug/l		98
10) Methyl Iodide	2.441	142	6520	3.780	ug/l		95
11) Tert butyl alcohol	2.983	59	7224	24.859	ug/l		99
12) 1,1-Dichloroethene	2.313	96	6658	4.819	ug/l		94
13) Acrolein	2.233	56	8725	27.725	ug/l		97
14) Allyl chloride	2.654	41	11244	4.527	ug/l		96
15) Acrylonitrile	3.068	53	21381	27.072	ug/l		99
16) Acetone	2.386	43	19512	29.891	ug/l		97
17) Carbon Disulfide	2.502	76	16984	4.518	ug/l		99
18) Methyl Acetate	2.703	43	8964	4.559	ug/l		97
19) Methyl tert-butyl Ether	3.117	73	20546	4.651	ug/l		95
20) Methylene Chloride	2.782	84	7835	5.068	ug/l		97
21) trans-1,2-Dichloroethene	3.087	96	6651	4.895	ug/l		94
22) Diisopropyl ether	3.763	45	23151	4.875	ug/l	#	82
23) Vinyl Acetate	3.721	43	88852	22.788	ug/l		98
24) 1,1-Dichloroethane	3.605	63	13132	4.949	ug/l		99
25) 2-Butanone	4.574	43	29277	27.819	ug/l		99
26) 2,2-Dichloropropane	4.471	77	6034	3.059	ug/l		97
27) cis-1,2-Dichloroethene	4.483	96	8012	4.892	ug/l		97
28) Bromochloromethane	4.904	49	6797	5.311	ug/l	#	96
29) Tetrahydrofuran	5.013	42	20186	28.950	ug/l		99
30) Chloroform	5.093	83	13390	5.159	ug/l		96
31) Cyclohexane	5.464	56	10968	4.504	ug/l		95
32) 1,1,1-Trichloroethane	5.385	97	10654	4.876	ug/l		100
36) 1,1-Dichloropropene	5.690	75	8977	4.917	ug/l	#	83
37) Ethyl Acetate	4.727	43	10459	5.035	ug/l		98
38) Carbon Tetrachloride	5.666	117	8997	5.013	ug/l		95
39) Methylcyclohexane	7.379	83	10291	4.414	ug/l		97
40) Benzene	6.037	78	28339	4.966	ug/l		97

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045069.D
Acq On : 28 Feb 2025 02:13
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Feb 28 05:32:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	5700	5.136	ug/l		95
42) 1,2-Dichloroethane	6.092	62	10189	5.510	ug/l		98
43) Isopropyl Acetate	6.348	43	15543	4.700	ug/l		99
44) Trichloroethene	7.129	130	6827	5.234	ug/l		99
45) 1,2-Dichloropropane	7.427	63	7342	5.177	ug/l		95
46) Dibromomethane	7.586	93	5146	5.195	ug/l		97
47) Bromodichloromethane	7.824	83	9773	5.100	ug/l		99
48) Methyl methacrylate	7.696	41	8201	5.224	ug/l		95
49) 1,4-Dioxane	7.665	88	3531	105.826	ug/l		95
51) 4-Methyl-2-Pentanone	8.574	43	55320	27.303	ug/l		99
52) Toluene	8.720	92	16933	4.997	ug/l		99
53) t-1,3-Dichloropropene	8.982	75	7548	3.985	ug/l		94
54) cis-1,3-Dichloropropene	8.366	75	8988	4.244	ug/l		92
55) 1,1,2-Trichloroethane	9.153	97	6759	5.151	ug/l		97
56) Ethyl methacrylate	9.116	69	9712	4.628	ug/l		98
57) 1,3-Dichloropropane	9.305	76	12106	5.289	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	23212	22.527	ug/l		99
59) 2-Hexanone	9.433	43	39994	27.363	ug/l		99
60) Dibromochloromethane	9.519	129	6785	4.846	ug/l		98
61) 1,2-Dibromoethane	9.610	107	6832	5.161	ug/l		95
64) Tetrachloroethene	9.269	164	5615	5.128	ug/l		93
65) Chlorobenzene	10.079	112	18161	4.908	ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.159	131	5702	4.781	ug/l		96
67) Ethyl Benzene	10.195	91	30918	4.725	ug/l		98
68) m/p-Xylenes	10.299	106	23152	9.608	ug/l		97
69) o-Xylene	10.640	106	11881	4.914	ug/l		95
70) Styrene	10.659	104	18278	4.704	ug/l		99
71) Bromoform	10.799	173	4027	4.541	ug/l	#	98
73) Isopropylbenzene	10.963	105	29685	4.991	ug/l		98
74) N-amyl acetate	10.848	43	11609	4.300	ug/l		97
75) 1,1,2,2-Tetrachloroethane	11.213	83	10881	5.310	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	10159	6.189	ug/l		89
77) Bromobenzene	11.195	156	6970	5.163	ug/l		96
78) n-propylbenzene	11.305	91	32196	4.694	ug/l		99
79) 2-Chlorotoluene	11.366	91	21253	5.048	ug/l		98
80) 1,3,5-Trimethylbenzene	11.451	105	23627	4.897	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	1971	3.256	ug/l	#	83
82) 4-Chlorotoluene	11.457	91	22190	4.761	ug/l		98
83) tert-Butylbenzene	11.713	119	23960	4.910	ug/l		97
84) 1,2,4-Trimethylbenzene	11.750	105	23561	4.960	ug/l		99
85) sec-Butylbenzene	11.890	105	28314	4.687	ug/l		99
86) p-Isopropyltoluene	12.006	119	21977	4.532	ug/l		97
87) 1,3-Dichlorobenzene	11.969	146	12157	4.926	ug/l		98
88) 1,4-Dichlorobenzene	12.042	146	12526	5.014	ug/l		96
89) n-Butylbenzene	12.335	91	17358	4.072	ug/l		99
90) Hexachloroethane	12.536	117	3665	4.052	ug/l		96
91) 1,2-Dichlorobenzene	12.335	146	12477	5.138	ug/l		95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1787	4.712	ug/l		90
93) 1,2,4-Trichlorobenzene	13.591	180	6040	4.114	ug/l		97
94) Hexachlorobutadiene	13.725	225	2716	4.640	ug/l		97
95) Naphthalene	13.780	128	22927	4.287	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	6600	4.437	ug/l		98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045069.D
Acq On : 28 Feb 2025 02:13
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Feb 28 05:32:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration

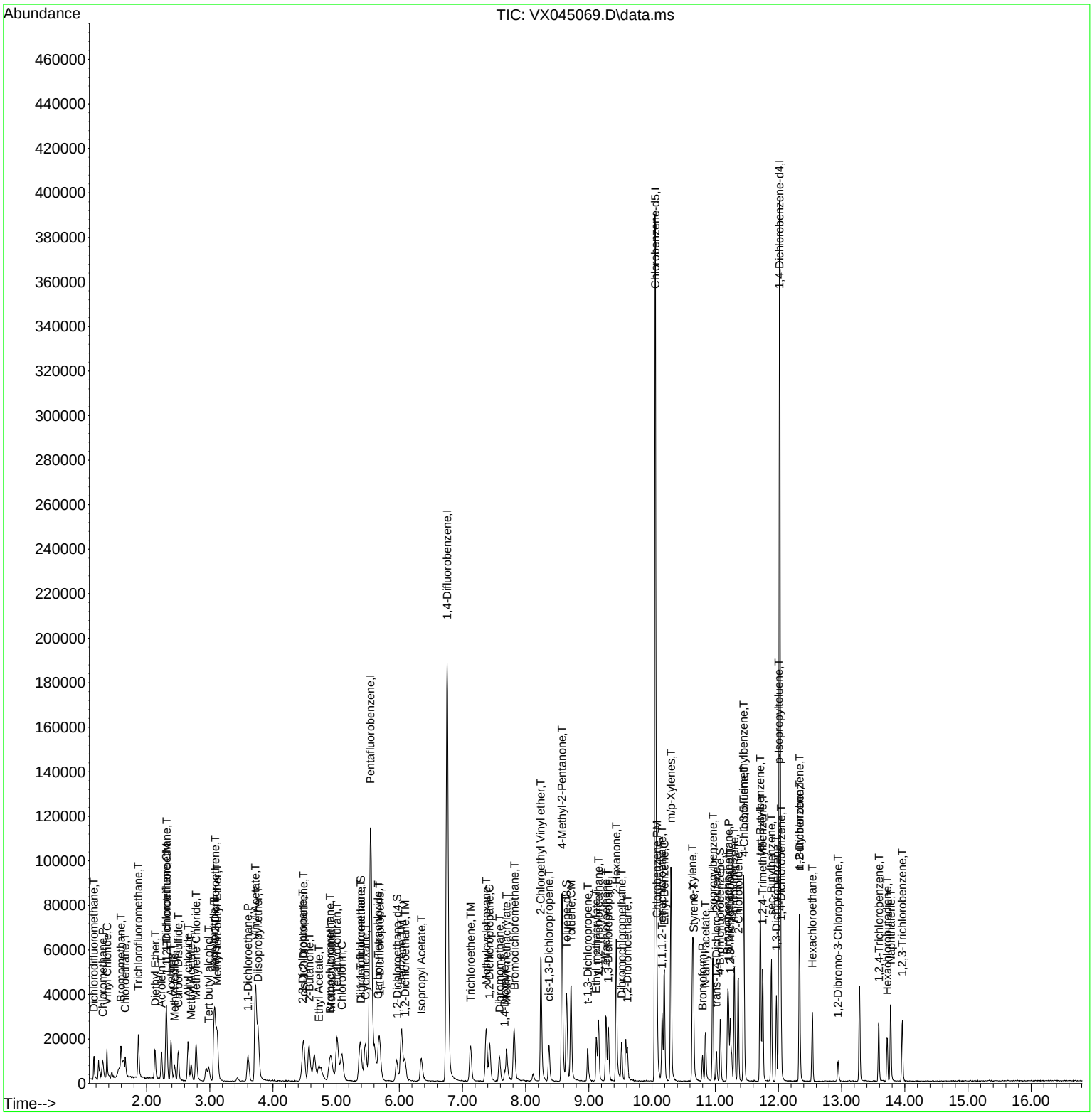
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

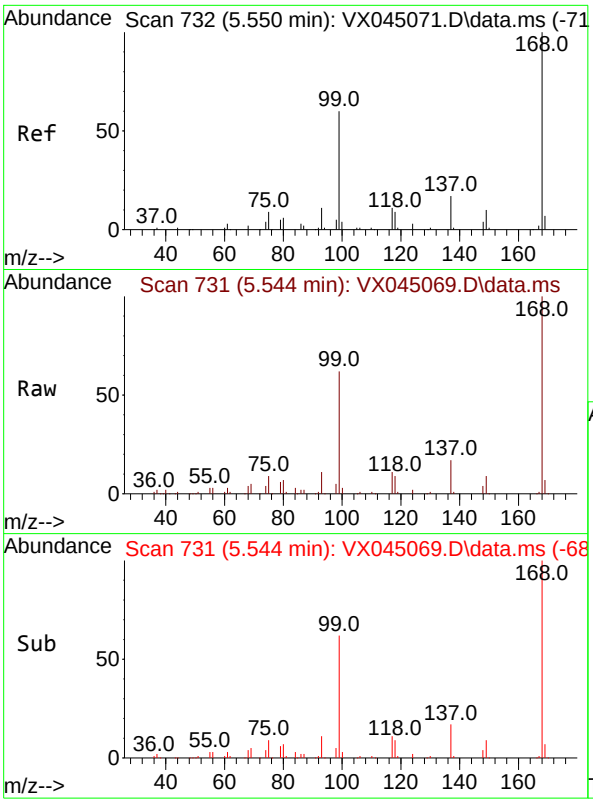
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045069.D
Acq On : 28 Feb 2025 02:13
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Feb 28 05:32:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration



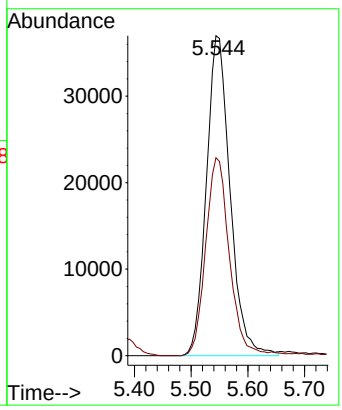


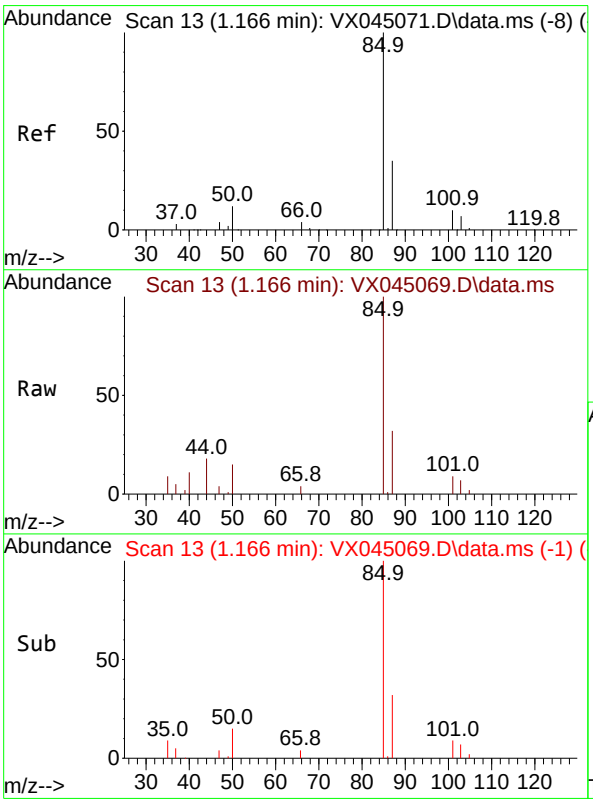
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:168 Resp: 107391

Ion	Ratio	Lower	Upper
168	100		
99	61.8	48.2	72.4

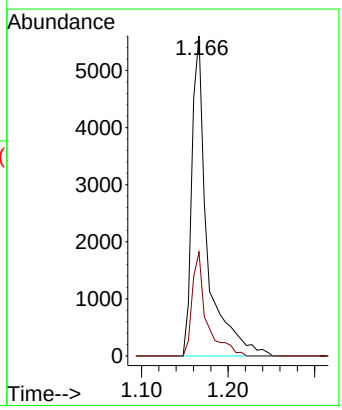


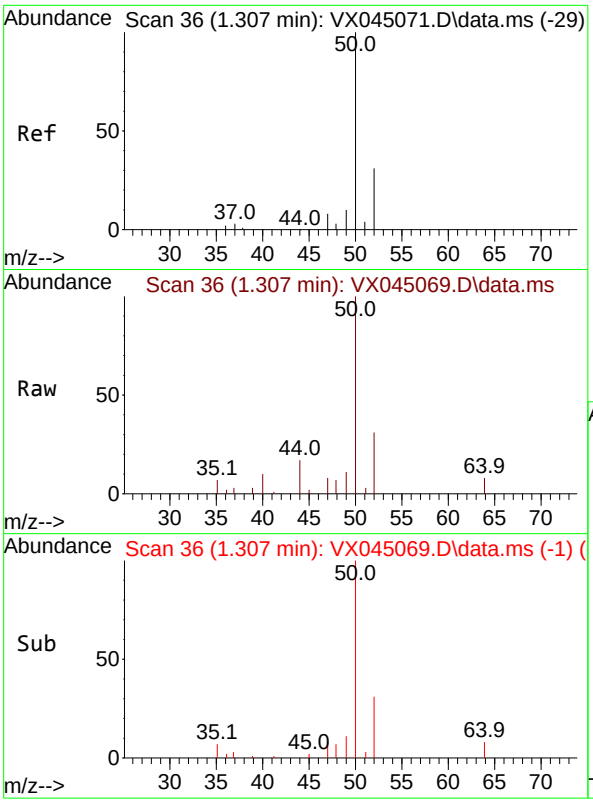


#2
Dichlorodifluoromethane
Concen: 4.689 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 85 Resp: 6941

Ion	Ratio	Lower	Upper
85	100		
87	32.4	17.4	52.3



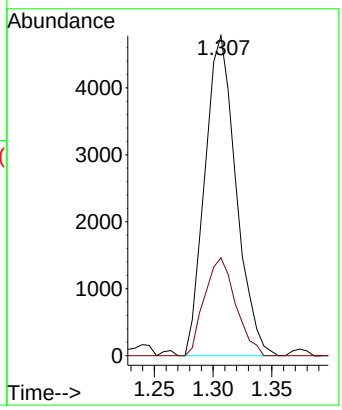


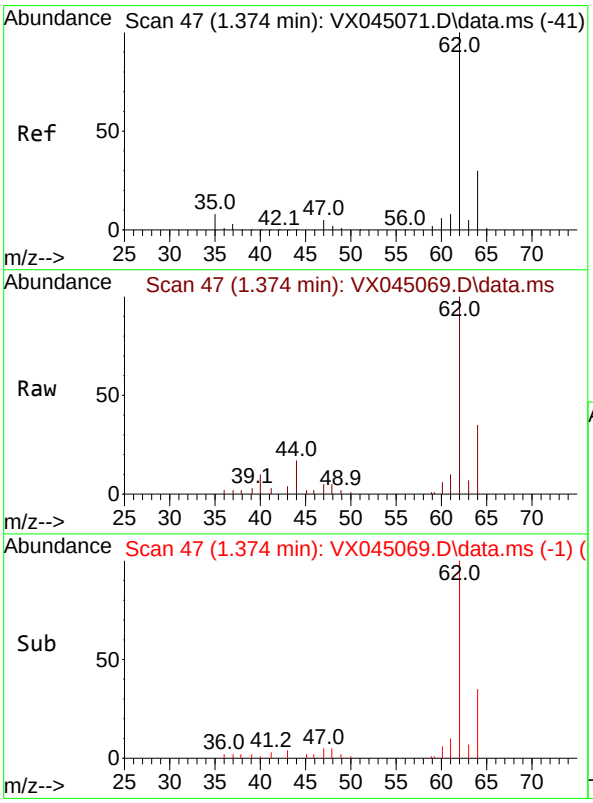
#3
Chloromethane
Concen: 4.896 ug/l
RT: 1.307 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 50 Resp: 8819

Ion	Ratio	Lower	Upper
50	100		
52	30.6	25.0	37.4

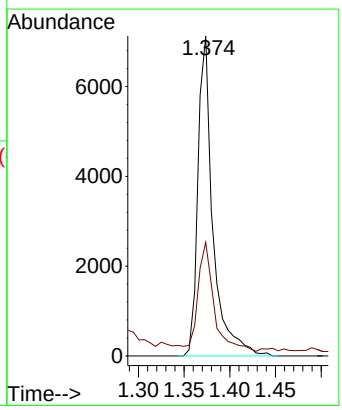


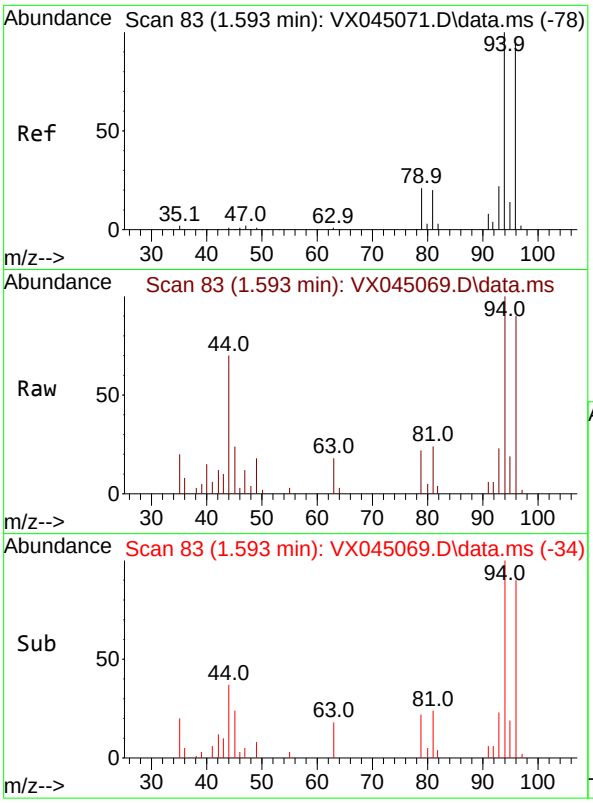


#4
Vinyl Chloride
Concen: 4.608 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 62 Resp: 8106

Ion	Ratio	Lower	Upper
62	100		
64	33.9	24.3	36.5



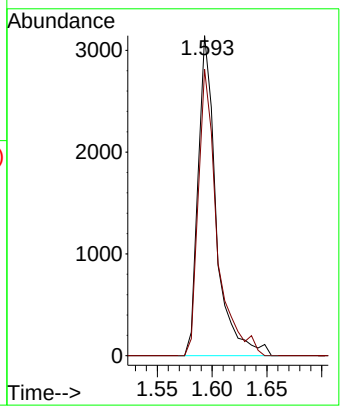


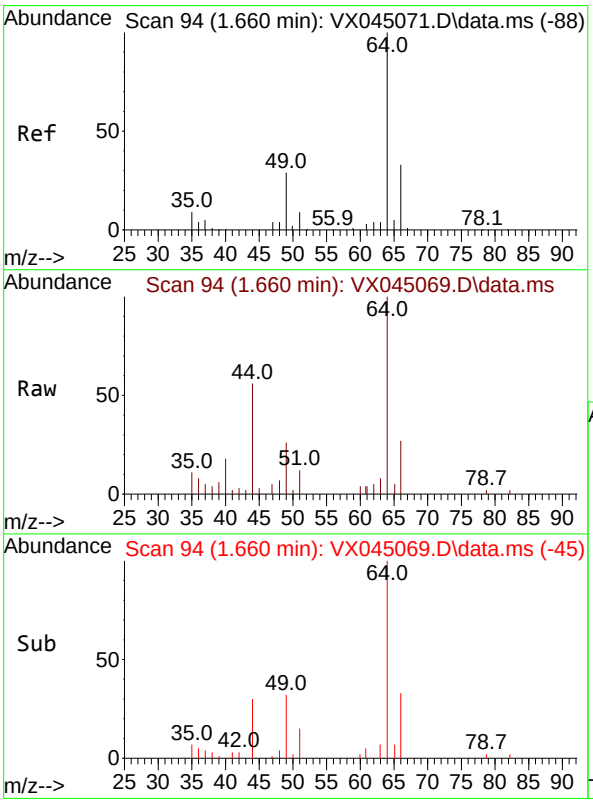
#5
Bromomethane
Concen: 6.582 ug/l
RT: 1.593 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 94 Resp: 3620

Ion	Ratio	Lower	Upper
94	100		
96	89.5	75.0	112.4

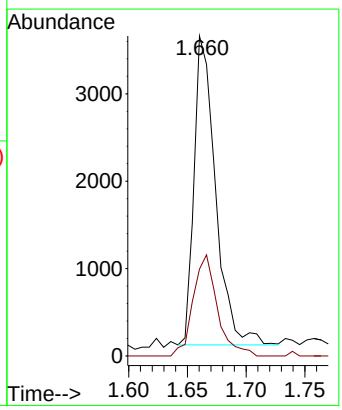


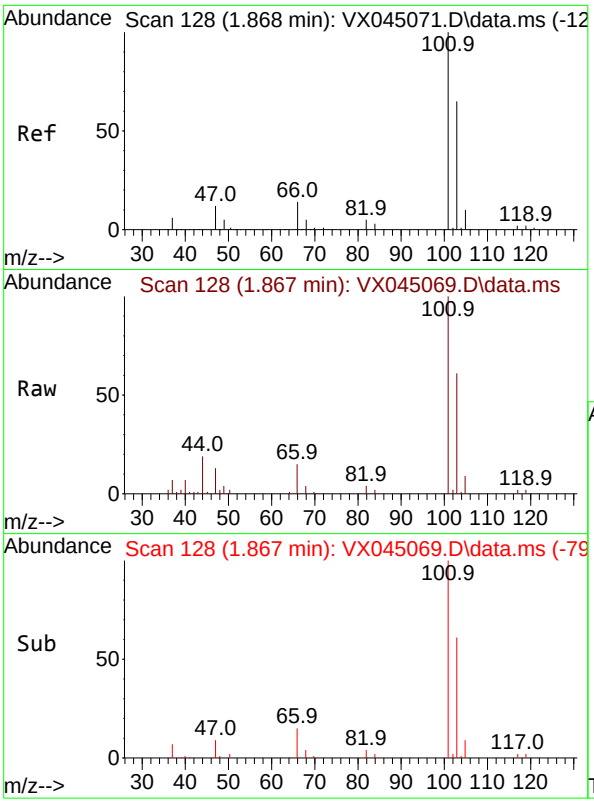


#6
Chloroethane
Concen: 6.746 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 64 Resp: 4517

Ion	Ratio	Lower	Upper
64	100		
66	28.1	26.7	40.1



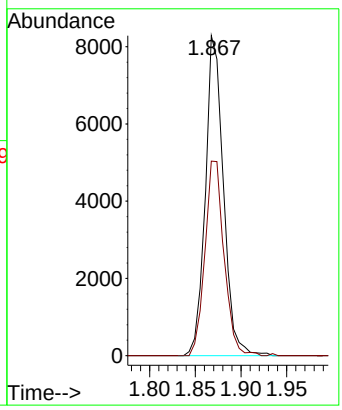


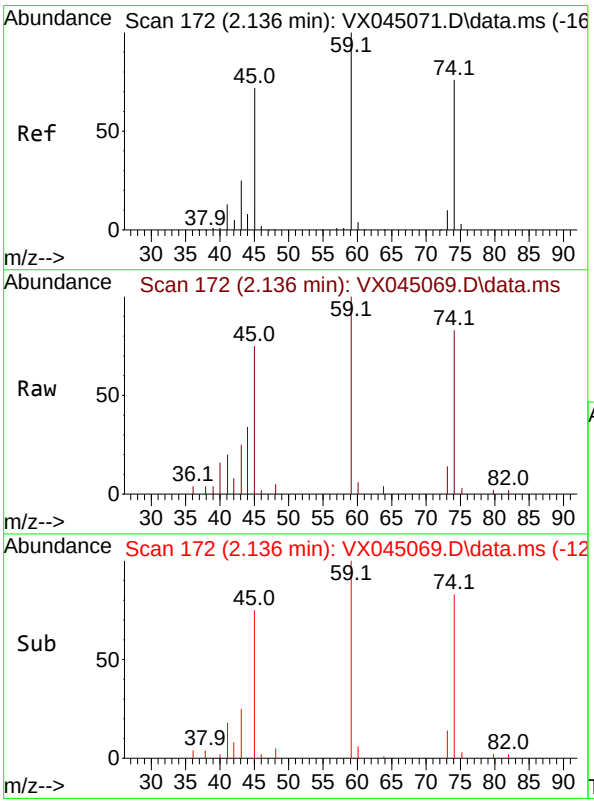
#7
Trichlorofluoromethane
Concen: 5.056 ug/l
RT: 1.867 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 11392

Ion	Ratio	Lower	Upper
101	100		
103	60.8	52.1	78.1

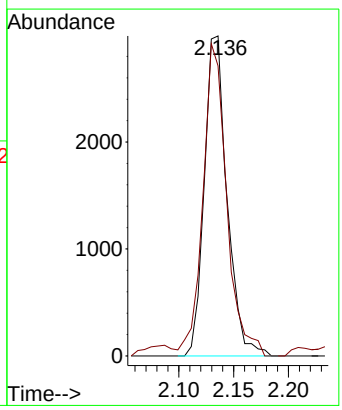


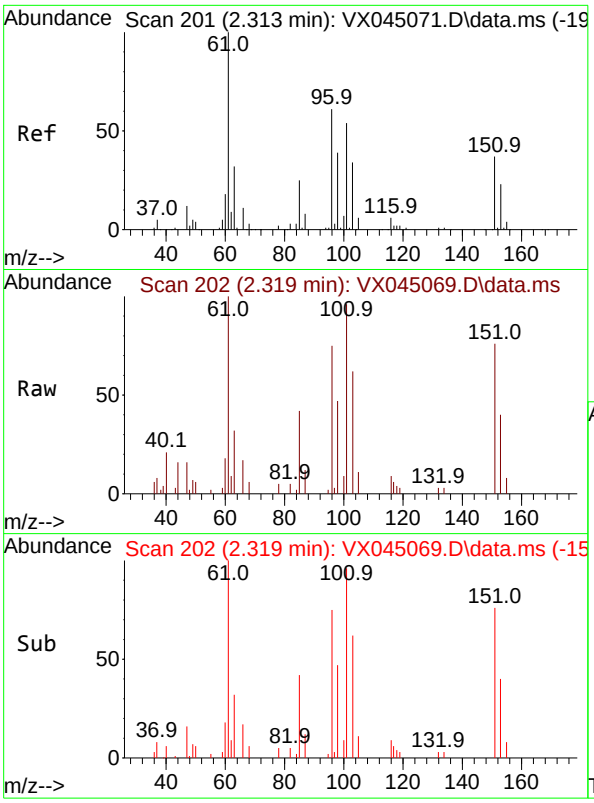


#8
Diethyl Ether
Concen: 5.268 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 74 Resp: 4314

Ion	Ratio	Lower	Upper
74	100		
45	101.9	51.5	154.5



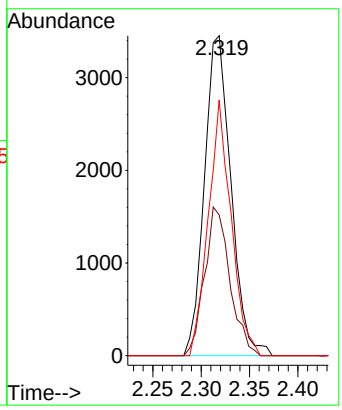


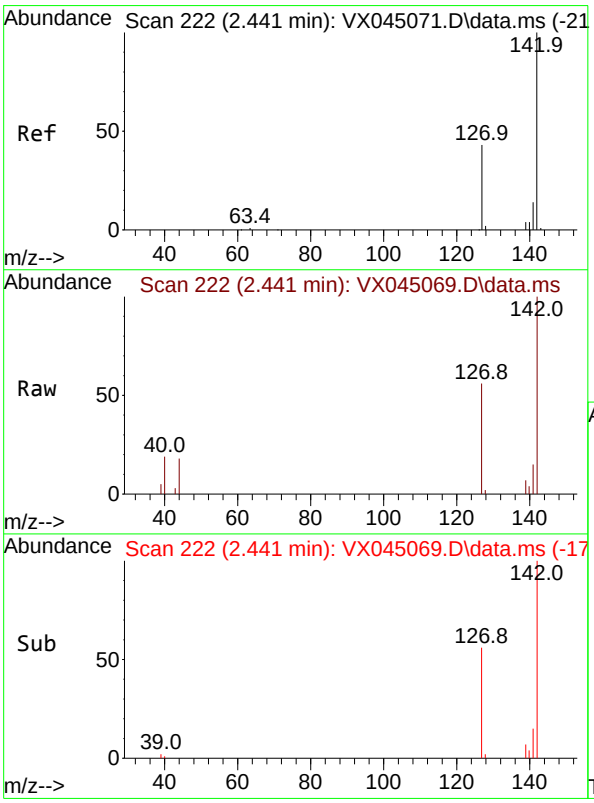
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.894 ug/l
RT: 2.319 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 6586

Ion	Ratio	Lower	Upper
101	100		
85	44.4	36.2	54.4
151	69.0	56.4	84.6

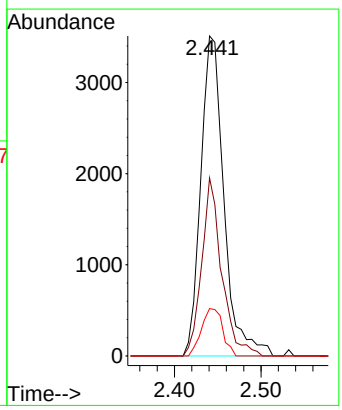


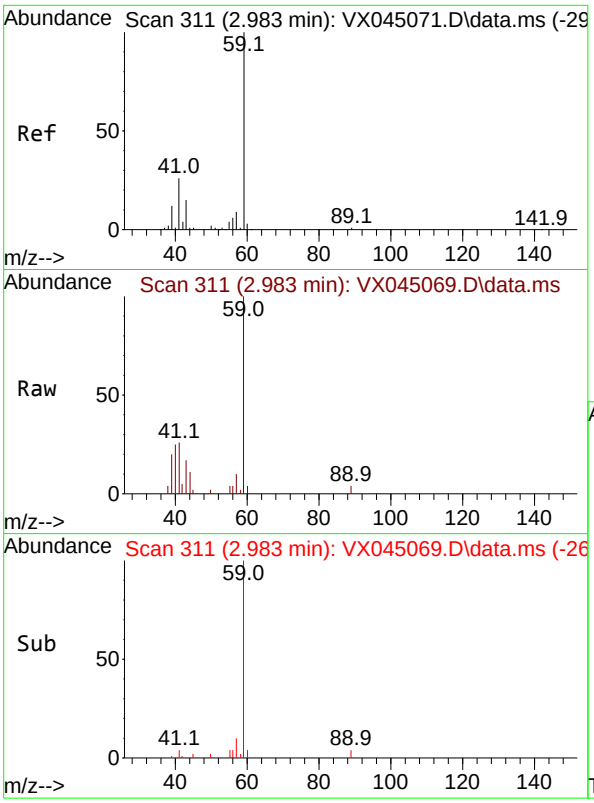


#10
Methyl Iodide
Concen: 3.780 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion:142 Resp: 6520

Ion	Ratio	Lower	Upper
142	100		
127	48.1	35.4	53.2
141	13.5	11.6	17.4



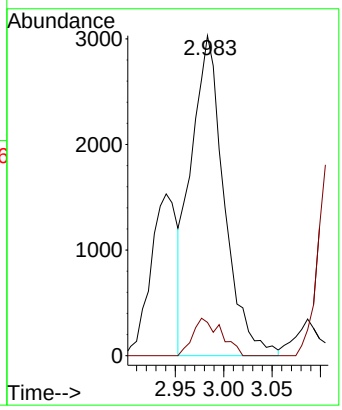


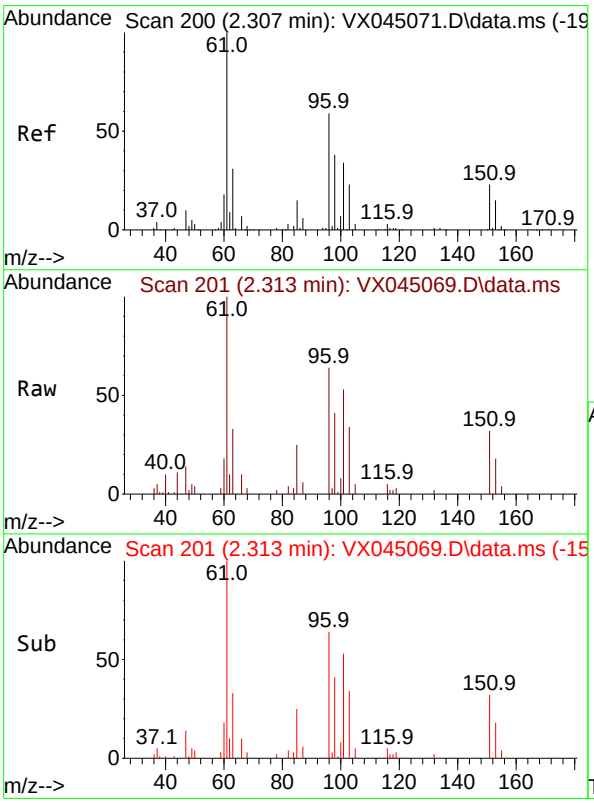
#11
Tert butyl alcohol
Concen: 24.859 ug/l
RT: 2.983 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 59 Resp: 7224

Ion	Ratio	Lower	Upper
59	100		
57	10.1	7.8	11.8

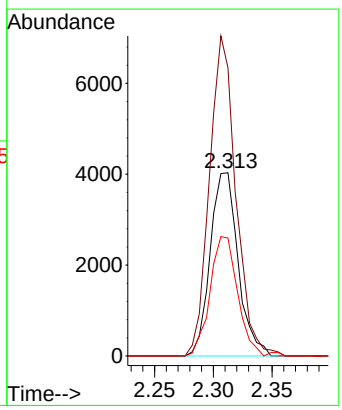


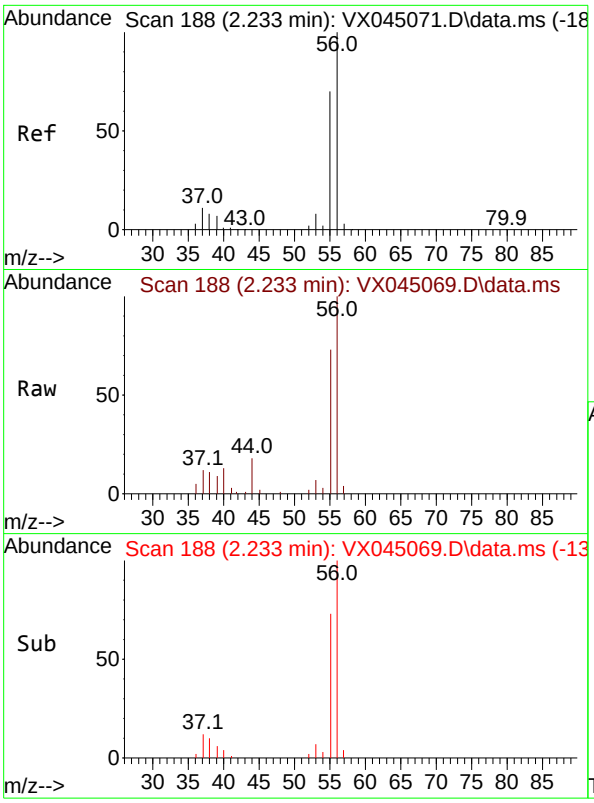


#12
1,1-Dichloroethene
Concen: 4.819 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 96 Resp: 6658

Ion	Ratio	Lower	Upper
96	100		
61	157.3	134.6	202.0
98	64.3	51.0	76.6



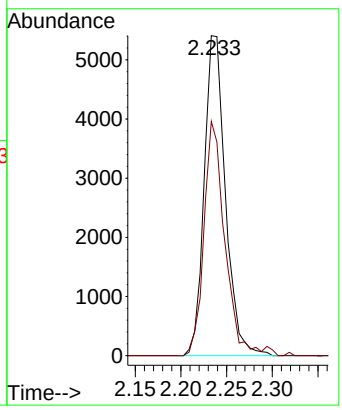


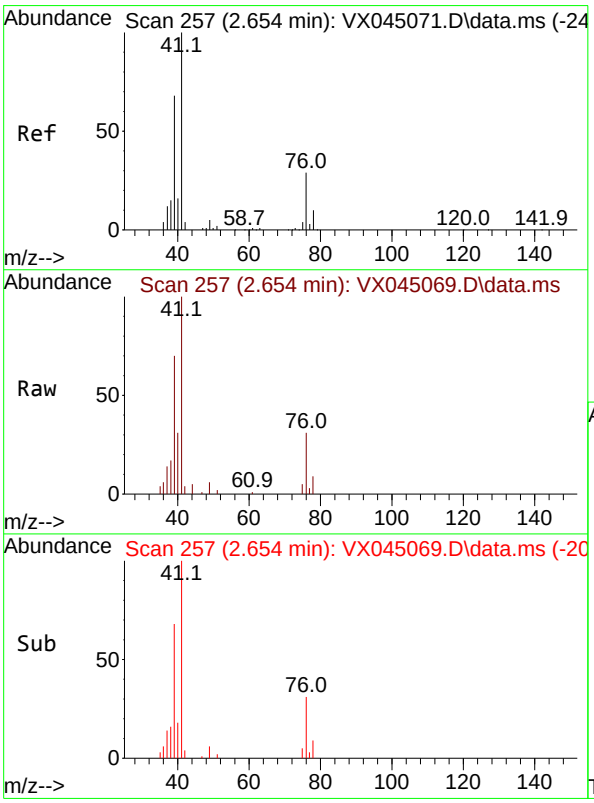
#13
Acrolein
Concen: 27.725 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 56 Resp: 8725

Ion	Ratio	Lower	Upper
56	100		
55	72.4	56.2	84.4

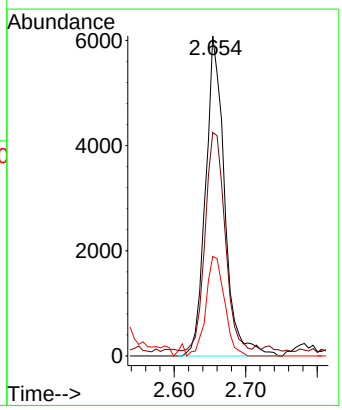


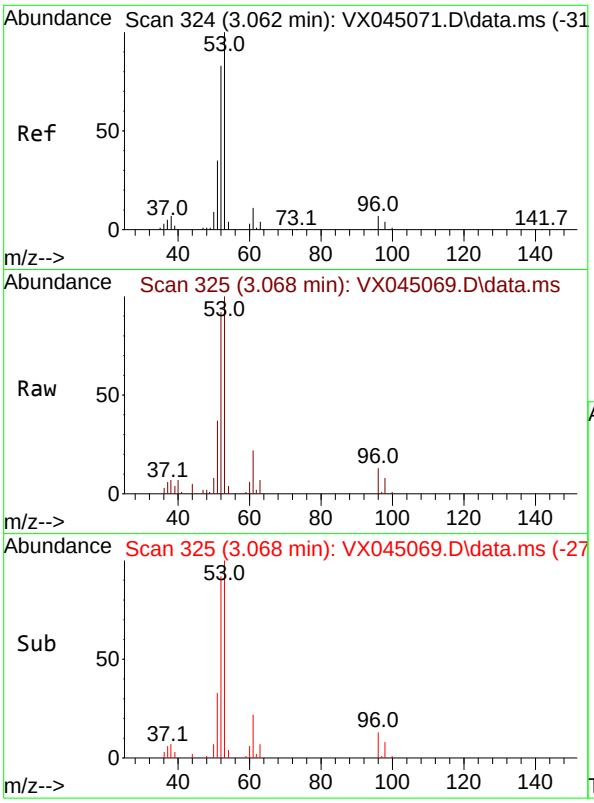


#14
Allyl chloride
Concen: 4.527 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 41 Resp: 11244

Ion	Ratio	Lower	Upper
41	100		
39	70.8	53.8	80.8
76	30.4	25.2	37.8



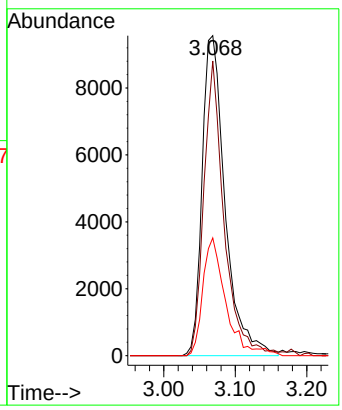


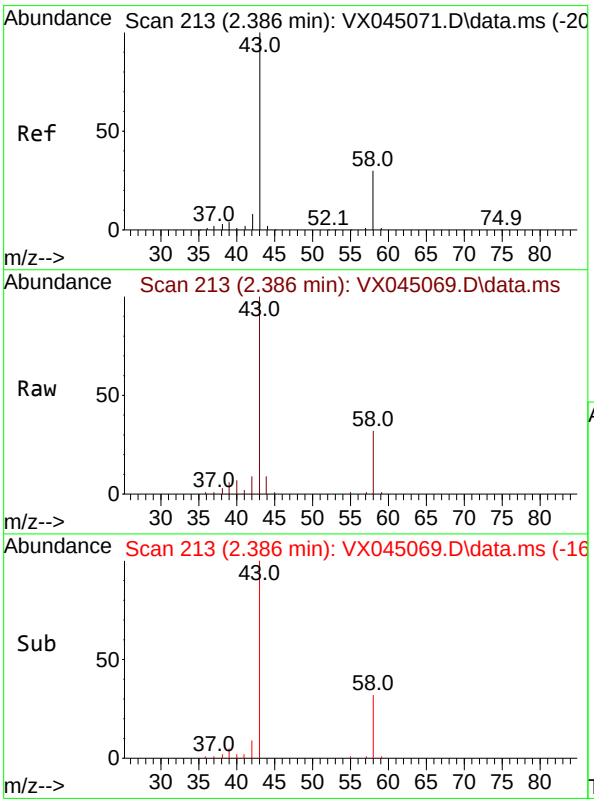
#15
Acrylonitrile
Concen: 27.072 ug/l
RT: 3.068 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 53 Resp: 21381

Ion	Ratio	Lower	Upper
53	100		
52	81.1	66.2	99.2
51	36.7	29.0	43.4

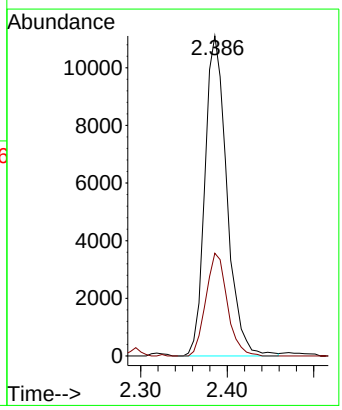


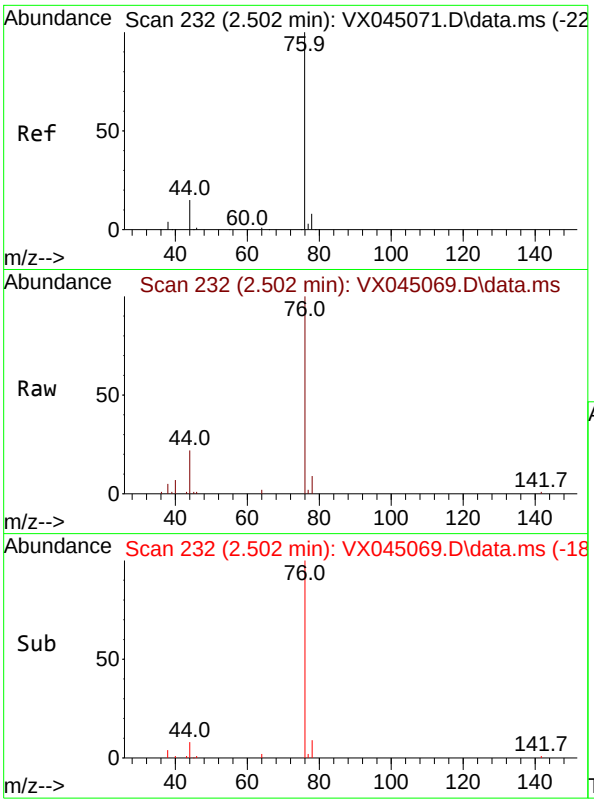


#16
Acetone
Concen: 29.891 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 43 Resp: 19512

Ion	Ratio	Lower	Upper
43	100		
58	32.1	24.2	36.4



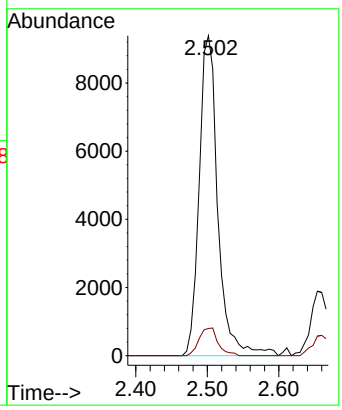


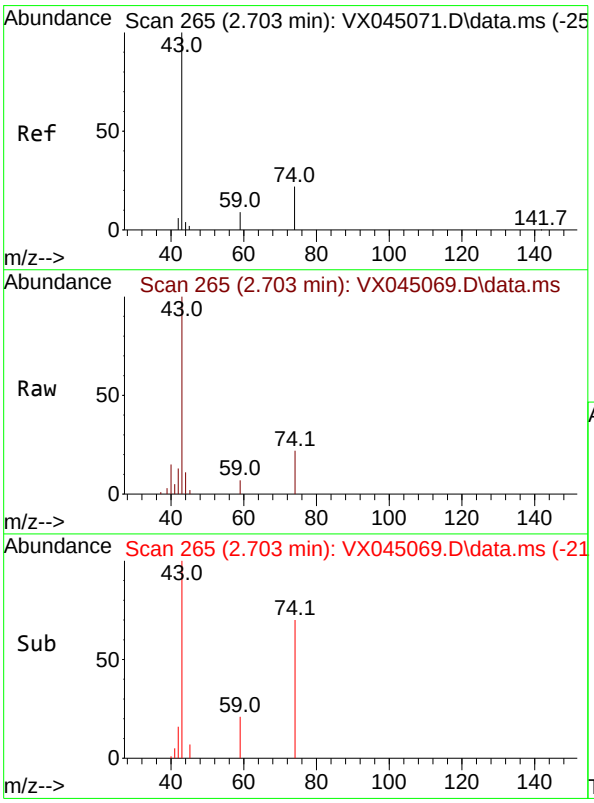
#17
Carbon Disulfide
Concen: 4.518 ug/l
RT: 2.502 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 76 Resp: 16984

Ion	Ratio	Lower	Upper
76	100		
78	8.5	6.6	9.8

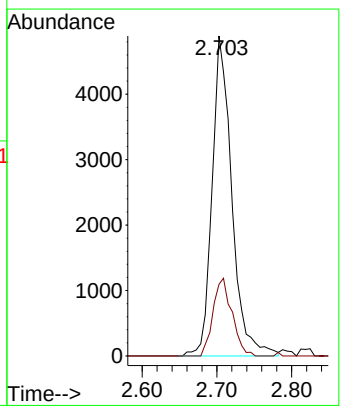


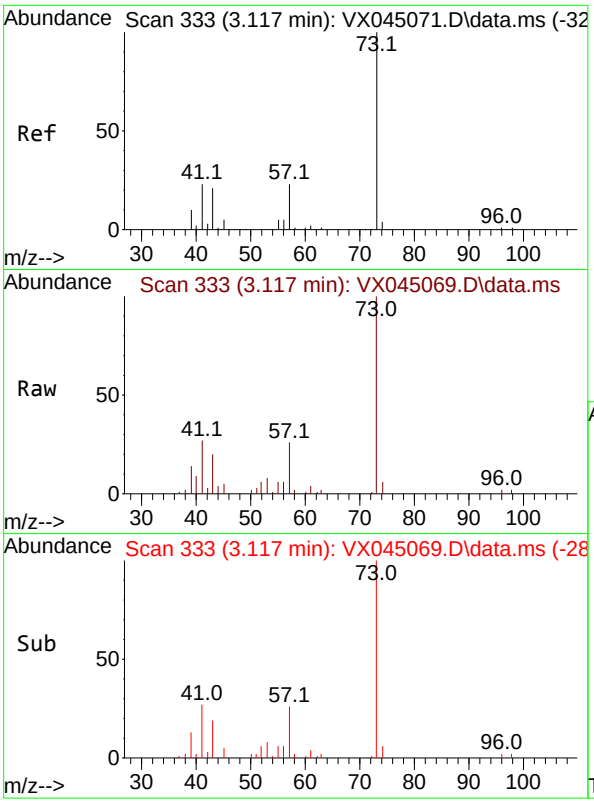


#18
Methyl Acetate
Concen: 4.559 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 43 Resp: 8964

Ion	Ratio	Lower	Upper
43	100		
74	23.3	17.4	26.2



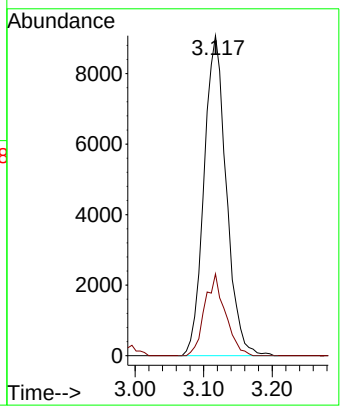


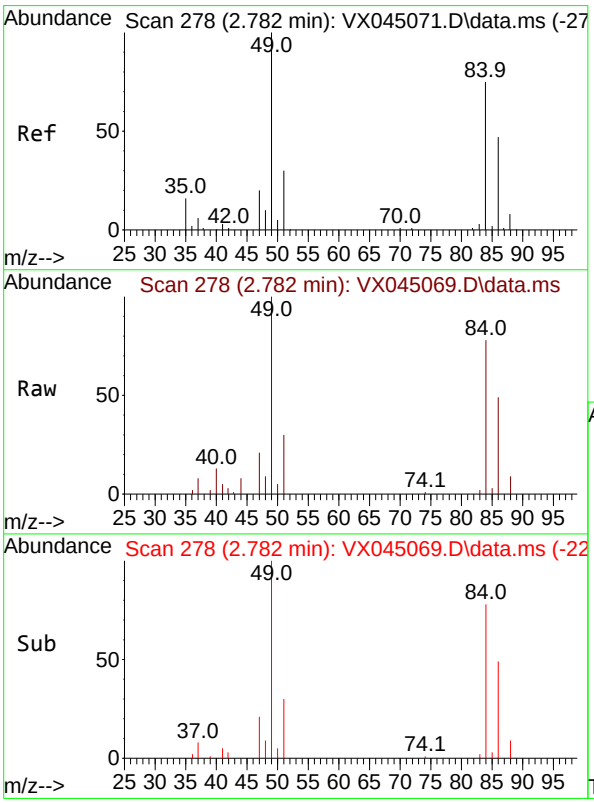
#19
Methyl tert-butyl Ether
Concen: 4.651 ug/l
RT: 3.117 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 73 Resp: 20546

Ion	Ratio	Lower	Upper
73	100		
57	25.6	18.5	27.7

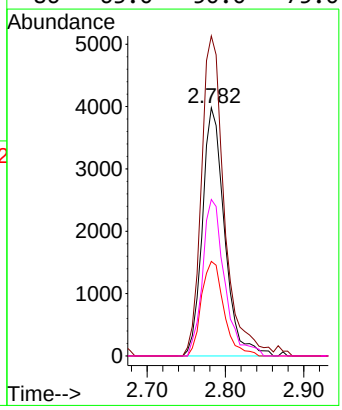


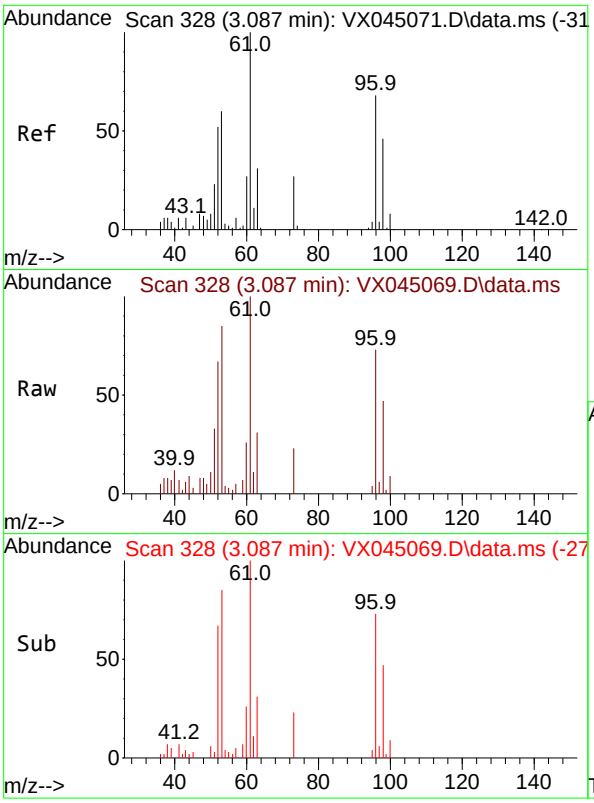


#20
Methylene Chloride
Concen: 5.068 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 84 Resp: 7835

Ion	Ratio	Lower	Upper
84	100		
49	128.9	106.5	159.7
51	38.1	32.1	48.1
86	63.0	50.0	75.0



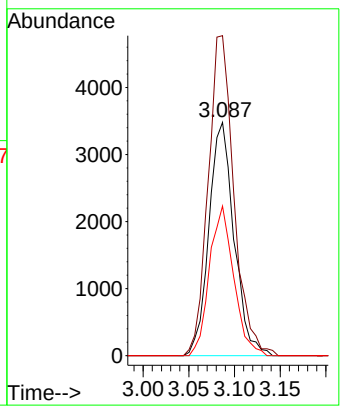


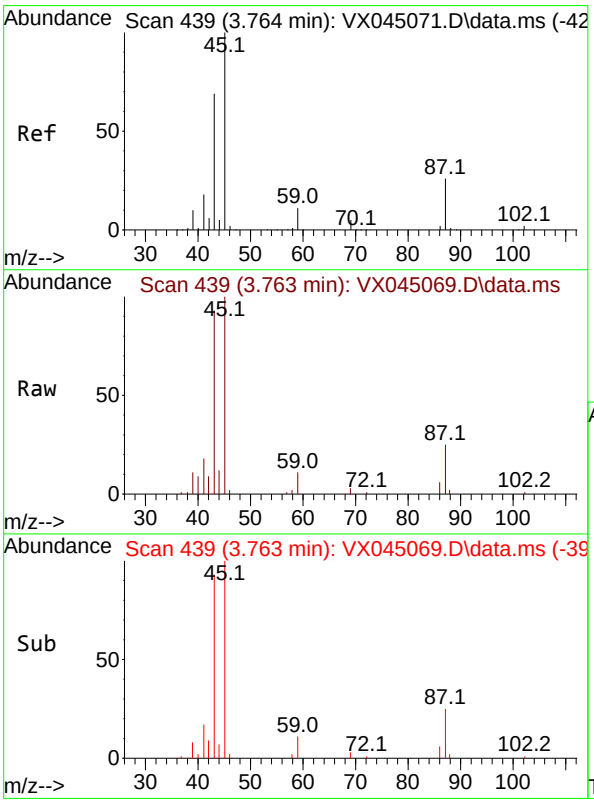
#21
trans-1,2-Dichloroethene
Concen: 4.895 ug/l
RT: 3.087 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 96 Resp: 6651

Ion	Ratio	Lower	Upper
96	100		
61	137.2	117.0	175.4
98	64.1	53.4	80.2

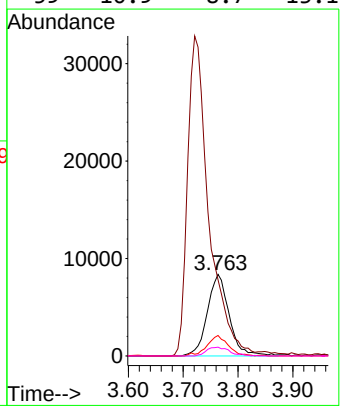


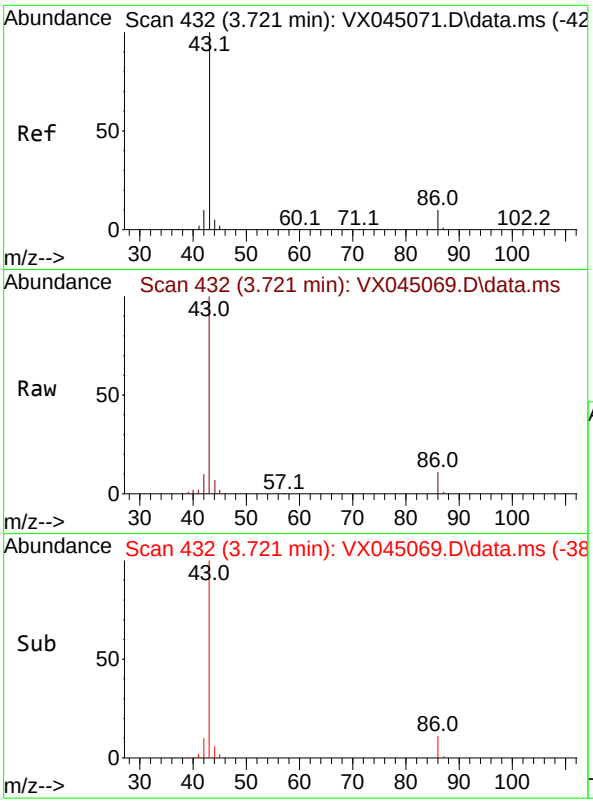


#22
Diisopropyl ether
Concen: 4.875 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 45 Resp: 23151

Ion	Ratio	Lower	Upper
45	100		
43	90.2	54.9	82.3#
87	25.1	21.0	31.4
59	10.9	8.7	13.1



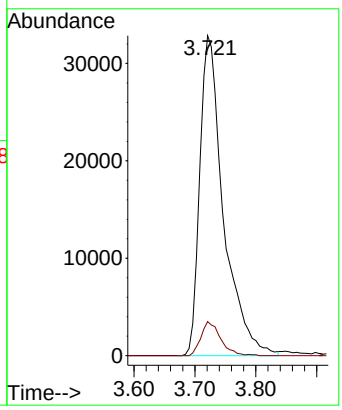


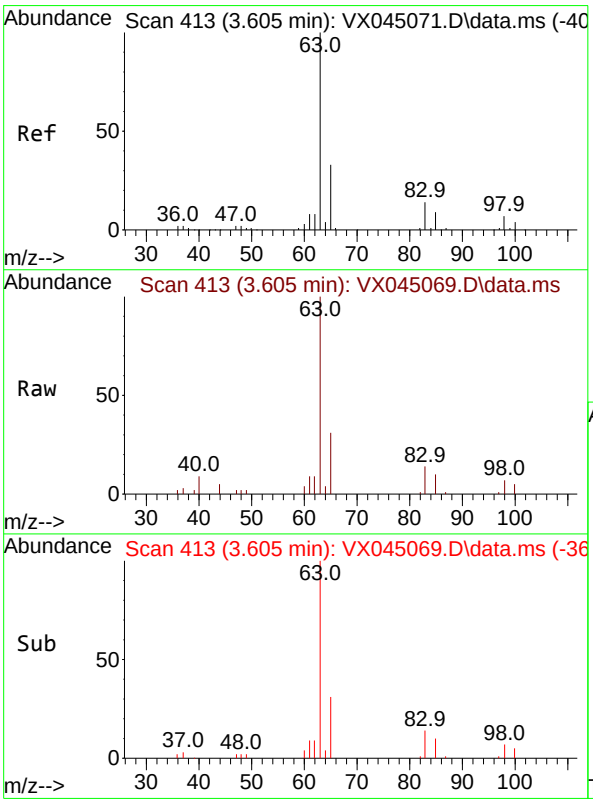
#23
Vinyl Acetate
Concen: 22.788 ug/l
RT: 3.721 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 88852

Ion	Ratio	Lower	Upper
43	100		
86	10.7	8.1	12.1

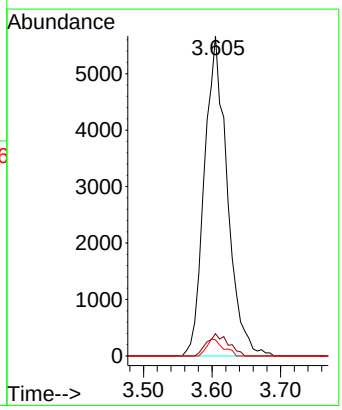


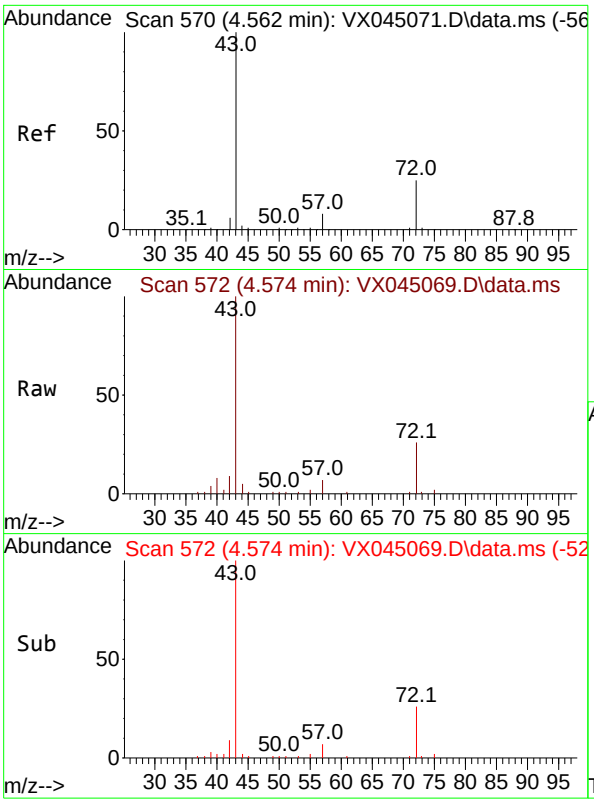


#24
1,1-Dichloroethane
Concen: 4.949 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 63 Resp: 13132

Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.4	10.2
100	5.1	2.1	6.5



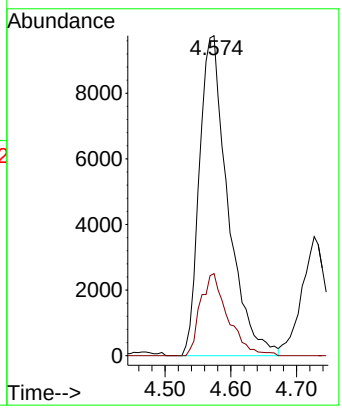


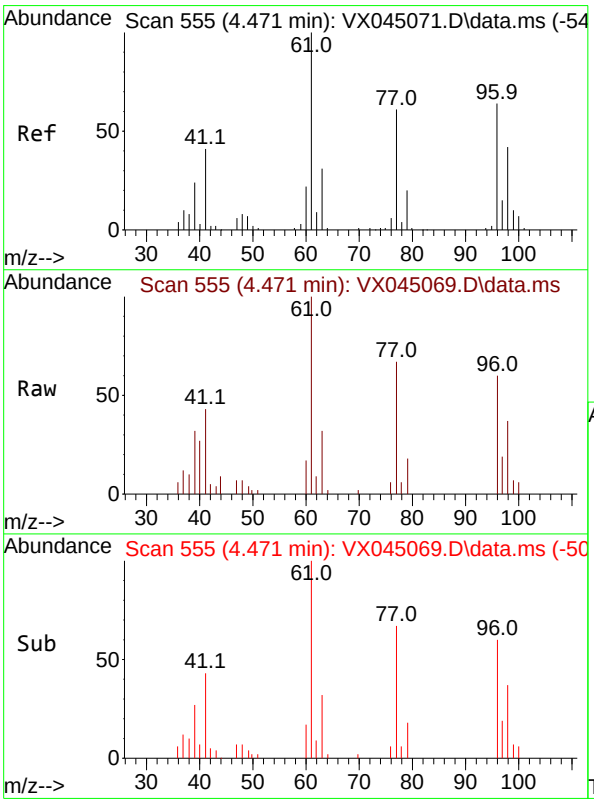
#25
2-Butanone
Concen: 27.819 ug/l
RT: 4.574 min Scan# 5
Delta R.T. 0.012 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 29277

Ion	Ratio	Lower	Upper
43	100		
72	25.7	20.0	30.0

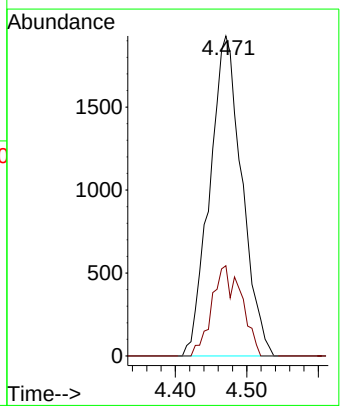


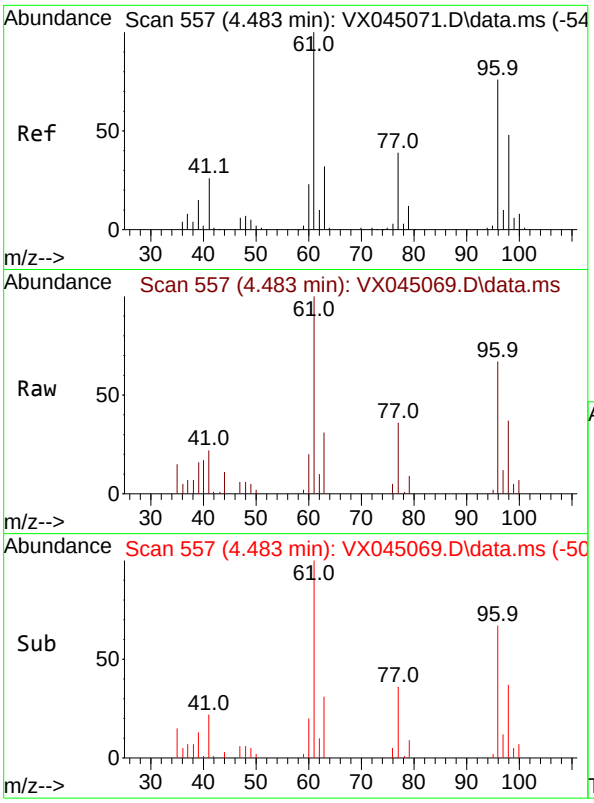


#26
2,2-Dichloropropane
Concen: 3.059 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 77 Resp: 6034

Ion	Ratio	Lower	Upper
77	100		
97	26.0	12.4	37.0



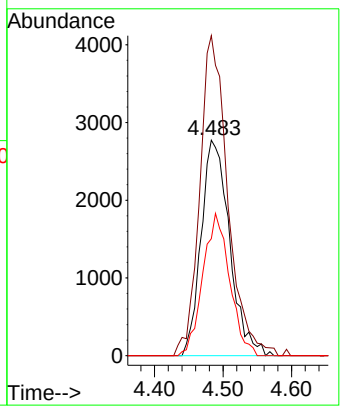


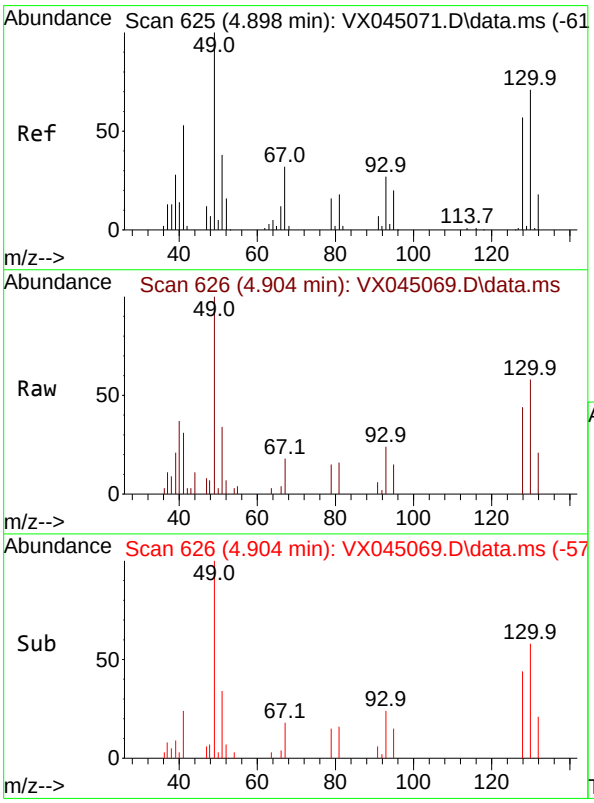
#27
cis-1,2-Dichloroethene
Concen: 4.892 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 96 Resp: 8012

Ion	Ratio	Lower	Upper
96	100		
61	146.1	0.0	283.2
98	62.0	0.0	128.0

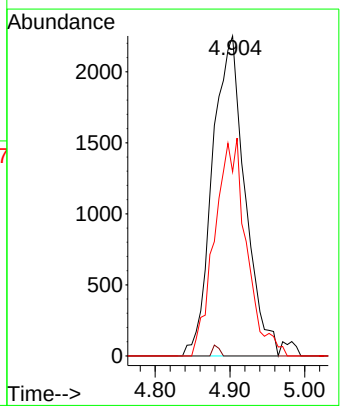


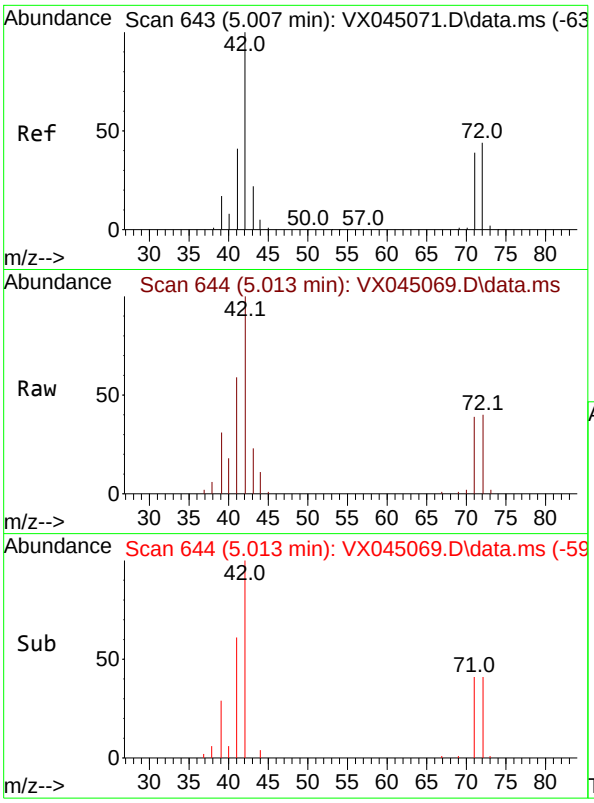


#28
Bromochloromethane
Concen: 5.311 ug/l
RT: 4.904 min Scan# 626
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 49 Resp: 6797

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.4
130	66.5	56.1	84.1



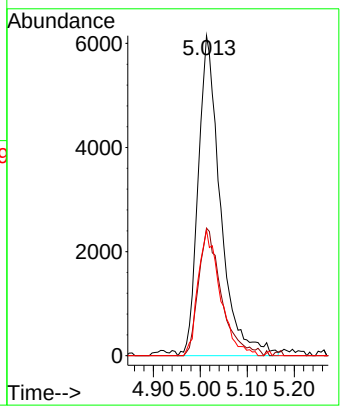


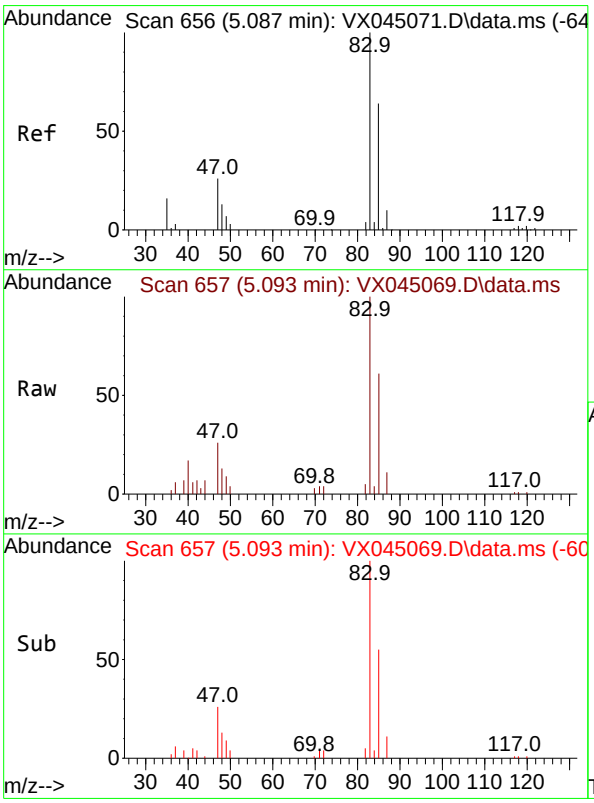
#29
Tetrahydrofuran
Concen: 28.950 ug/l
RT: 5.013 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 42 Resp: 20186

Ion	Ratio	Lower	Upper
42	100		
72	41.2	34.1	51.1
71	39.3	31.4	47.0

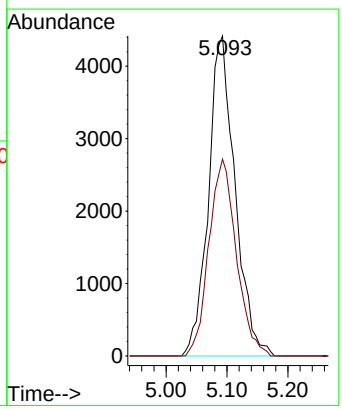


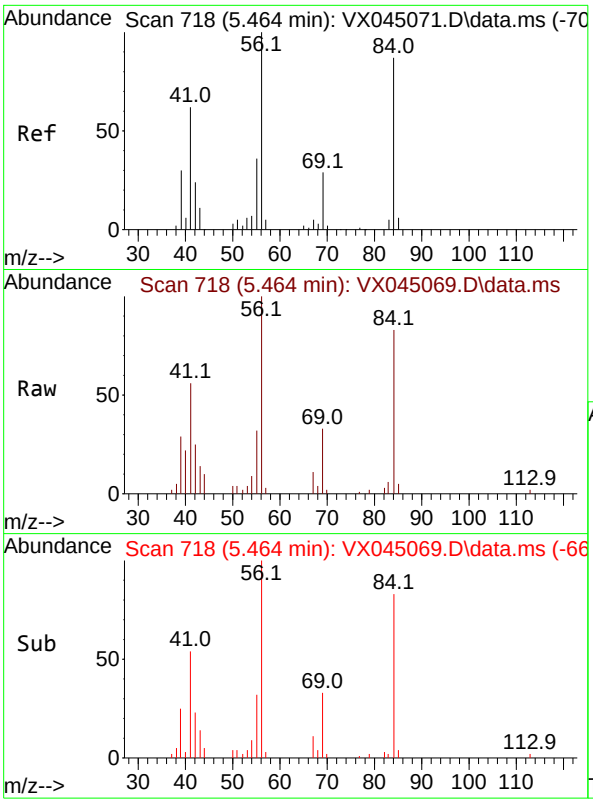


#30
Chloroform
Concen: 5.159 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 83 Resp: 13390

Ion	Ratio	Lower	Upper
83	100		
85	61.5	51.4	77.2



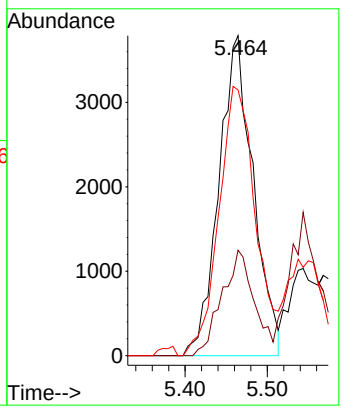


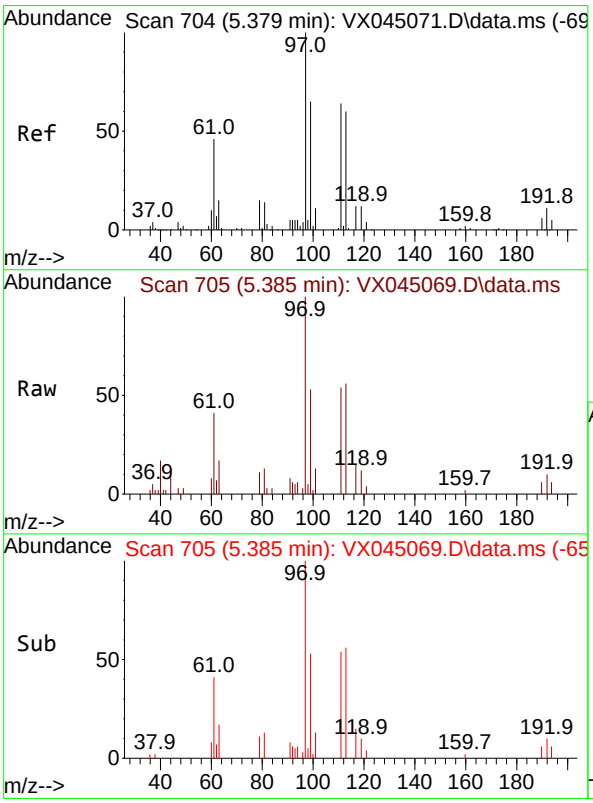
#31
Cyclohexane
Concen: 4.504 ug/l
RT: 5.464 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 56 Resp: 10968

Ion	Ratio	Lower	Upper
56	100		
69	33.0	23.4	35.2
84	83.1	69.4	104.2

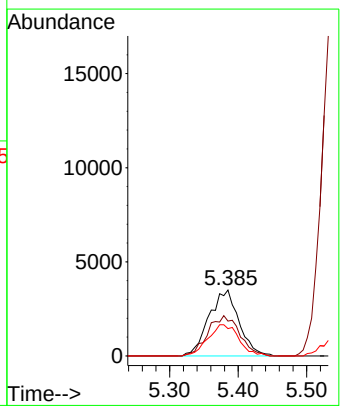


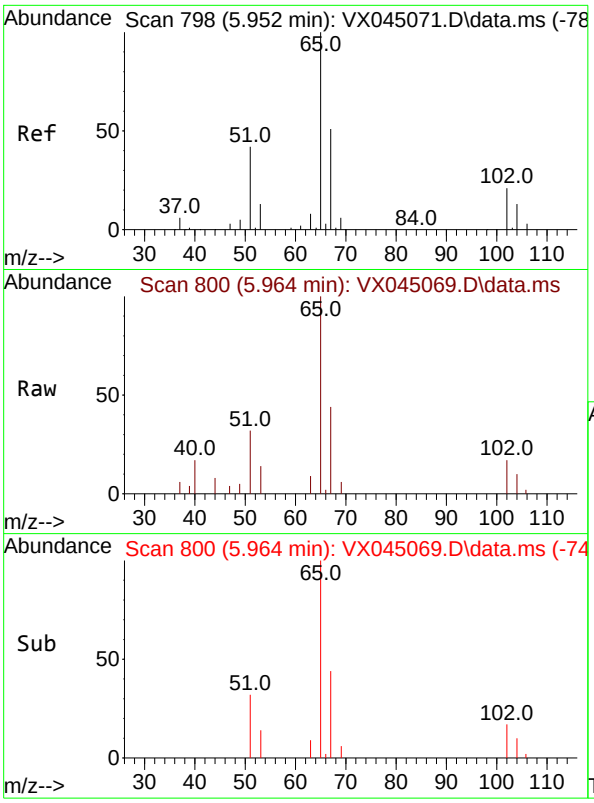


#32
1,1,1-Trichloroethane
Concen: 4.876 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 97 Resp: 10654

Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.6	77.4
61	48.7	38.4	57.6



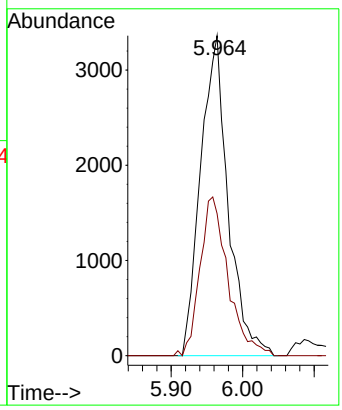


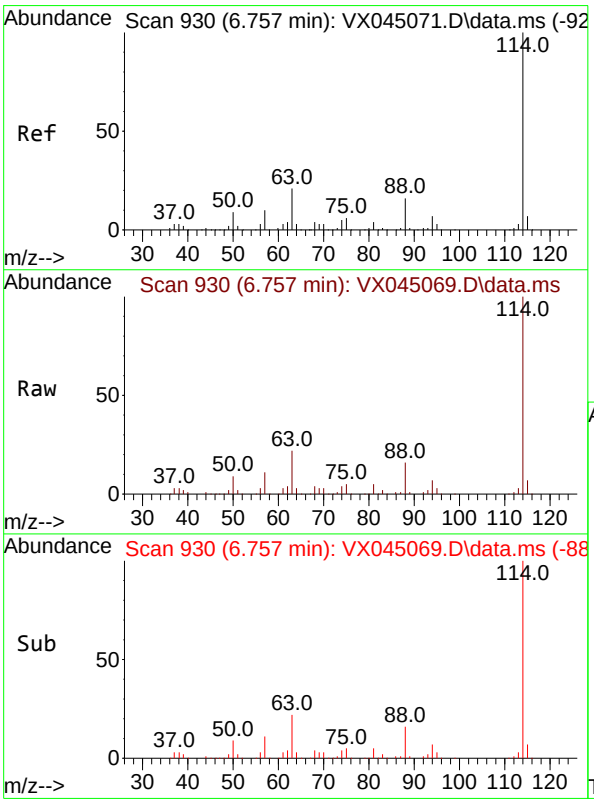
#33
1,2-Dichloroethane-d4
Concen: 5.659 ug/l
RT: 5.964 min Scan# 8
Delta R.T. 0.012 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 65 Resp: 8978

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	106.2

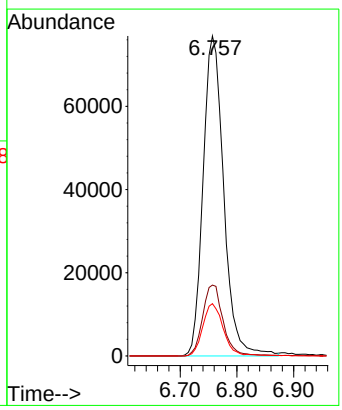


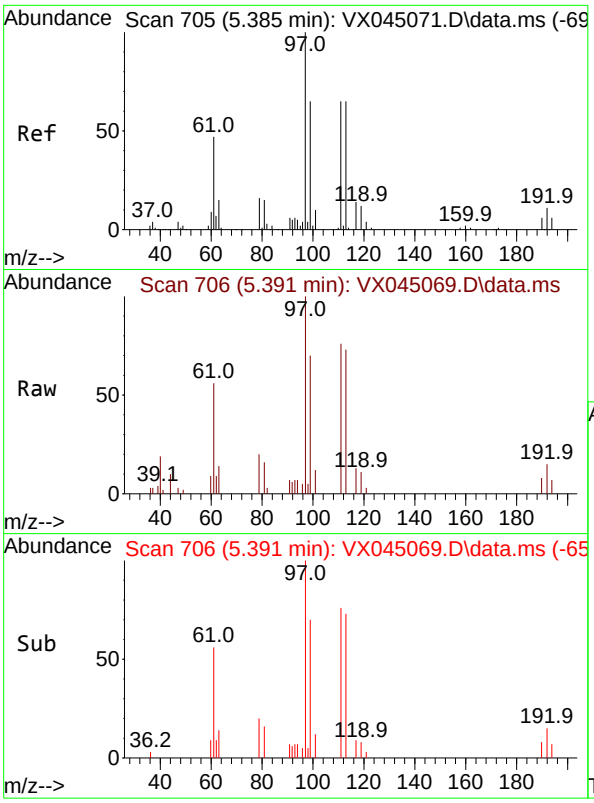


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion:114 Resp: 194243

Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	41.8
88	16.4	0.0	32.8



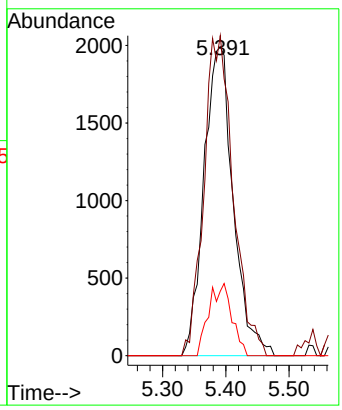


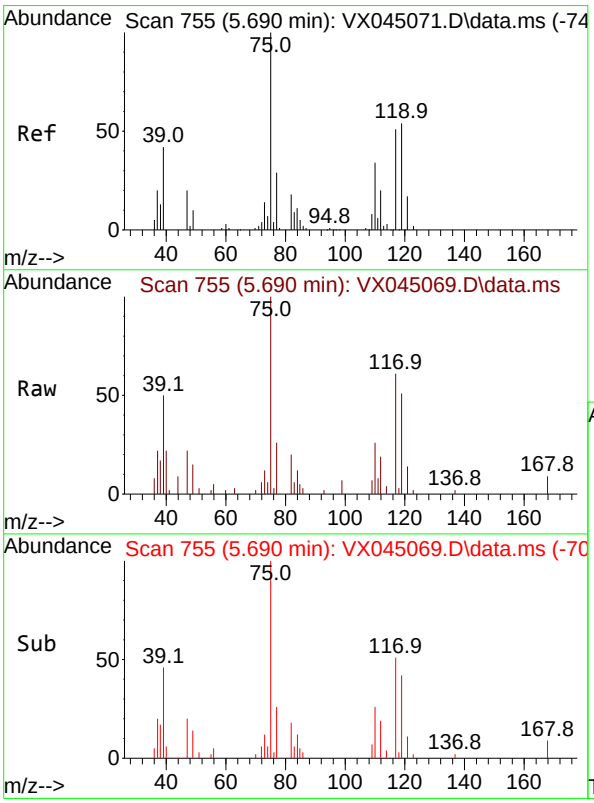
#35
Dibromofluoromethane
Concen: 5.039 ug/l
RT: 5.391 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:113 Resp: 6398

Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.8	122.6
192	18.3	14.3	21.5

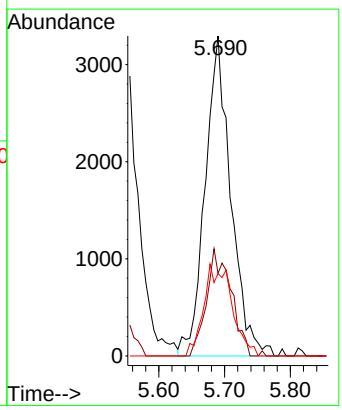


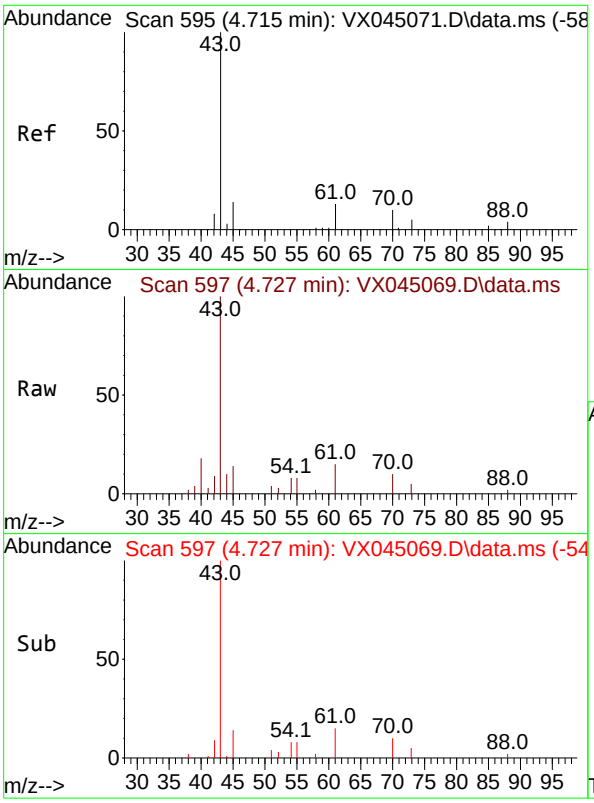


#36
1,1-Dichloropropene
Concen: 4.917 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 75 Resp: 8977

Ion	Ratio	Lower	Upper
75	100		
110	31.8	16.9	50.6
77	13.2	24.5	36.7#



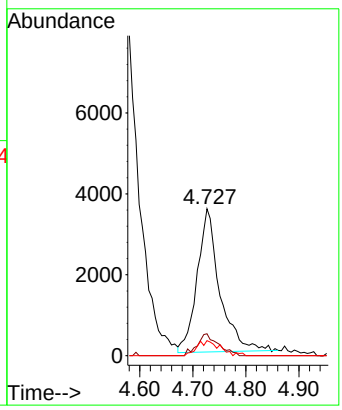


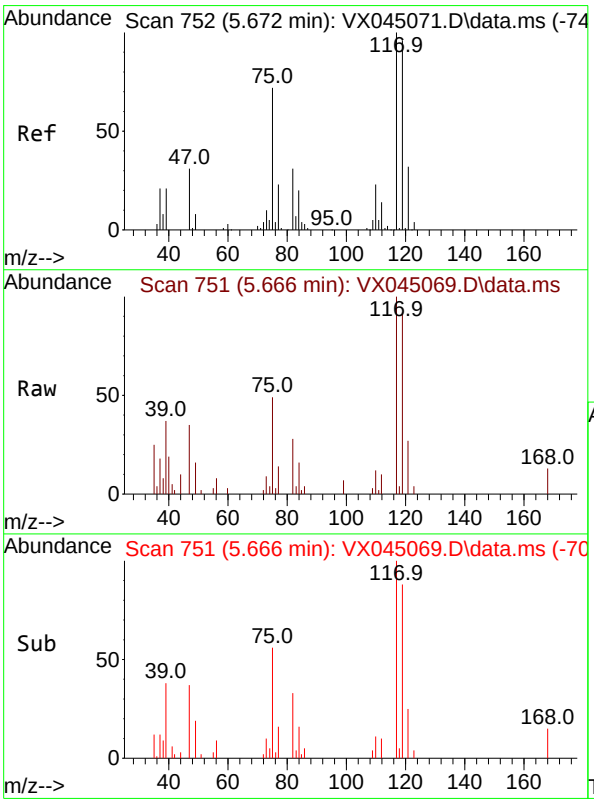
#37
Ethyl Acetate
Concen: 5.035 ug/l
RT: 4.727 min Scan# 5
Delta R.T. 0.012 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 10459

Ion	Ratio	Lower	Upper
43	100		
61	14.4	10.8	16.2
70	10.2	7.7	11.5

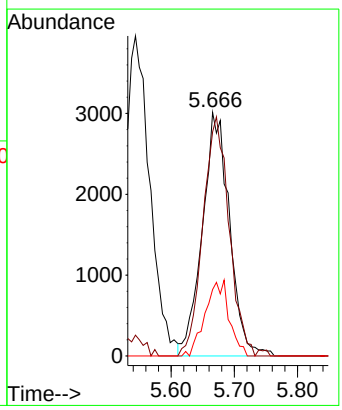


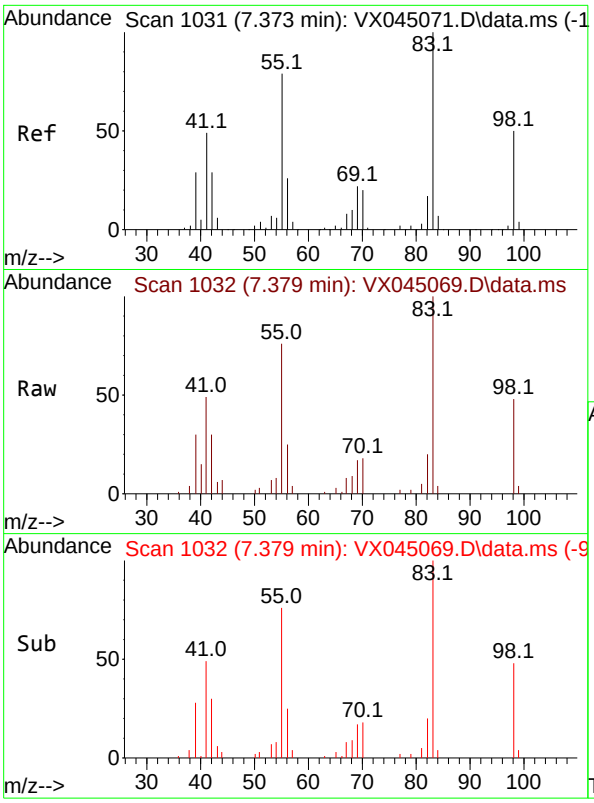


#38
Carbon Tetrachloride
Concen: 5.013 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion:117 Resp: 8997

Ion	Ratio	Lower	Upper
117	100		
119	92.0	76.7	115.1
121	27.2	25.5	38.3



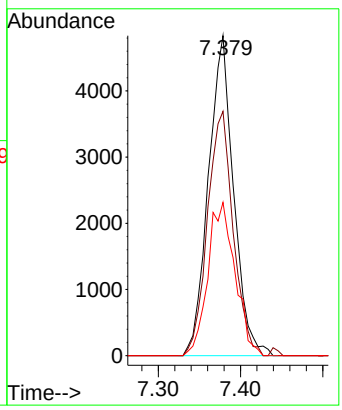


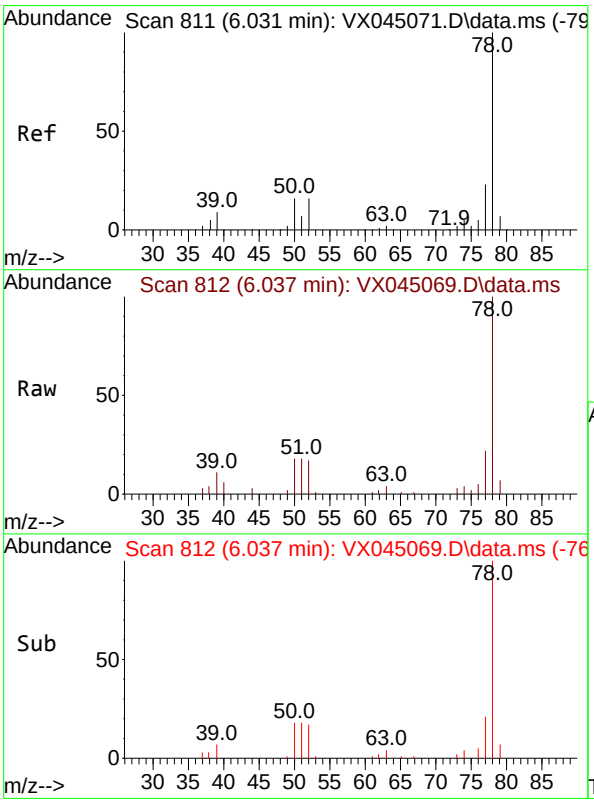
#39
Methylcyclohexane
Concen: 4.414 ug/l
RT: 7.379 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 10291

Ion	Ratio	Lower	Upper
83	100		
55	76.4	63.0	94.4
98	47.9	39.7	59.5

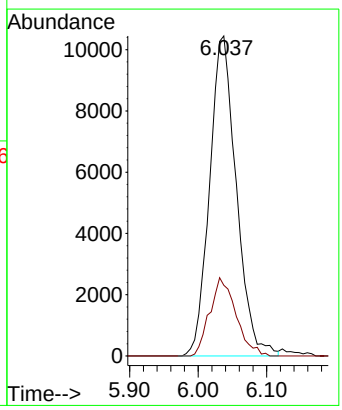


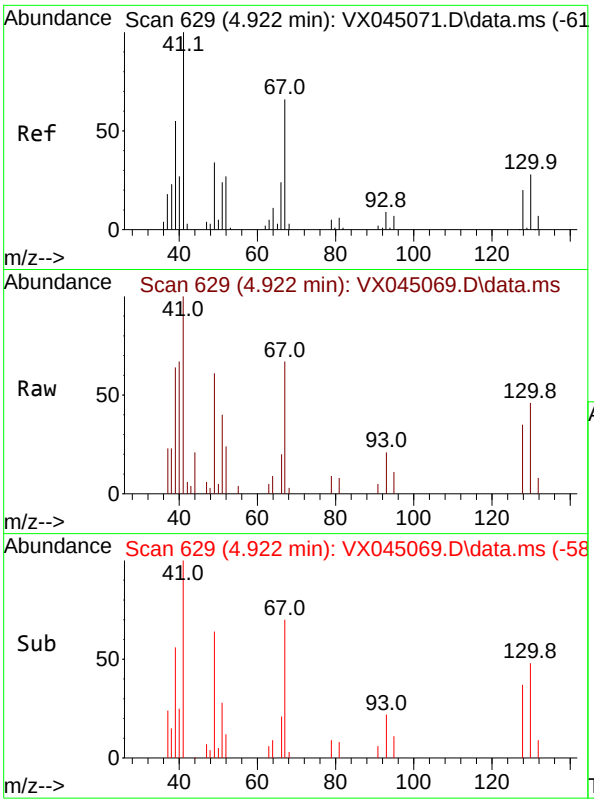


#40
Benzene
Concen: 4.966 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 78 Resp: 28339

Ion	Ratio	Lower	Upper
78	100		
77	22.1	18.8	28.2



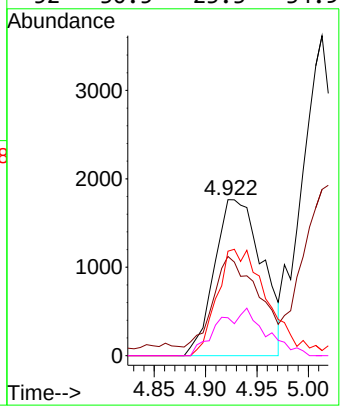


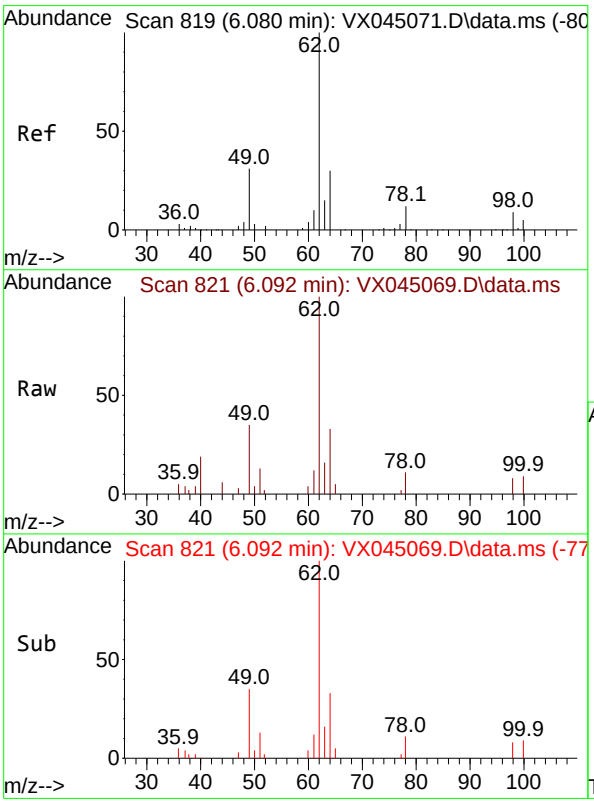
#41
Methacrylonitrile
Concen: 5.136 ug/l
RT: 4.922 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 41 Resp: 5700

Ion	Ratio	Lower	Upper
41	100		
39	53.3	44.6	67.0
67	73.4	53.9	80.9
52	30.5	23.3	34.9

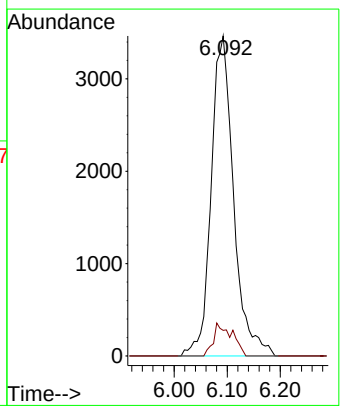


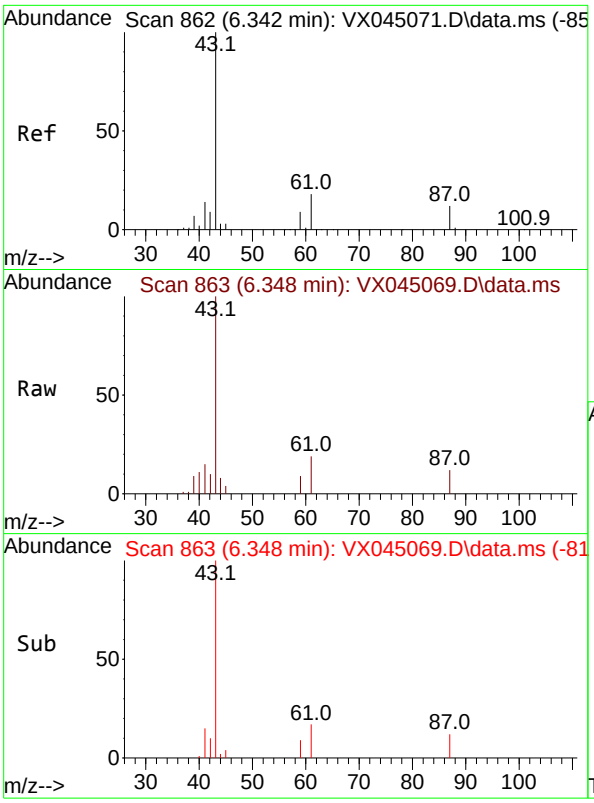


#42
1,2-Dichloroethane
Concen: 5.510 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.012 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 62 Resp: 10189

Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	18.2



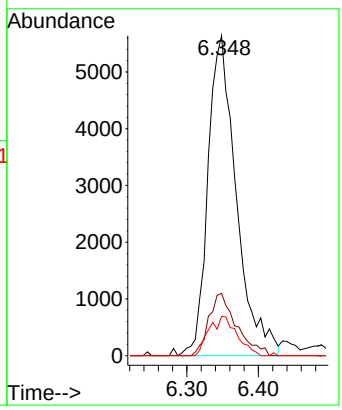


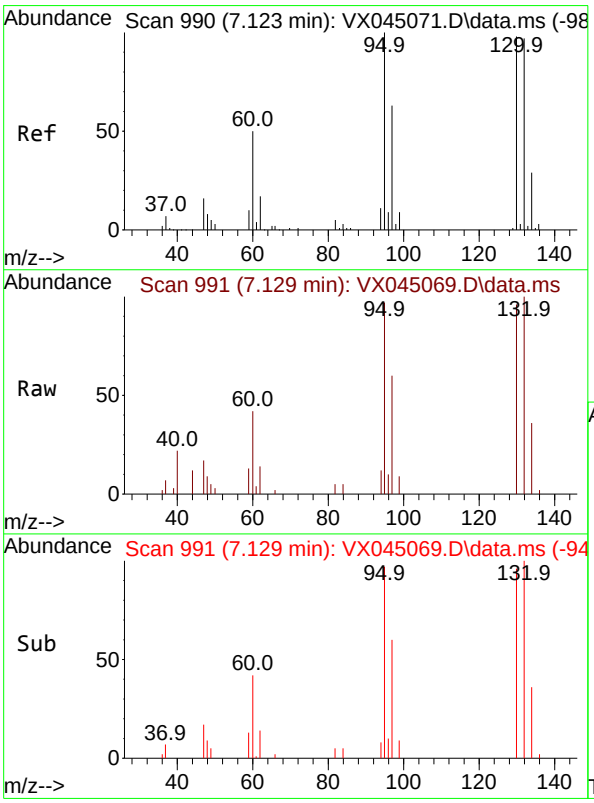
#43
Isopropyl Acetate
Concen: 4.700 ug/l
RT: 6.348 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 15543

Ion	Ratio	Lower	Upper
43	100		
61	19.0	14.9	22.3
87	12.1	9.4	14.2

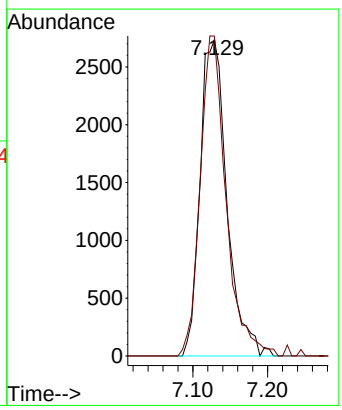


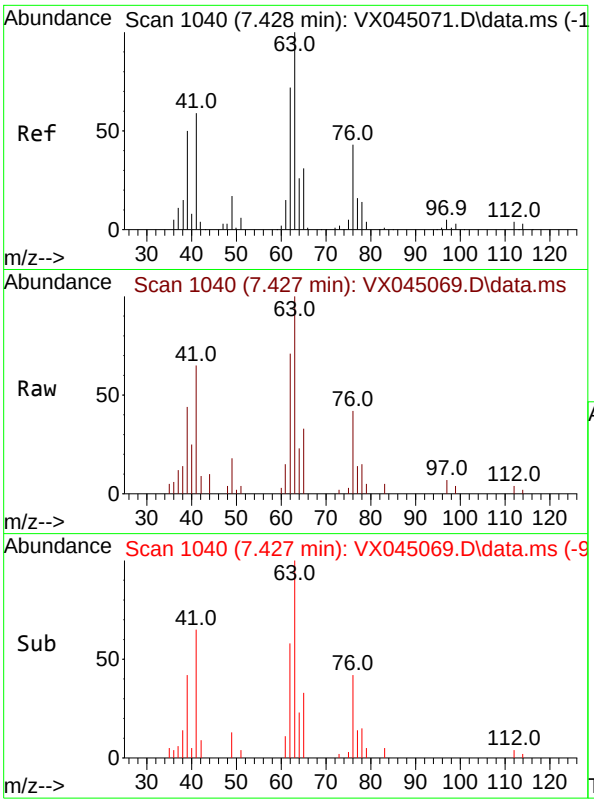


#44
Trichloroethene
Concen: 5.234 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion:130 Resp: 6827

Ion	Ratio	Lower	Upper
130	100		
95	101.2	0.0	205.0



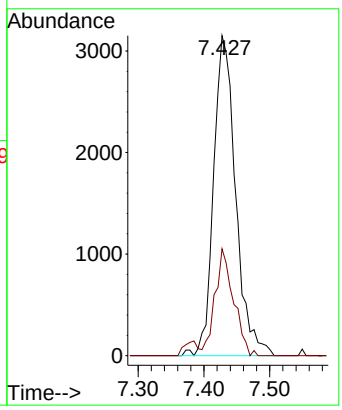


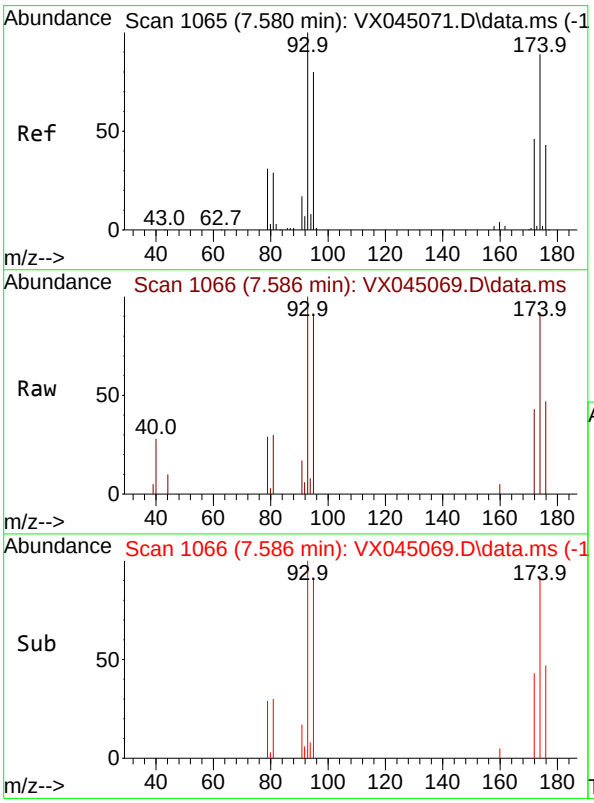
#45
1,2-Dichloropropane
Concen: 5.177 ug/l
RT: 7.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 63 Resp: 7342

Ion	Ratio	Lower	Upper
63	100		
65	33.4	24.7	37.1

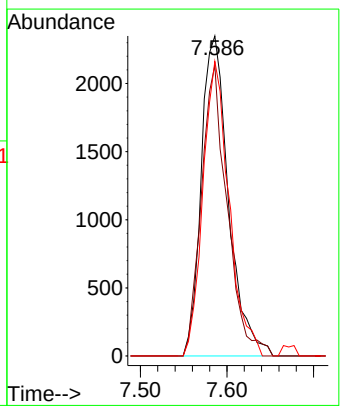


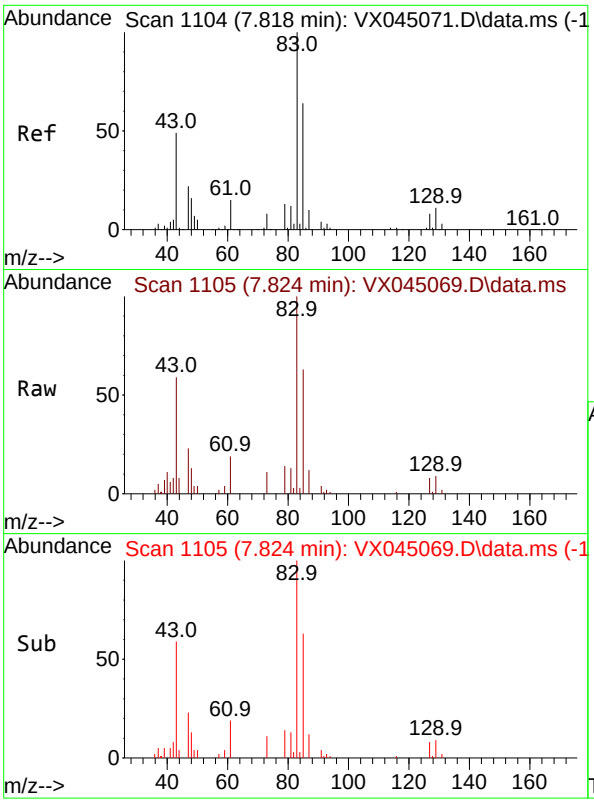


#46
Dibromomethane
Concen: 5.195 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 93 Resp: 5146

Ion	Ratio	Lower	Upper
93	100		
95	86.2	65.8	98.8
174	88.2	72.2	108.2



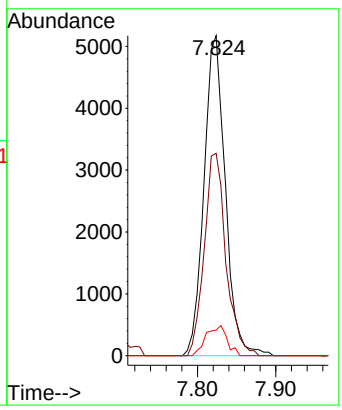


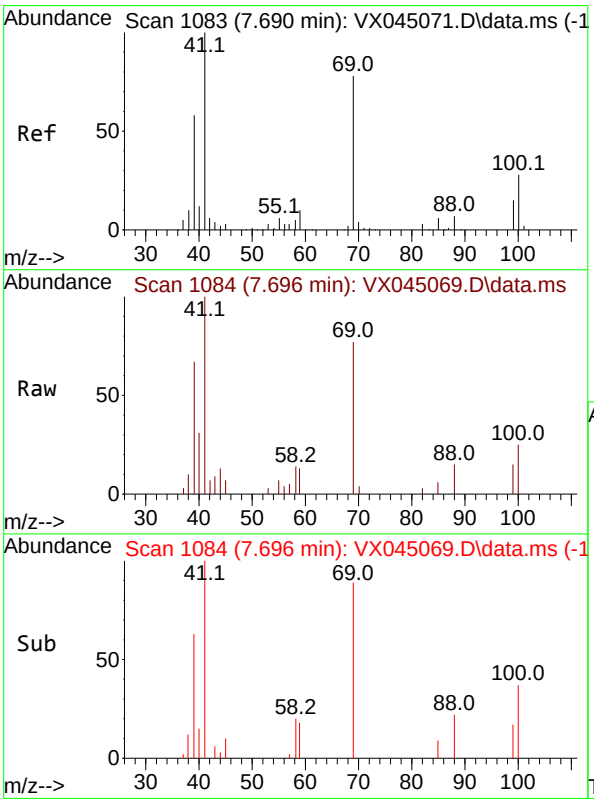
#47
Bromodichloromethane
Concen: 5.100 ug/l
RT: 7.824 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 9773

Ion	Ratio	Lower	Upper
83	100		
85	63.3	51.1	76.7
127	8.0	6.4	9.6

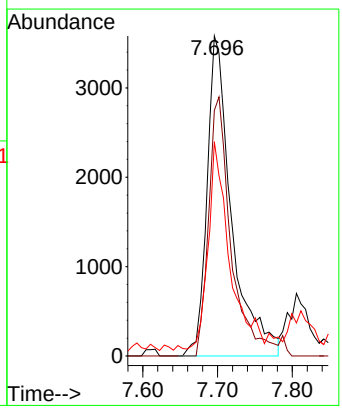


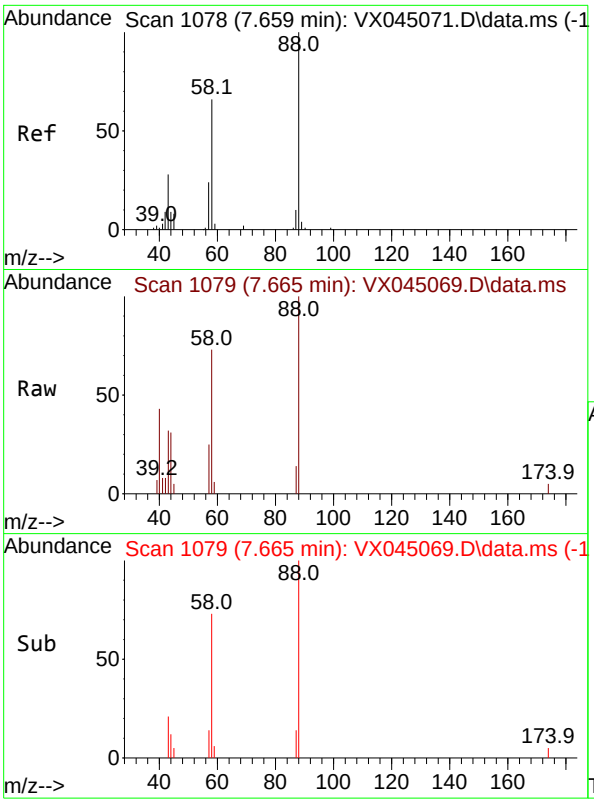


#48
Methyl methacrylate
Concen: 5.224 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 41 Resp: 8201

Ion	Ratio	Lower	Upper
41	100		
69	74.0	63.0	94.6
39	55.4	47.5	71.3



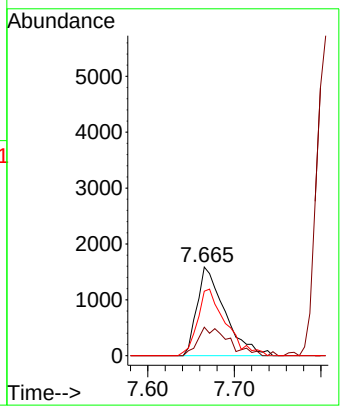


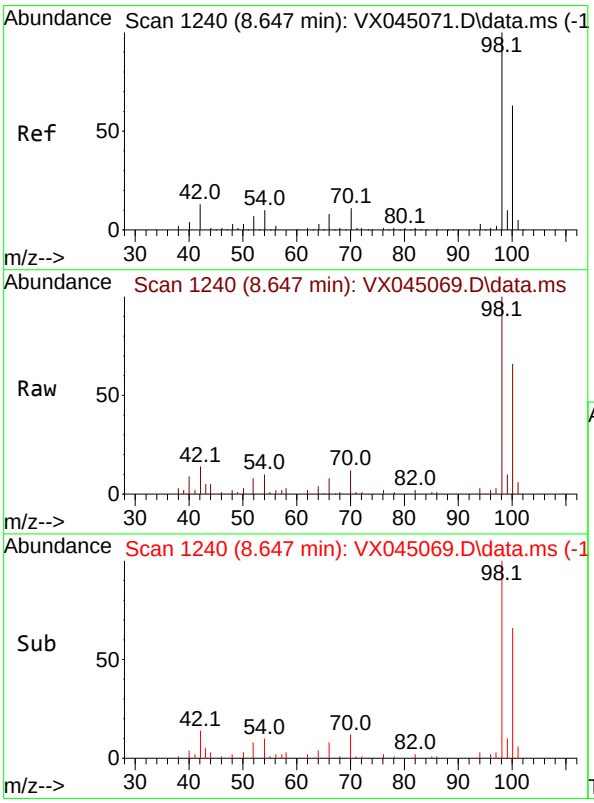
#49
1,4-Dioxane
Concen: 105.826 ug/l
RT: 7.665 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 88 Resp: 3531

Ion	Ratio	Lower	Upper
88	100		
43	35.2	28.7	43.1
58	75.9	55.8	83.8

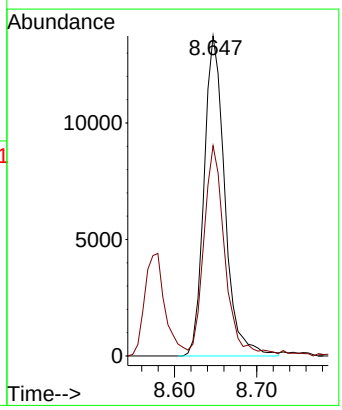


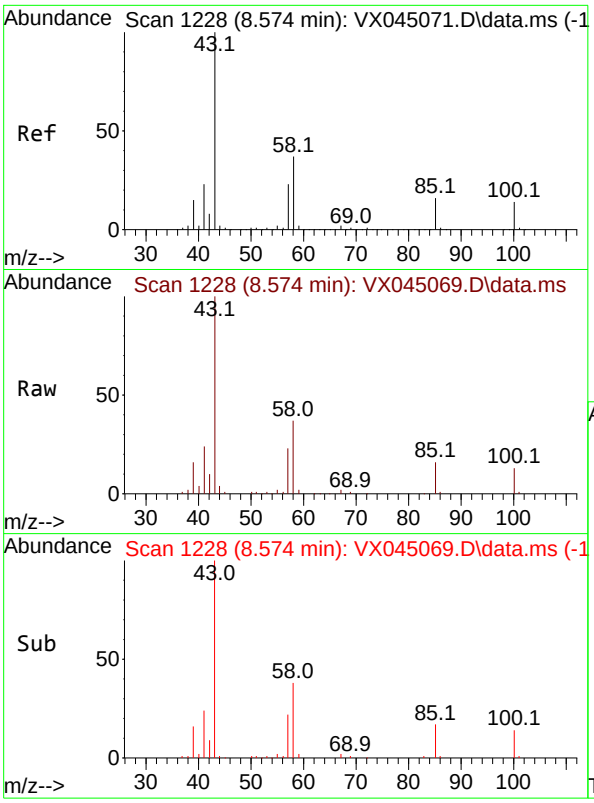


#50
Toluene-d8
Concen: 5.057 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 98 Resp: 24037

Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.0	78.0



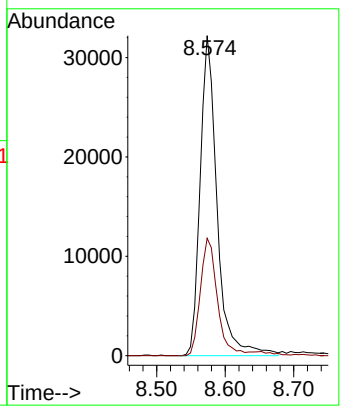


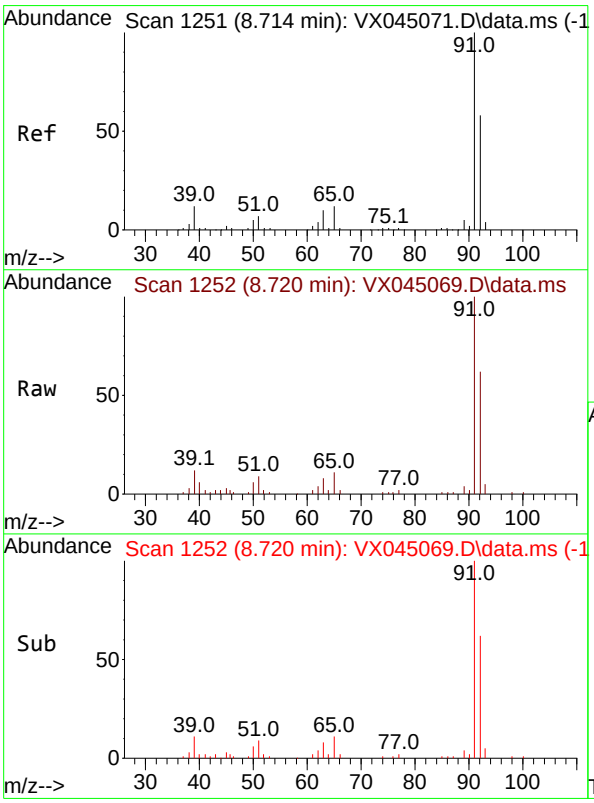
#51
4-Methyl-2-Pentanone
Concen: 27.303 ug/l
RT: 8.574 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 55320

Ion	Ratio	Lower	Upper
43	100		
58	36.8	29.2	43.8

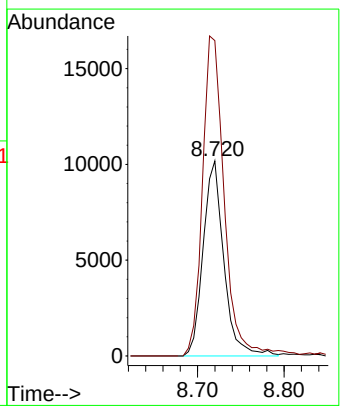


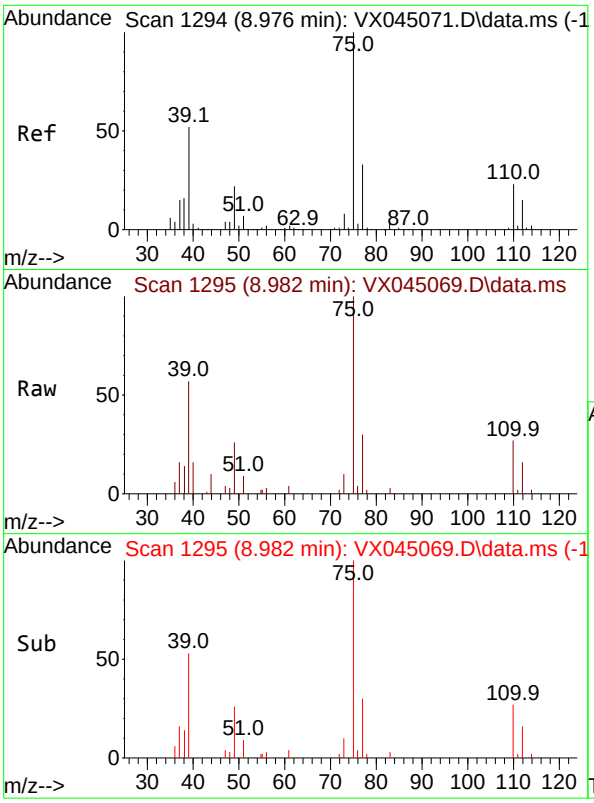


#52
Toluene
Concen: 4.997 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 92 Resp: 16933

Ion	Ratio	Lower	Upper
92	100		
91	172.6	138.9	208.3



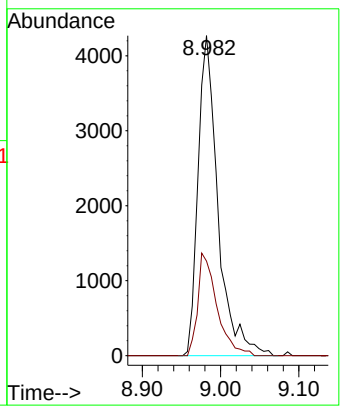


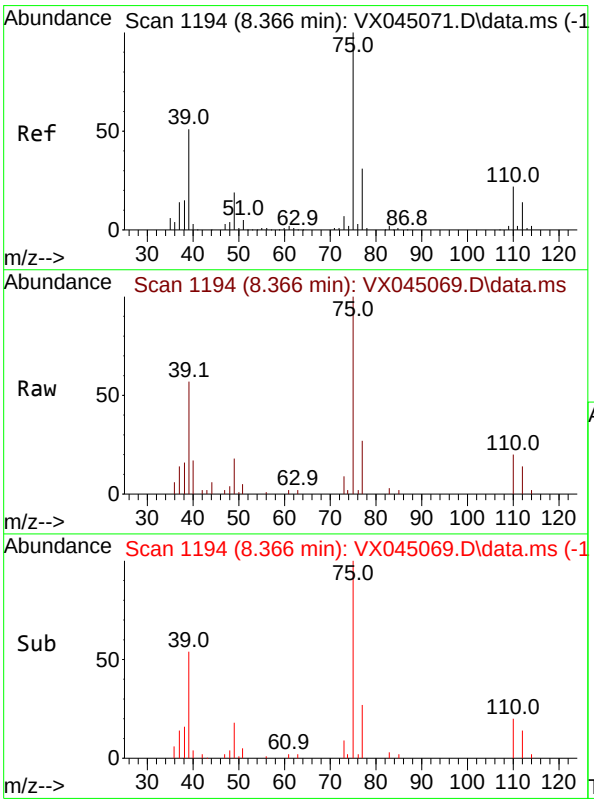
#53
t-1,3-Dichloropropene
Concen: 3.985 ug/l
RT: 8.982 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 75 Resp: 7548

Ion	Ratio	Lower	Upper
75	100		
77	29.6	26.5	39.7

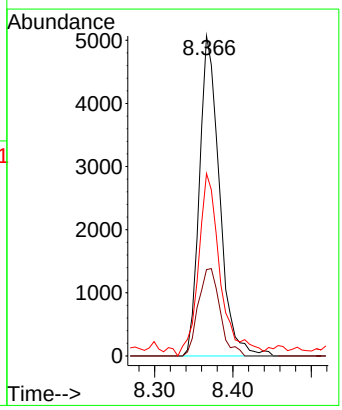


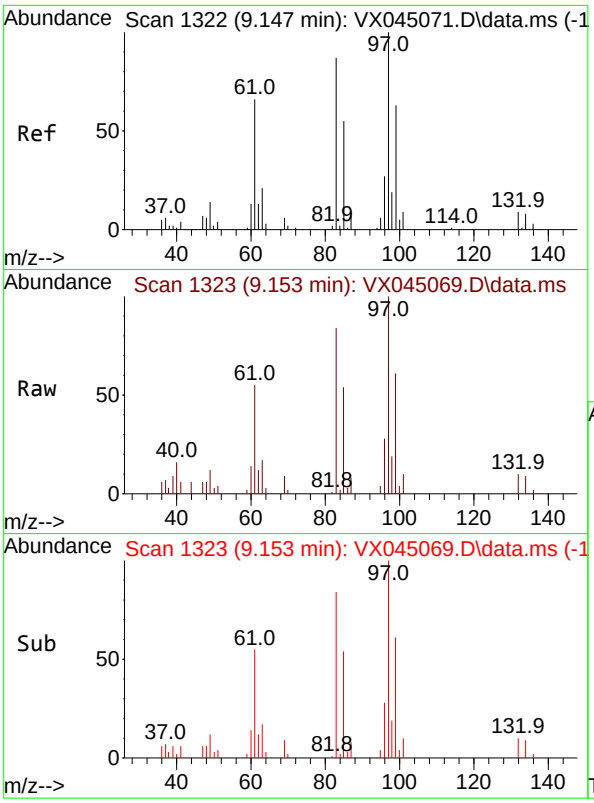


#54
cis-1,3-Dichloropropene
Concen: 4.244 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 75 Resp: 8988

Ion	Ratio	Lower	Upper
75	100		
77	27.0	24.7	37.1
39	57.0	40.7	61.1



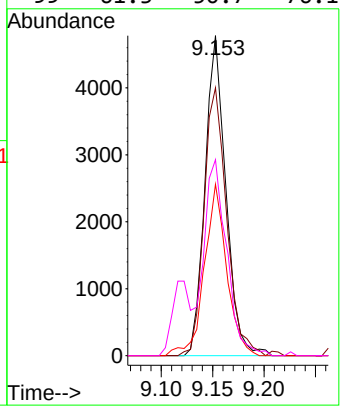


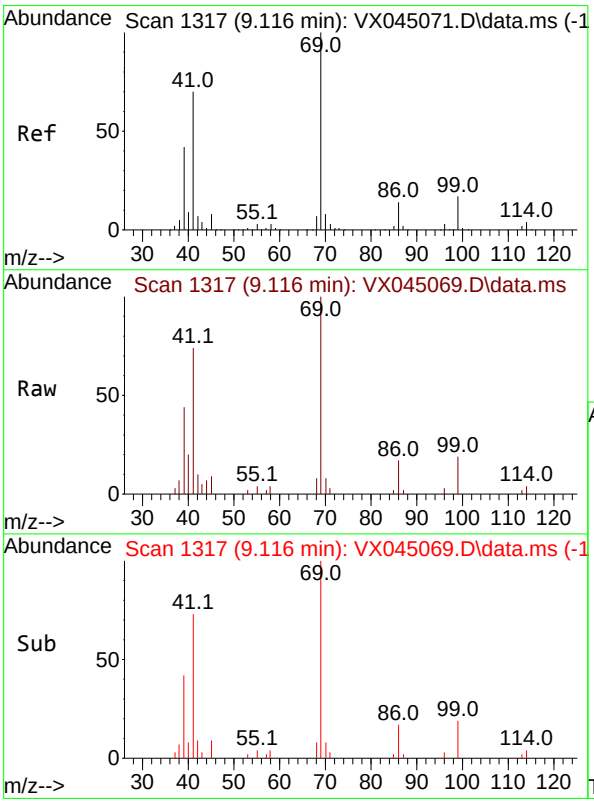
#55
1,1,2-Trichloroethane
Concen: 5.151 ug/l
RT: 9.153 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 97 Resp: 6759

Ion	Ratio	Lower	Upper
97	100		
83	83.7	69.4	104.2
85	53.6	44.1	66.1
99	61.3	50.7	76.1

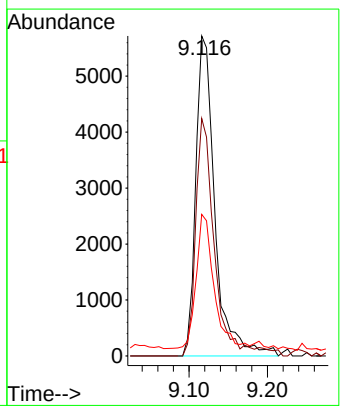


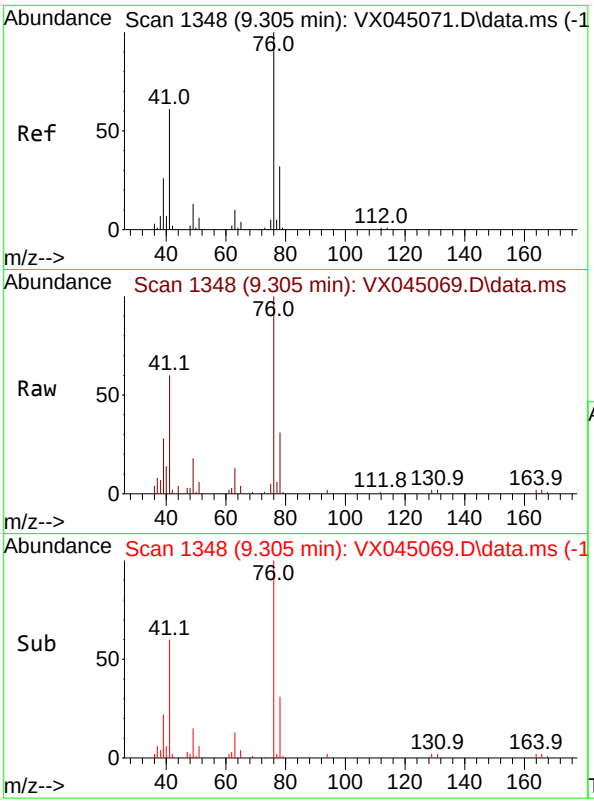


#56
Ethyl methacrylate
Concen: 4.628 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 69 Resp: 9712

Ion	Ratio	Lower	Upper
69	100		
41	71.0	57.0	85.4
39	39.2	34.2	51.4



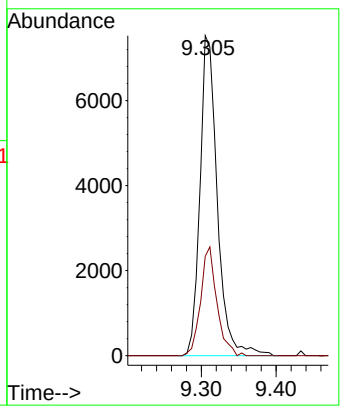


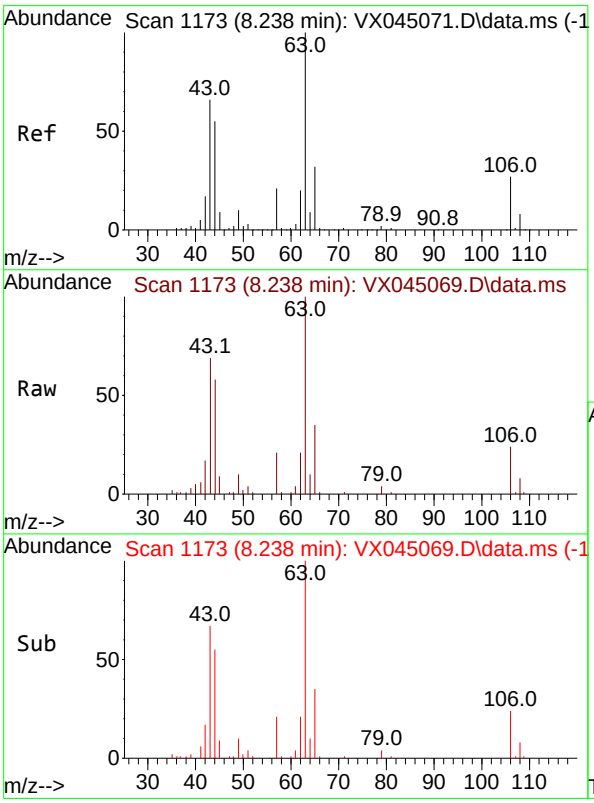
#57
1,3-Dichloropropane
Concen: 5.289 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 76 Resp: 12106

Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.5	38.3

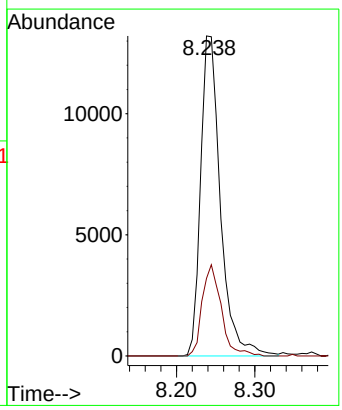


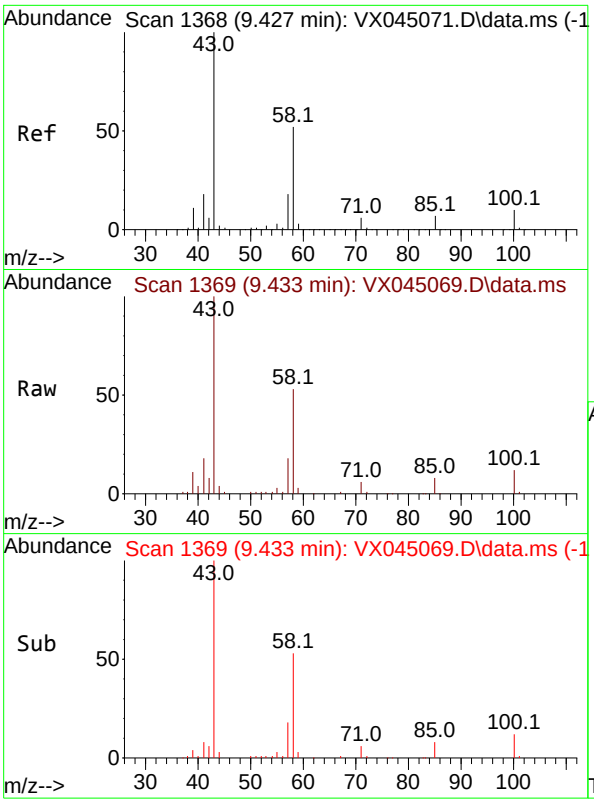


#58
2-Chloroethyl Vinyl ether
Concen: 22.527 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 63 Resp: 23212

Ion	Ratio	Lower	Upper
63	100		
106	27.4	21.5	32.3



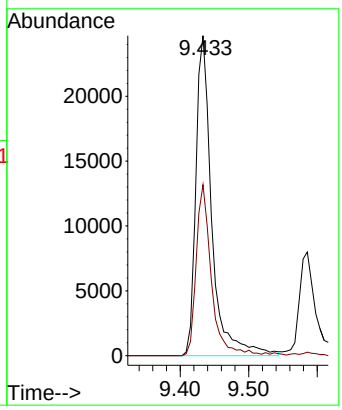


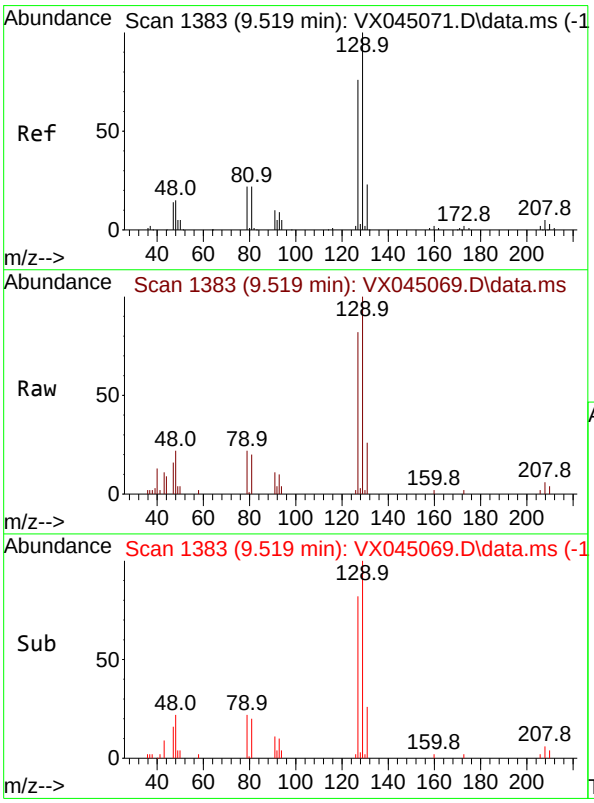
#59
2-Hexanone
Concen: 27.363 ug/l
RT: 9.433 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 39994

Ion	Ratio	Lower	Upper
43	100		
58	50.7	25.9	77.6

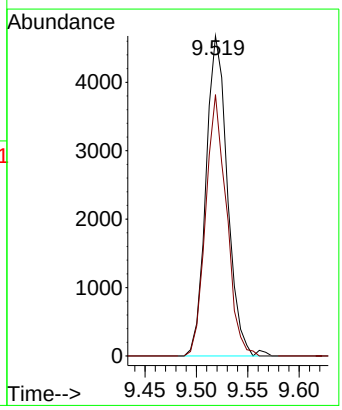


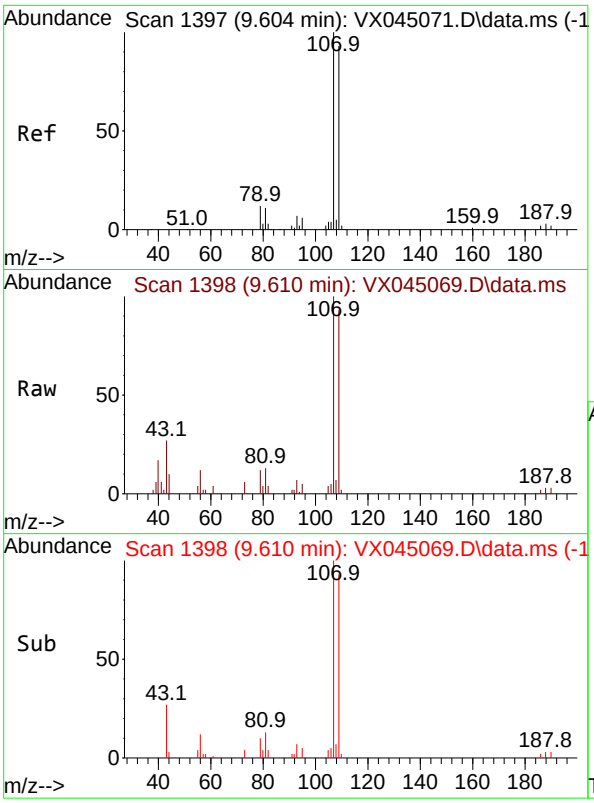


#60
Dibromochloromethane
Concen: 4.846 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion:129 Resp: 6785

Ion	Ratio	Lower	Upper
129	100		
127	79.0	38.5	115.5



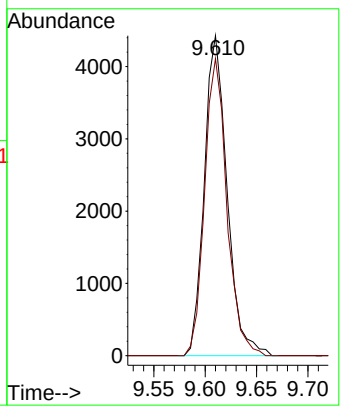


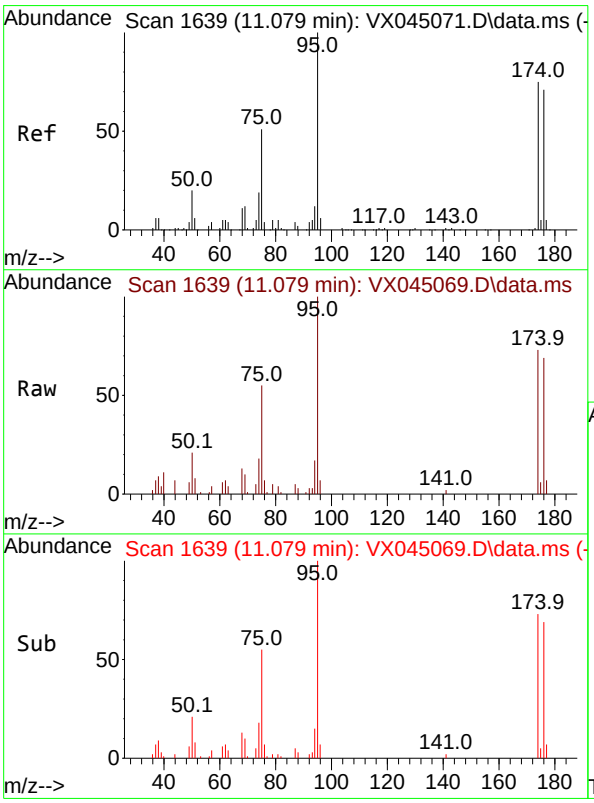
#61
1,2-Dibromoethane
Concen: 5.161 ug/l
RT: 9.610 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:107 Resp: 6832

Ion	Ratio	Lower	Upper
107	100		
109	90.7	76.1	114.1

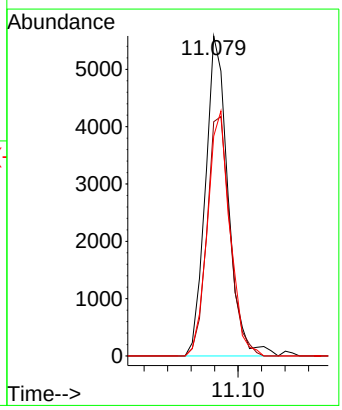


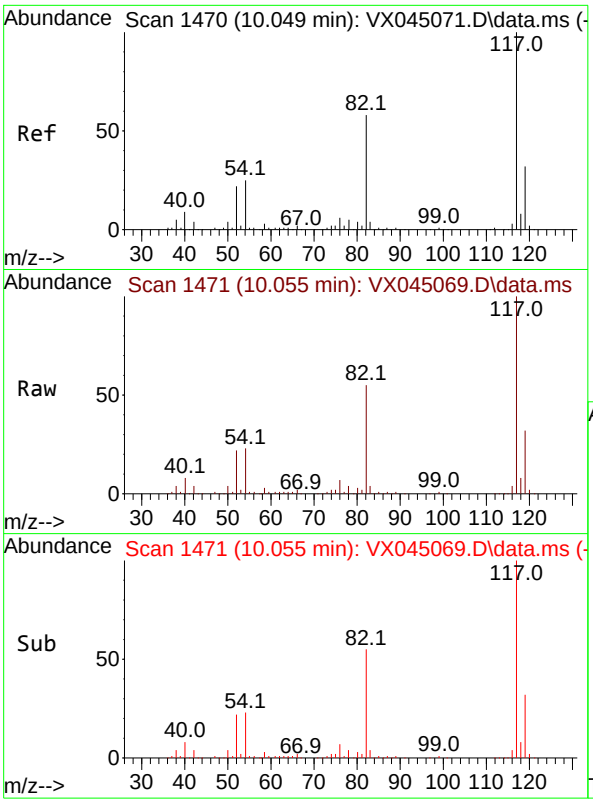


#62
4-Bromofluorobenzene
Concen: 4.685 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 95 Resp: 7436

Ion	Ratio	Lower	Upper
95	100		
174	76.5	0.0	148.2
176	76.3	0.0	141.4



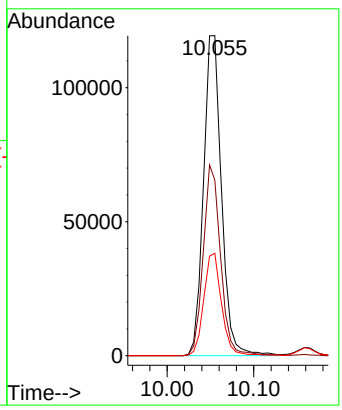


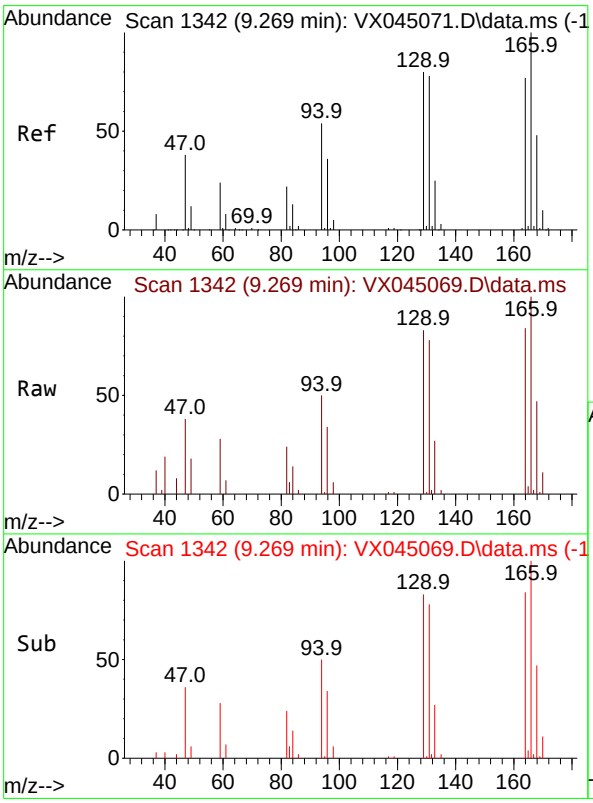
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:117 Resp: 172367

Ion	Ratio	Lower	Upper
117	100		
82	54.8	46.3	69.5
119	32.0	25.7	38.5

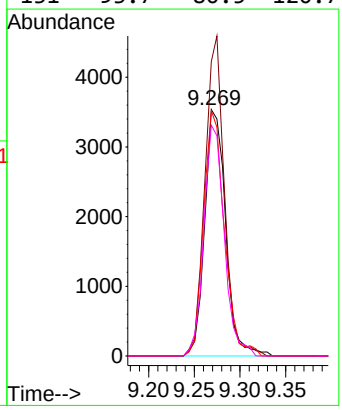


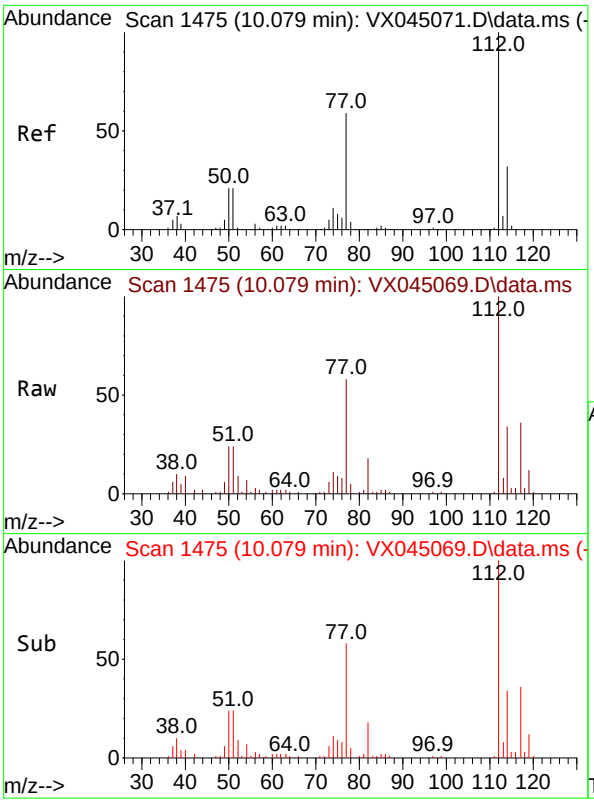


#64
Tetrachloroethene
Concen: 5.128 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion:164 Resp: 5615

Ion	Ratio	Lower	Upper
164	100		
166	119.5	103.6	155.4
129	99.7	82.7	124.1
131	93.7	80.5	120.7



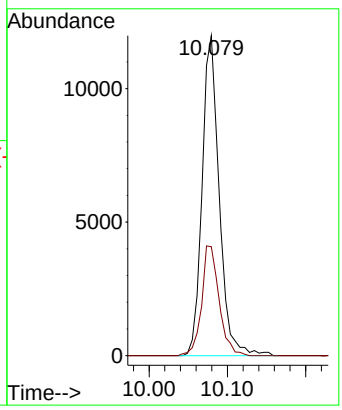


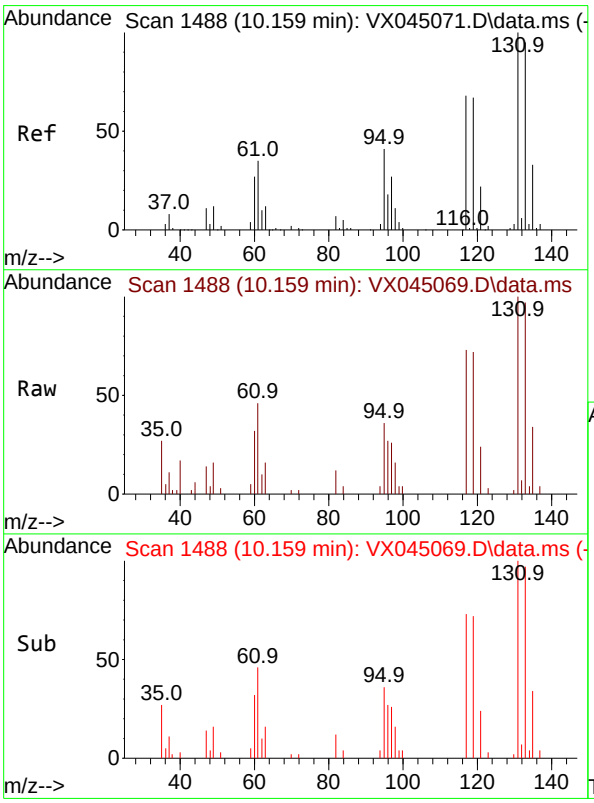
#65
Chlorobenzene
Concen: 4.908 ug/l
RT: 10.079 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:112 Resp: 18161

Ion	Ratio	Lower	Upper
112	100		
114	34.0	26.0	39.0

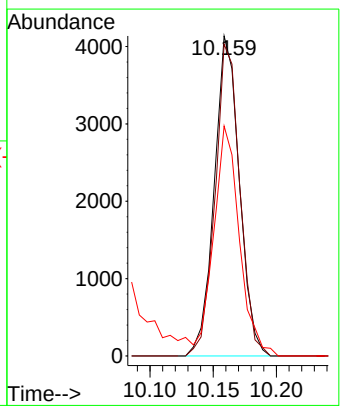


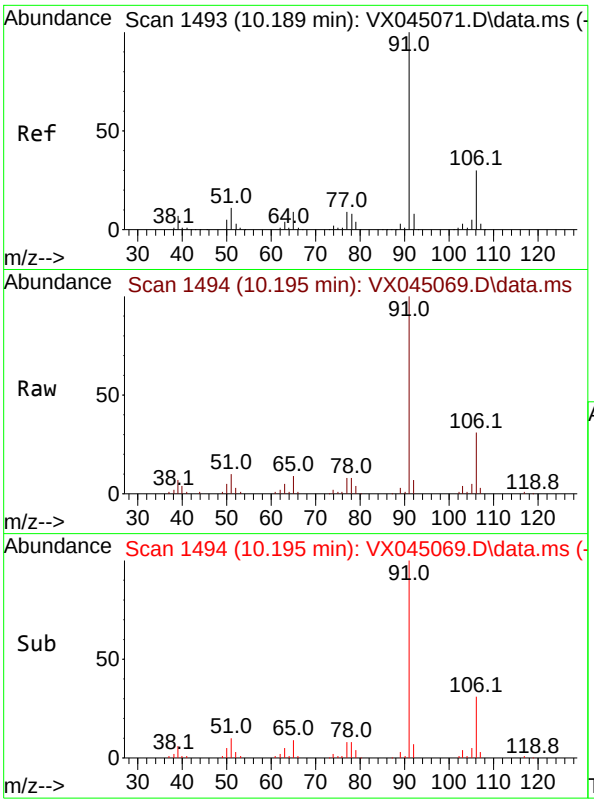


#66
1,1,1,2-Tetrachloroethane
Concen: 4.781 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion:131 Resp: 5702

Ion	Ratio	Lower	Upper
131	100		
133	96.1	48.6	145.9
119	73.4	33.9	101.7



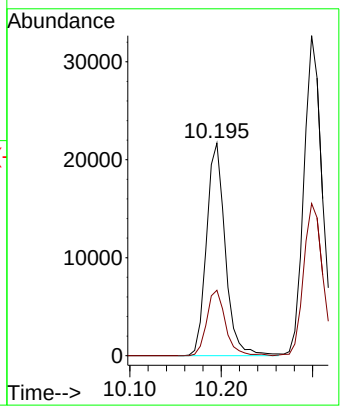


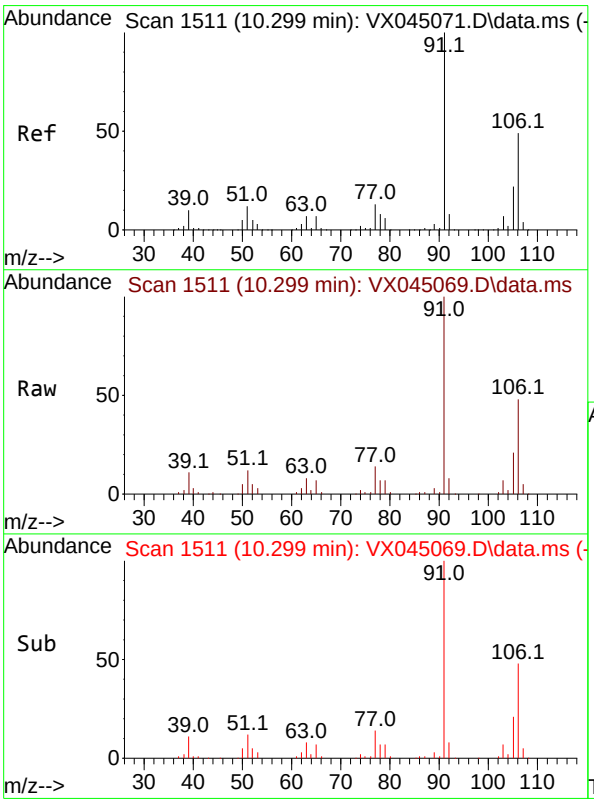
#67
Ethyl Benzene
Concen: 4.725 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 30918

Ion	Ratio	Lower	Upper
91	100		
106	30.8	23.9	35.9

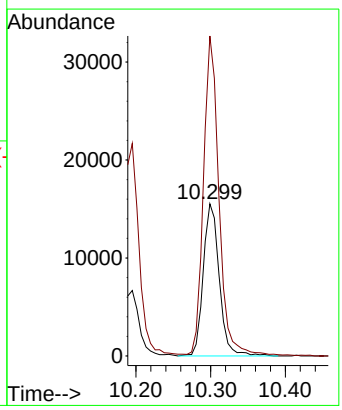


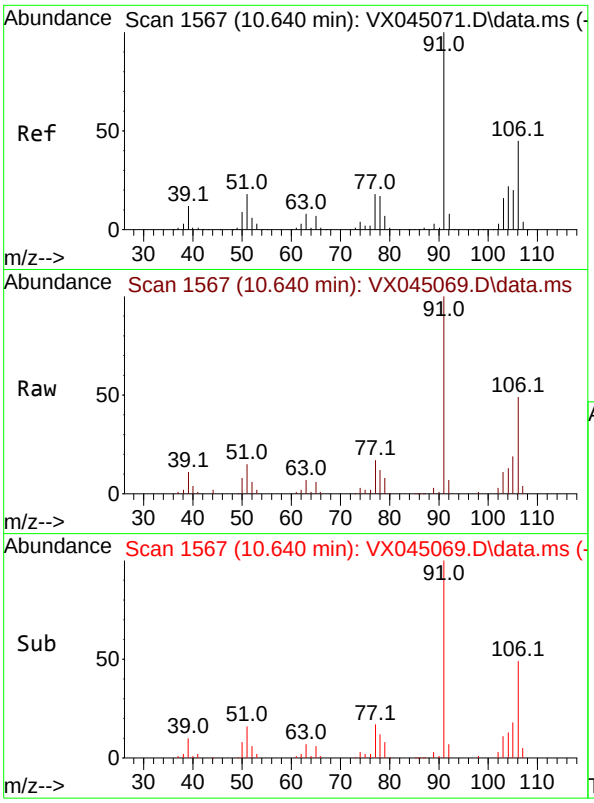


#68
m/p-Xylenes
Concen: 9.608 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion:106 Resp: 23152

Ion	Ratio	Lower	Upper
106	100		
91	202.7	165.4	248.0



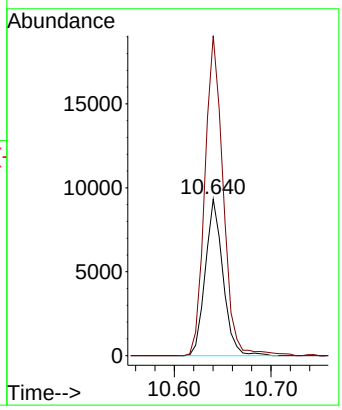


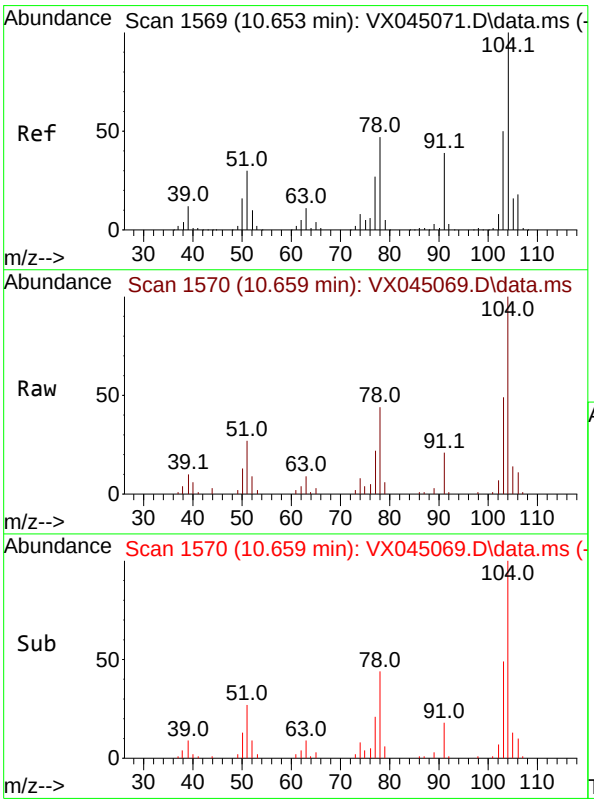
#69
o-Xylene
Concen: 4.914 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:106 Resp: 11881

Ion	Ratio	Lower	Upper
106	100		
91	211.7	109.9	329.6

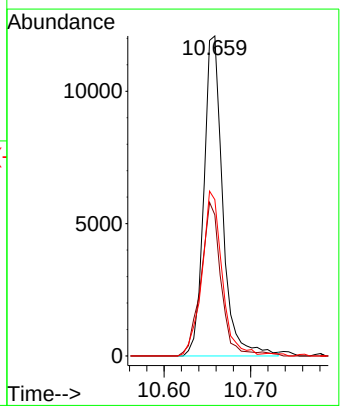


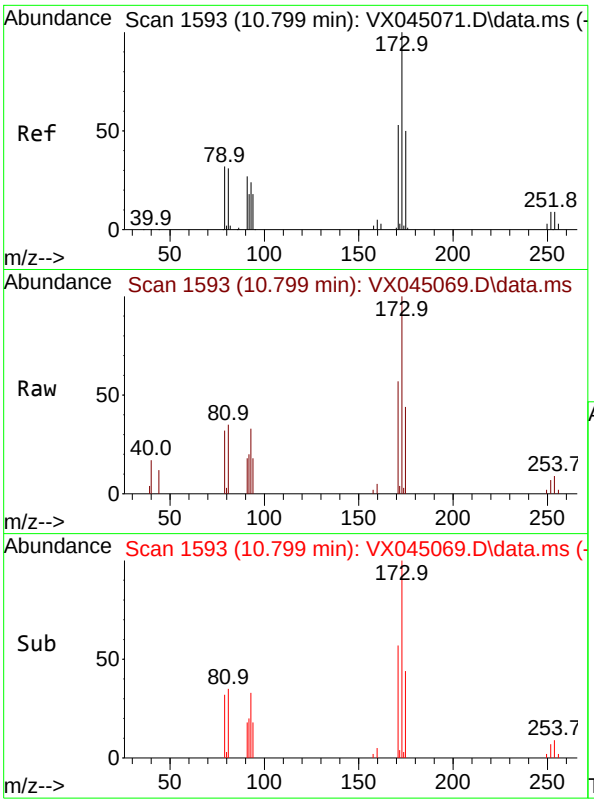


#70
Styrene
Concen: 4.704 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion:104 Resp: 18278

Ion	Ratio	Lower	Upper
104	100		
78	51.7	42.2	63.4
103	55.3	43.8	65.8



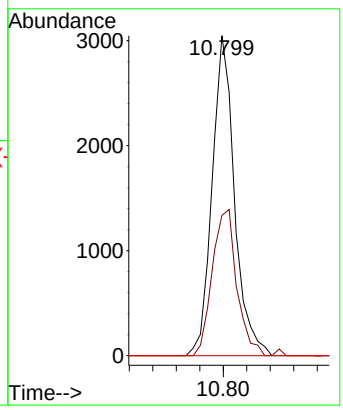


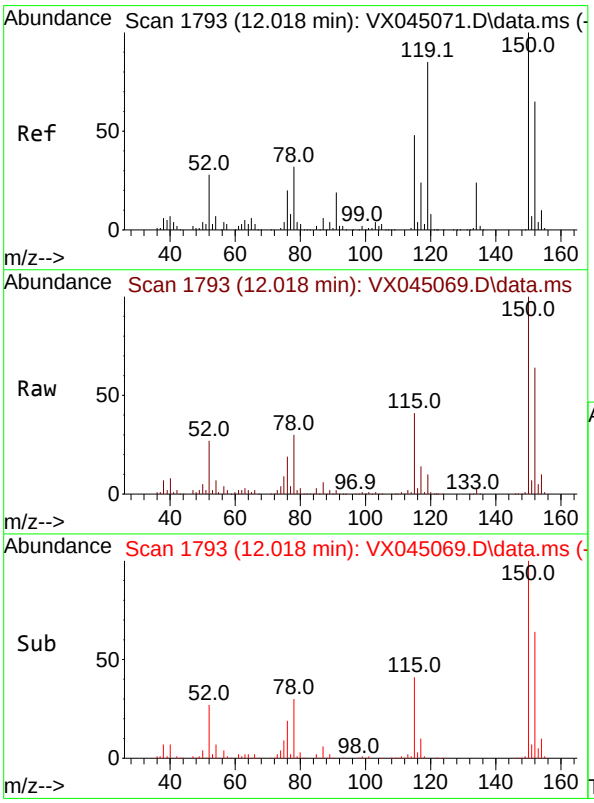
#71
Bromoform
Concen: 4.541 ug/l
RT: 10.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:173 Resp: 4027

Ion	Ratio	Lower	Upper
173	100		
175	50.1	24.6	73.6
254	0.0	0.0	0.0

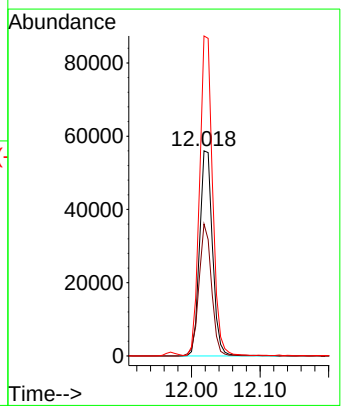


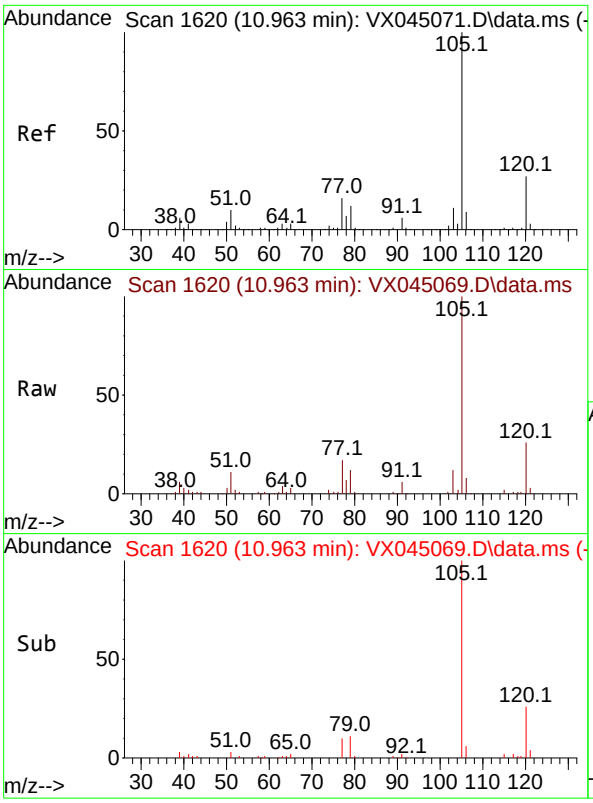


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion:152 Resp: 73591

Ion	Ratio	Lower	Upper
152	100		
115	62.6	44.2	132.6
150	156.2	0.0	349.0



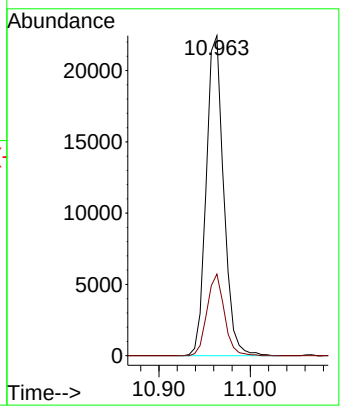


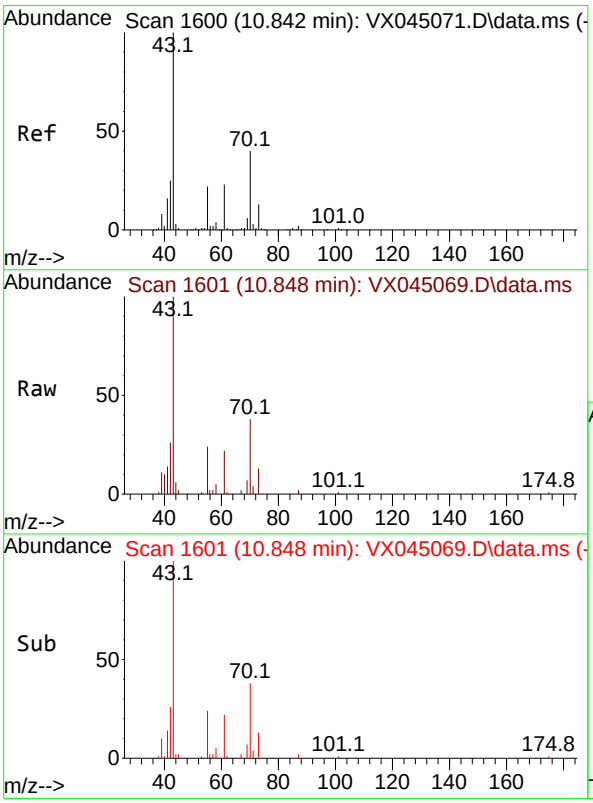
#73
Isopropylbenzene
Concen: 4.991 ug/l
RT: 10.963 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:105 Resp: 29685

Ion	Ratio	Lower	Upper
105	100		
120	25.3	13.2	39.5

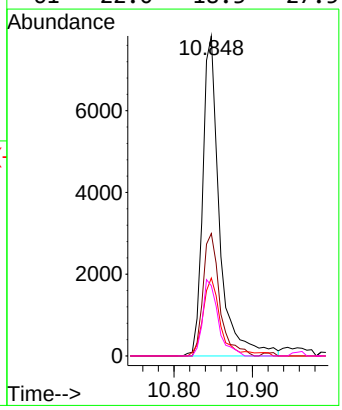


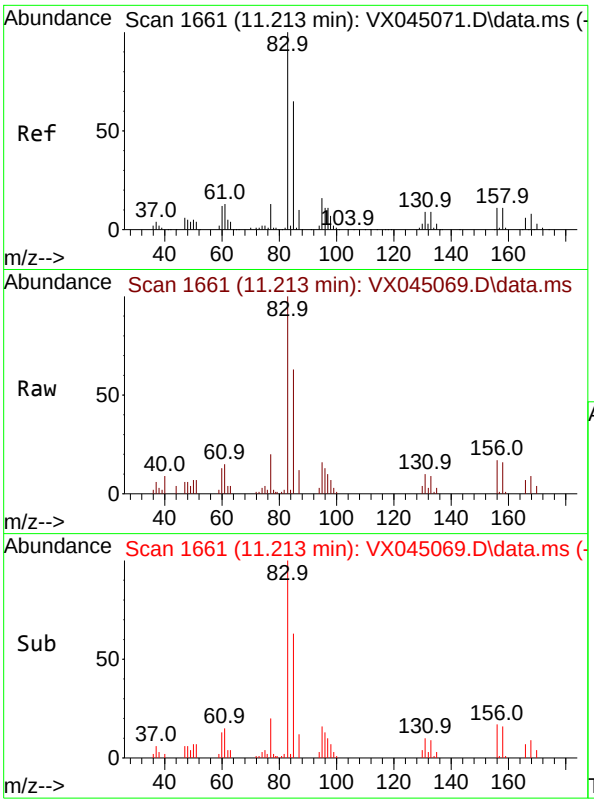


#74
N-amyl acetate
Concen: 4.300 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 43 Resp: 11609

Ion	Ratio	Lower	Upper
43	100		
70	38.1	31.8	47.6
55	25.9	18.3	27.5
61	22.0	18.3	27.5



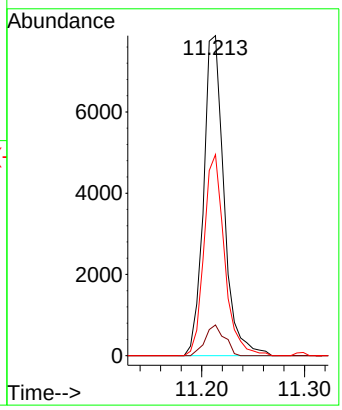


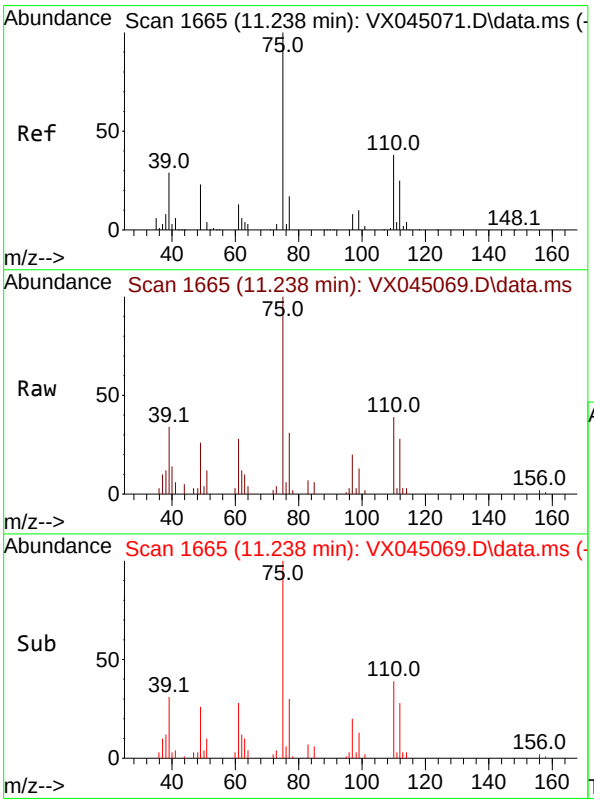
#75
1,1,2,2-Tetrachloroethane
Concen: 5.310 ug/l
RT: 11.213 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 10881

Ion	Ratio	Lower	Upper
83	100		
131	9.2	4.5	13.4
85	63.1	31.7	95.1

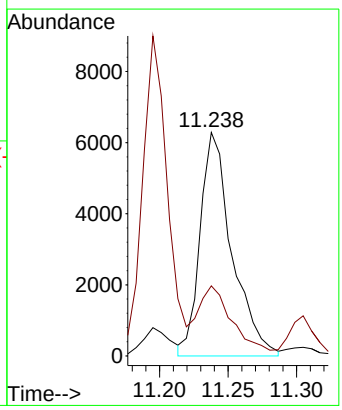


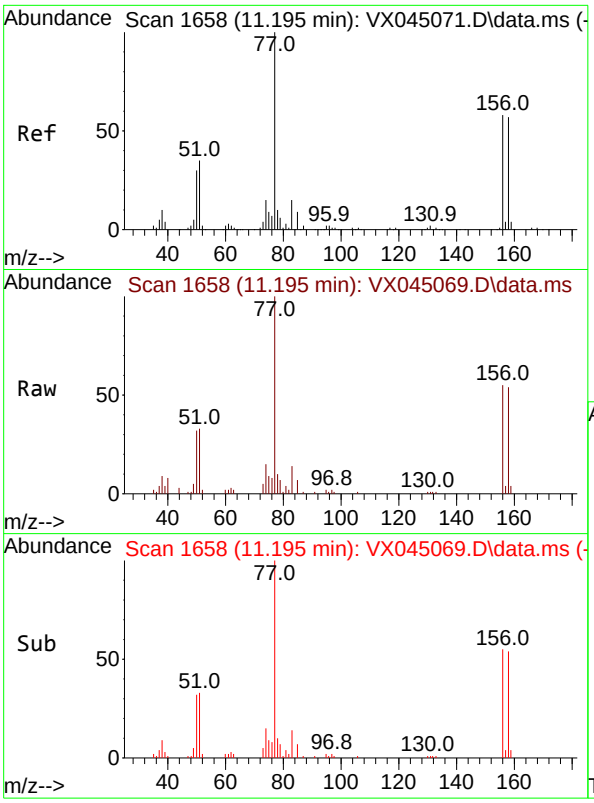


#76
1,2,3-Trichloropropane
Concen: 6.189 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 75 Resp: 10159

Ion	Ratio	Lower	Upper
75	100		
77	34.6	20.7	62.1



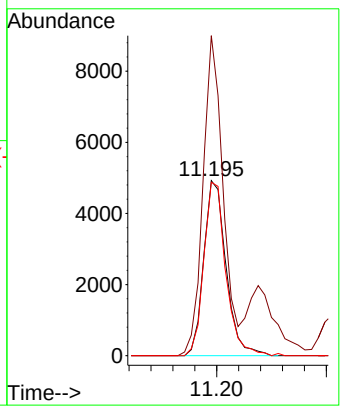


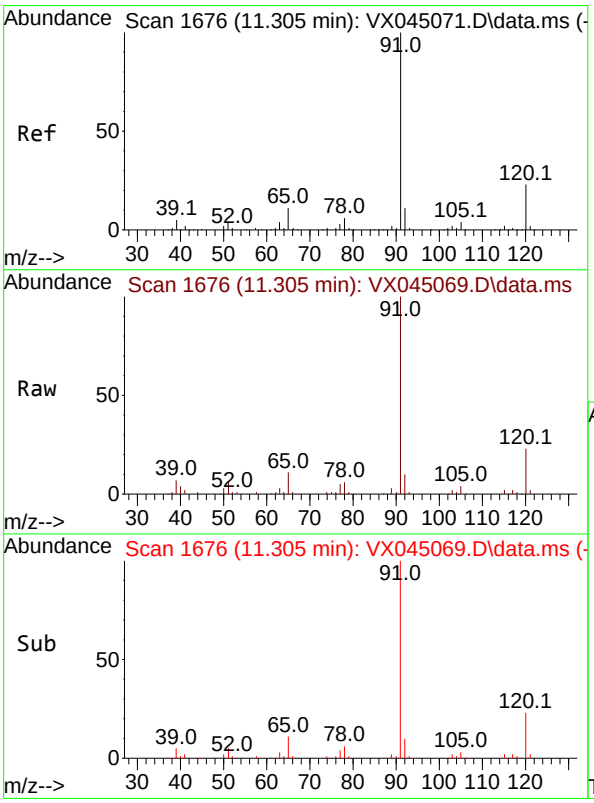
#77
Bromobenzene
Concen: 5.163 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:156 Resp: 6970

Ion	Ratio	Lower	Upper
156	100		
77	163.3	85.8	257.4
158	97.8	48.4	145.2

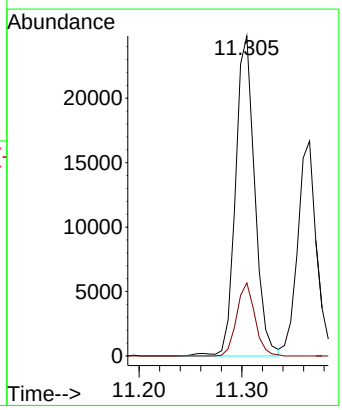


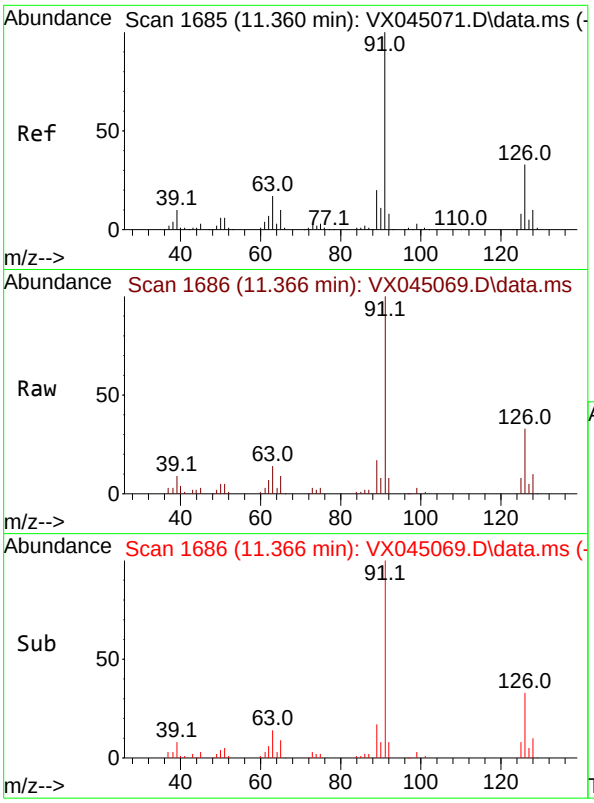


#78
n-propylbenzene
Concen: 4.694 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 91 Resp: 32196

Ion	Ratio	Lower	Upper
91	100		
120	21.7	11.2	33.6



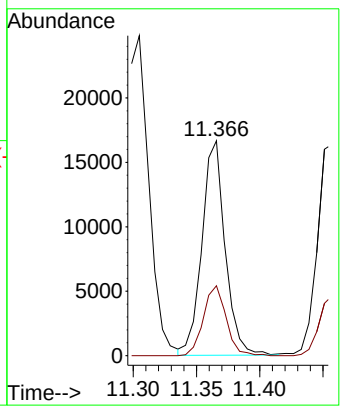


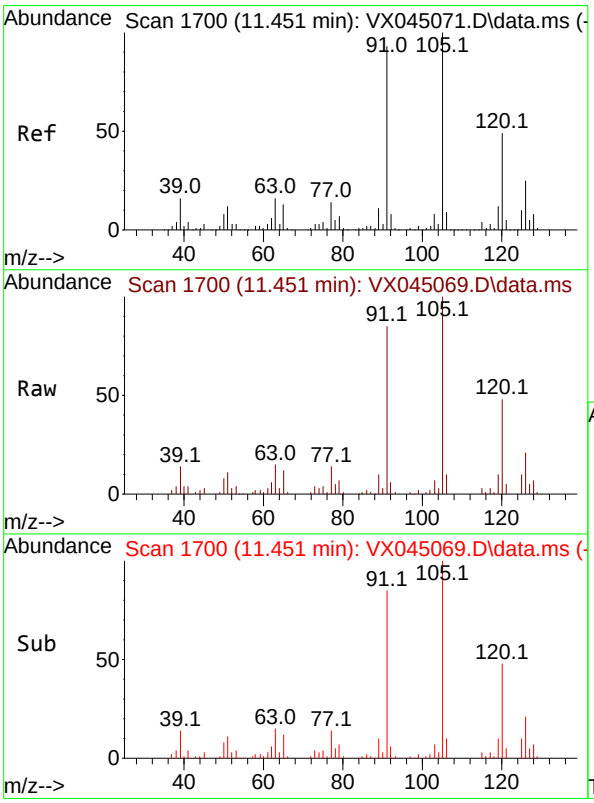
#79
2-Chlorotoluene
Concen: 5.048 ug/l
RT: 11.366 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 21253

Ion	Ratio	Lower	Upper
91	100		
126	32.0	16.4	49.4

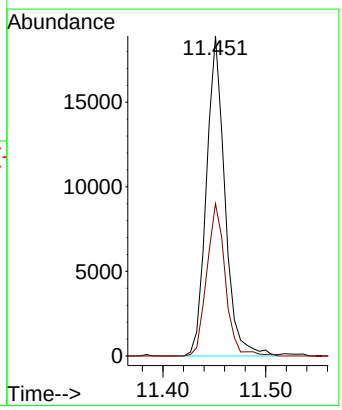


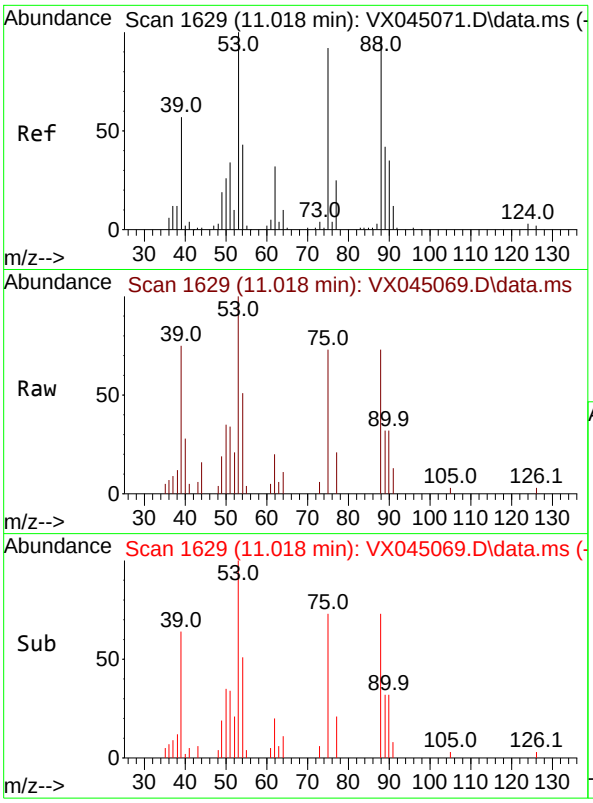


#80
1,3,5-Trimethylbenzene
Concen: 4.897 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion:105 Resp: 23627

Ion	Ratio	Lower	Upper
105	100		
120	47.6	24.1	72.2



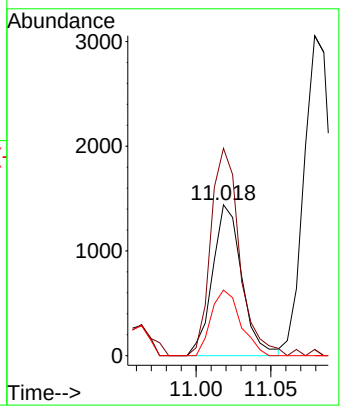


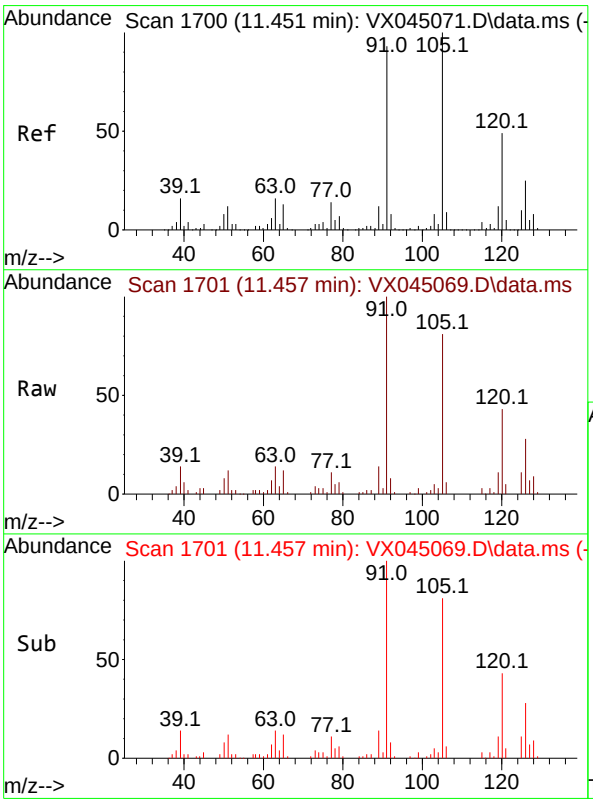
#81
trans-1,4-Dichloro-2-butene
Concen: 3.256 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 75 Resp: 1971

Ion	Ratio	Lower	Upper
75	100		
53	134.1	88.5	132.7#
89	43.4	36.2	54.4

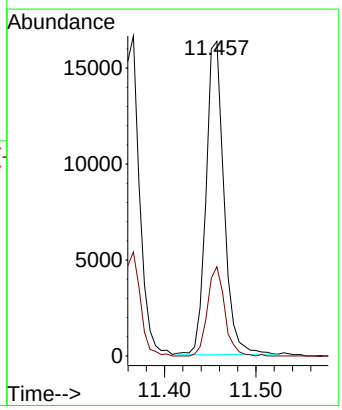


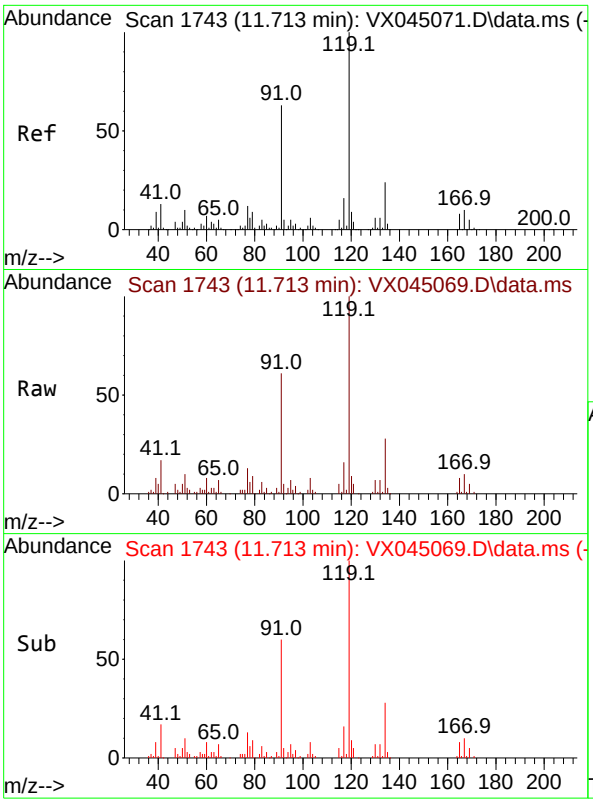


#82
4-Chlorotoluene
Concen: 4.761 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 91 Resp: 22190

Ion	Ratio	Lower	Upper
91	100		
126	27.3	14.1	42.4



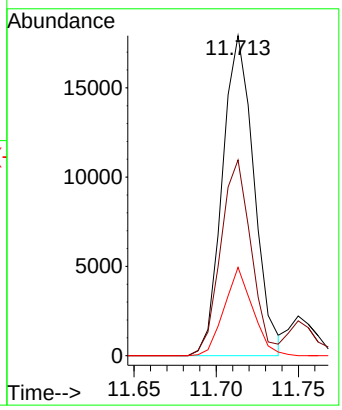


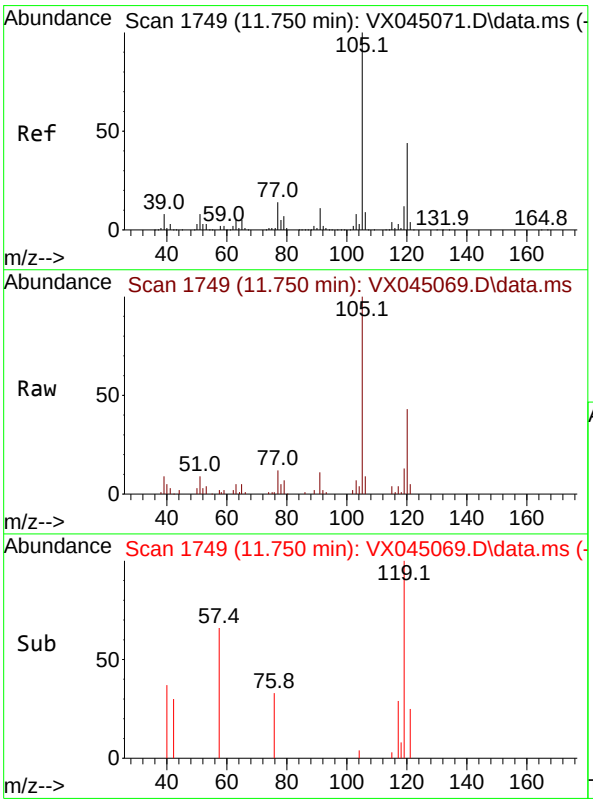
#83
tert-Butylbenzene
Concen: 4.910 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:119 Resp: 23960

Ion	Ratio	Lower	Upper
119	100		
91	59.5	30.7	92.1
134	24.9	11.7	35.0

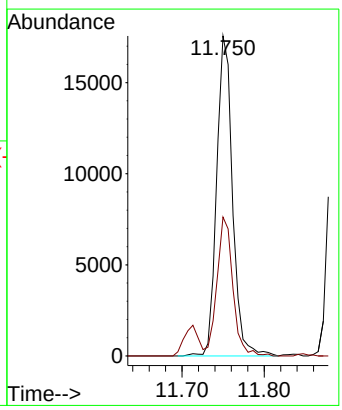


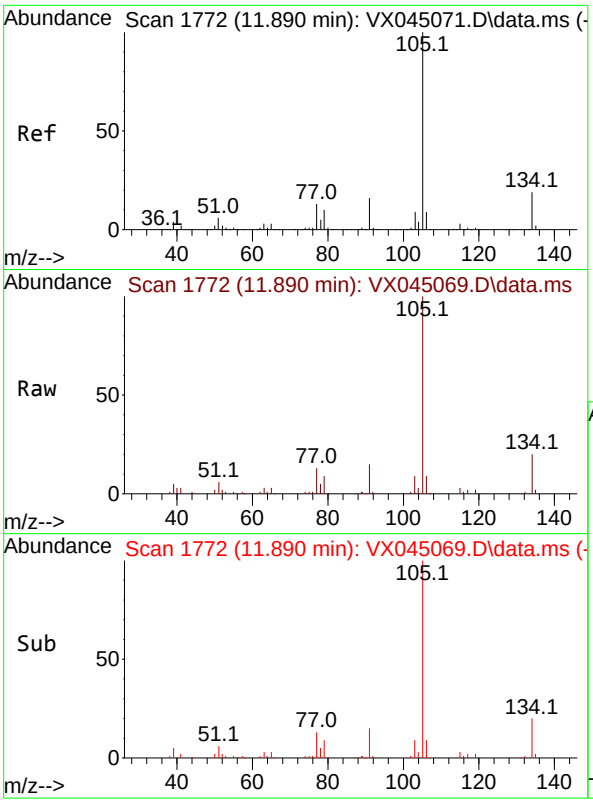


#84
1,2,4-Trimethylbenzene
Concen: 4.960 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion:105 Resp: 23561

Ion	Ratio	Lower	Upper
105	100		
120	43.4	22.1	66.1



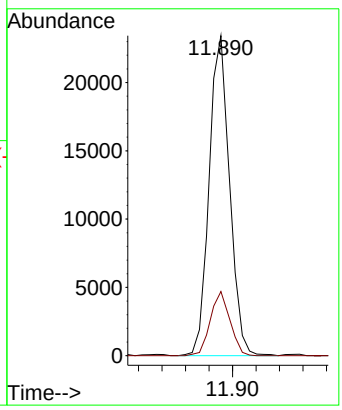


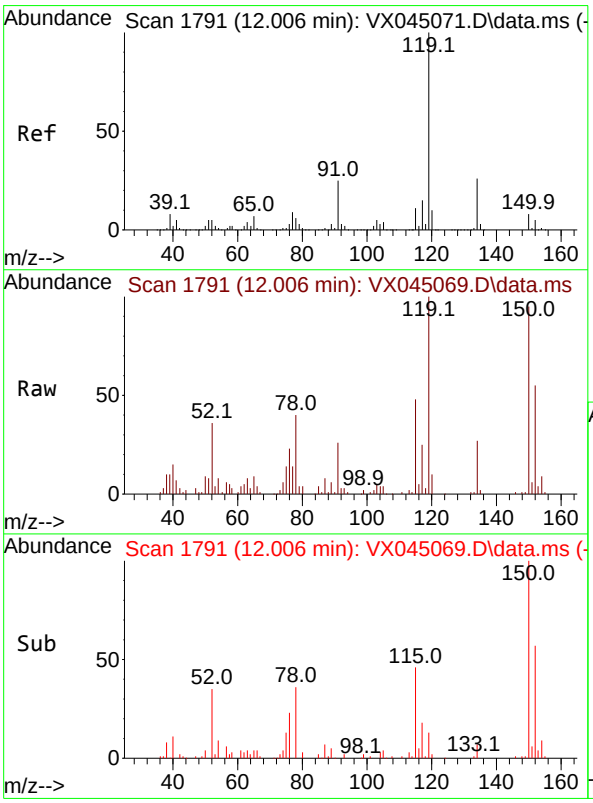
#85
sec-Butylbenzene
Concen: 4.687 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:105 Resp: 28314

Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.8	29.4

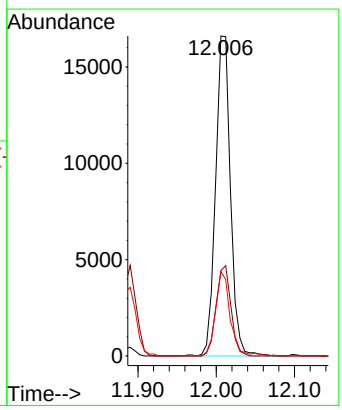


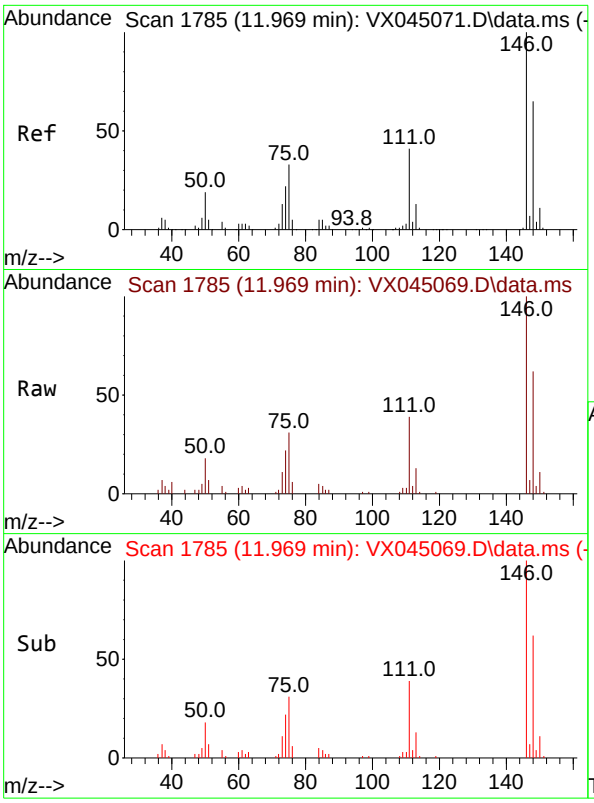


#86
p-Isopropyltoluene
Concen: 4.532 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion:119 Resp: 21977

Ion	Ratio	Lower	Upper
119	100		
134	27.9	12.9	38.6
91	26.1	12.7	38.0



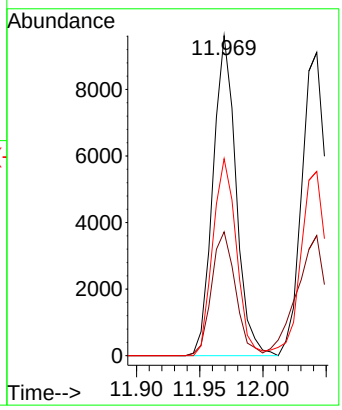


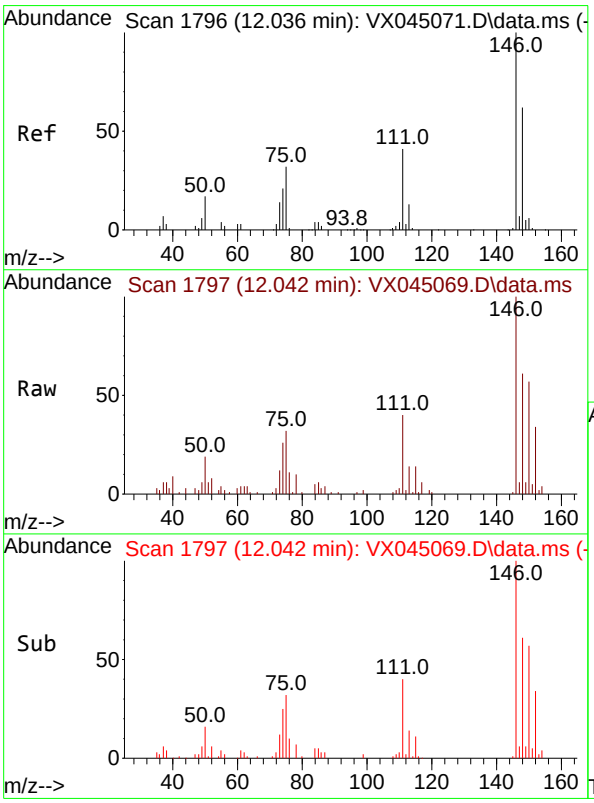
#87
1,3-Dichlorobenzene
Concen: 4.926 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:146 Resp: 12157

Ion	Ratio	Lower	Upper
146	100		
111	40.5	21.1	63.4
148	62.9	31.9	95.7

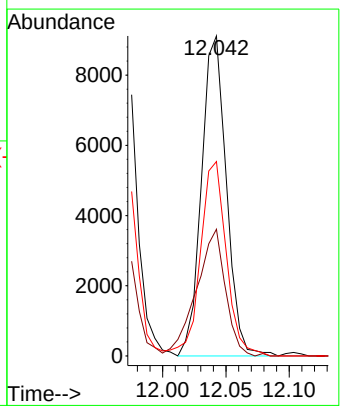


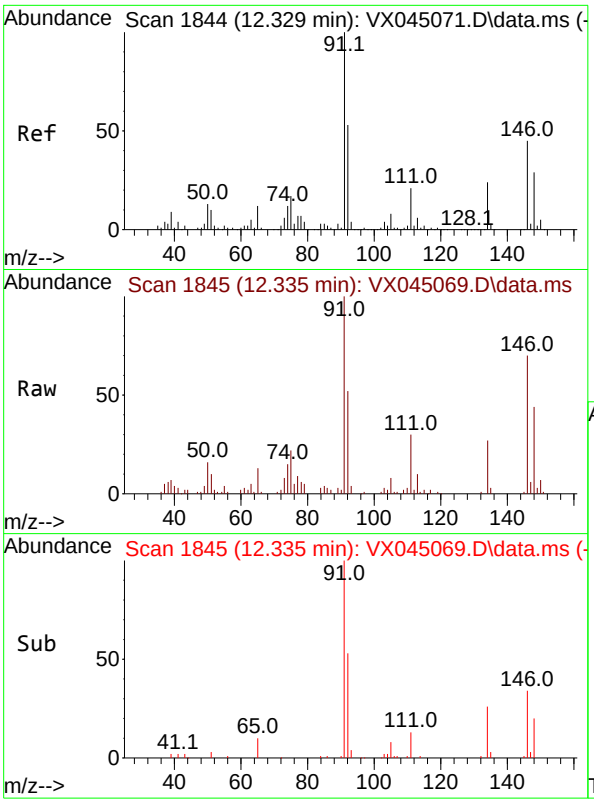


#88
1,4-Dichlorobenzene
Concen: 5.014 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion:146 Resp: 12526

Ion	Ratio	Lower	Upper
146	100		
111	46.2	20.2	60.5
148	63.5	31.9	95.9



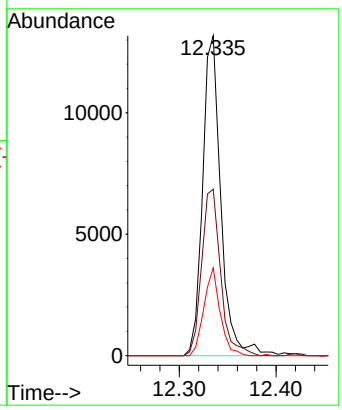


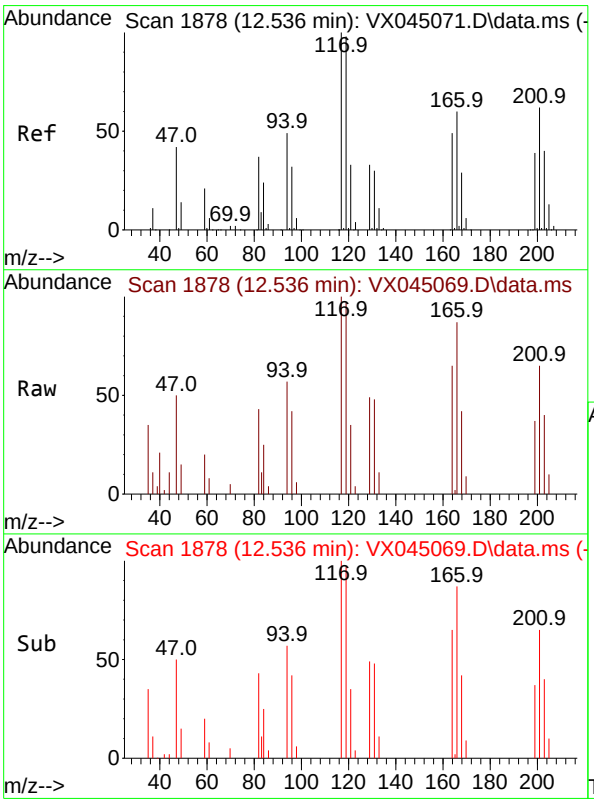
#89
n-Butylbenzene
Concen: 4.072 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 17358

Ion	Ratio	Lower	Upper
91	100		
92	53.9	26.7	80.0
134	24.4	12.2	36.6

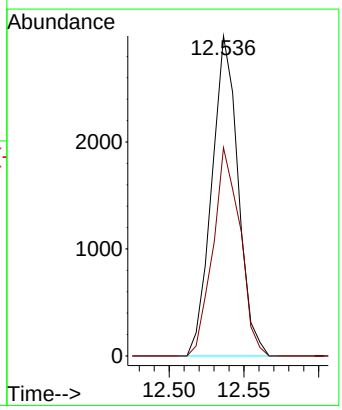


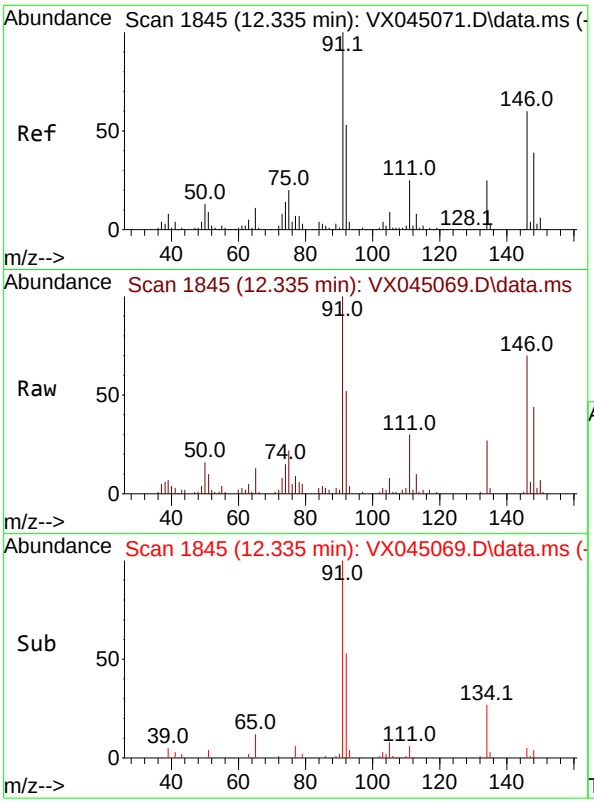


#90
Hexachloroethane
Concen: 4.052 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion:117 Resp: 3665

Ion	Ratio	Lower	Upper
117	100		
201	67.1	31.9	95.9



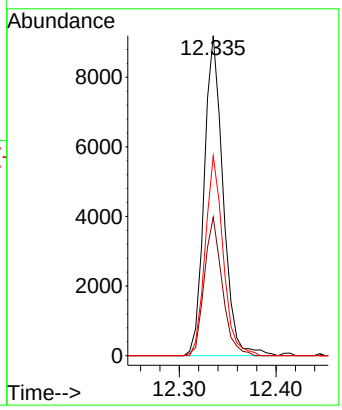


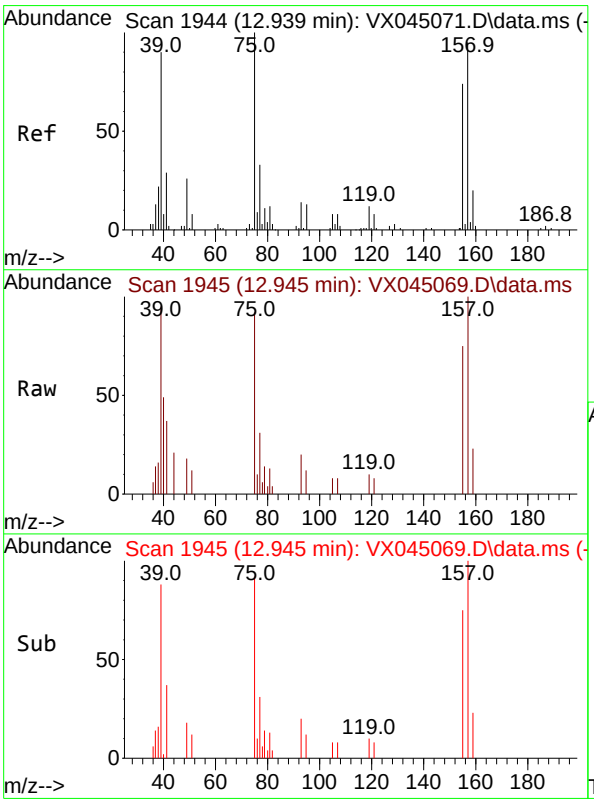
#91
1,2-Dichlorobenzene
Concen: 5.138 ug/l
RT: 12.335 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:146 Resp: 12477

Ion	Ratio	Lower	Upper
146	100		
111	41.2	21.6	65.0
148	59.4	31.9	95.9

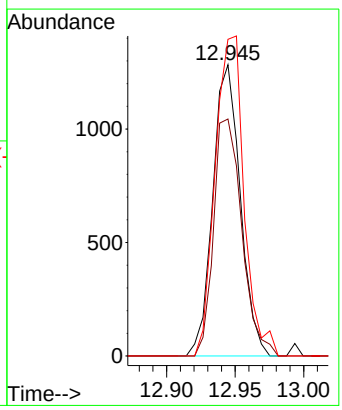


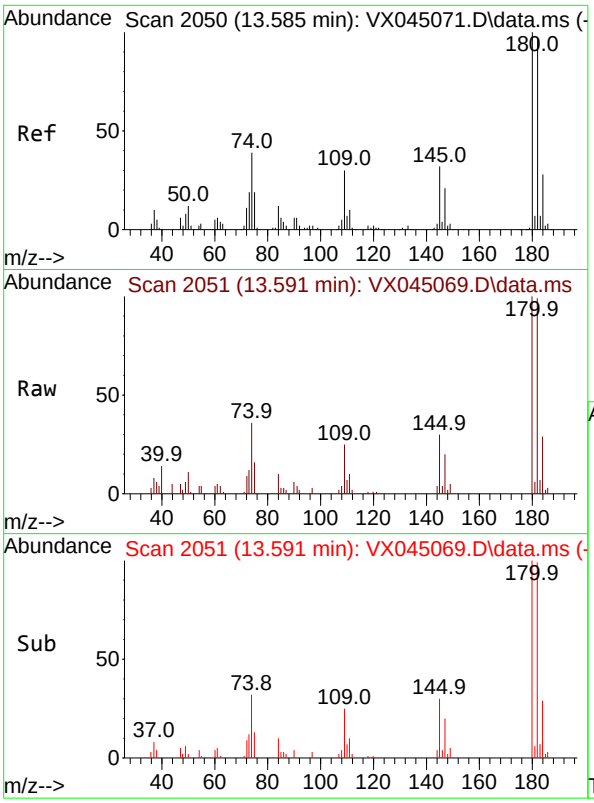


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.712 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 75 Resp: 1787

Ion	Ratio	Lower	Upper
75	100		
155	83.8	39.6	118.7
157	115.4	51.1	153.4



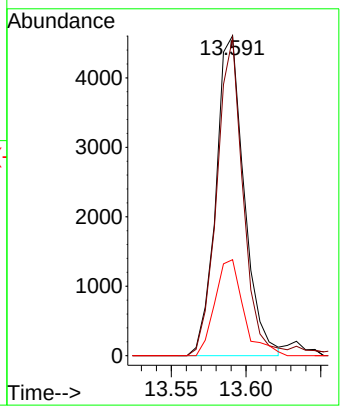


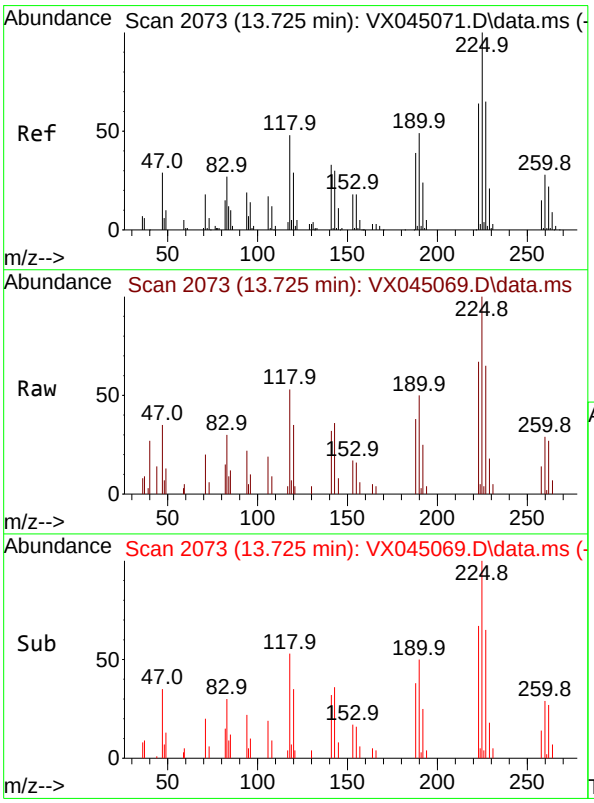
#93
1,2,4-Trichlorobenzene
Concen: 4.114 ug/l
RT: 13.591 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:180 Resp: 6040

Ion	Ratio	Lower	Upper
180	100		
182	92.4	47.3	141.9
145	30.6	16.3	48.9

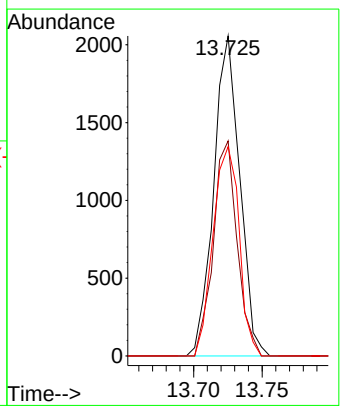


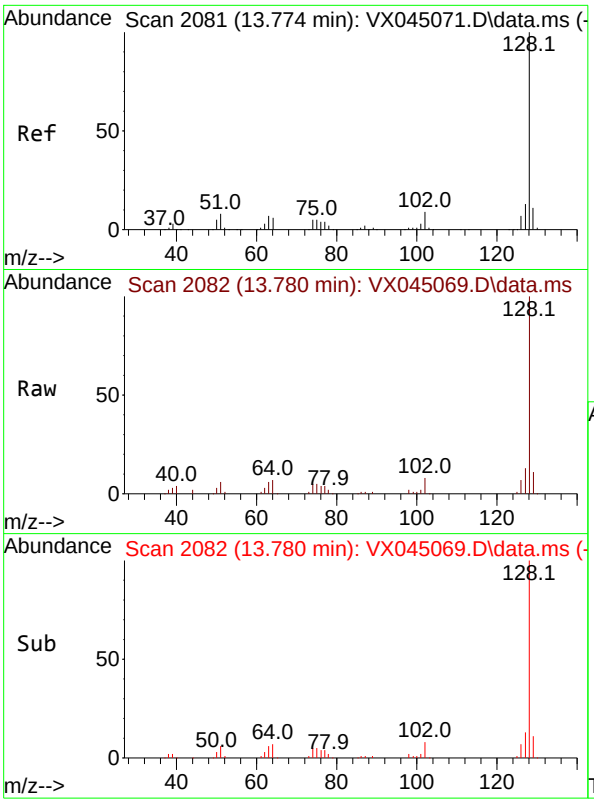


#94
Hexachlorobutadiene
Concen: 4.640 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion:225 Resp: 2716

Ion	Ratio	Lower	Upper
225	100		
223	61.8	31.9	95.7
227	65.5	31.4	94.0



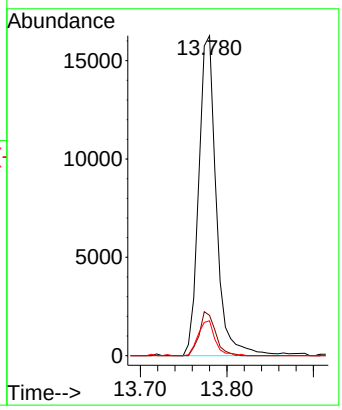


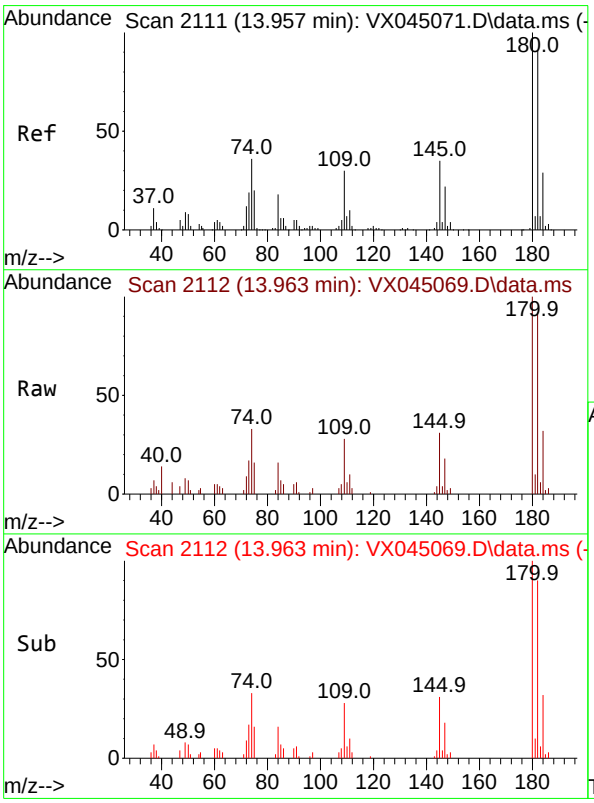
#95
Naphthalene
Concen: 4.287 ug/l
RT: 13.780 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:128 Resp: 22927

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	10.6	8.7	13.1

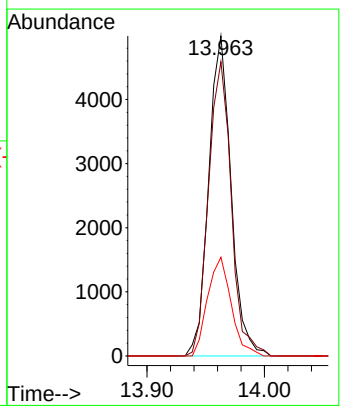




#96
1,2,3-Trichlorobenzene
Concen: 4.437 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion:180 Resp: 6600

Ion	Ratio	Lower	Upper
180	100		
182	93.3	47.5	142.6
145	32.6	17.0	50.9



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045070.D
Acq On : 28 Feb 2025 02:37
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Quant Time: Feb 28 05:33:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.543	168	97338	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	177403	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	157714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	70072	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	30514	21.221	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 42.440%#			
35) Dibromofluoromethane	5.385	113	23739	20.473	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 40.940%#			
50) Toluene-d8	8.646	98	84516	19.469	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 38.940%#			
62) 4-Bromofluorobenzene	11.079	95	27856	19.215	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 38.420%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	25155	18.750	ug/l	95
3) Chloromethane	1.306	50	32219	19.736	ug/l	99
4) Vinyl Chloride	1.373	62	30134	18.899	ug/l	97
5) Bromomethane	1.593	94	11584	23.239	ug/l	99
6) Chloroethane	1.660	64	14237	23.457	ug/l	99
7) Trichlorofluoromethane	1.867	101	40880	20.015	ug/l	99
8) Diethyl Ether	2.135	74	15911	21.437	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.312	101	23154	18.984	ug/l	98
10) Methyl Iodide	2.440	142	29500	18.867	ug/l	100
11) Tert butyl alcohol	2.983	59	31246	118.627	ug/l	98
12) 1,1-Dichloroethene	2.306	96	23810	19.014	ug/l	97
13) Acrolein	2.239	56	33586	117.747	ug/l	99
14) Allyl chloride	2.654	41	42993	19.096	ug/l	100
15) Acrylonitrile	3.068	53	84182	117.598	ug/l	100
16) Acetone	2.385	43	74701	126.257	ug/l	99
17) Carbon Disulfide	2.501	76	61802	18.139	ug/l	99
18) Methyl Acetate	2.709	43	35157	19.729	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	82833	20.689	ug/l	96
20) Methylene Chloride	2.782	84	29281	20.895	ug/l	94
21) trans-1,2-Dichloroethene	3.080	96	23471	19.057	ug/l	97
22) Diisopropyl ether	3.763	45	90378	20.995	ug/l	93
23) Vinyl Acetate	3.721	43	381808	108.038	ug/l	99
24) 1,1-Dichloroethane	3.605	63	49826	20.716	ug/l	99
25) 2-Butanone	4.562	43	118713	124.449	ug/l	97
26) 2,2-Dichloropropane	4.470	77	22886	12.799	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	29788	20.065	ug/l	99
28) Bromochloromethane	4.891	49	23869	20.579	ug/l	99
29) Tetrahydrofuran	5.007	42	77433	122.519	ug/l	99
30) Chloroform	5.086	83	49751	21.147	ug/l	97
31) Cyclohexane	5.464	56	42340	19.181	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	39276	19.831	ug/l	99
36) 1,1-Dichloropropene	5.684	75	31519	18.903	ug/l	99
37) Ethyl Acetate	4.714	43	43097	22.714	ug/l	99
38) Carbon Tetrachloride	5.671	117	31694	19.334	ug/l	97
39) Methylcyclohexane	7.372	83	39769	18.676	ug/l	97
40) Benzene	6.031	78	105787	20.298	ug/l	98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045070.D
Acq On : 28 Feb 2025 02:37
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Quant Time: Feb 28 05:33:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	23924	23.605	ug/l		97
42) 1,2-Dichloroethane	6.086	62	38653	22.886	ug/l		99
43) Isopropyl Acetate	6.348	43	66727	22.094	ug/l		99
44) Trichloroethene	7.122	130	24052	20.191	ug/l		98
45) 1,2-Dichloropropane	7.427	63	27128	20.945	ug/l		99
46) Dibromomethane	7.580	93	19323	21.357	ug/l		97
47) Bromodichloromethane	7.817	83	38038	21.732	ug/l		97
48) Methyl methacrylate	7.695	41	32627	22.757	ug/l		98
49) 1,4-Dioxane	7.665	88	14602	479.170	ug/l		97
51) 4-Methyl-2-Pentanone	8.573	43	229615	124.081	ug/l		98
52) Toluene	8.714	92	63326	20.463	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	30917	17.871	ug/l		97
54) cis-1,3-Dichloropropene	8.366	75	36118	18.675	ug/l		97
55) 1,1,2-Trichloroethane	9.152	97	26358	21.992	ug/l		99
56) Ethyl methacrylate	9.116	69	39850	20.791	ug/l		97
57) 1,3-Dichloropropane	9.305	76	45644	21.836	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	96311	102.342	ug/l		99
59) 2-Hexanone	9.433	43	168768	126.428	ug/l		100
60) Dibromochloromethane	9.518	129	27705	21.668	ug/l		99
61) 1,2-Dibromoethane	9.610	107	26311	21.764	ug/l		98
64) Tetrachloroethene	9.268	164	20140	20.102	ug/l		97
65) Chlorobenzene	10.079	112	68777	20.316	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.158	131	22508	20.627	ug/l		97
67) Ethyl Benzene	10.189	91	119165	19.905	ug/l		100
68) m/p-Xylenes	10.299	106	89735	40.699	ug/l		98
69) o-Xylene	10.640	106	44281	20.018	ug/l		98
70) Styrene	10.652	104	73832	20.767	ug/l		98
71) Bromoform	10.799	173	17403	21.449	ug/l	#	99
73) Isopropylbenzene	10.963	105	112099	19.794	ug/l		99
74) N-amyl acetate	10.841	43	52972	20.606	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	42413	21.738	ug/l		100
76) 1,2,3-Trichloropropane	11.237	75	41754	26.713	ug/l		86
77) Bromobenzene	11.195	156	26310	20.466	ug/l		99
78) n-propylbenzene	11.305	91	128284	19.641	ug/l		100
79) 2-Chlorotoluene	11.359	91	79275	19.775	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	94545	20.581	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.018	75	8759	15.196	ug/l		96
82) 4-Chlorotoluene	11.451	91	86281	19.443	ug/l		98
83) tert-Butylbenzene	11.713	119	93670	20.159	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	94734	20.943	ug/l		100
85) sec-Butylbenzene	11.890	105	115953	20.160	ug/l		100
86) p-Isopropyltoluene	12.006	119	91554	19.827	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	47934	20.400	ug/l		97
88) 1,4-Dichlorobenzene	12.042	146	46657	19.615	ug/l		99
89) n-Butylbenzene	12.329	91	78135	19.249	ug/l		100
90) Hexachloroethane	12.536	117	15919	18.483	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	48632	21.031	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	7987	22.119	ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	27424	19.617	ug/l		99
94) Hexachlorobutadiene	13.725	225	10934	19.616	ug/l		99
95) Naphthalene	13.774	128	108350	21.279	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	28937	20.432	ug/l		98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045070.D
Acq On : 28 Feb 2025 02:37
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Quant Time: Feb 28 05:33:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration

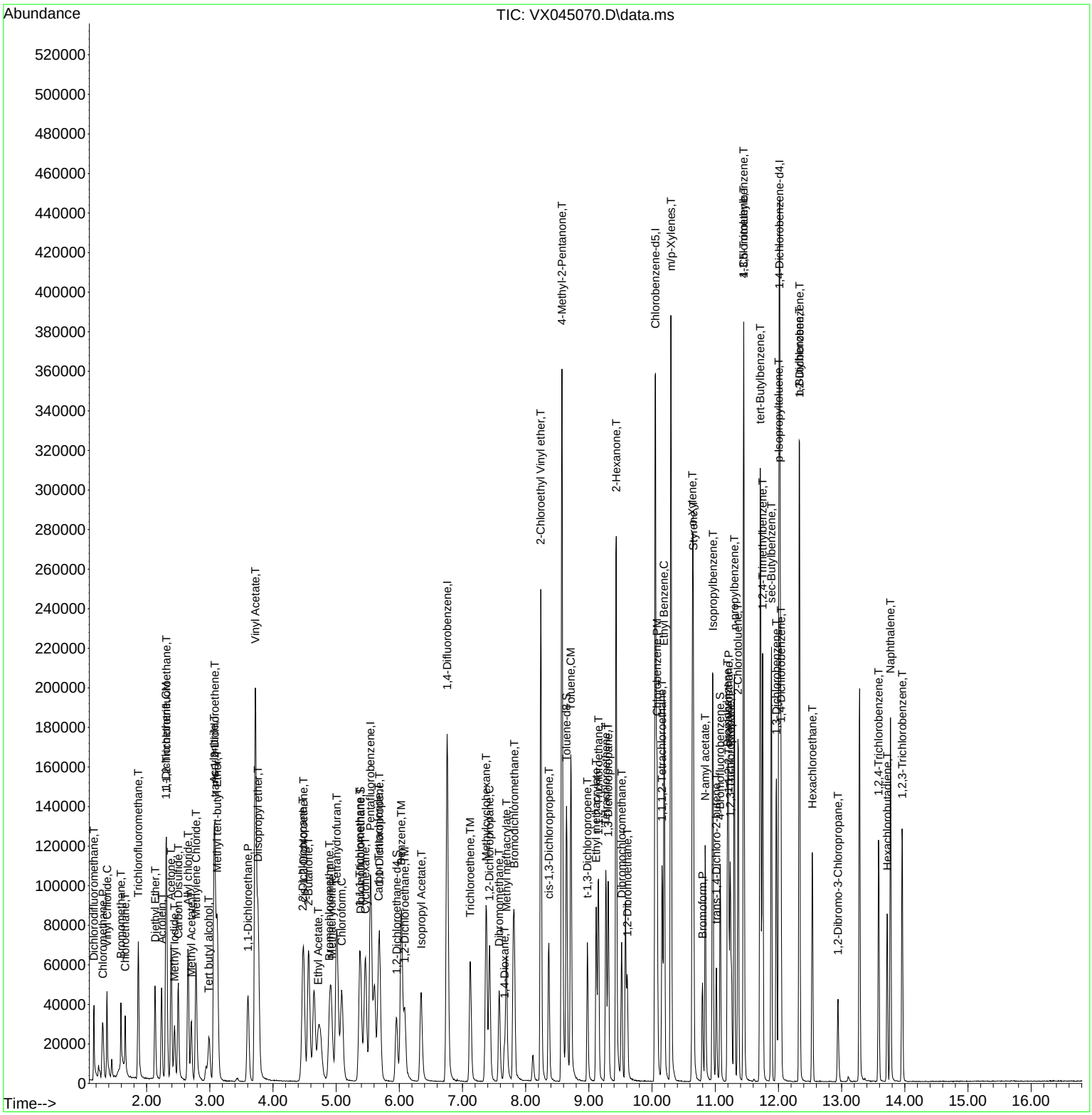
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

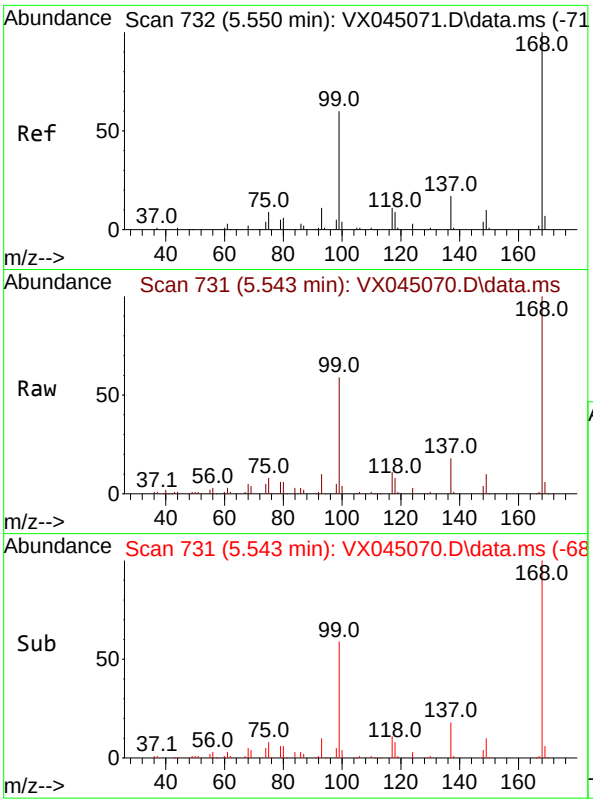
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045070.D
Acq On : 28 Feb 2025 02:37
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Quant Time: Feb 28 05:33:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration



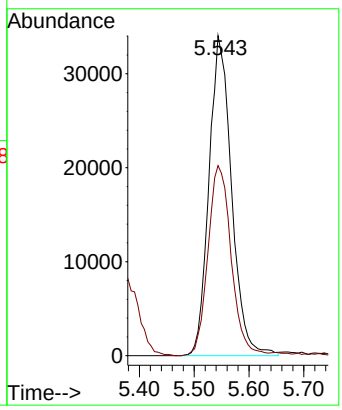


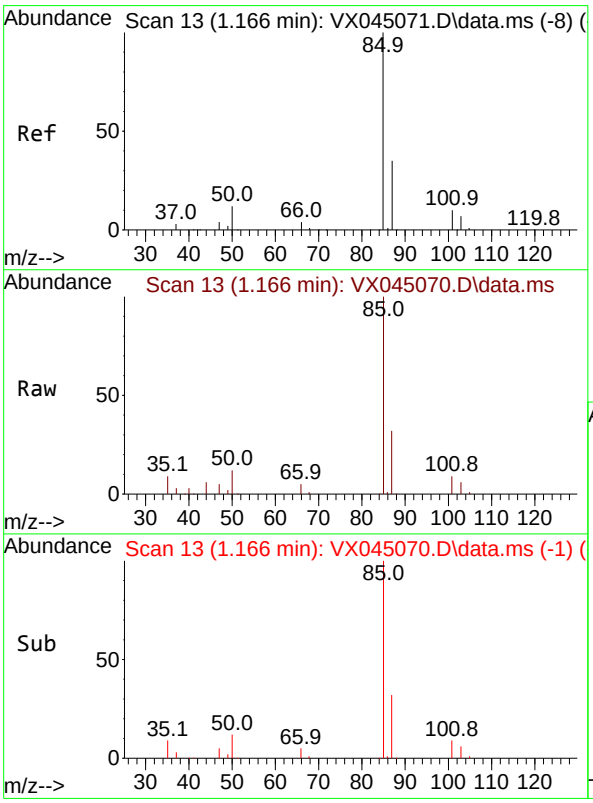
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 7
Delta R.T. -0.007 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:168 Resp: 97338

Ion	Ratio	Lower	Upper
168	100		
99	59.4	48.2	72.4

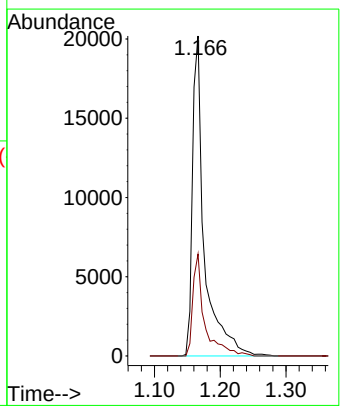


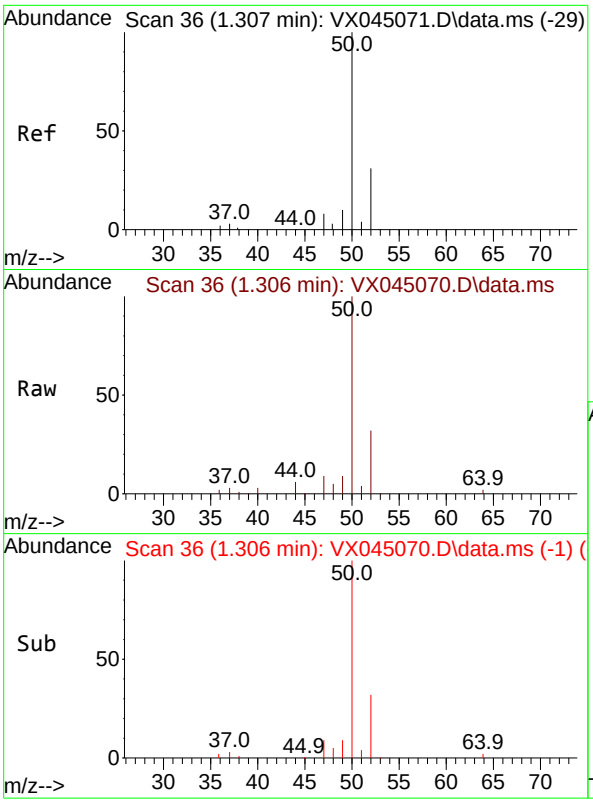


#2
Dichlorodifluoromethane
Concen: 18.750 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 85 Resp: 25155

Ion	Ratio	Lower	Upper
85	100		
87	31.9	17.4	52.3



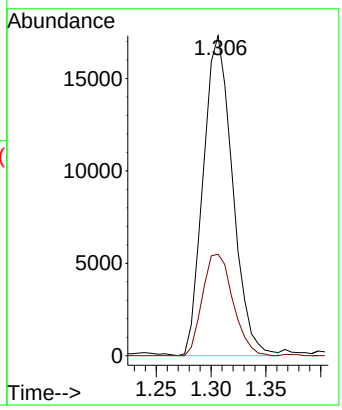


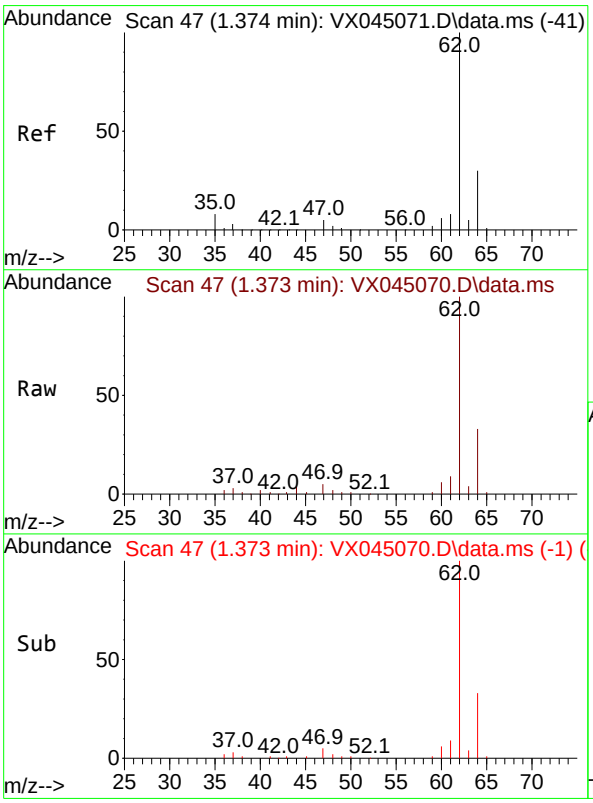
#3
Chloromethane
Concen: 19.736 ug/l
RT: 1.306 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 50 Resp: 32219

Ion	Ratio	Lower	Upper
50	100		
52	31.7	25.0	37.4

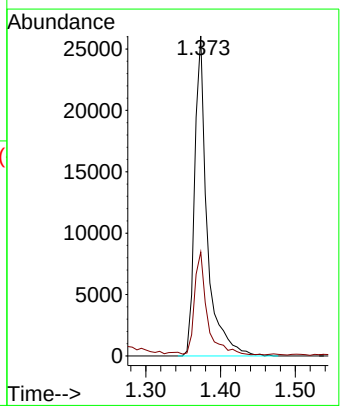


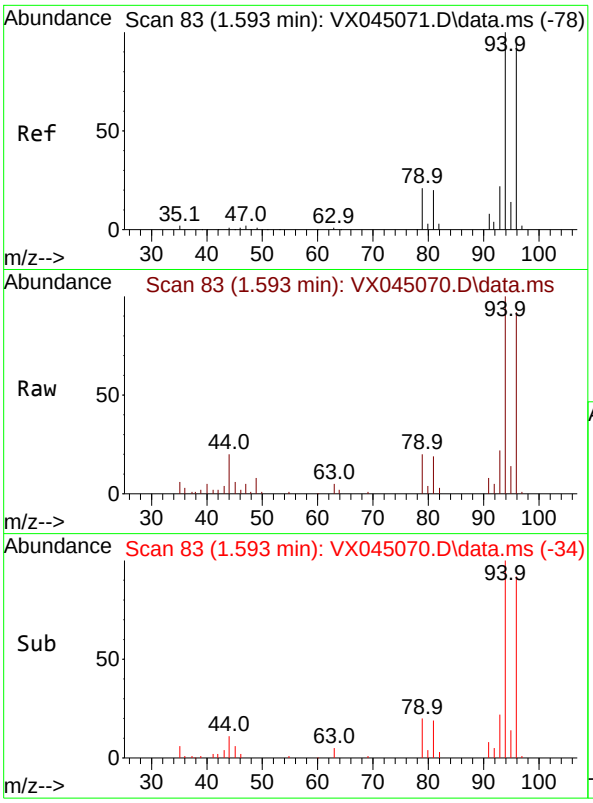


#4
Vinyl Chloride
Concen: 18.899 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 62 Resp: 30134

Ion	Ratio	Lower	Upper
62	100		
64	32.0	24.3	36.5



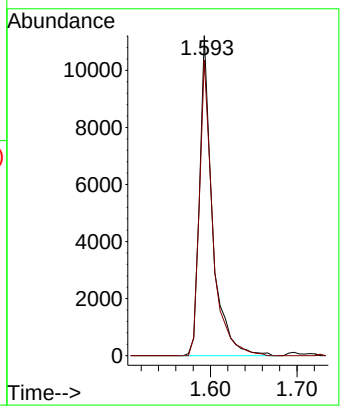


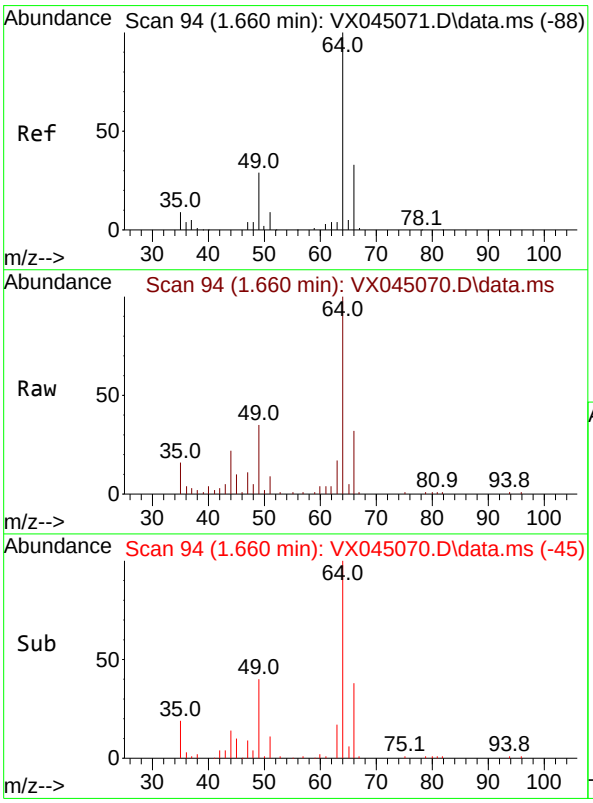
#5
Bromomethane
Concen: 23.239 ug/l
RT: 1.593 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 94 Resp: 11584

Ion	Ratio	Lower	Upper
94	100		
96	92.4	75.0	112.4

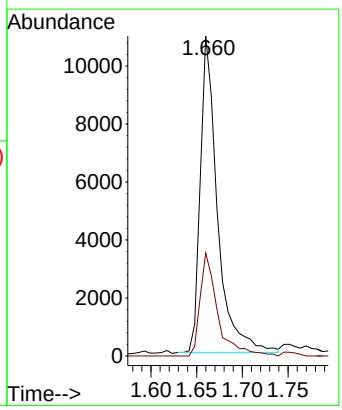


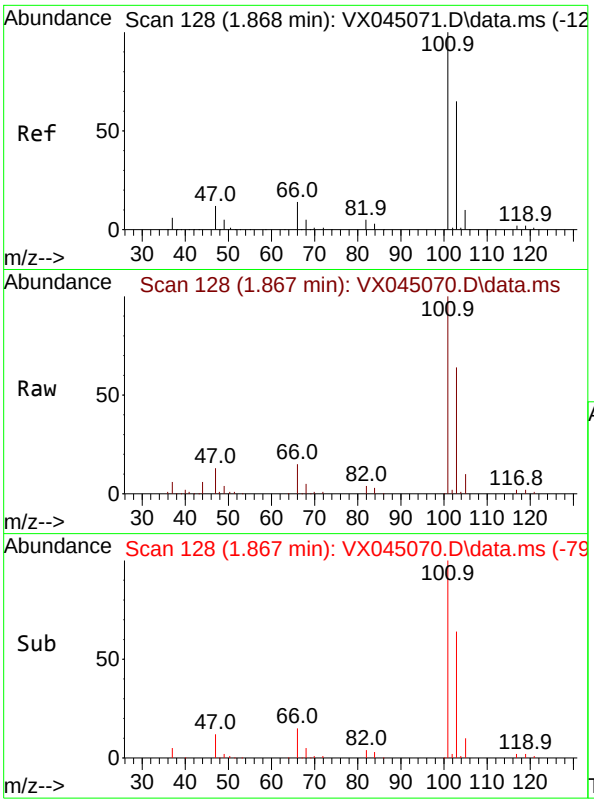


#6
Chloroethane
Concen: 23.457 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 64 Resp: 14237

Ion	Ratio	Lower	Upper
64	100		
66	32.6	26.7	40.1



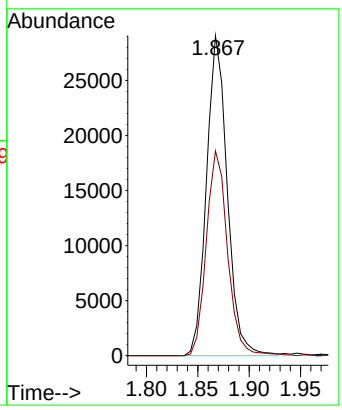


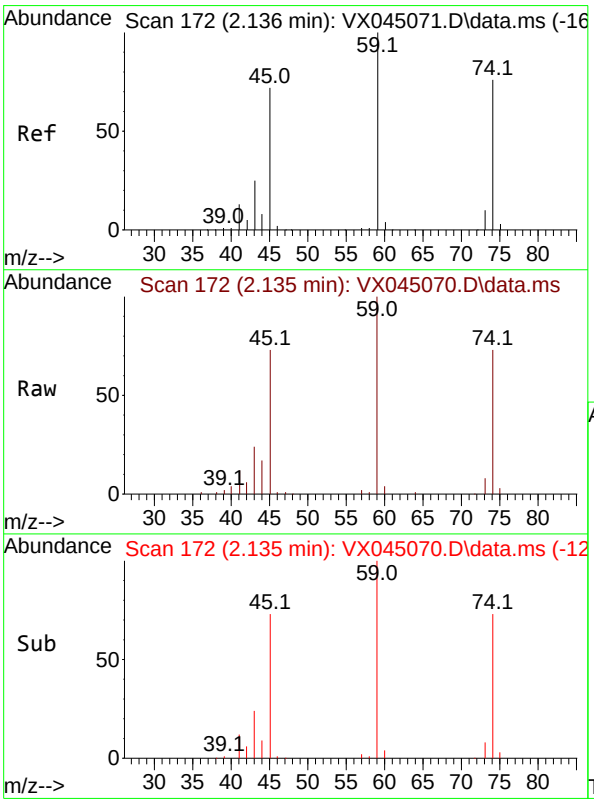
#7
Trichlorofluoromethane
Concen: 20.015 ug/l
RT: 1.867 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 40880

Ion	Ratio	Lower	Upper
101	100		
103	64.0	52.1	78.1

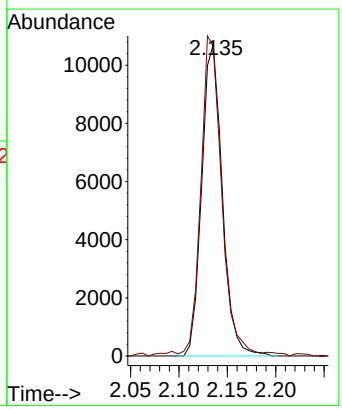


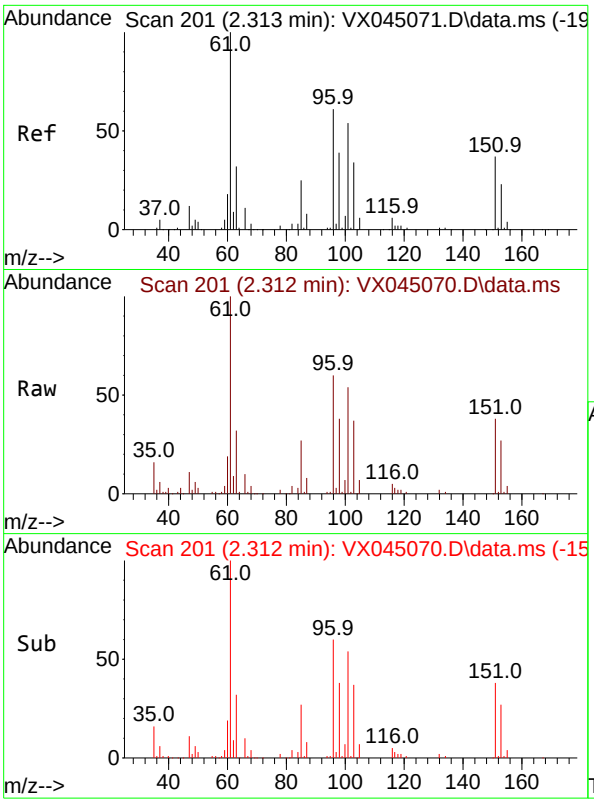


#8
Diethyl Ether
Concen: 21.437 ug/l
RT: 2.135 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 74 Resp: 15911

Ion	Ratio	Lower	Upper
74	100		
45	105.3	51.5	154.5



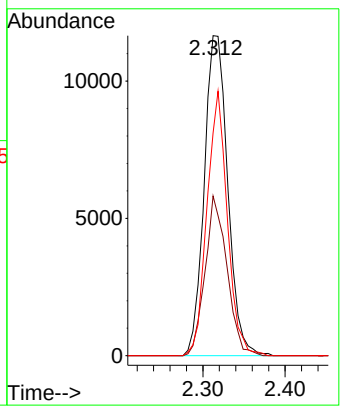


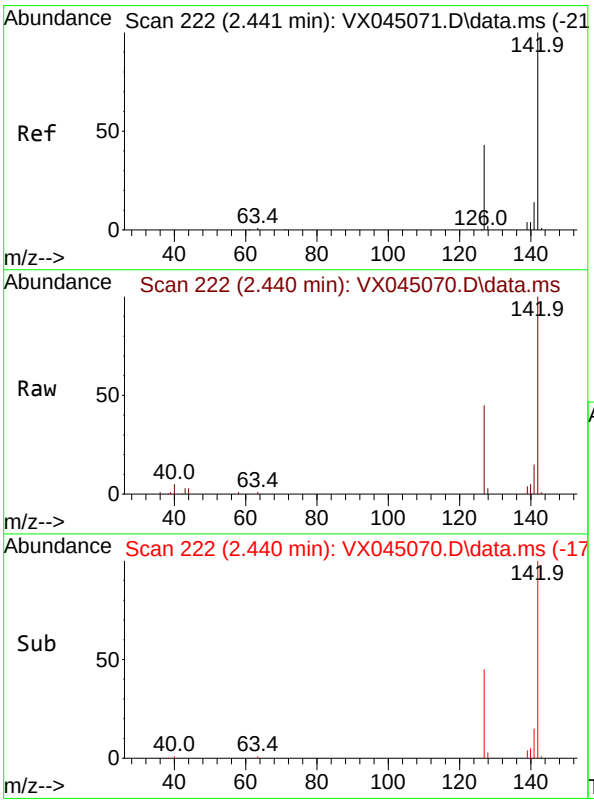
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.984 ug/l
RT: 2.312 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 23154

Ion	Ratio	Lower	Upper
101	100		
85	46.5	36.2	54.4
151	71.8	56.4	84.6

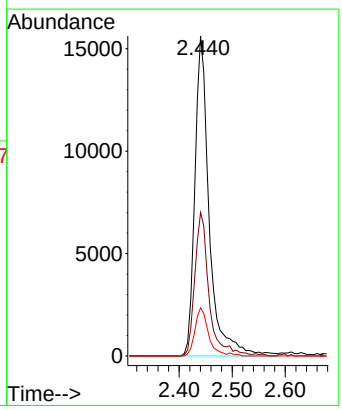


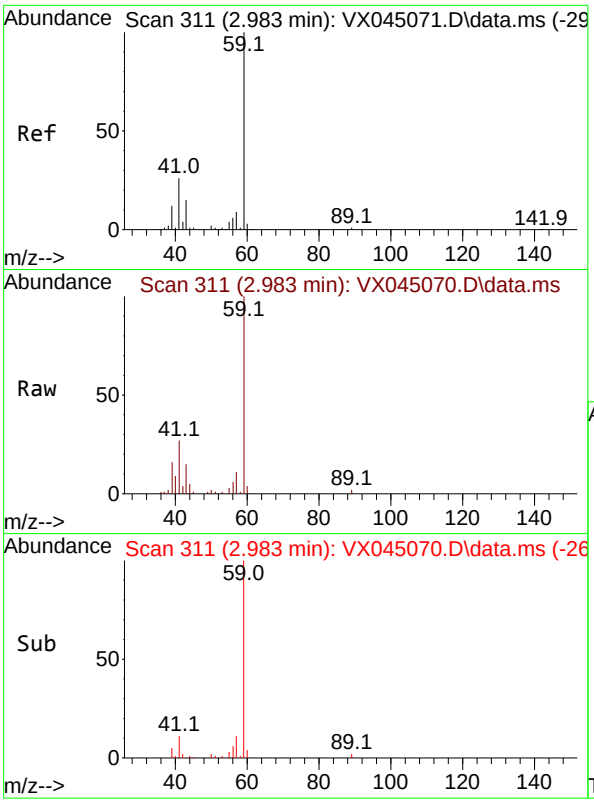


#10
Methyl Iodide
Concen: 18.867 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion:142 Resp: 29500

Ion	Ratio	Lower	Upper
142	100		
127	44.2	35.4	53.2
141	14.3	11.6	17.4



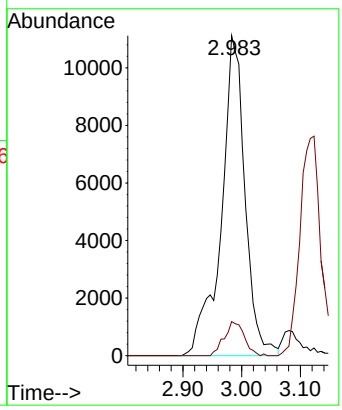


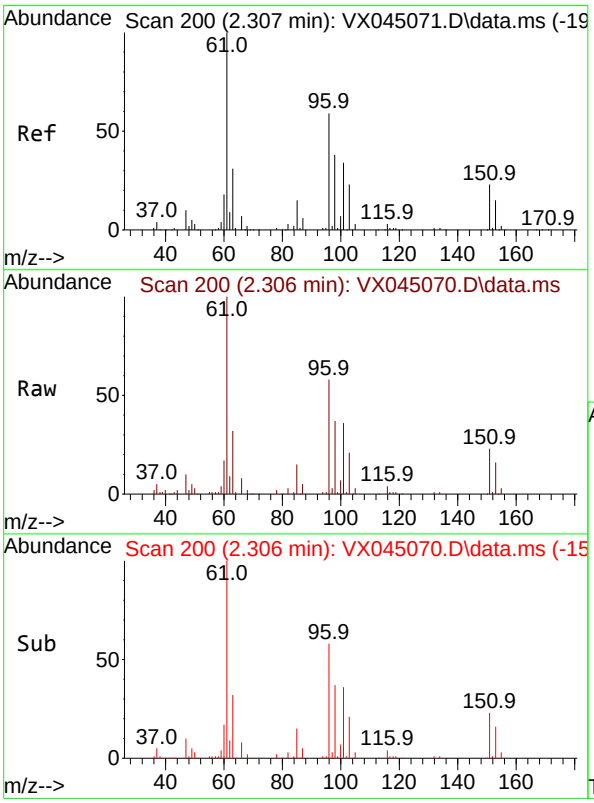
#11
Tert butyl alcohol
Concen: 118.627 ug/l
RT: 2.983 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 59 Resp: 31246

Ion	Ratio	Lower	Upper
59	100		
57	8.9	7.8	11.8

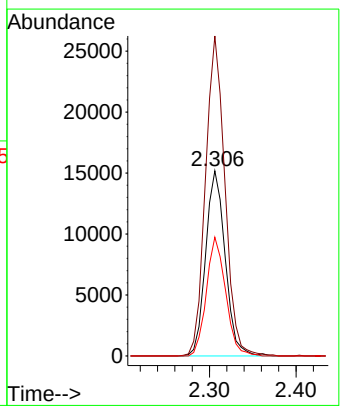


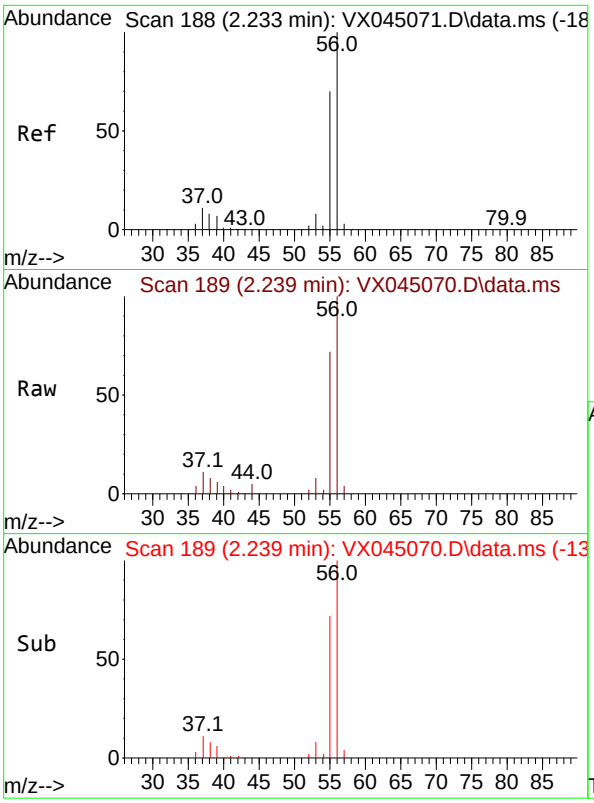


#12
1,1-Dichloroethene
Concen: 19.014 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 96 Resp: 23810

Ion	Ratio	Lower	Upper
96	100		
61	172.8	134.6	202.0
98	64.1	51.0	76.6



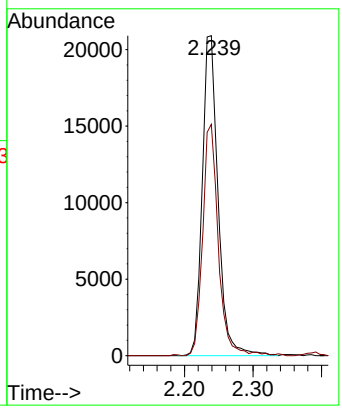


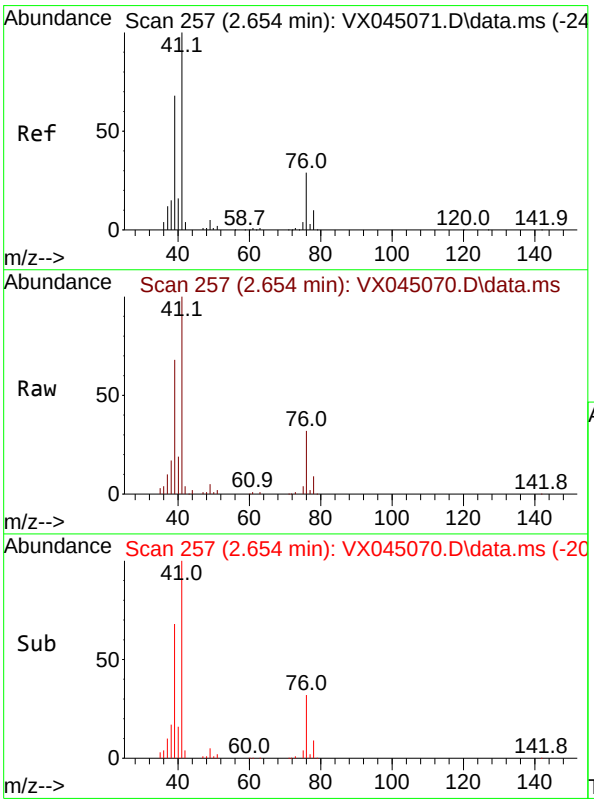
#13
Acrolein
Concen: 117.747 ug/l
RT: 2.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 33586

Ion	Ratio	Lower	Upper
56	100		
55	71.4	56.2	84.4

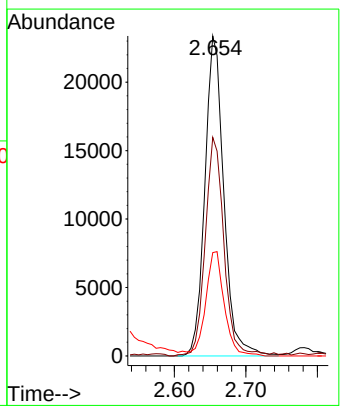


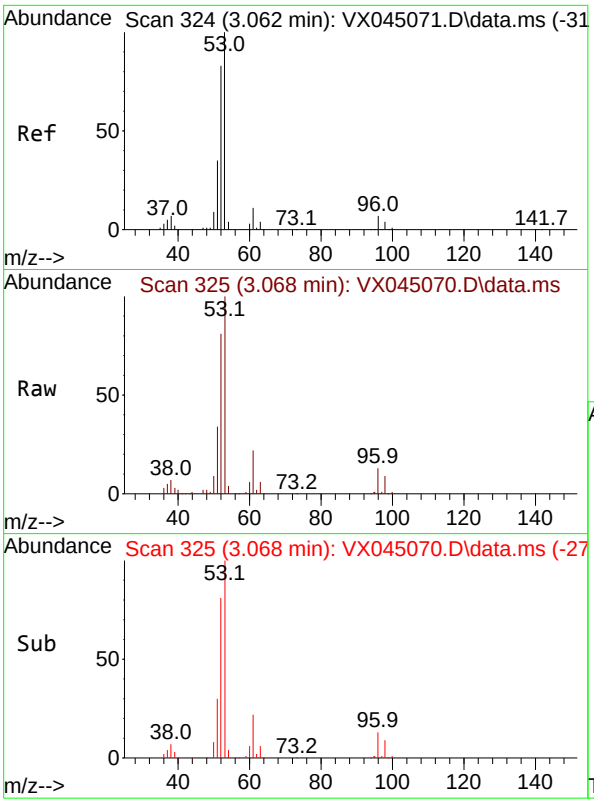


#14
Allyl chloride
Concen: 19.096 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 41 Resp: 42993

Ion	Ratio	Lower	Upper
41	100		
39	67.4	53.8	80.8
76	32.1	25.2	37.8



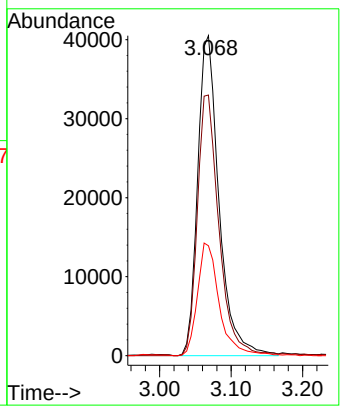


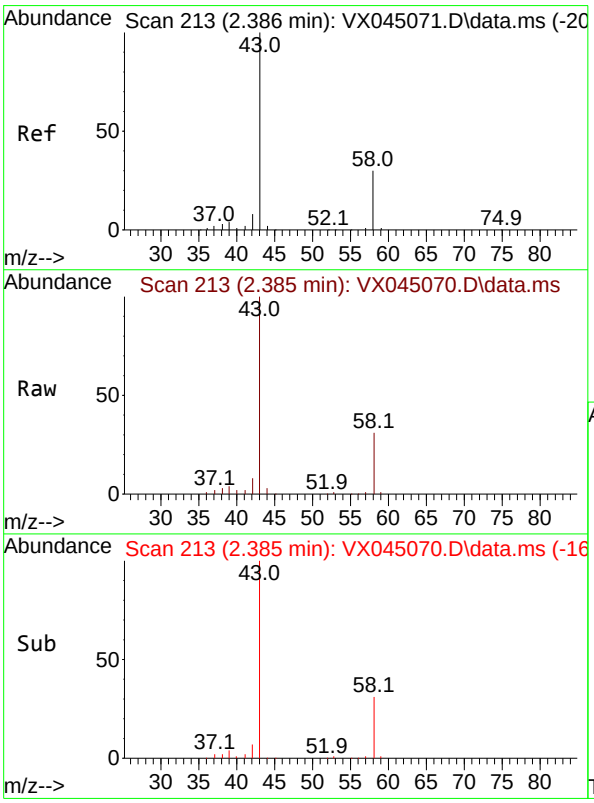
#15
Acrylonitrile
Concen: 117.598 ug/l
RT: 3.068 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 53 Resp: 84182

Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.2	99.2
51	36.0	29.0	43.4

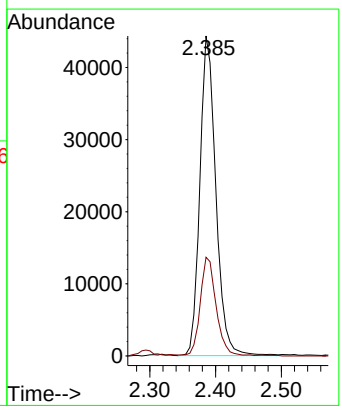


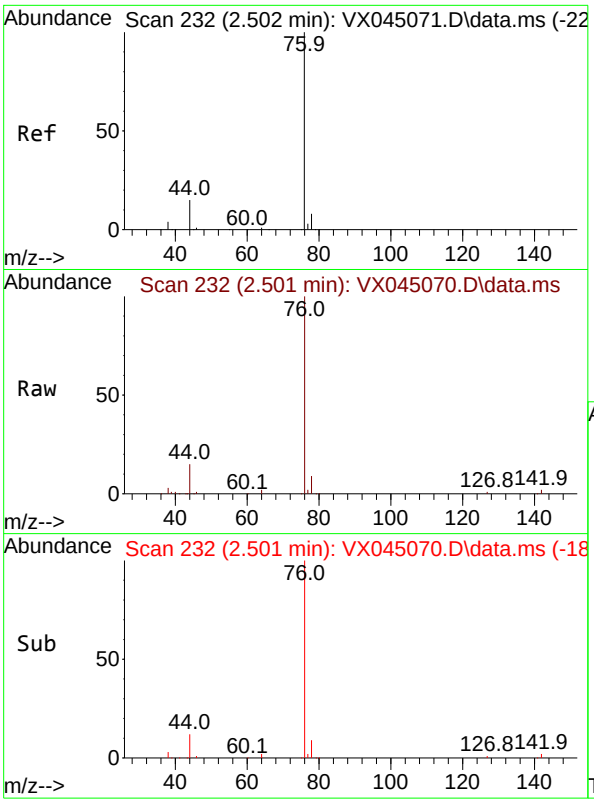


#16
Acetone
Concen: 126.257 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 43 Resp: 74701

Ion	Ratio	Lower	Upper
43	100		
58	30.7	24.2	36.4



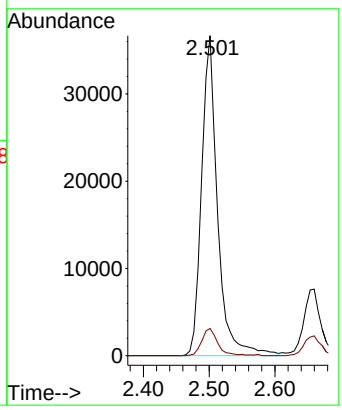


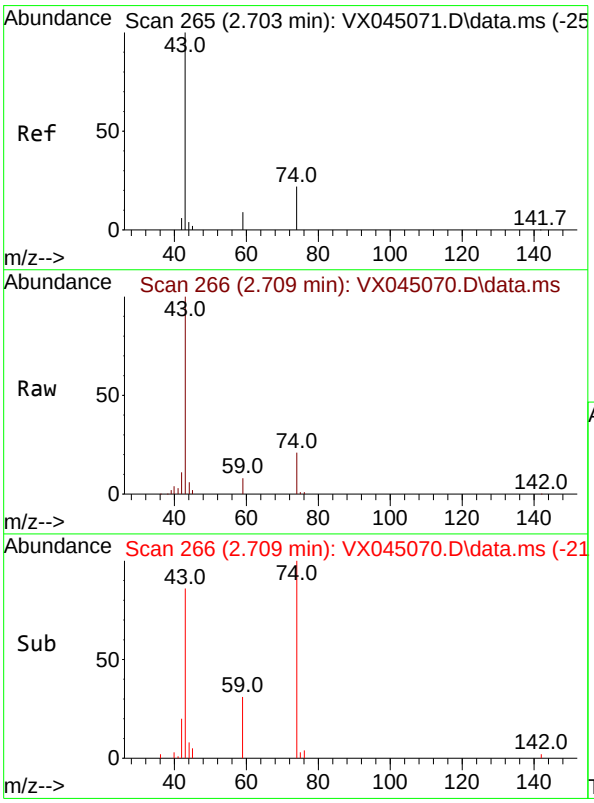
#17
Carbon Disulfide
Concen: 18.139 ug/l
RT: 2.501 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 61802

Ion	Ratio	Lower	Upper
76	100		
78	8.5	6.6	9.8

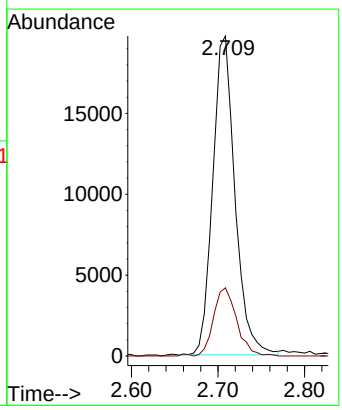


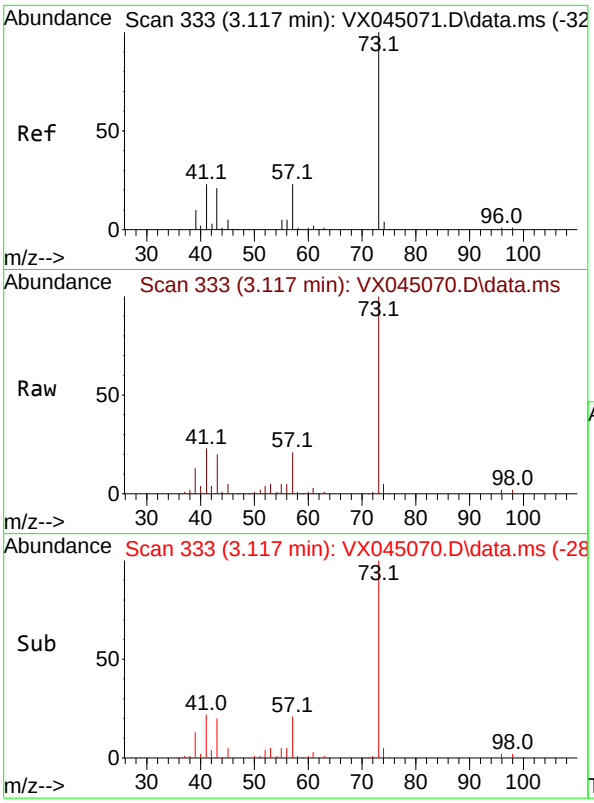


#18
Methyl Acetate
Concen: 19.729 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 43 Resp: 35157

Ion	Ratio	Lower	Upper
43	100		
74	22.2	17.4	26.2



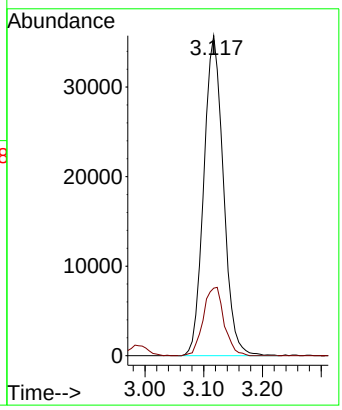


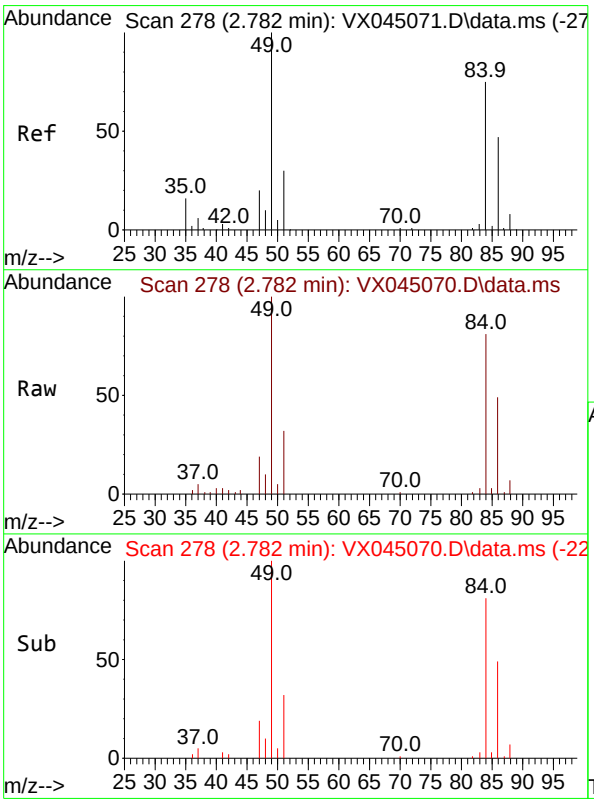
#19
Methyl tert-butyl Ether
Concen: 20.689 ug/l
RT: 3.117 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 82833

Ion	Ratio	Lower	Upper
73	100		
57	21.1	18.5	27.7

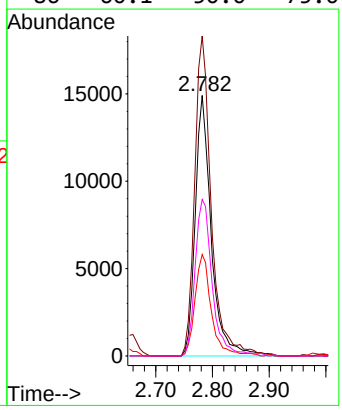


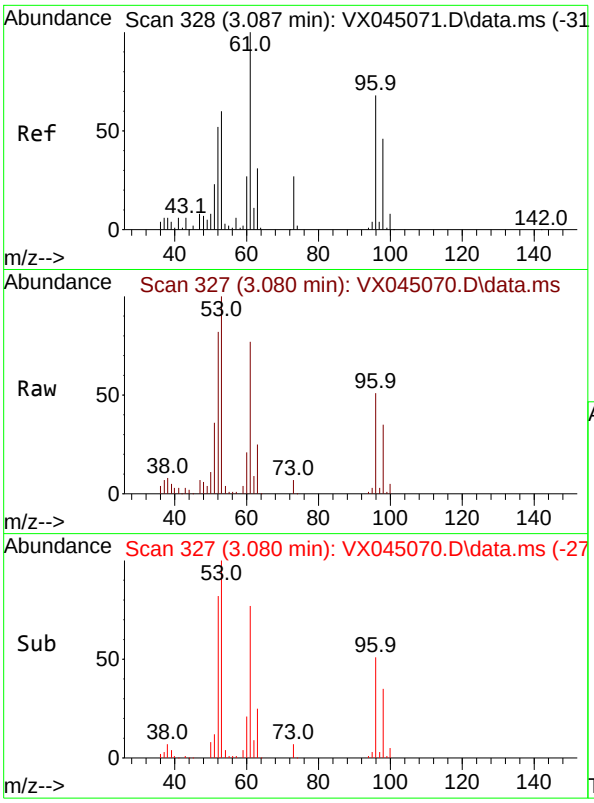


#20
Methylene Chloride
Concen: 20.895 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 84 Resp: 29281

Ion	Ratio	Lower	Upper
84	100		
49	122.9	106.5	159.7
51	38.9	32.1	48.1
86	60.1	50.0	75.0



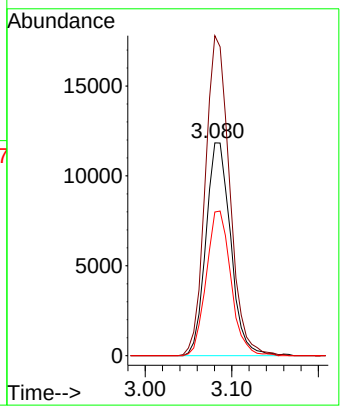


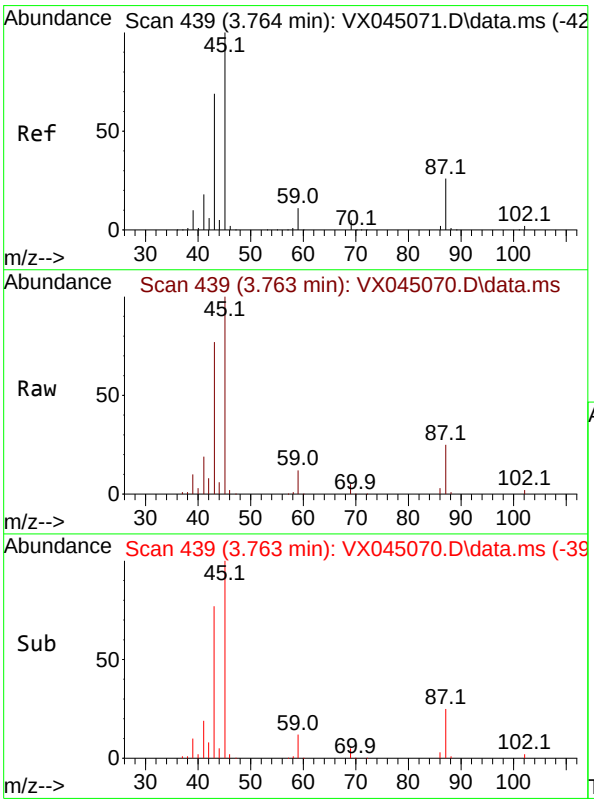
#21
trans-1,2-Dichloroethene
Concen: 19.057 ug/l
RT: 3.080 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 96 Resp: 23471

Ion	Ratio	Lower	Upper
96	100		
61	150.3	117.0	175.4
98	67.5	53.4	80.2

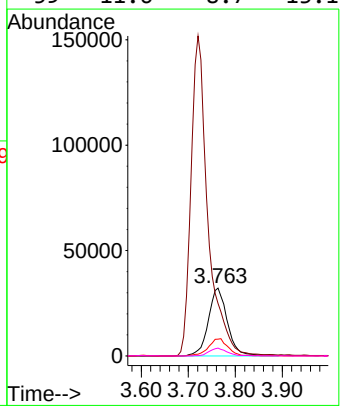


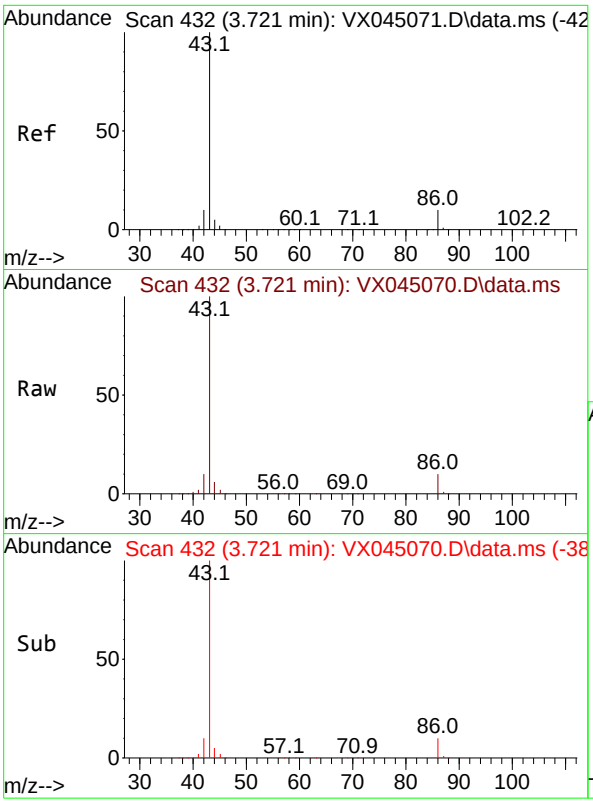


#22
Diisopropyl ether
Concen: 20.995 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 45 Resp: 90378

Ion	Ratio	Lower	Upper
45	100		
43	76.4	54.9	82.3
87	24.7	21.0	31.4
59	11.6	8.7	13.1



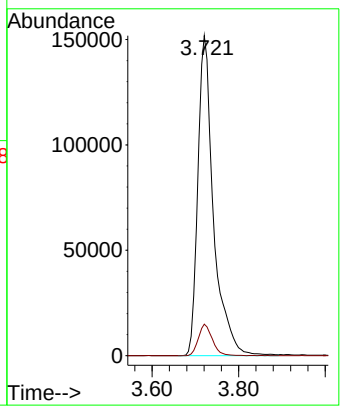


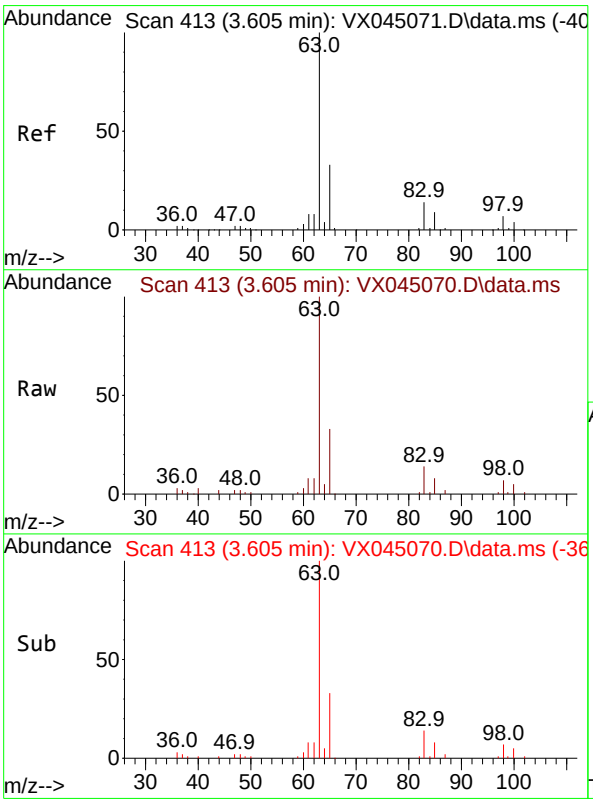
#23
Vinyl Acetate
Concen: 108.038 ug/l
RT: 3.721 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 381808

Ion	Ratio	Lower	Upper
43	100		
86	9.9	8.1	12.1

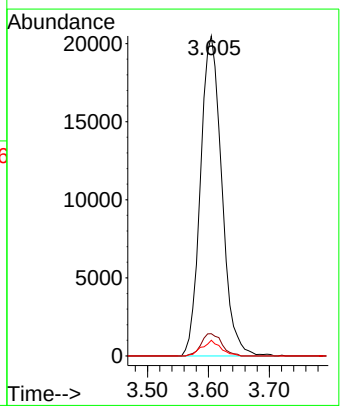


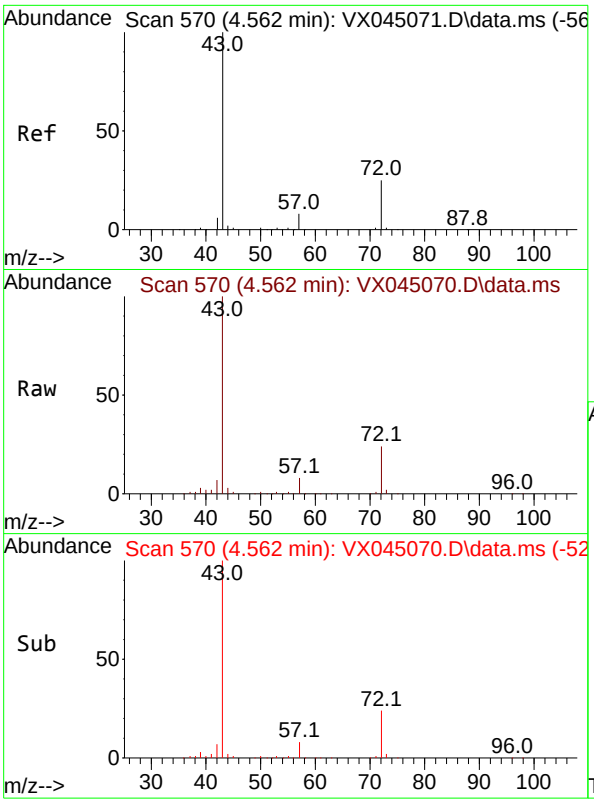


#24
1,1-Dichloroethane
Concen: 20.716 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 63 Resp: 49826

Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.4	10.2
100	4.9	2.1	6.5



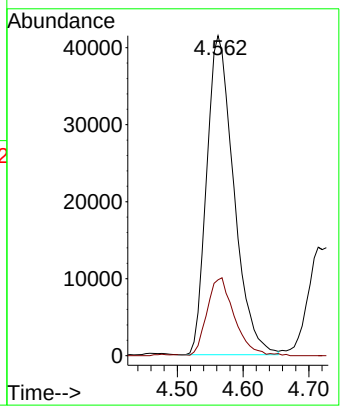


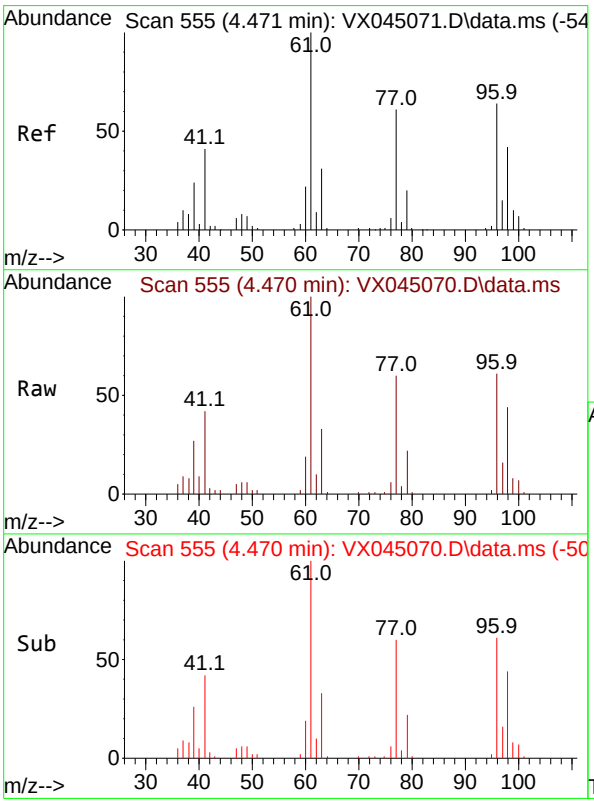
#25
2-Butanone
Concen: 124.449 ug/l
RT: 4.562 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 118713

Ion	Ratio	Lower	Upper
43	100		
72	23.5	20.0	30.0

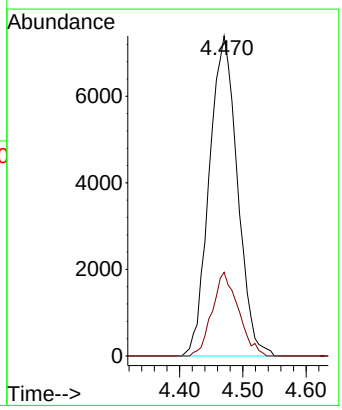


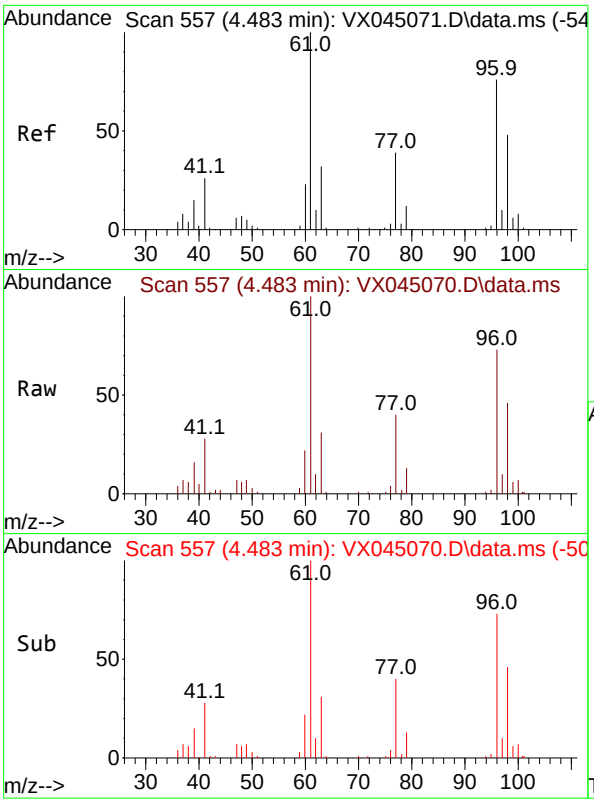


#26
2,2-Dichloropropane
Concen: 12.799 ug/l
RT: 4.470 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 77 Resp: 22886

Ion	Ratio	Lower	Upper
77	100		
97	24.2	12.4	37.0



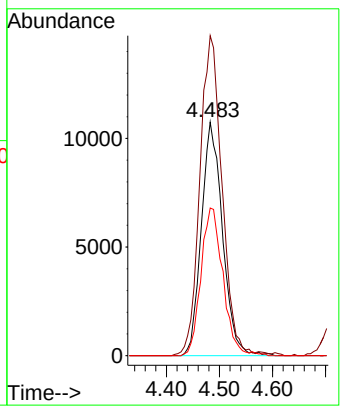


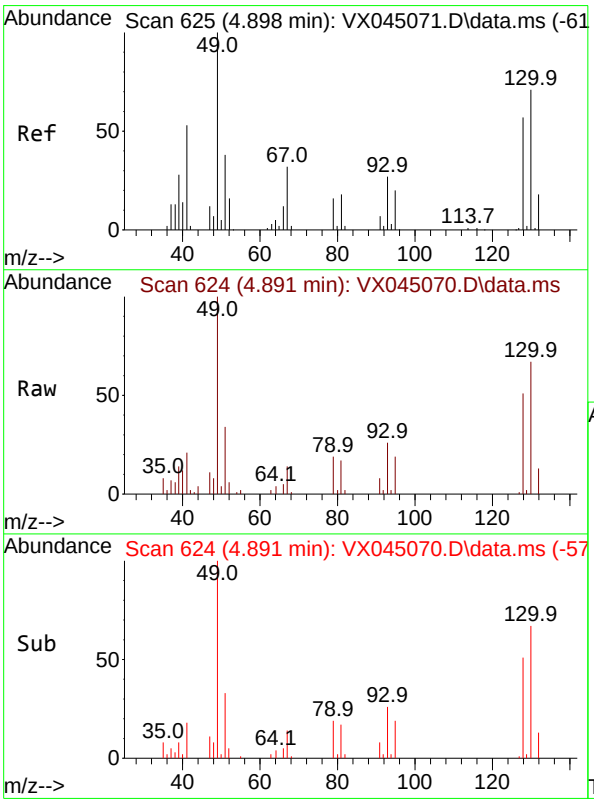
#27
cis-1,2-Dichloroethene
Concen: 20.065 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 96 Resp: 29788

Ion	Ratio	Lower	Upper
96	100		
61	142.7	0.0	283.2
98	65.6	0.0	128.0

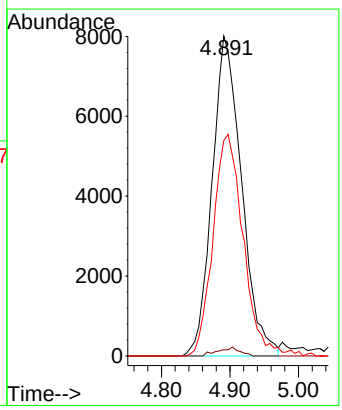


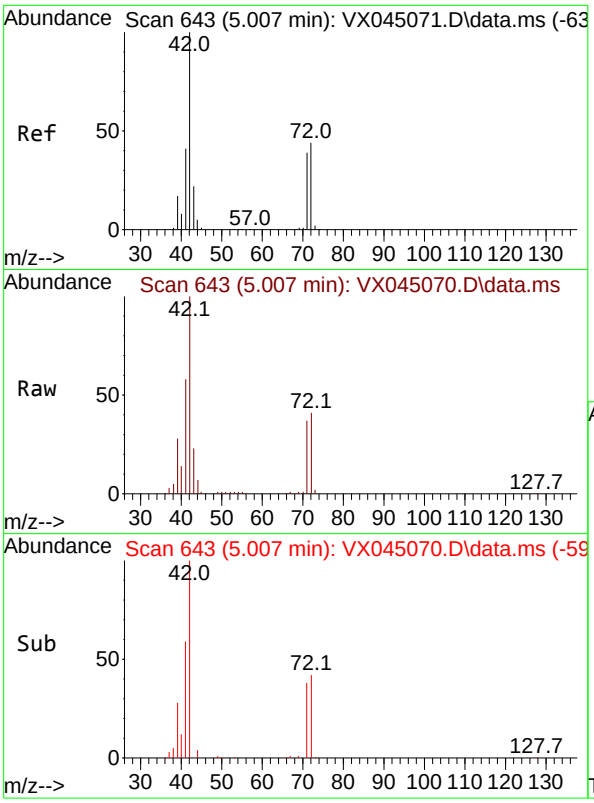


#28
Bromochloromethane
Concen: 20.579 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 49 Resp: 23869

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.4
130	70.6	56.1	84.1



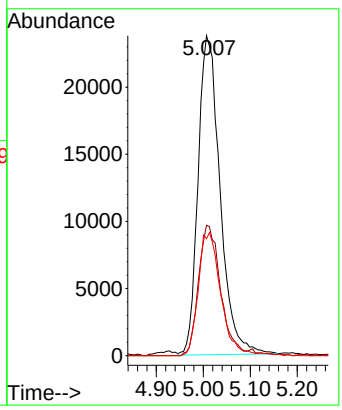


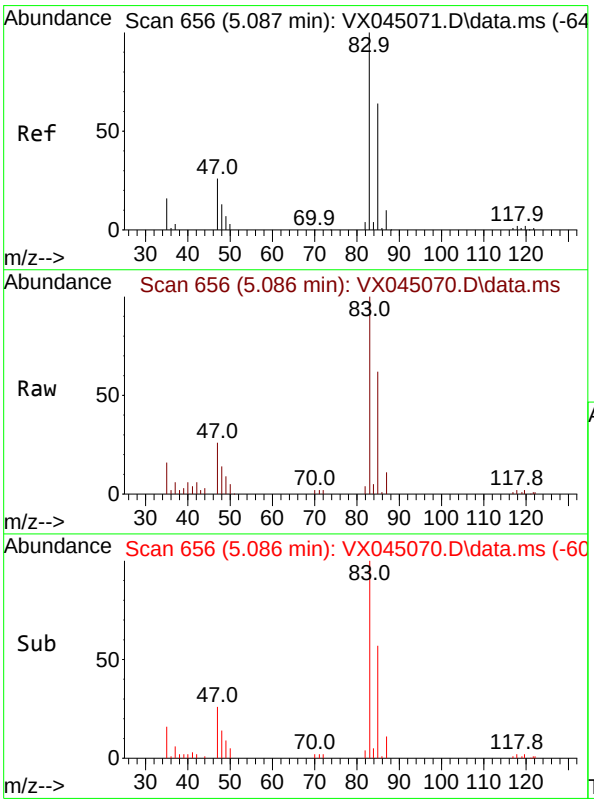
#29
Tetrahydrofuran
Concen: 122.519 ug/l
RT: 5.007 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 42 Resp: 77433

Ion	Ratio	Lower	Upper
42	100		
72	41.0	34.1	51.1
71	39.0	31.4	47.0

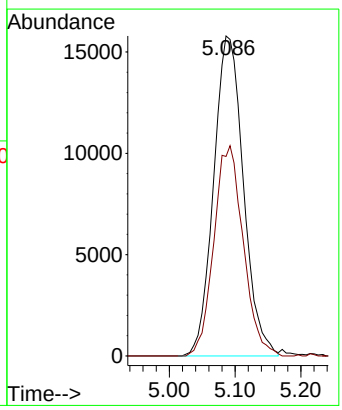


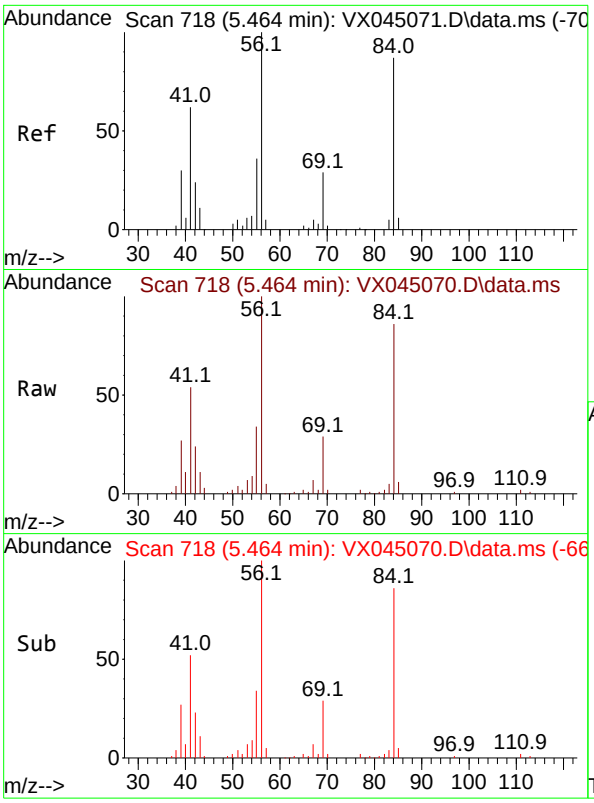


#30
Chloroform
Concen: 21.147 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 83 Resp: 49751

Ion	Ratio	Lower	Upper
83	100		
85	62.3	51.4	77.2



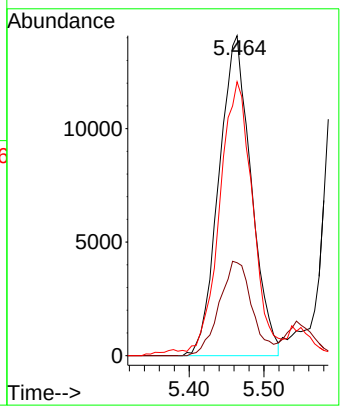


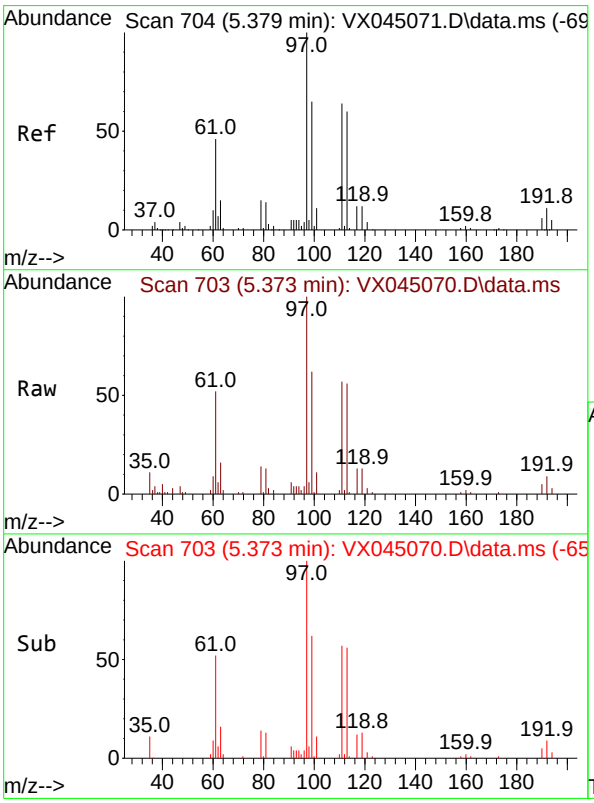
#31
Cyclohexane
Concen: 19.181 ug/l
RT: 5.464 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 42340

Ion	Ratio	Lower	Upper
56	100		
69	29.0	23.4	35.2
84	84.2	69.4	104.2

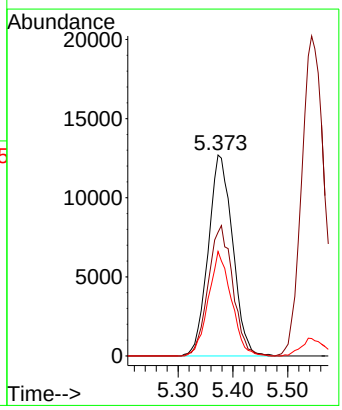


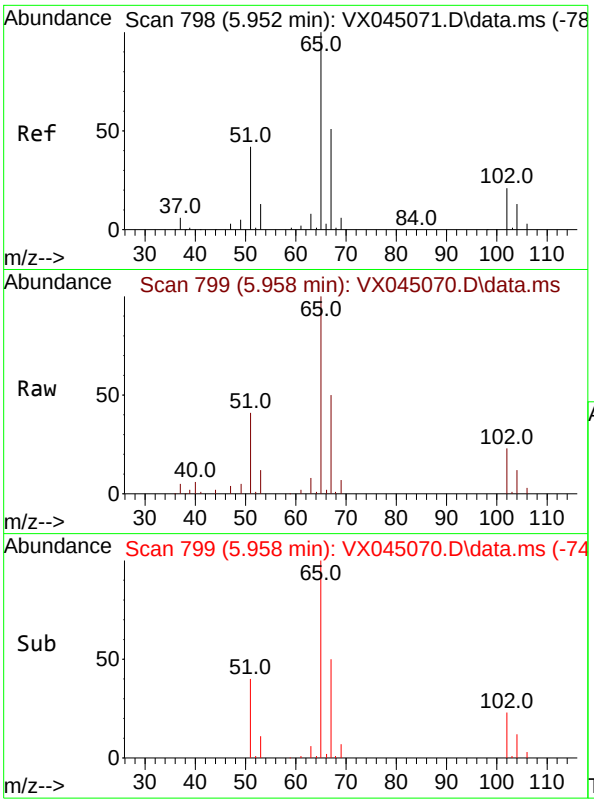


#32
1,1,1-Trichloroethane
Concen: 19.831 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 97 Resp: 39276

Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.6	77.4
61	48.9	38.4	57.6



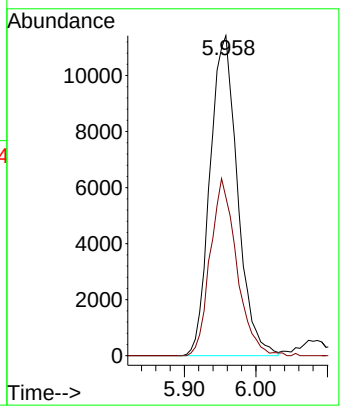


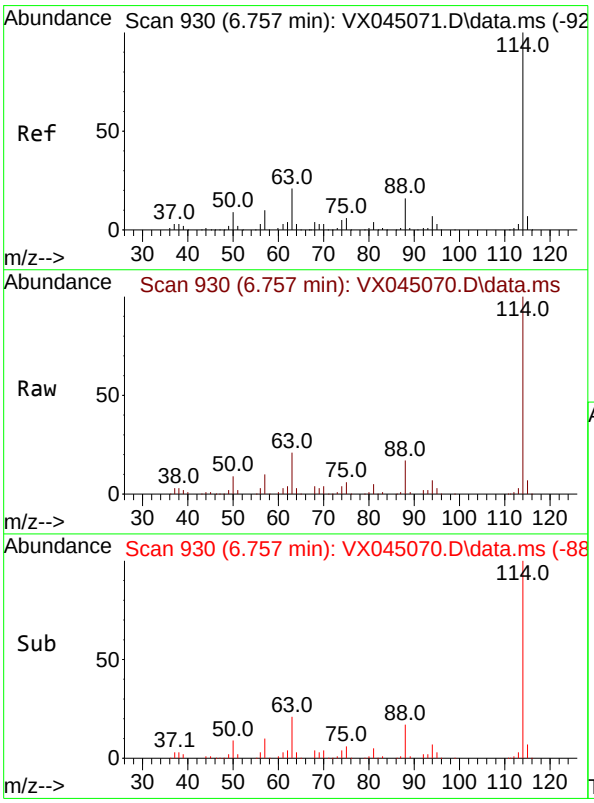
#33
1,2-Dichloroethane-d4
Concen: 21.221 ug/l
RT: 5.958 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 65 Resp: 30514

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	106.2

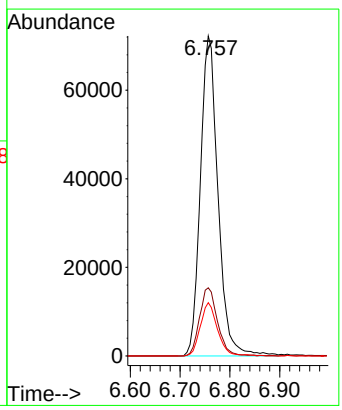


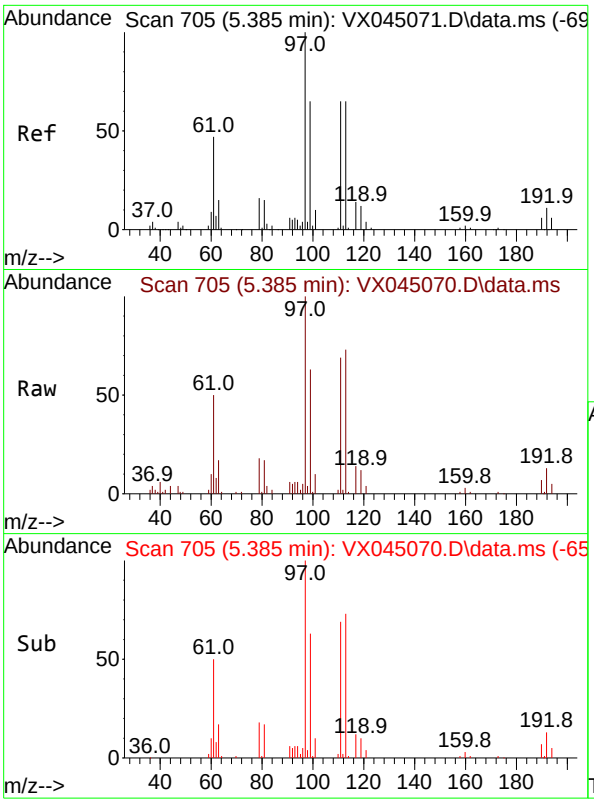


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion:114 Resp: 177403

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	41.8
88	16.6	0.0	32.8



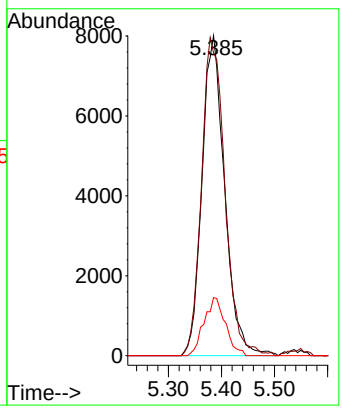


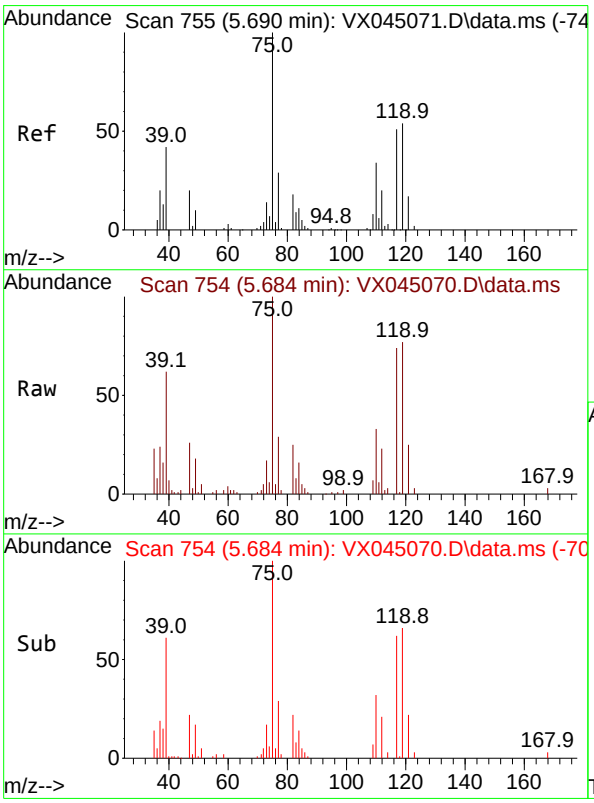
#35
Dibromofluoromethane
Concen: 20.473 ug/l
RT: 5.385 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:113 Resp: 23739

Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.8	122.6
192	17.2	14.3	21.5

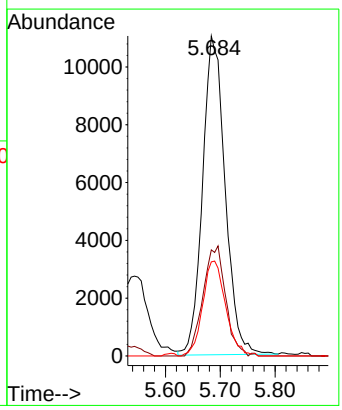


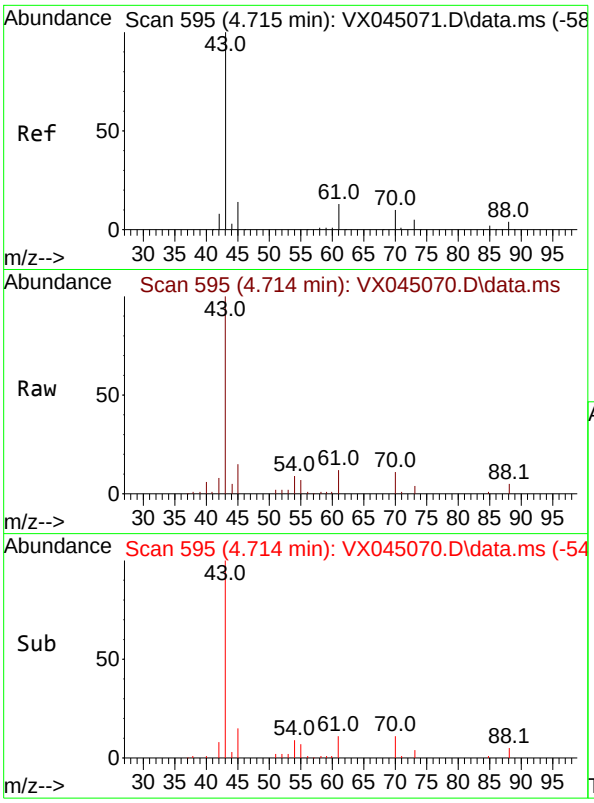


#36
1,1-Dichloropropene
Concen: 18.903 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 75 Resp: 31519

Ion	Ratio	Lower	Upper
75	100		
110	34.4	16.9	50.6
77	30.3	24.5	36.7



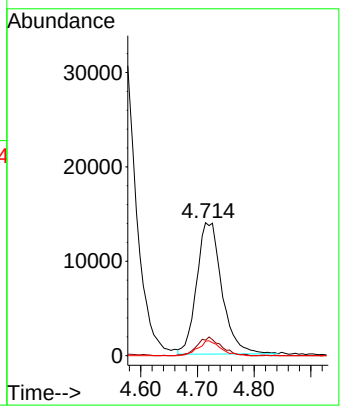


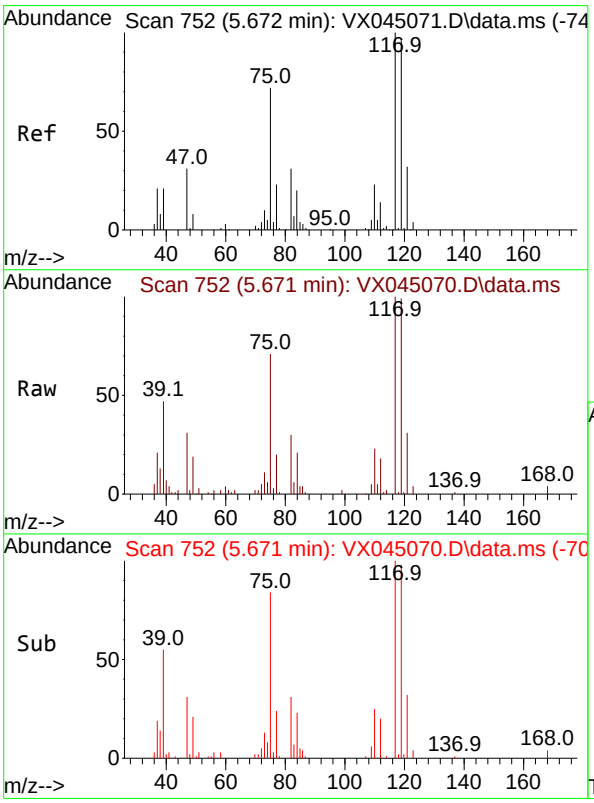
#37
Ethyl Acetate
Concen: 22.714 ug/l
RT: 4.714 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 43097

Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.8	16.2
70	10.1	7.7	11.5

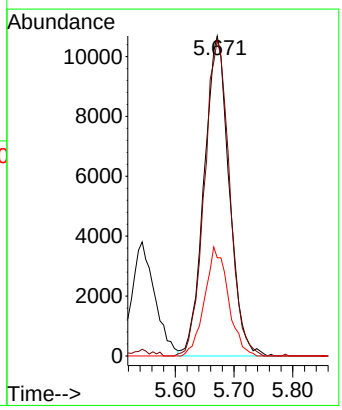


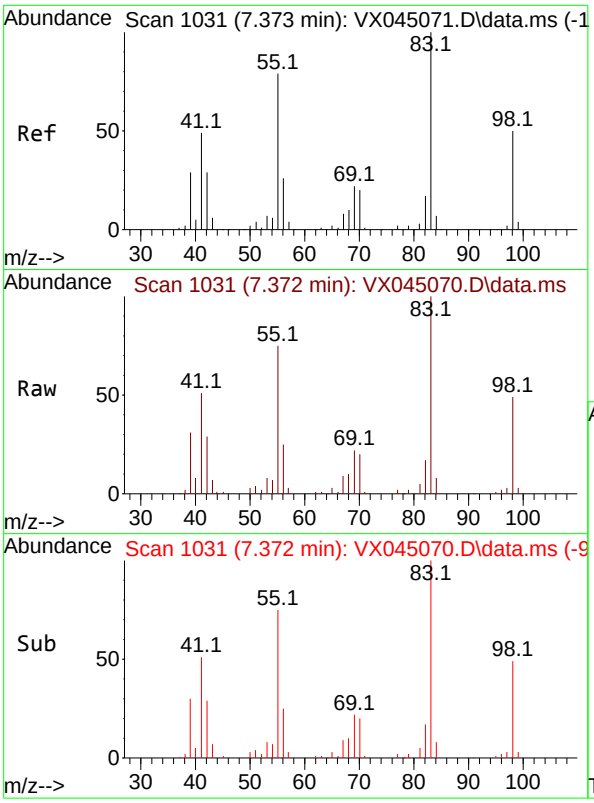


#38
Carbon Tetrachloride
Concen: 19.334 ug/l
RT: 5.671 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion:117 Resp: 31694

Ion	Ratio	Lower	Upper
117	100		
119	98.7	76.7	115.1
121	30.7	25.5	38.3



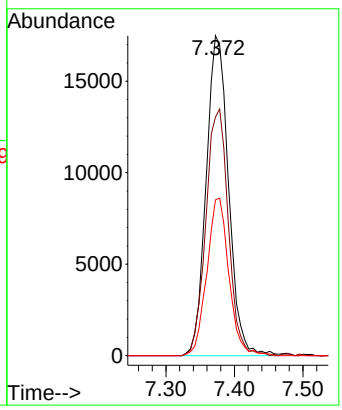


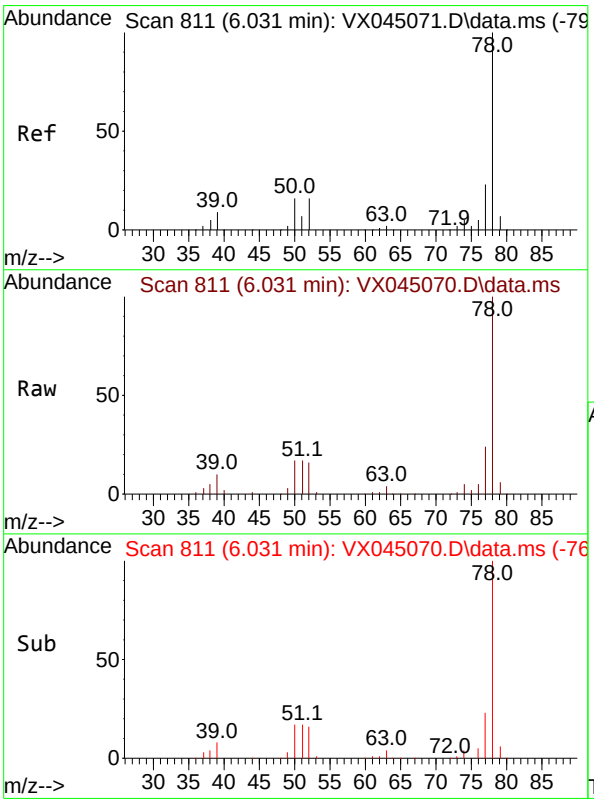
#39
Methylcyclohexane
Concen: 18.676 ug/l
RT: 7.372 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 39769

Ion	Ratio	Lower	Upper
83	100		
55	74.6	63.0	94.4
98	48.7	39.7	59.5

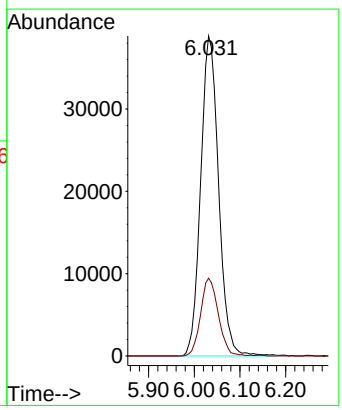


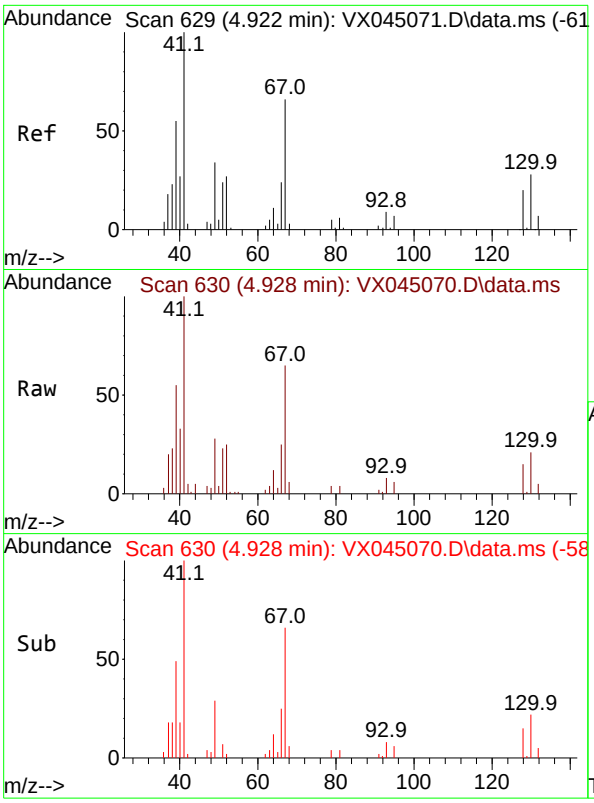


#40
Benzene
Concen: 20.298 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 78 Resp: 105787

Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.8	28.2



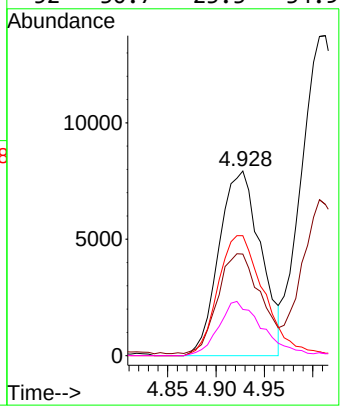


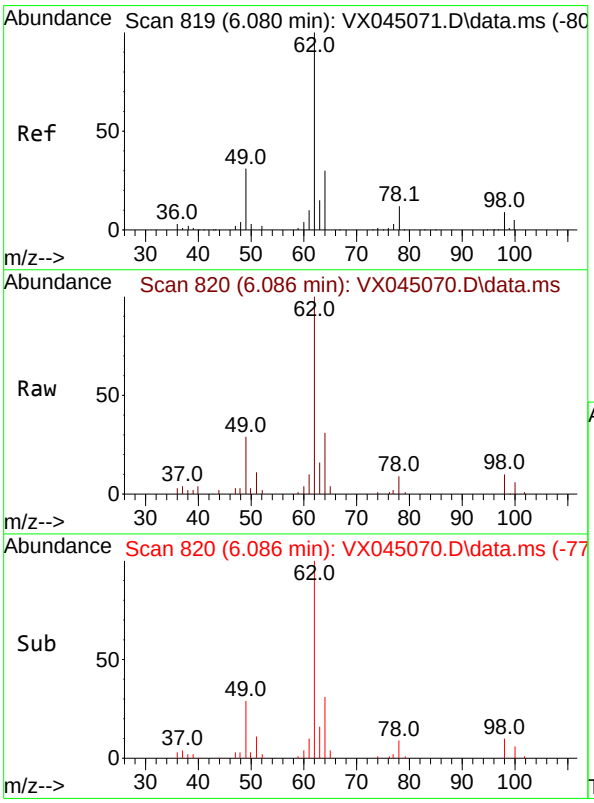
#41
Methacrylonitrile
Concen: 23.605 ug/l
RT: 4.928 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 41 Resp: 23924

Ion	Ratio	Lower	Upper
41	100		
39	55.3	44.6	67.0
67	71.6	53.9	80.9
52	30.7	23.3	34.9

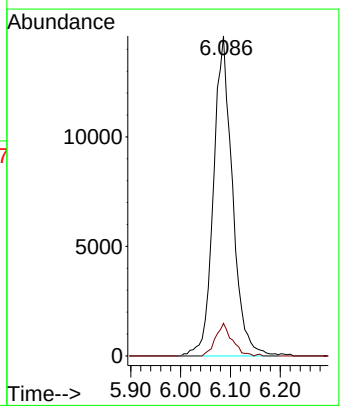


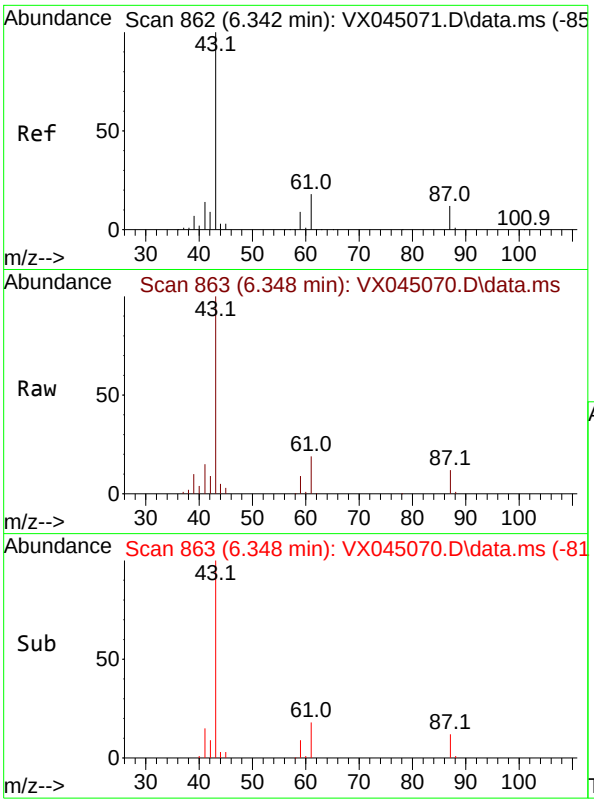


#42
1,2-Dichloroethane
Concen: 22.886 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 62 Resp: 38653

Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	18.2



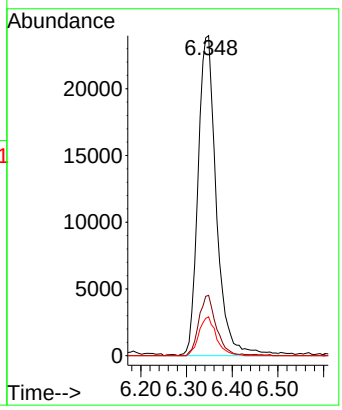


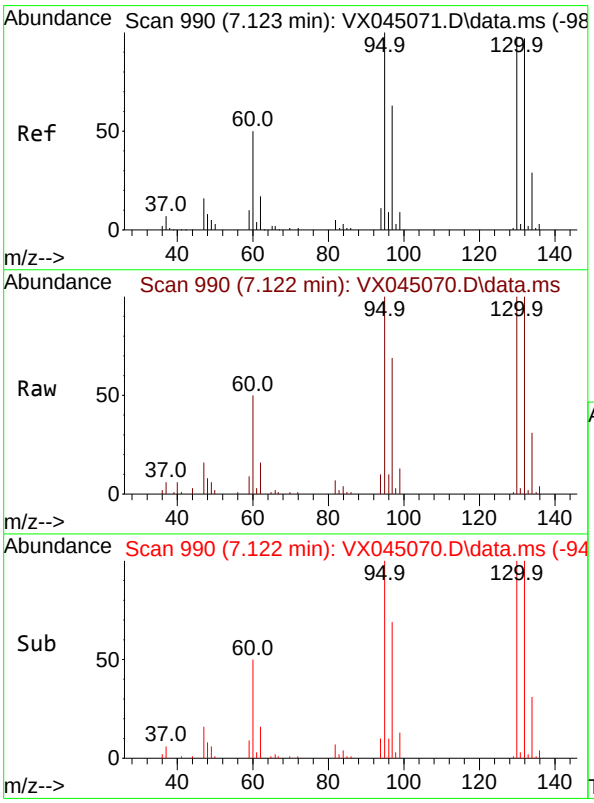
#43
Isopropyl Acetate
Concen: 22.094 ug/l
RT: 6.348 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 66727

Ion	Ratio	Lower	Upper
43	100		
61	17.8	14.9	22.3
87	11.5	9.4	14.2

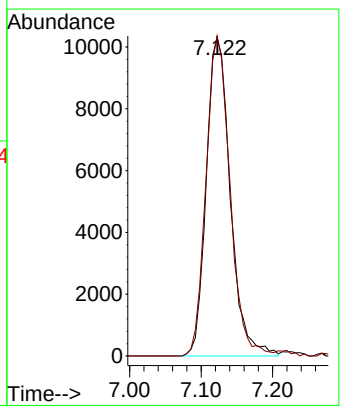


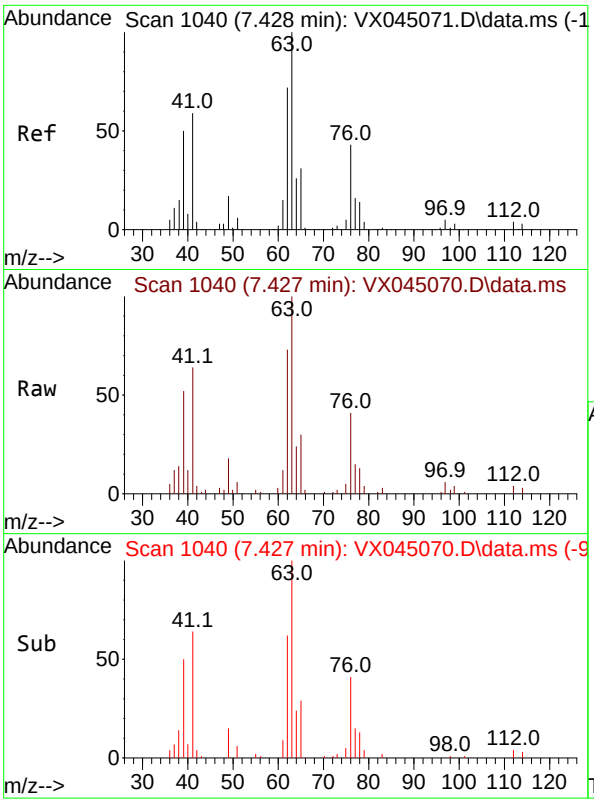


#44
Trichloroethene
Concen: 20.191 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion:130 Resp: 24052

Ion	Ratio	Lower	Upper
130	100		
95	100.3	0.0	205.0



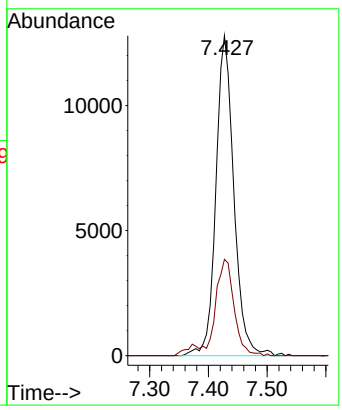


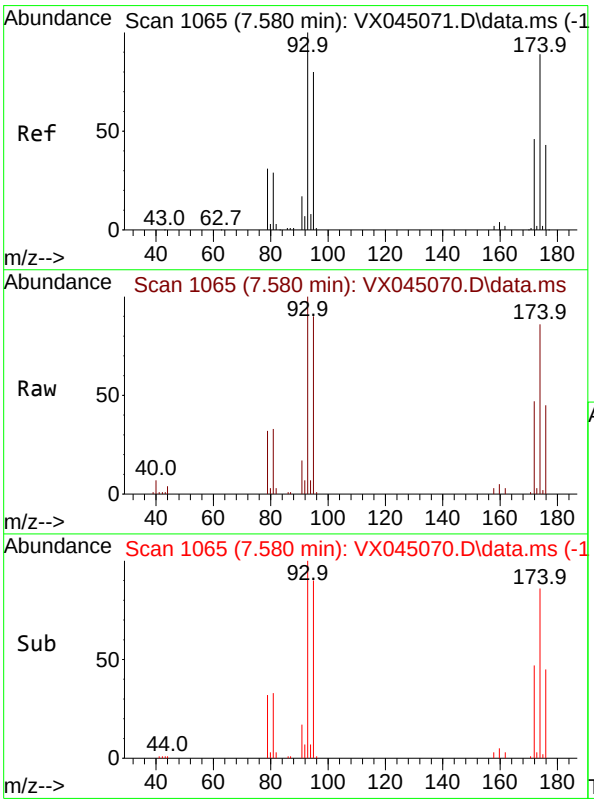
#45
1,2-Dichloropropane
Concen: 20.945 ug/l
RT: 7.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 63 Resp: 27128

Ion	Ratio	Lower	Upper
63	100		
65	30.1	24.7	37.1

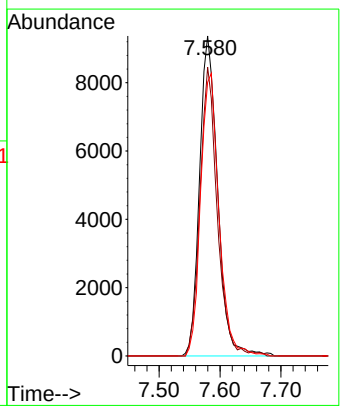


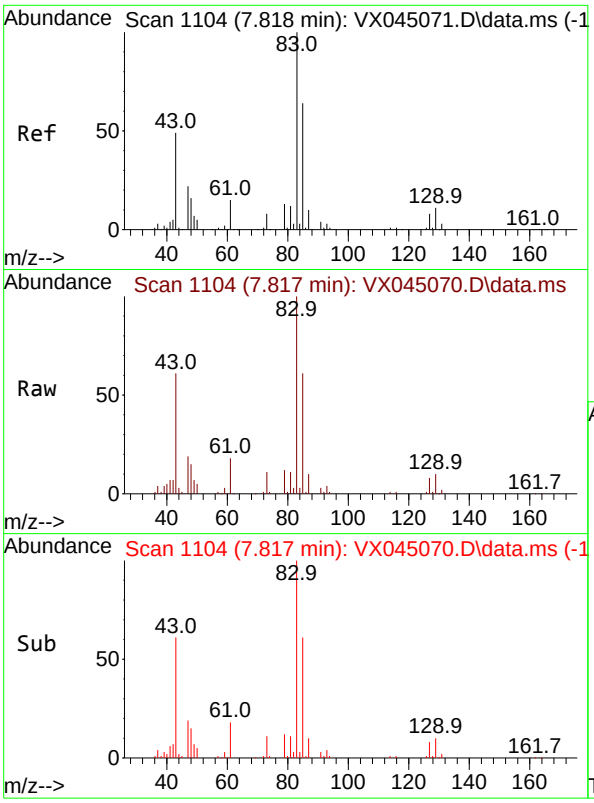


#46
Dibromomethane
Concen: 21.357 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 93 Resp: 19323

Ion	Ratio	Lower	Upper
93	100		
95	86.4	65.8	98.8
174	89.6	72.2	108.2



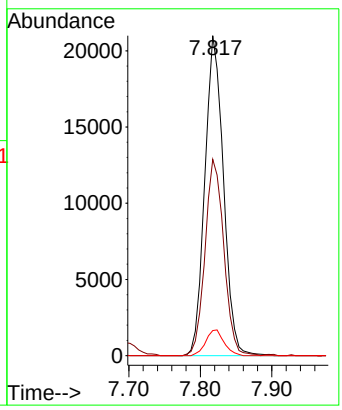


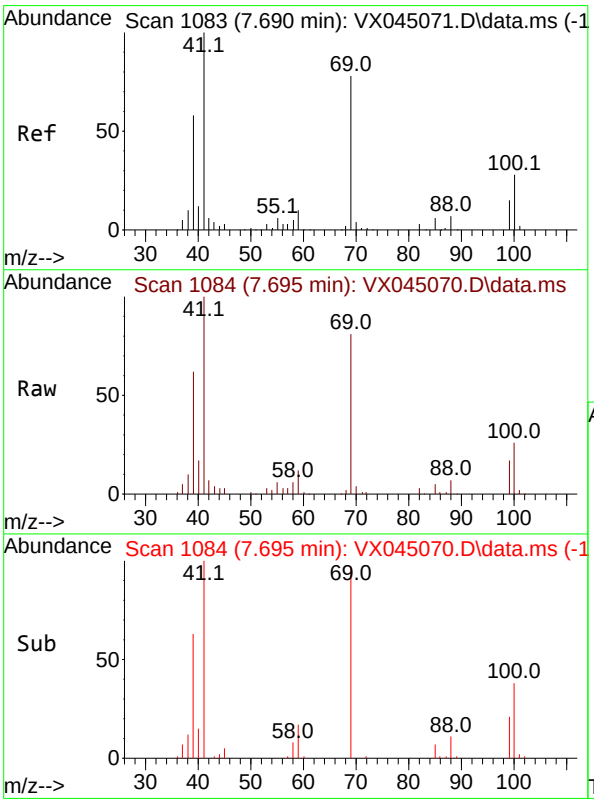
#47
Bromodichloromethane
Concen: 21.732 ug/l
RT: 7.817 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 38038

Ion	Ratio	Lower	Upper
83	100		
85	61.3	51.1	76.7
127	7.8	6.4	9.6

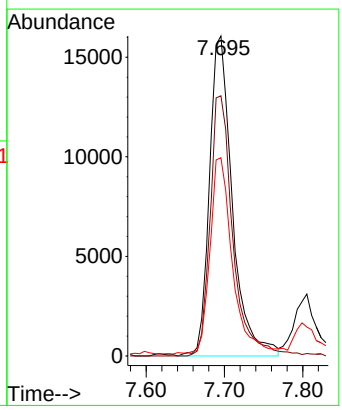


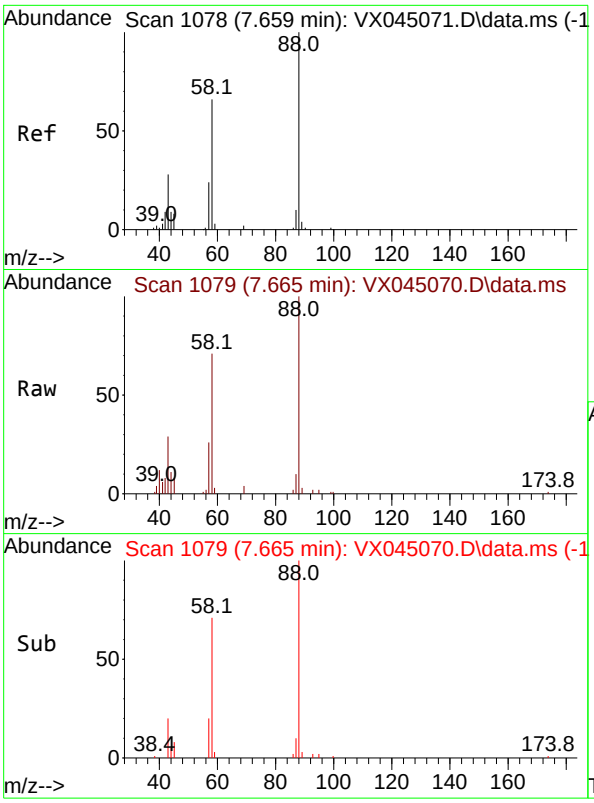


#48
Methyl methacrylate
Concen: 22.757 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 41 Resp: 32627

Ion	Ratio	Lower	Upper
41	100		
69	81.2	63.0	94.6
39	59.8	47.5	71.3



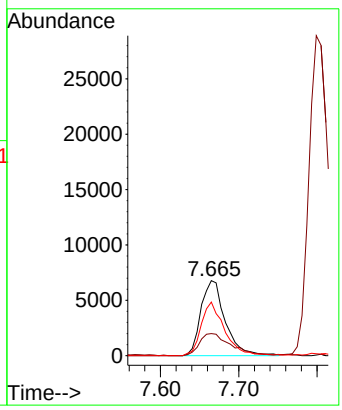


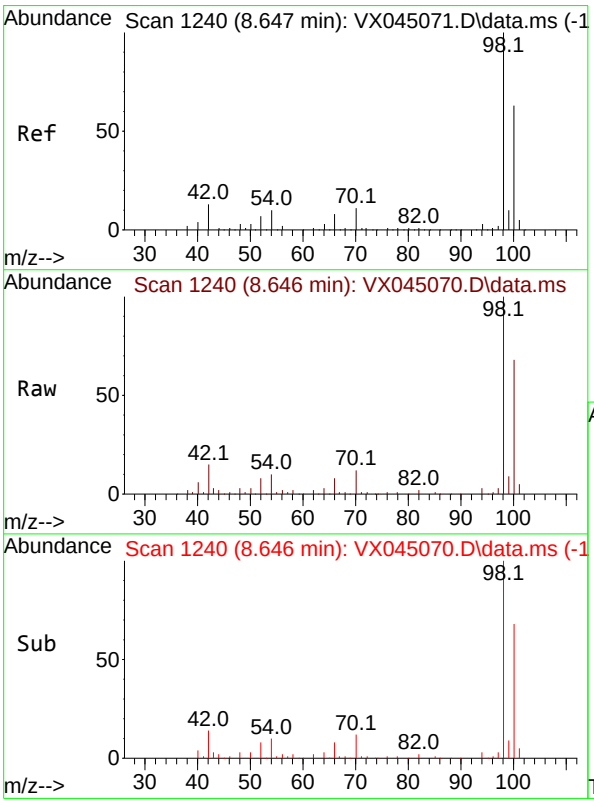
#49
1,4-Dioxane
Concen: 479.170 ug/l
RT: 7.665 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 88 Resp: 14602

Ion	Ratio	Lower	Upper
88	100		
43	38.7	28.7	43.1
58	68.3	55.8	83.8

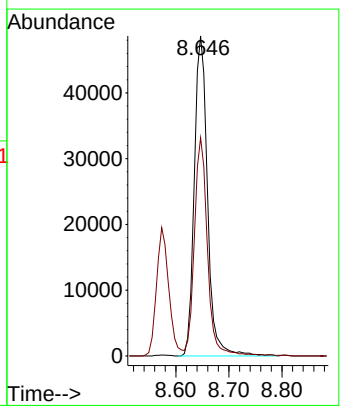


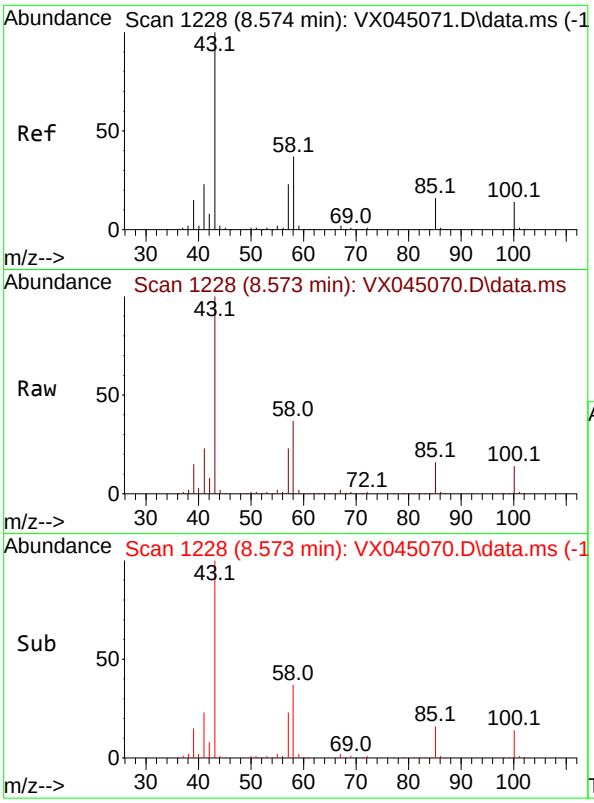


#50
Toluene-d8
Concen: 19.469 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 98 Resp: 84516

Ion	Ratio	Lower	Upper
98	100		
100	67.2	52.0	78.0



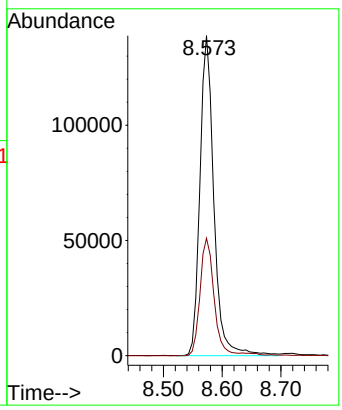


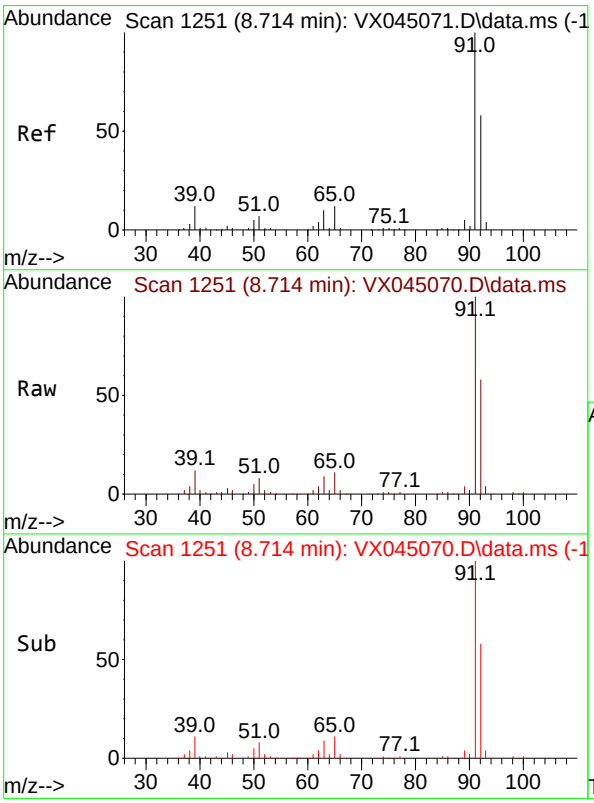
#51
4-Methyl-2-Pentanone
Concen: 124.081 ug/l
RT: 8.573 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 229615

Ion	Ratio	Lower	Upper
43	100		
58	37.5	29.2	43.8

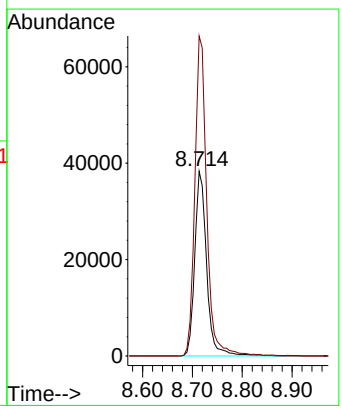


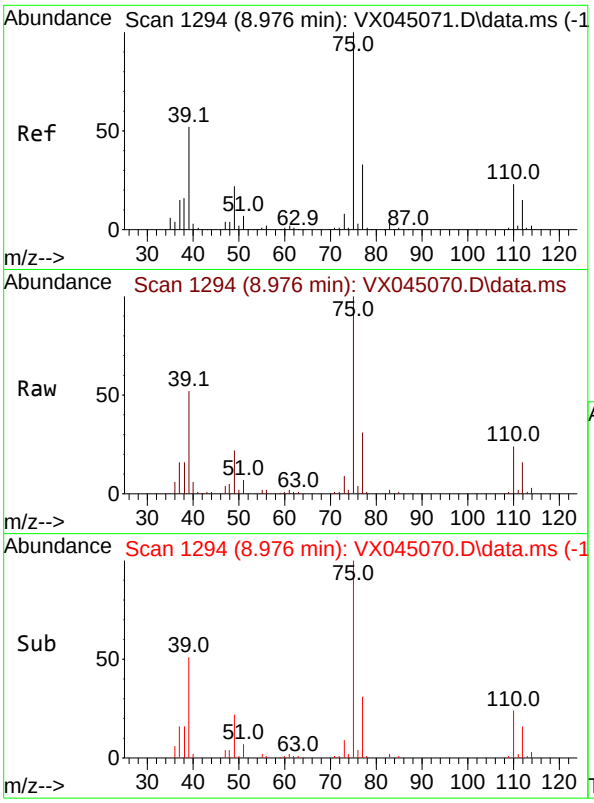


#52
Toluene
Concen: 20.463 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 92 Resp: 63326

Ion	Ratio	Lower	Upper
92	100		
91	173.7	138.9	208.3



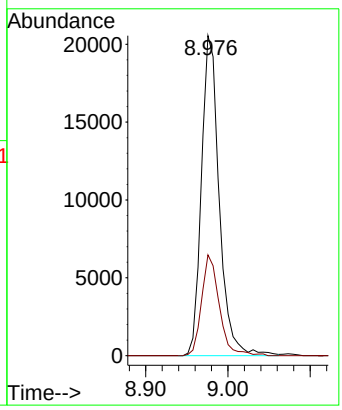


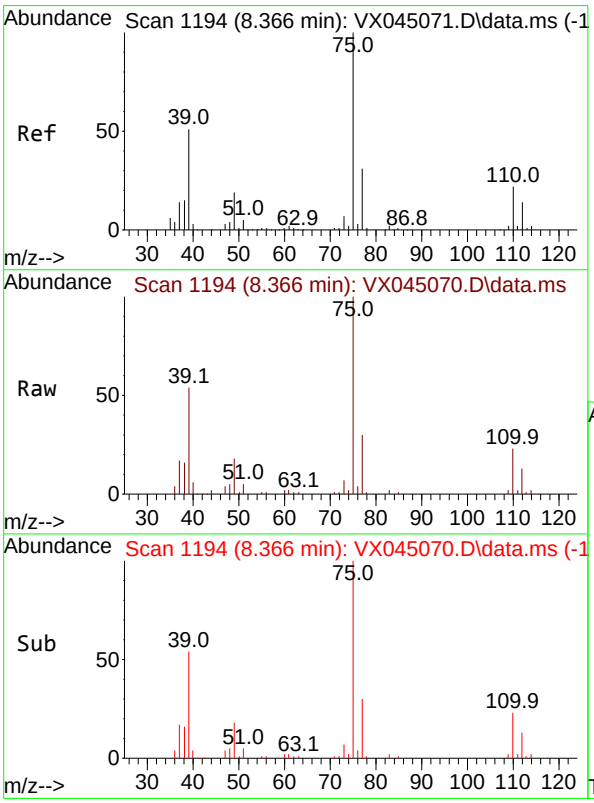
#53
t-1,3-Dichloropropene
Concen: 17.871 ug/l
RT: 8.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 30917

Ion	Ratio	Lower	Upper
75	100		
77	31.5	26.5	39.7

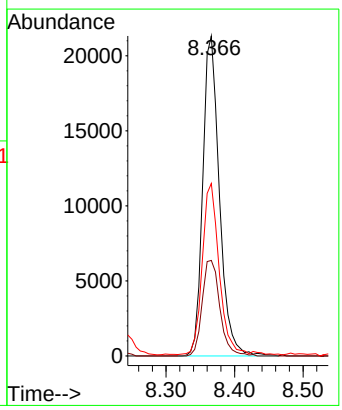


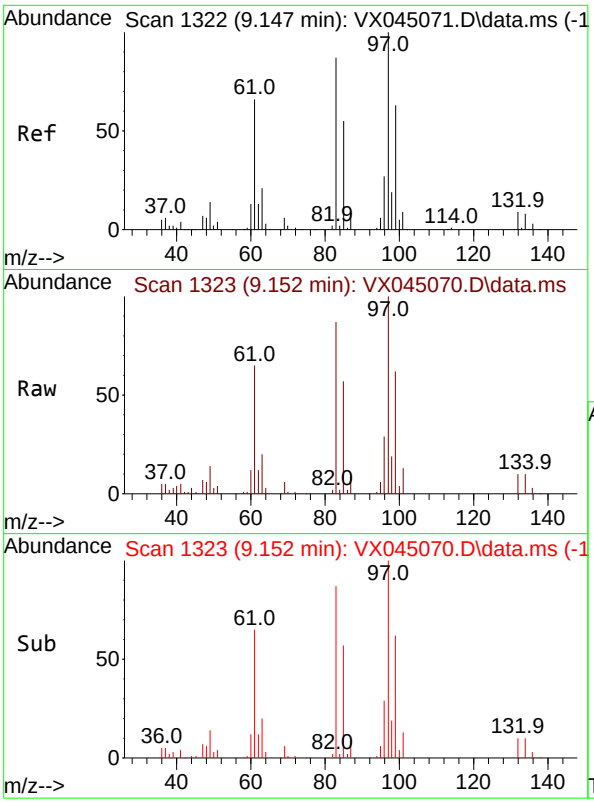


#54
cis-1,3-Dichloropropene
Concen: 18.675 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 75 Resp: 36118

Ion	Ratio	Lower	Upper
75	100		
77	29.9	24.7	37.1
39	53.5	40.7	61.1



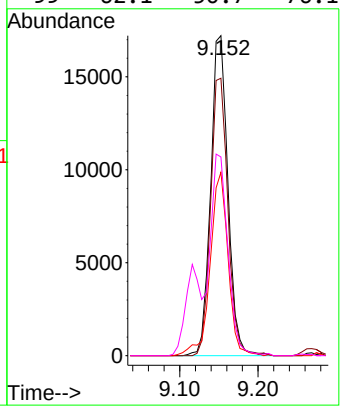


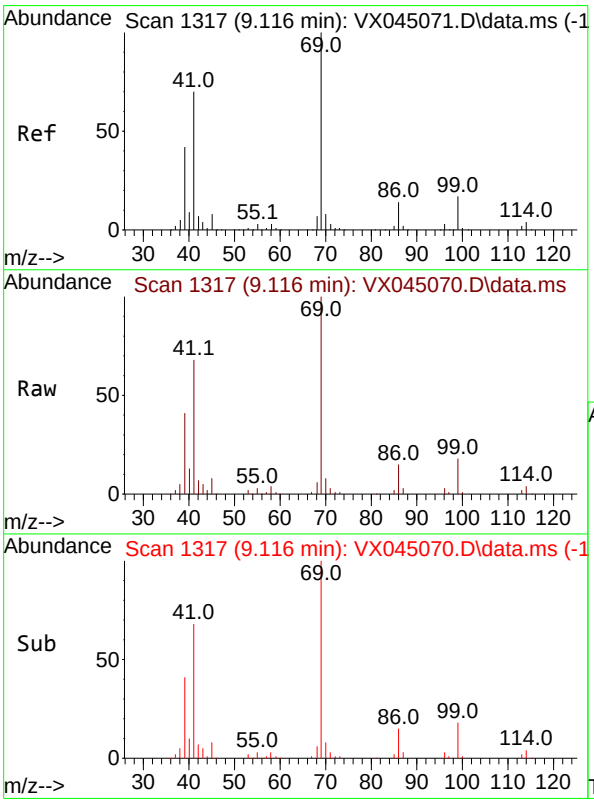
#55
1,1,2-Trichloroethane
Concen: 21.992 ug/l
RT: 9.152 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 97 Resp: 26358

Ion	Ratio	Lower	Upper
97	100		
83	86.7	69.4	104.2
85	57.3	44.1	66.1
99	62.1	50.7	76.1

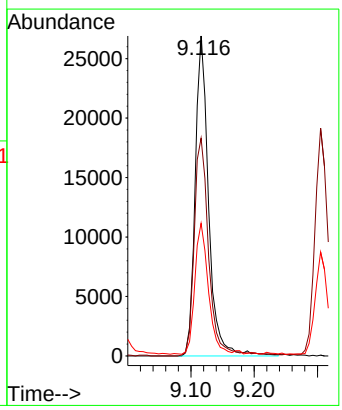


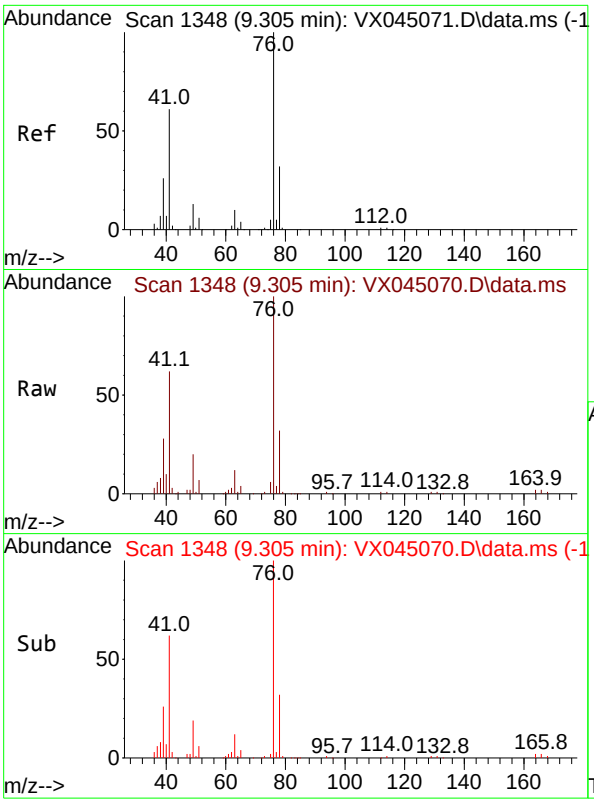


#56
Ethyl methacrylate
Concen: 20.791 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 69 Resp: 39850

Ion	Ratio	Lower	Upper
69	100		
41	73.6	57.0	85.4
39	40.6	34.2	51.4



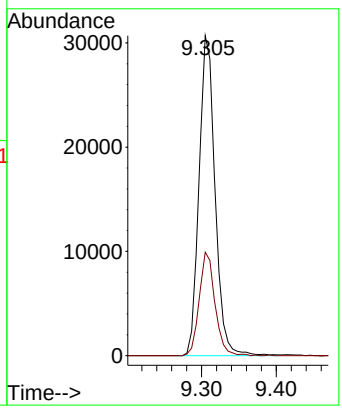


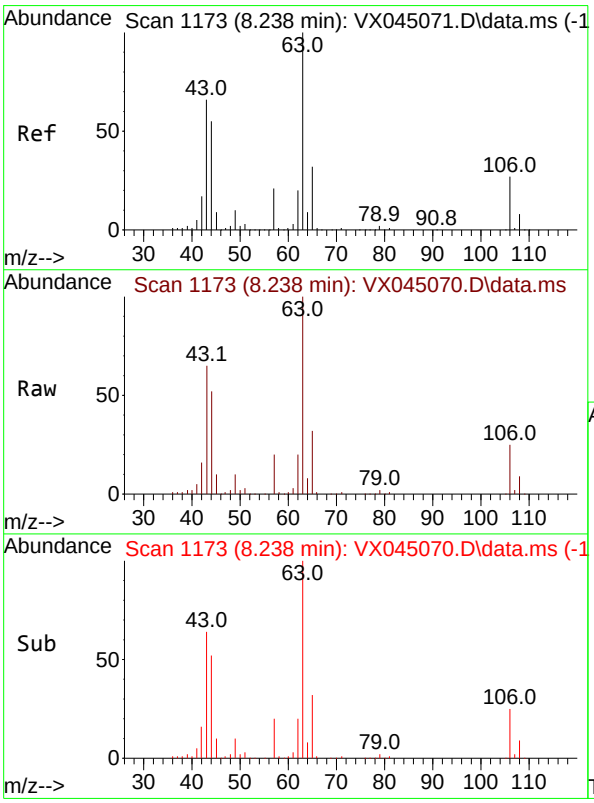
#57
1,3-Dichloropropane
Concen: 21.836 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 45644

Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.5	38.3

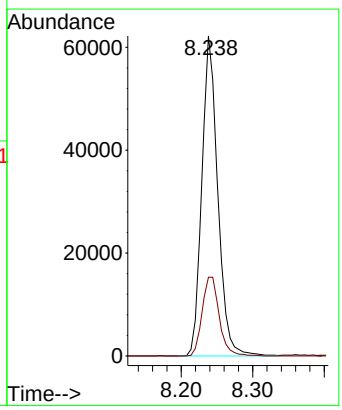


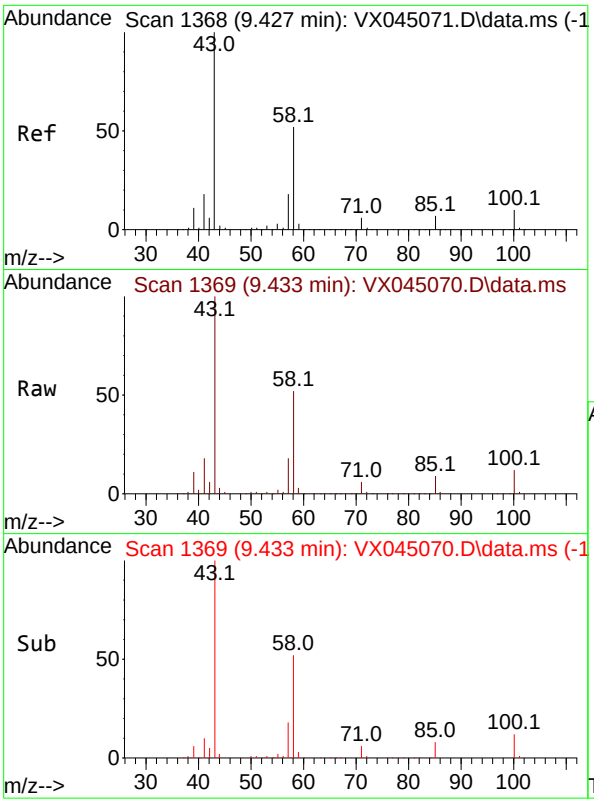


#58
2-Chloroethyl Vinyl ether
Concen: 102.342 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 63 Resp: 96311

Ion	Ratio	Lower	Upper
63	100		
106	26.4	21.5	32.3



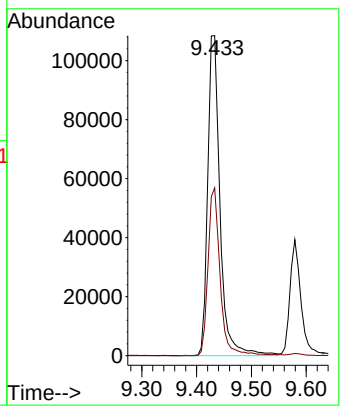


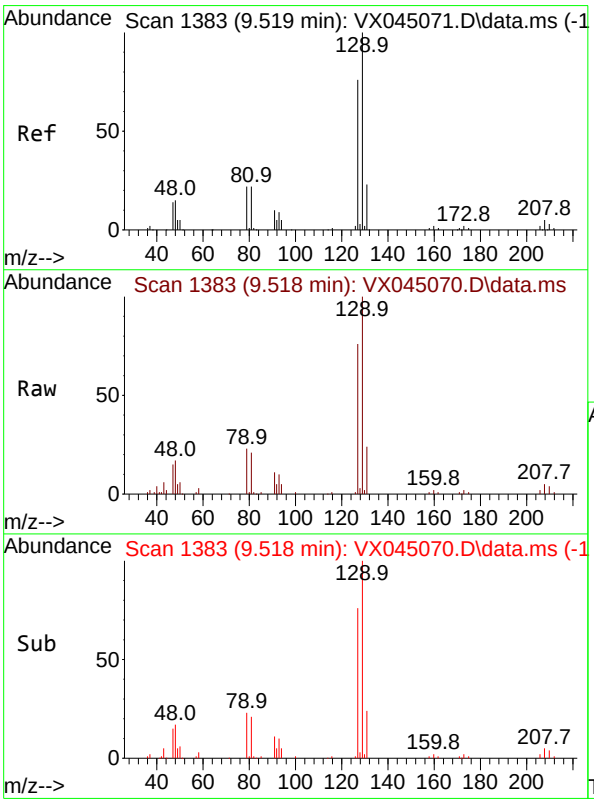
#59
2-Hexanone
Concen: 126.428 ug/l
RT: 9.433 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 168768

Ion	Ratio	Lower	Upper
43	100		
58	51.6	25.9	77.6

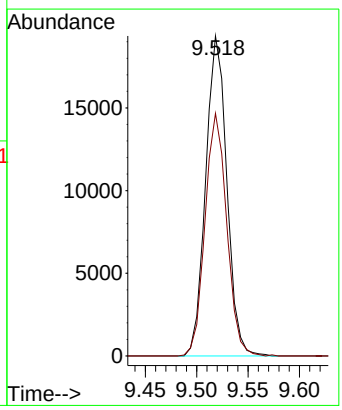


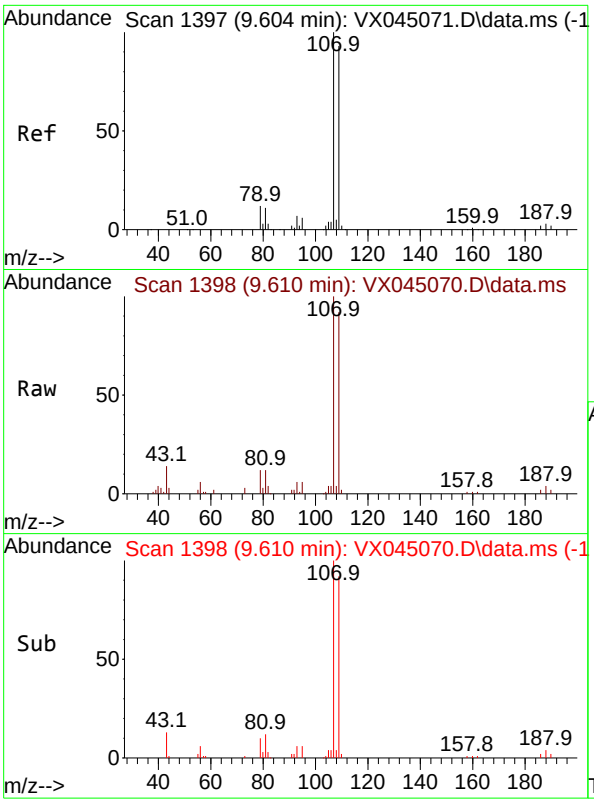


#60
Dibromochloromethane
Concen: 21.668 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion:129 Resp: 27705

Ion	Ratio	Lower	Upper
129	100		
127	77.8	38.5	115.5



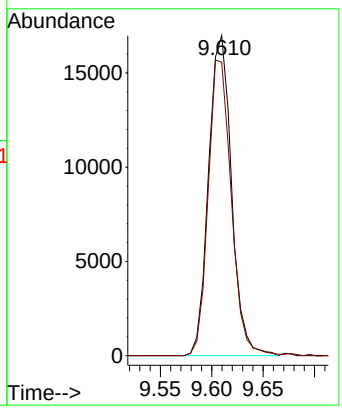


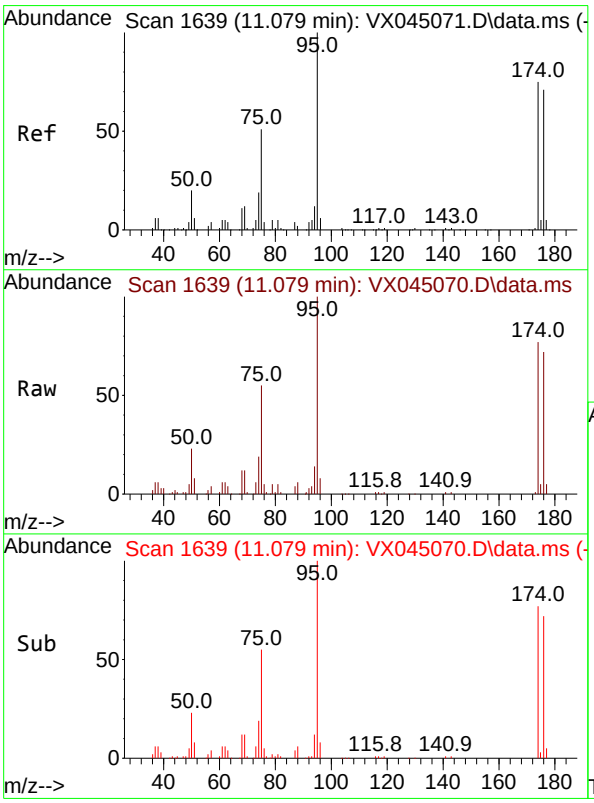
#61
1,2-Dibromoethane
Concen: 21.764 ug/l
RT: 9.610 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:107 Resp: 26311

Ion	Ratio	Lower	Upper
107	100		
109	93.3	76.1	114.1

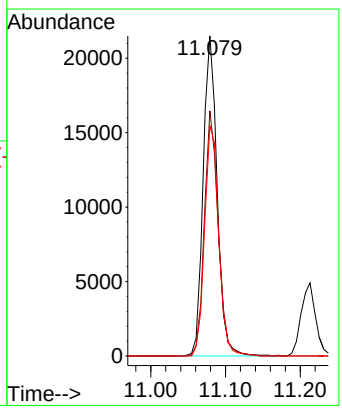


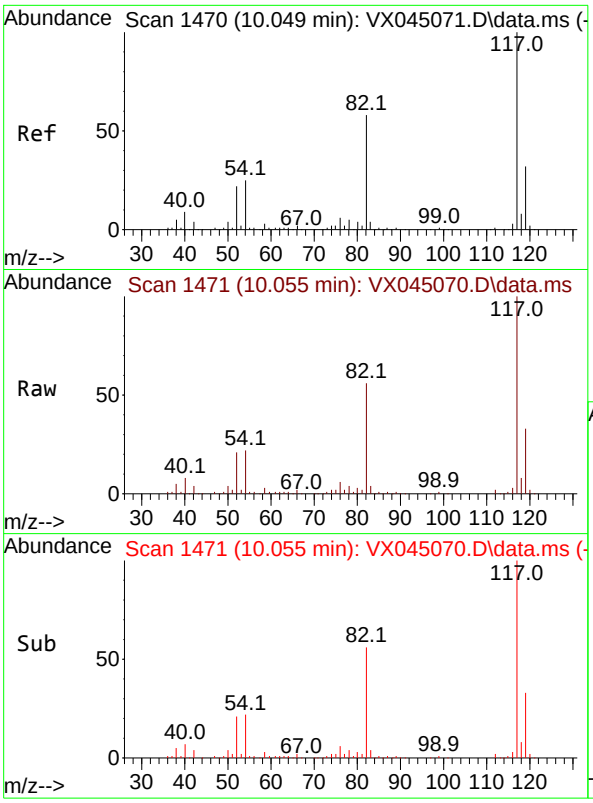


#62
4-Bromofluorobenzene
Concen: 19.215 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 95 Resp: 27856

Ion	Ratio	Lower	Upper
95	100		
174	76.1	0.0	148.2
176	72.8	0.0	141.4



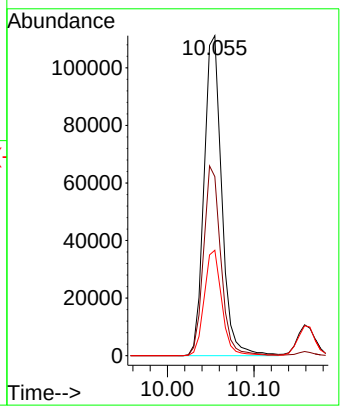


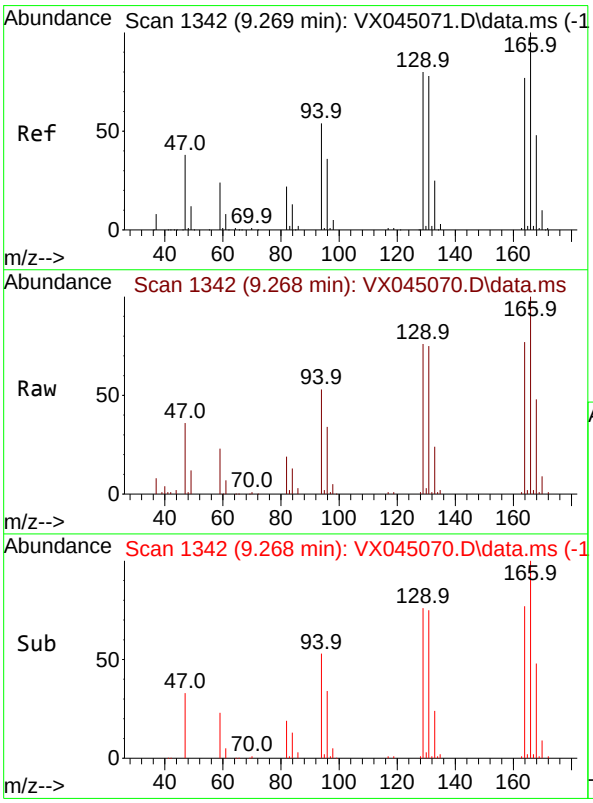
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:117 Resp: 157714

Ion	Ratio	Lower	Upper
117	100		
82	55.9	46.3	69.5
119	33.0	25.7	38.5

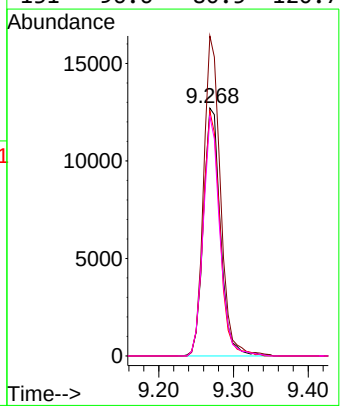


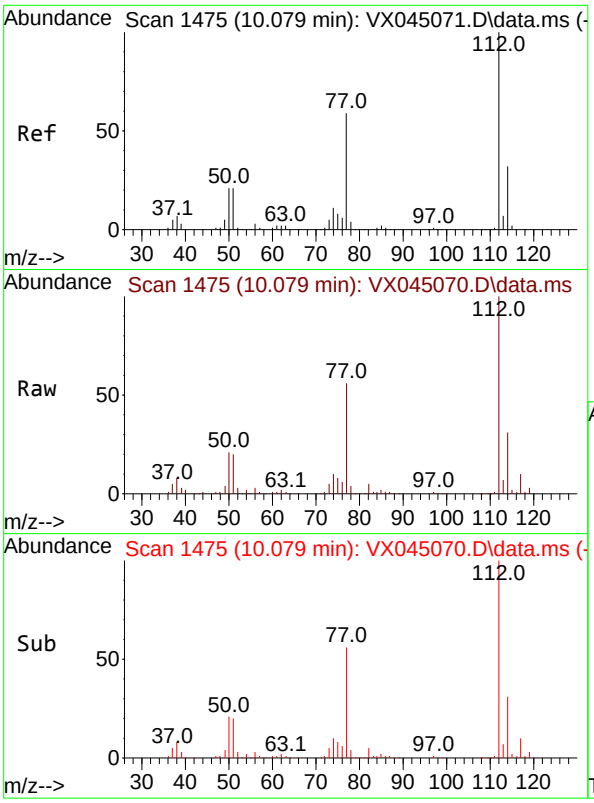


#64
Tetrachloroethene
Concen: 20.102 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion:164 Resp: 20140

Ion	Ratio	Lower	Upper
164	100		
166	129.1	103.6	155.4
129	98.7	82.7	124.1
131	96.6	80.5	120.7



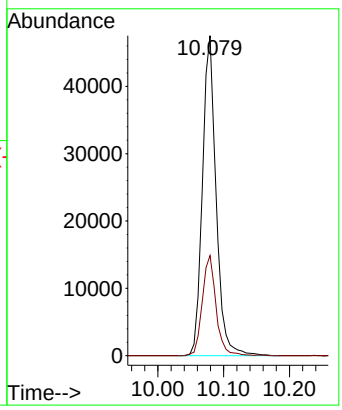


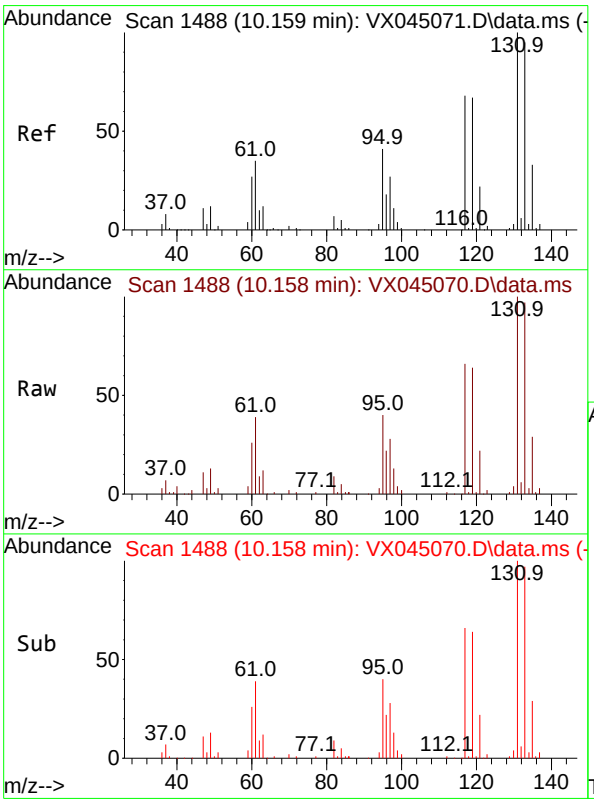
#65
Chlorobenzene
Concen: 20.316 ug/l
RT: 10.079 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:112 Resp: 68777

Ion	Ratio	Lower	Upper
112	100		
114	31.3	26.0	39.0

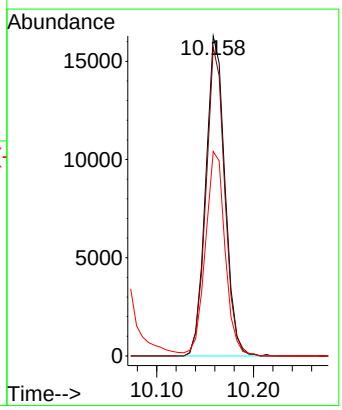


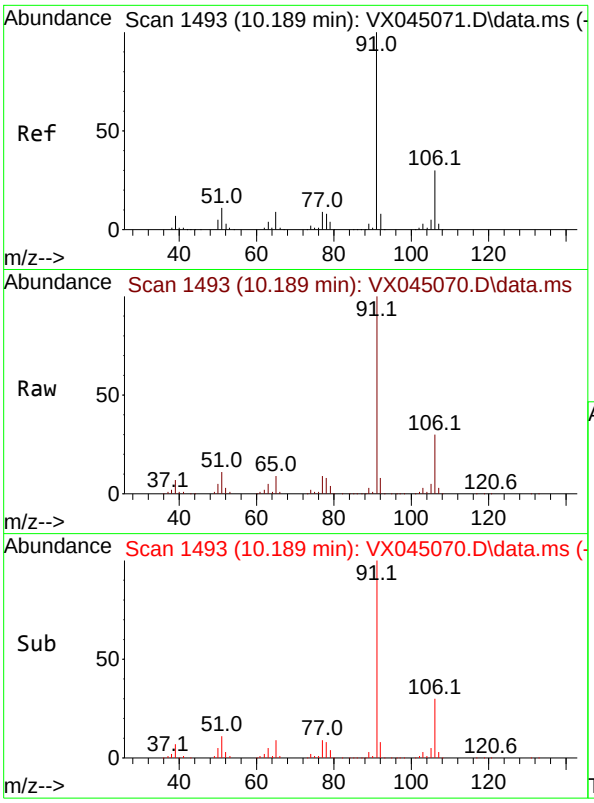


#66
1,1,1,2-Tetrachloroethane
Concen: 20.627 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion:131 Resp: 22508

Ion	Ratio	Lower	Upper
131	100		
133	94.6	48.6	145.9
119	65.4	33.9	101.7



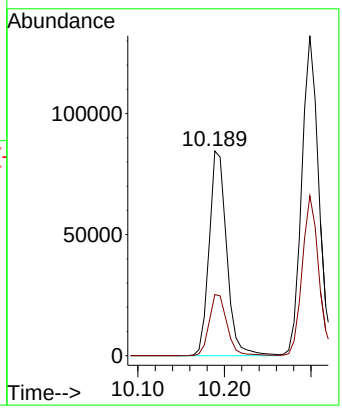


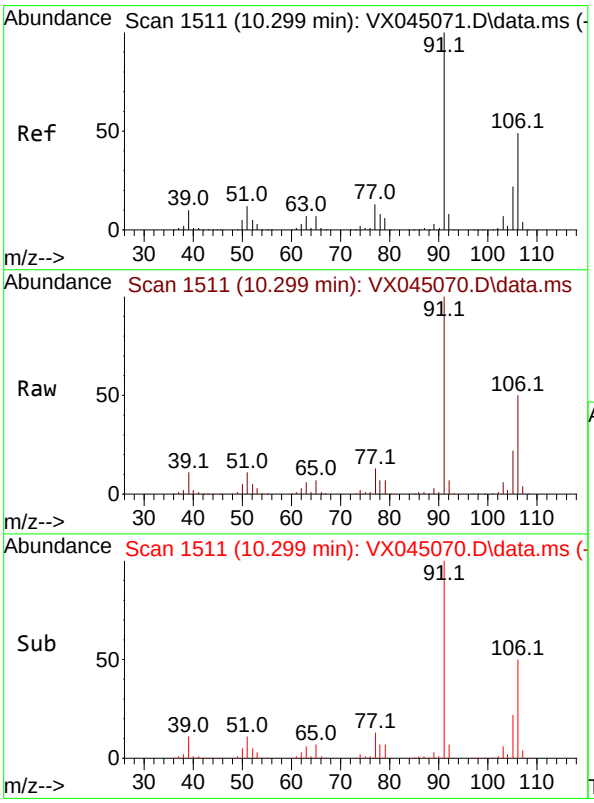
#67
Ethyl Benzene
Concen: 19.905 ug/l
RT: 10.189 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 119165

Ion	Ratio	Lower	Upper
91	100		
106	29.9	23.9	35.9

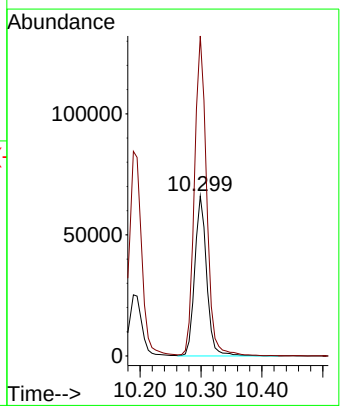


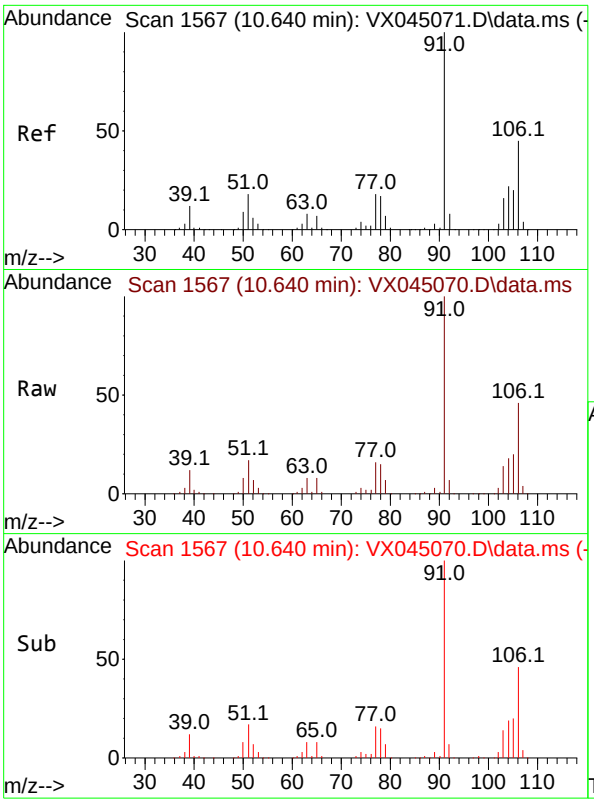


#68
m/p-Xylenes
Concen: 40.699 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion:106 Resp: 89735

Ion	Ratio	Lower	Upper
106	100		
91	204.2	165.4	248.0



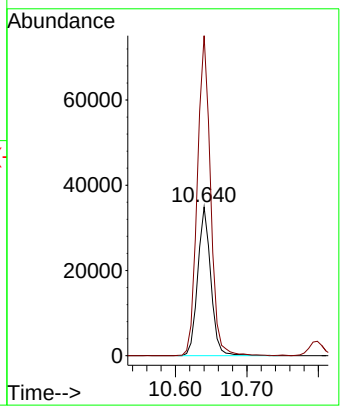


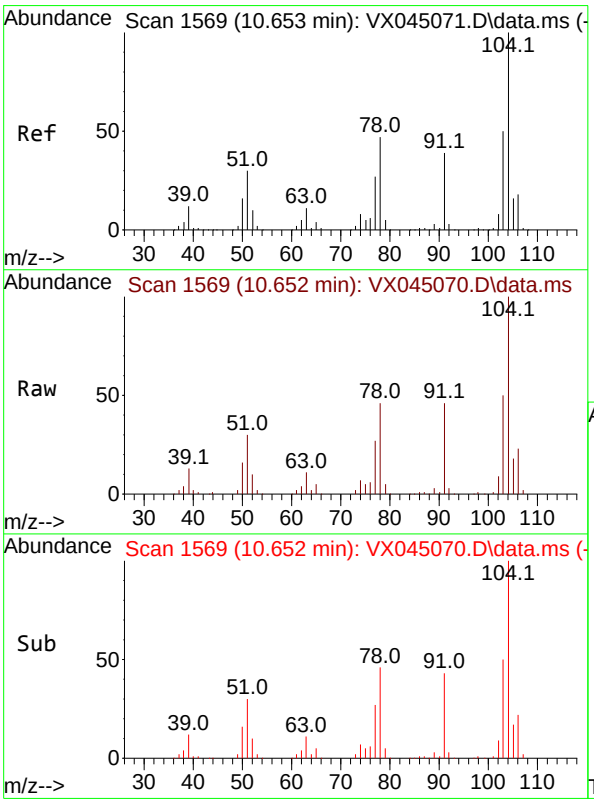
#69
o-Xylene
Concen: 20.018 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 44281

Ion	Ratio	Lower	Upper
106	100		
91	216.8	109.9	329.6

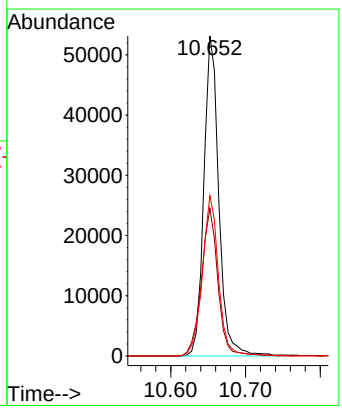


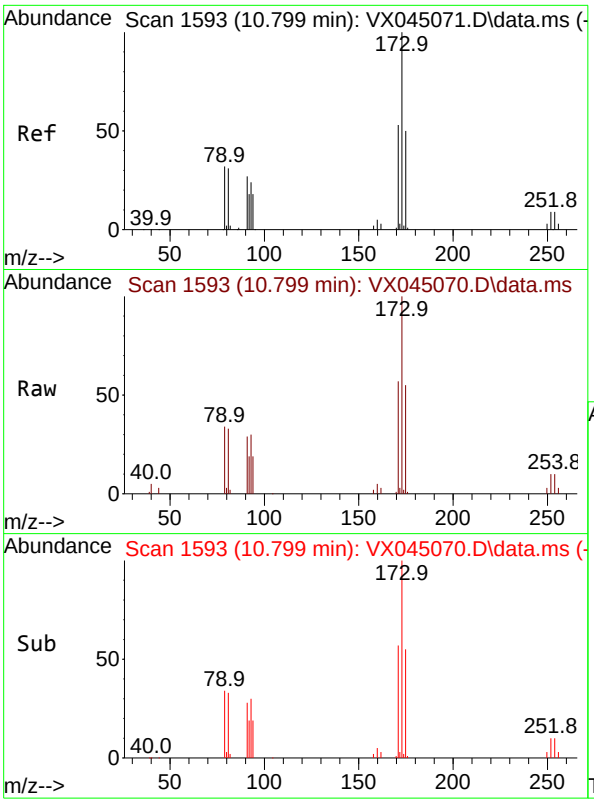


#70
Styrene
Concen: 20.767 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion:104 Resp: 73832

Ion	Ratio	Lower	Upper
104	100		
78	50.9	42.2	63.4
103	54.1	43.8	65.8



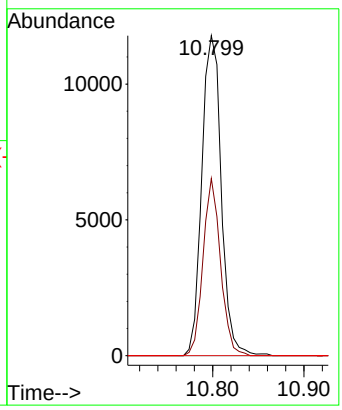


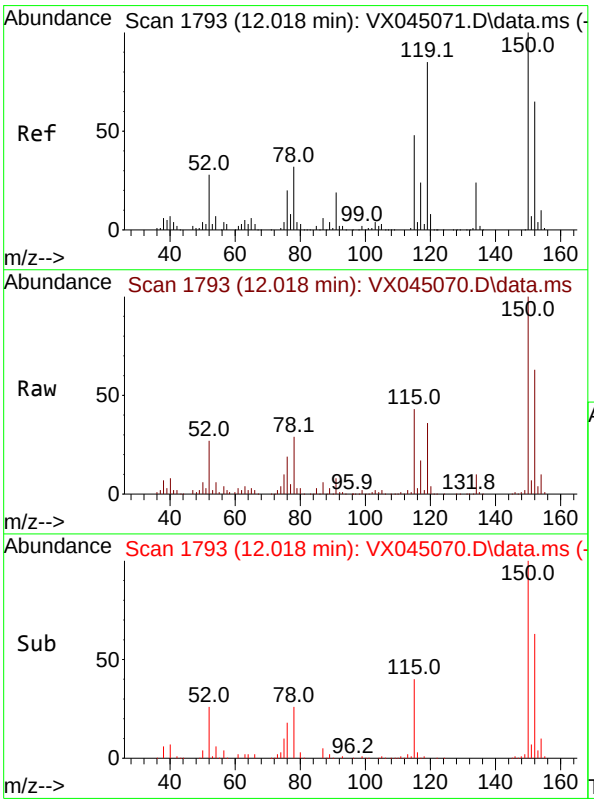
#71
Bromoform
Concen: 21.449 ug/l
RT: 10.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:173 Resp: 17403

Ion	Ratio	Lower	Upper
173	100		
175	49.7	24.6	73.6
254	0.0	0.0	0.0

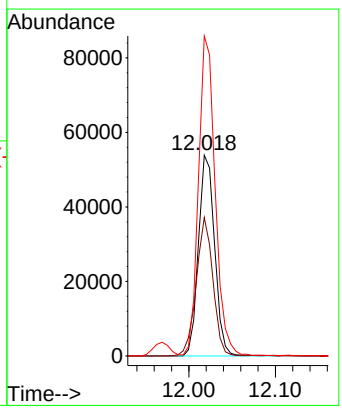


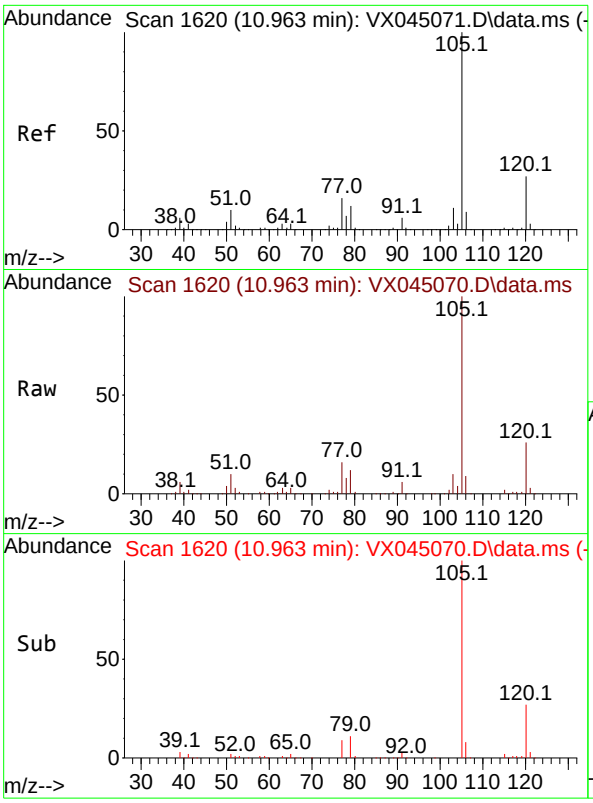


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion:152 Resp: 70072

Ion	Ratio	Lower	Upper
152	100		
115	70.9	44.2	132.6
150	163.4	0.0	349.0



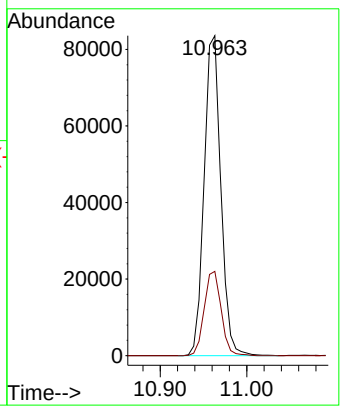


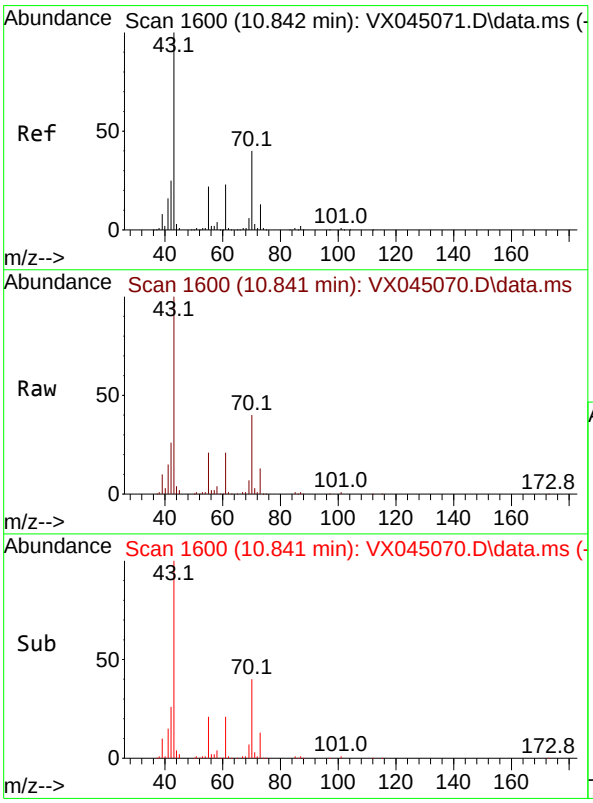
#73
Isopropylbenzene
Concen: 19.794 ug/l
RT: 10.963 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 112099

Ion	Ratio	Lower	Upper
105	100		
120	26.7	13.2	39.5

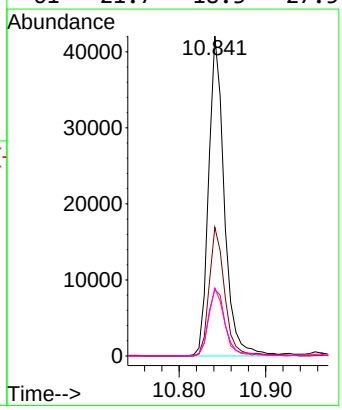


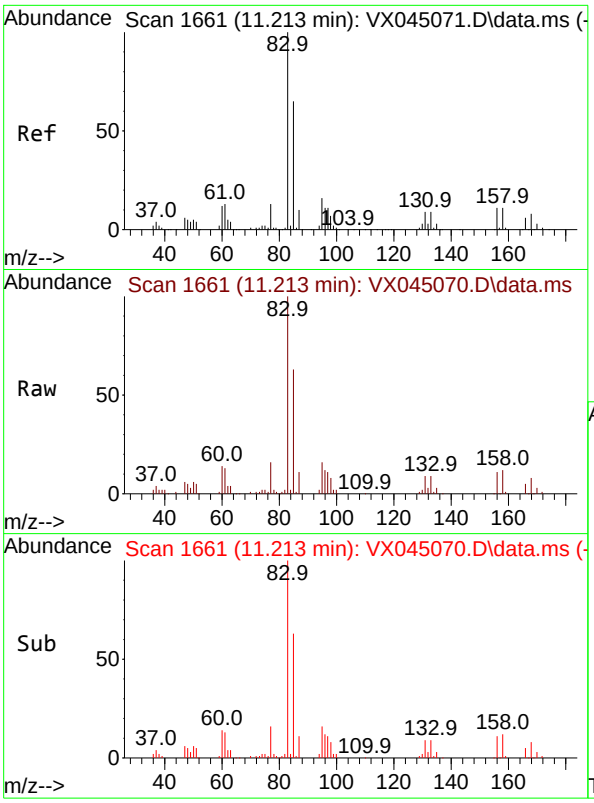


#74
N-amyl acetate
Concen: 20.606 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 43 Resp: 52972

Ion	Ratio	Lower	Upper
43	100		
70	40.0	31.8	47.6
55	23.0	18.3	27.5
61	21.7	18.3	27.5



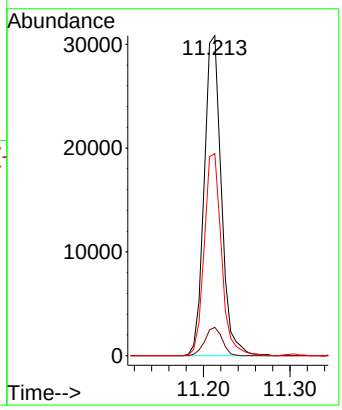


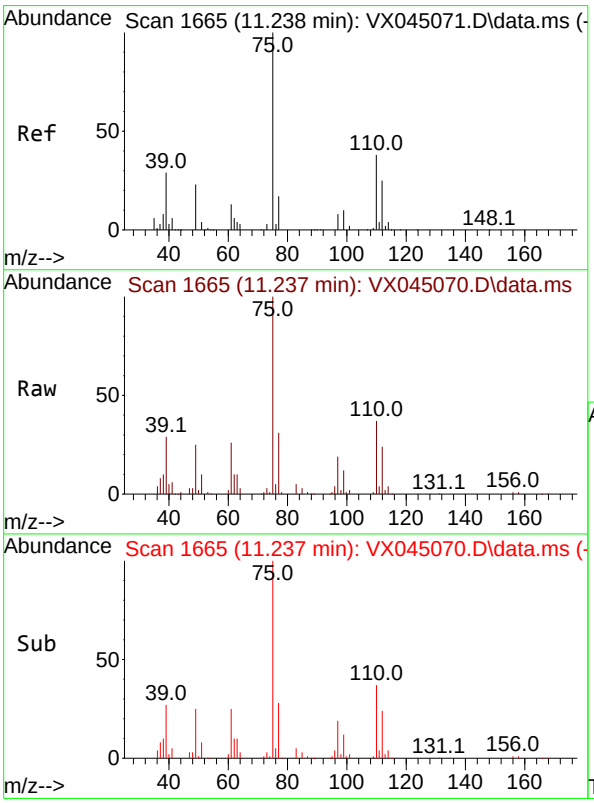
#75
1,1,2,2-Tetrachloroethane
Concen: 21.738 ug/l
RT: 11.213 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 42413

Ion	Ratio	Lower	Upper
83	100		
131	9.0	4.5	13.4
85	63.4	31.7	95.1

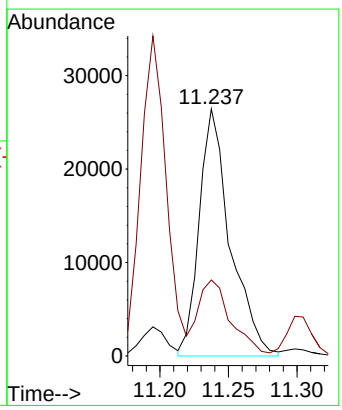


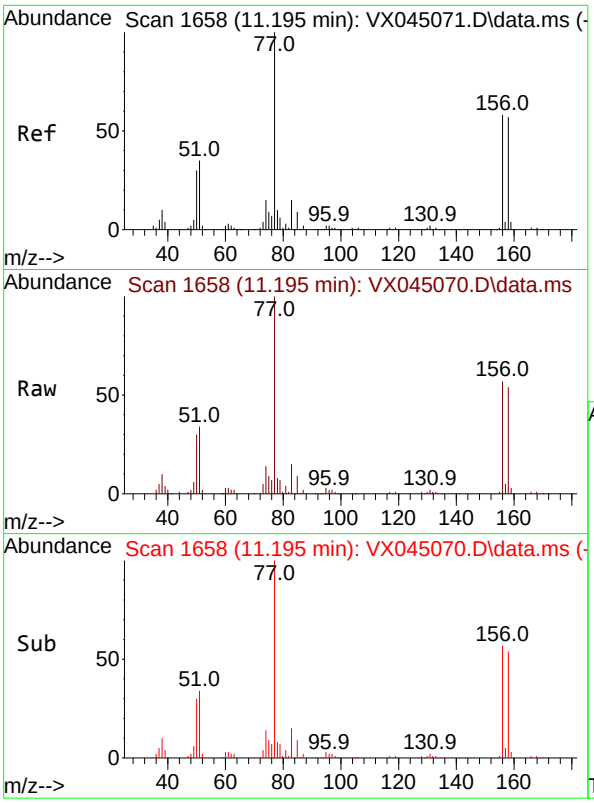


#76
1,2,3-Trichloropropane
Concen: 26.713 ug/l
RT: 11.237 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 75 Resp: 41754

Ion	Ratio	Lower	Upper
75	100		
77	32.5	20.7	62.1



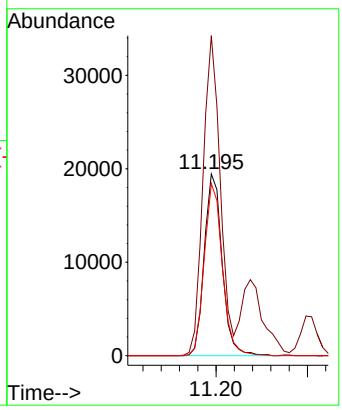


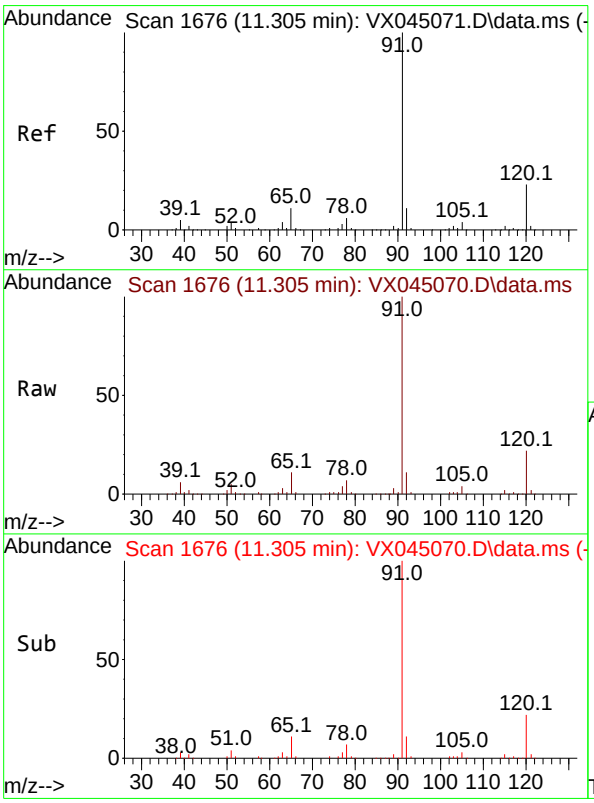
#77
Bromobenzene
Concen: 20.466 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:156 Resp: 26310

Ion	Ratio	Lower	Upper
156	100		
77	170.2	85.8	257.4
158	95.9	48.4	145.2

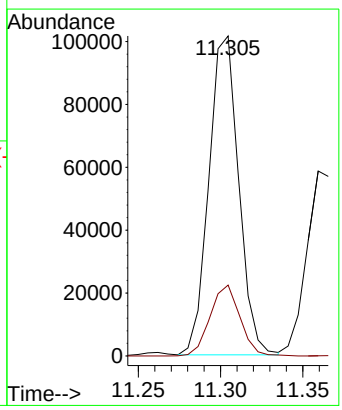


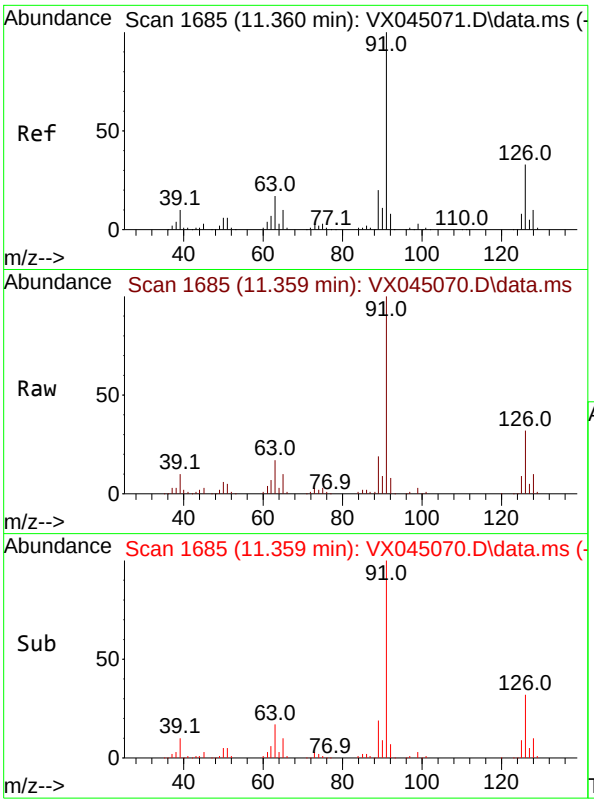


#78
n-propylbenzene
Concen: 19.641 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 91 Resp: 128284

Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.2	33.6



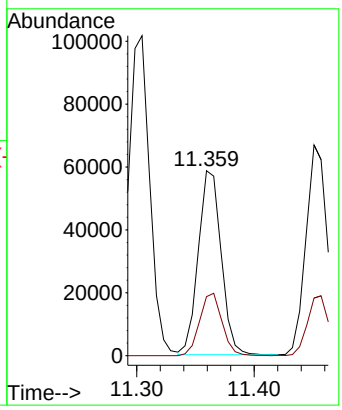


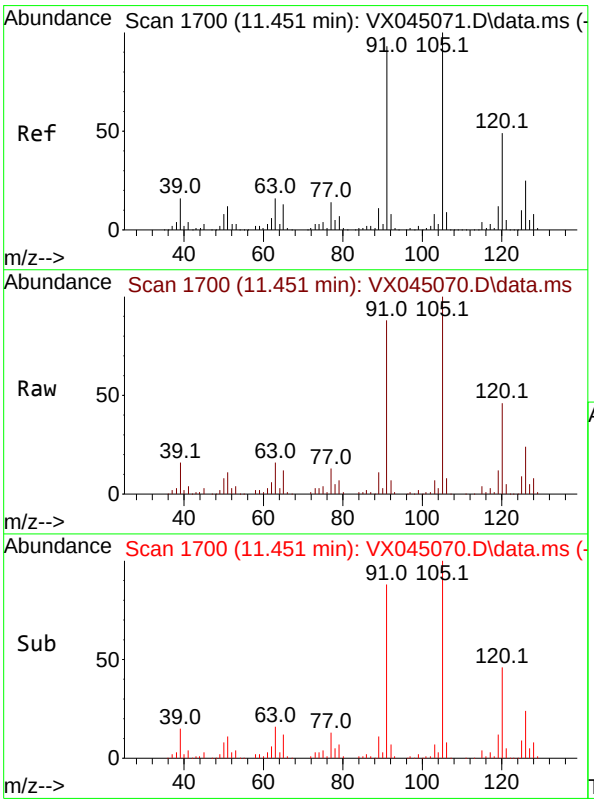
#79
2-Chlorotoluene
Concen: 19.775 ug/l
RT: 11.359 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 79275

Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.4	49.4

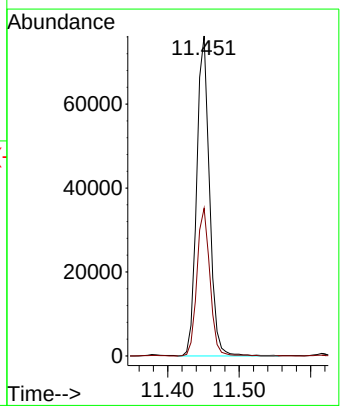


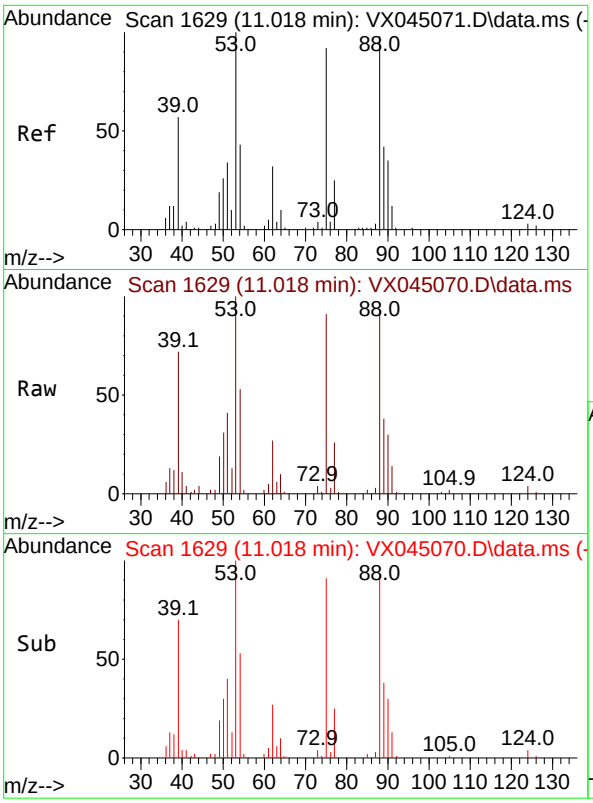


#80
1,3,5-Trimethylbenzene
Concen: 20.581 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion:105 Resp: 94545

Ion	Ratio	Lower	Upper
105	100		
120	46.8	24.1	72.2



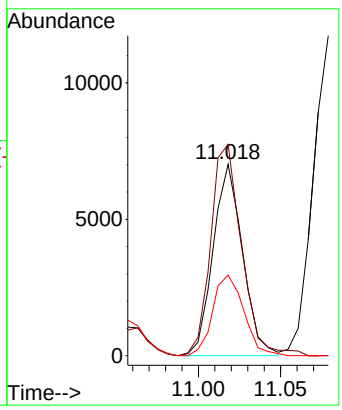


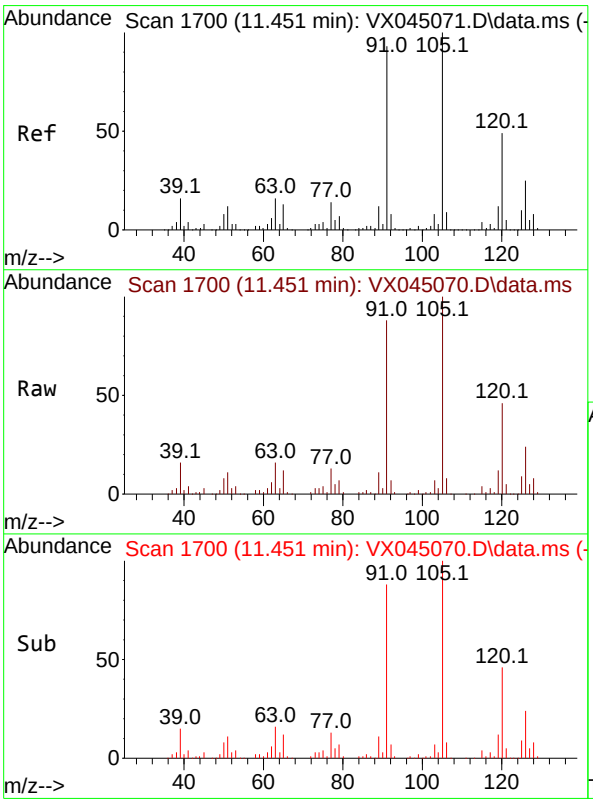
#81
trans-1,4-Dichloro-2-butene
Concen: 15.196 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 8759

Ion	Ratio	Lower	Upper
75	100		
53	115.4	88.5	132.7
89	44.3	36.2	54.4

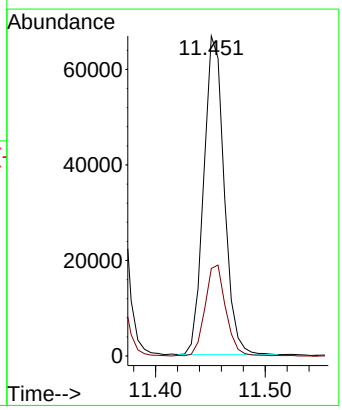


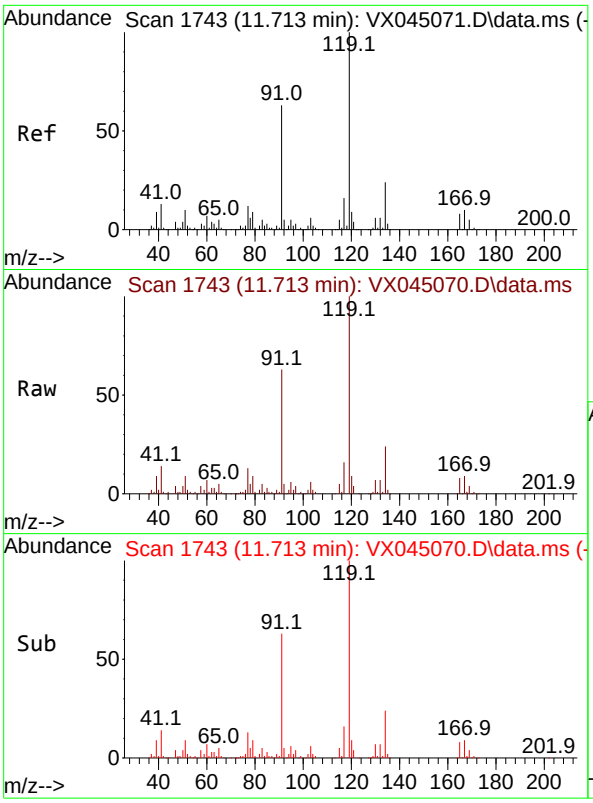


#82
4-Chlorotoluene
Concen: 19.443 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 91 Resp: 86281

Ion	Ratio	Lower	Upper
91	100		
126	29.1	14.1	42.4



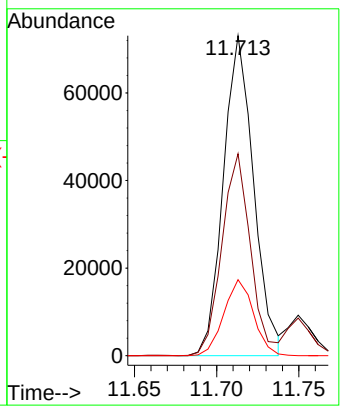


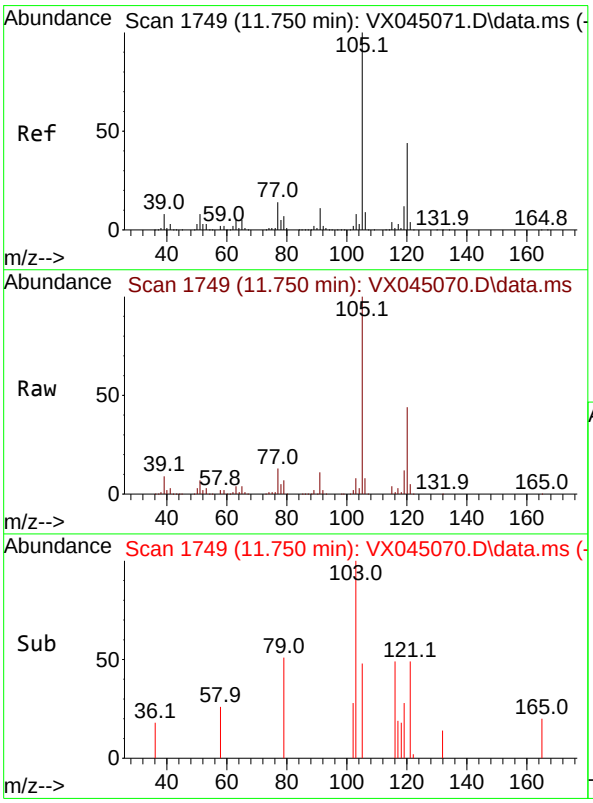
#83
tert-Butylbenzene
Concen: 20.159 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:119 Resp: 93670

Ion	Ratio	Lower	Upper
119	100		
91	60.0	30.7	92.1
134	23.4	11.7	35.0

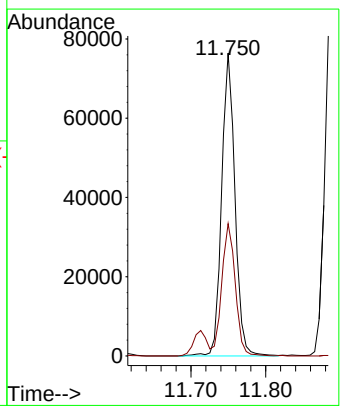


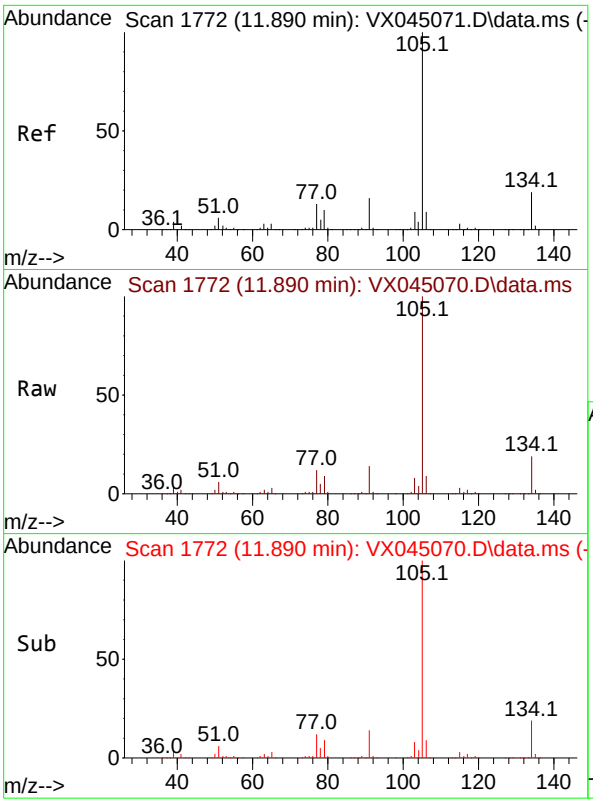


#84
1,2,4-Trimethylbenzene
Concen: 20.943 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion:105 Resp: 94734

Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.1	66.1



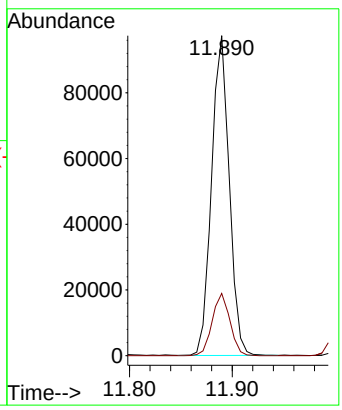


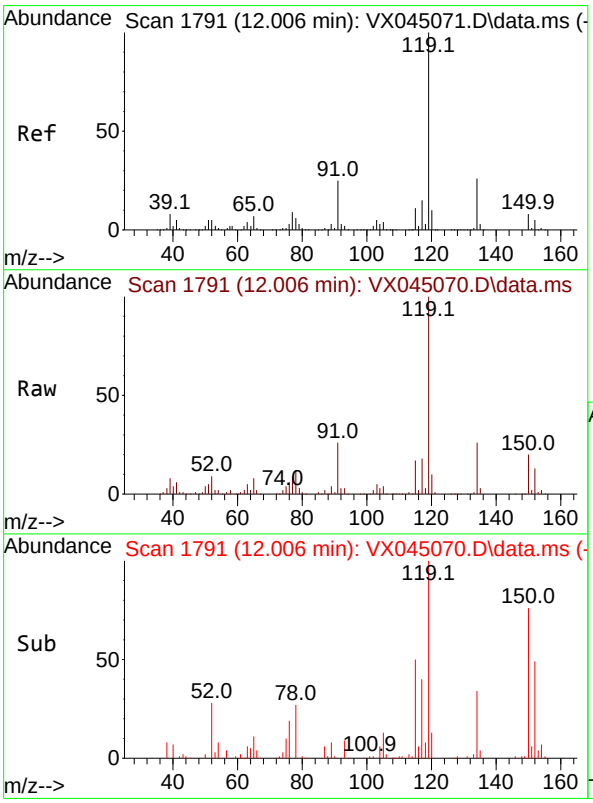
#85
sec-Butylbenzene
Concen: 20.160 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 115953

Ion	Ratio	Lower	Upper
105	100		
134	19.6	9.8	29.4

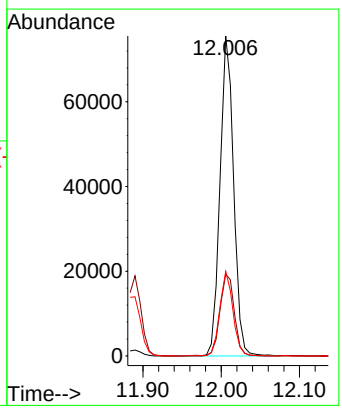


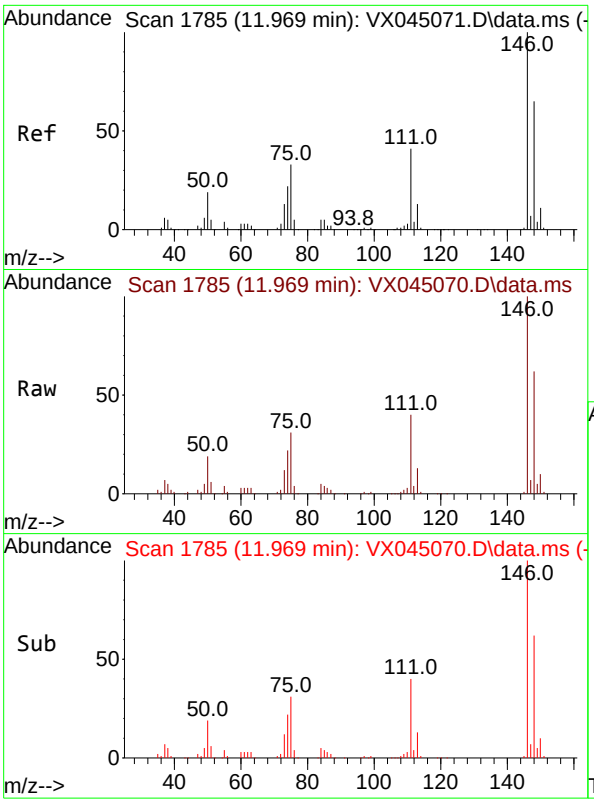


#86
p-Isopropyltoluene
Concen: 19.827 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion:119 Resp: 91554

Ion	Ratio	Lower	Upper
119	100		
134	26.8	12.9	38.6
91	25.6	12.7	38.0



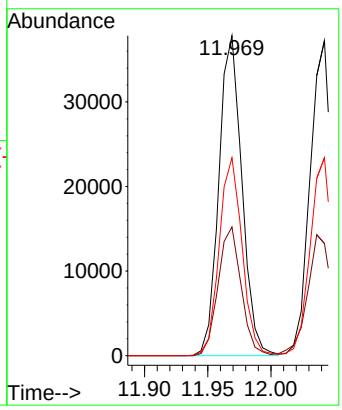


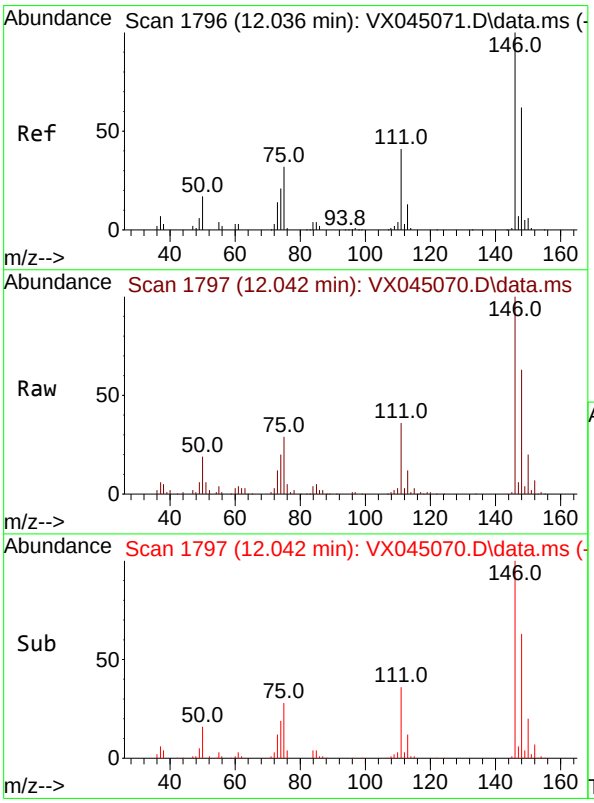
#87
1,3-Dichlorobenzene
Concen: 20.400 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 47934

Ion	Ratio	Lower	Upper
146	100		
111	40.2	21.1	63.4
148	61.6	31.9	95.7

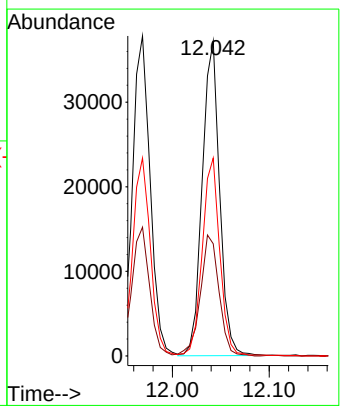


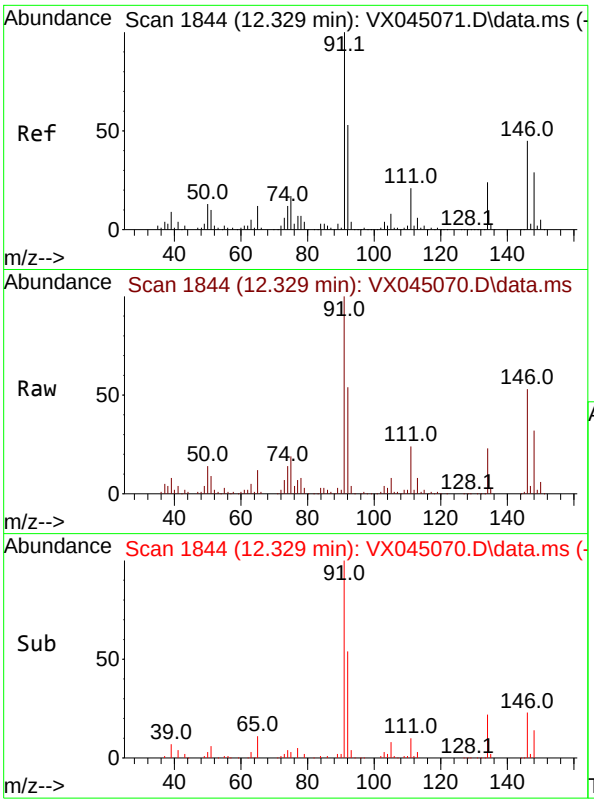


#88
1,4-Dichlorobenzene
Concen: 19.615 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion:146 Resp: 46657

Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.2	60.5
148	63.8	31.9	95.9



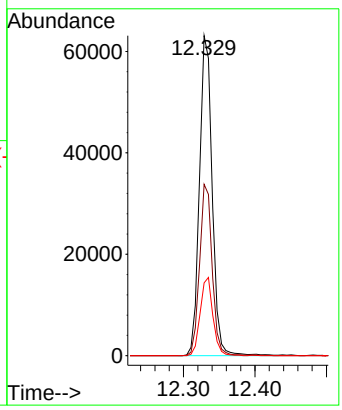


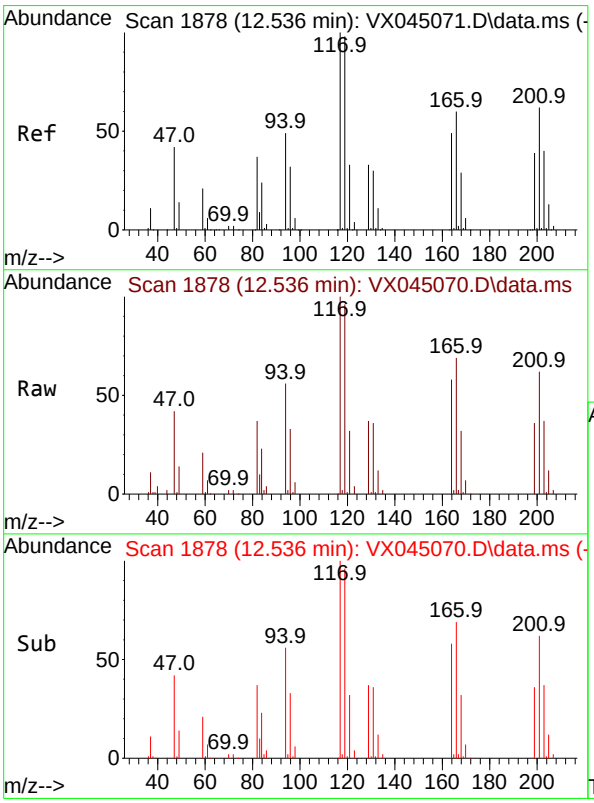
#89
n-Butylbenzene
Concen: 19.249 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 78135

Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.7	80.0
134	24.3	12.2	36.6

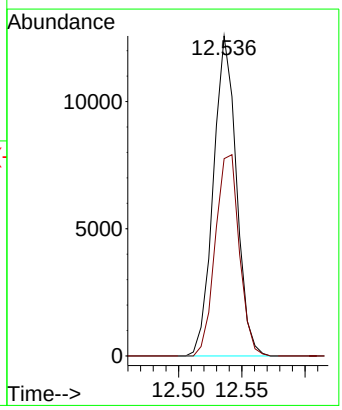


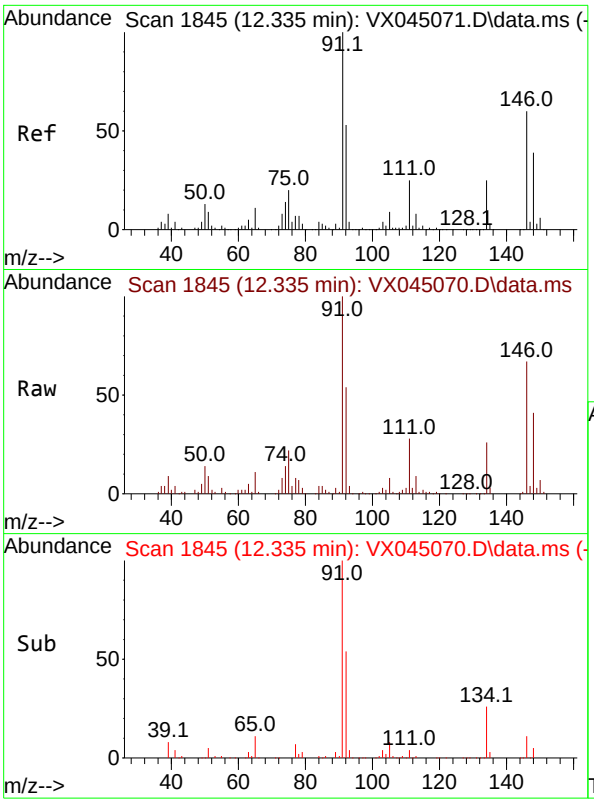


#90
Hexachloroethane
Concen: 18.483 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion:117 Resp: 15919

Ion	Ratio	Lower	Upper
117	100		
201	65.6	31.9	95.9



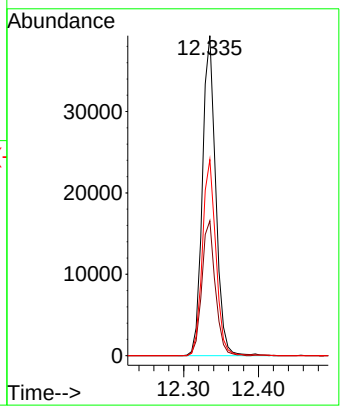


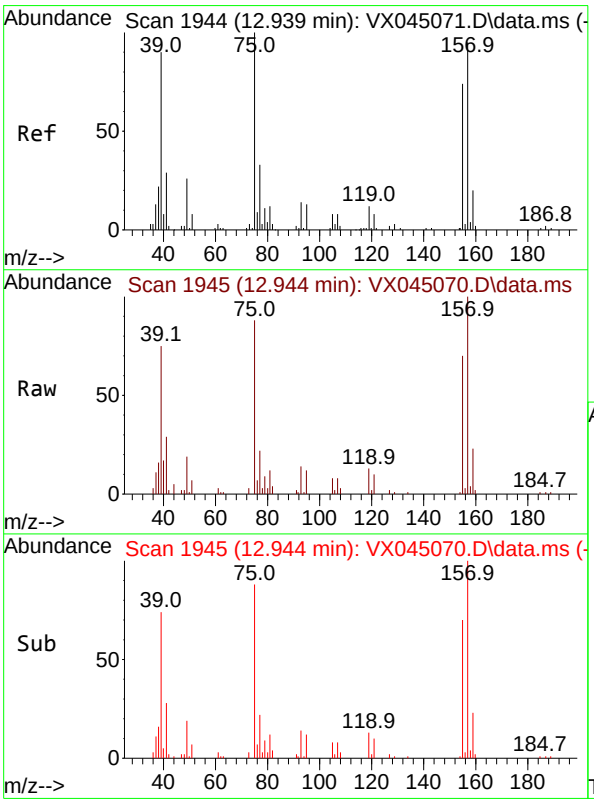
#91
1,2-Dichlorobenzene
Concen: 21.031 ug/l
RT: 12.335 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 48632

Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.6	65.0
148	62.1	31.9	95.9

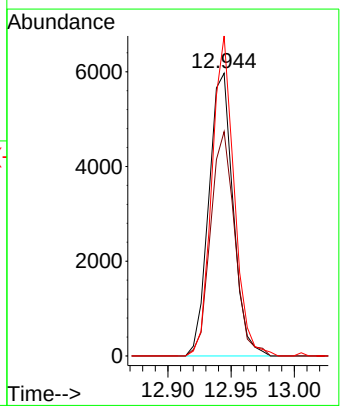


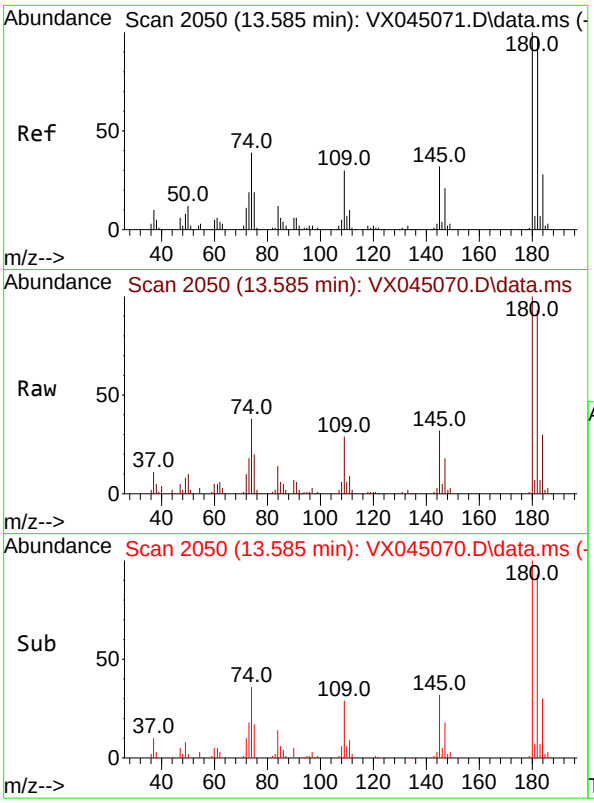


#92
1,2-Dibromo-3-Chloropropane
Concen: 22.119 ug/l
RT: 12.944 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 75 Resp: 7987

Ion	Ratio	Lower	Upper
75	100		
155	78.7	39.6	118.7
157	103.3	51.1	153.4



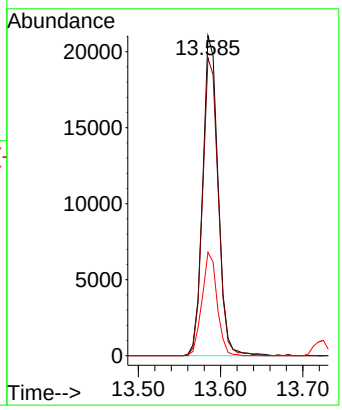


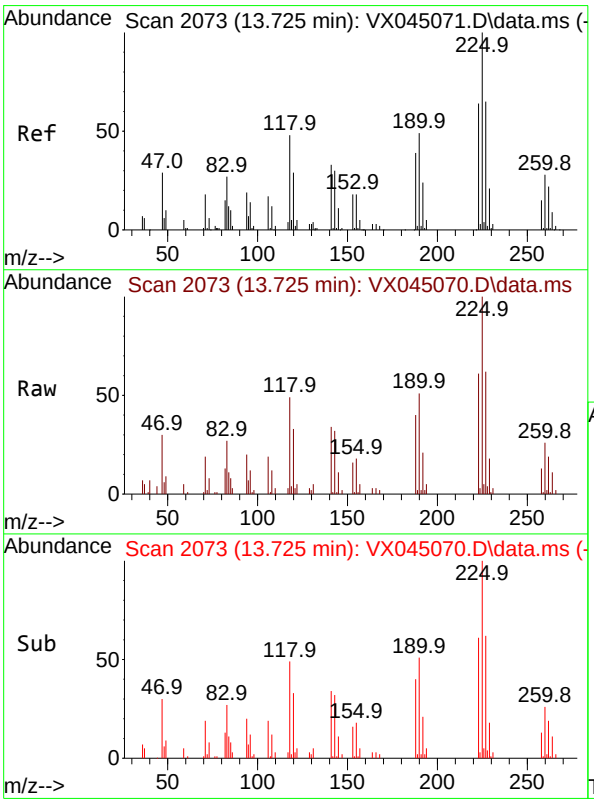
#93
1,2,4-Trichlorobenzene
Concen: 19.617 ug/l
RT: 13.585 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:180 Resp: 27424

Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.3	141.9
145	31.5	16.3	48.9

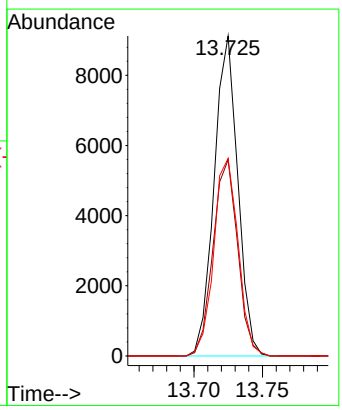


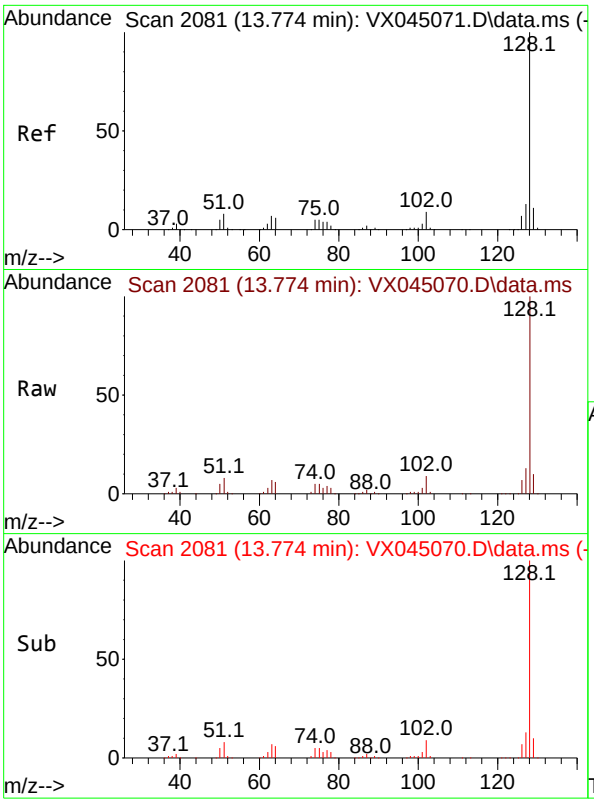


#94
Hexachlorobutadiene
Concen: 19.616 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion:225 Resp: 10934

Ion	Ratio	Lower	Upper
225	100		
223	63.7	31.9	95.7
227	63.7	31.4	94.0



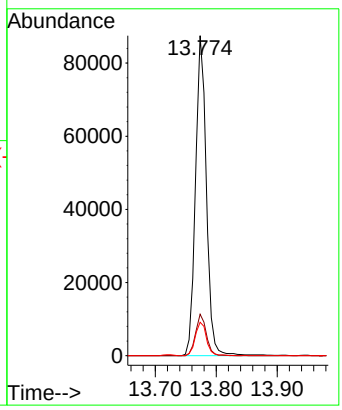


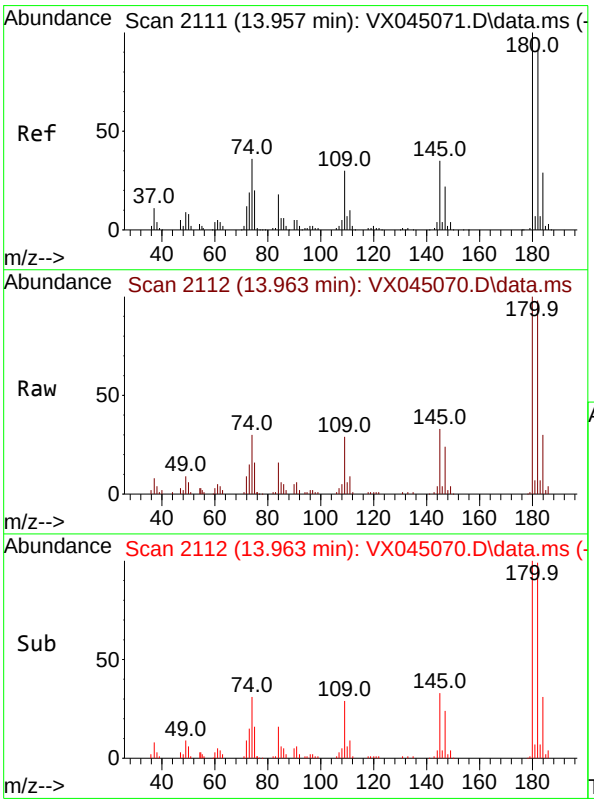
#95
Naphthalene
Concen: 21.279 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:128 Resp: 108350

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	10.8	8.7	13.1

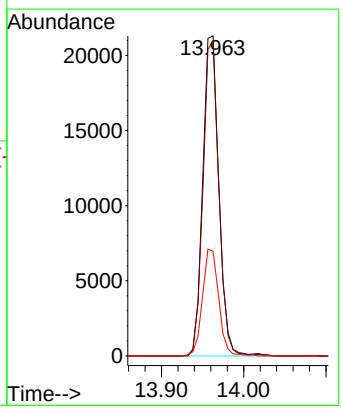




#96
1,2,3-Trichlorobenzene
Concen: 20.432 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion:180 Resp: 28937

Ion	Ratio	Lower	Upper
180	100		
182	97.0	47.5	142.6
145	33.7	17.0	50.9



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045071.D
Acq On : 28 Feb 2025 03:00
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Quant Time: Feb 28 05:34:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	103235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	186358	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	162079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	71264	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	78159	51.250	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.500%			
35) Dibromofluoromethane	5.385	113	61323	50.346	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.700%			
50) Toluene-d8	8.647	98	225493	49.449	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.900%			
62) 4-Bromofluorobenzene	11.079	95	74945	49.212	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.420%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	64743	45.502	ug/l	100
3) Chloromethane	1.307	50	77729	44.894	ug/l	100
4) Vinyl Chloride	1.374	62	78524	46.434	ug/l	100
5) Bromomethane	1.593	94	30169	57.066	ug/l	100
6) Chloroethane	1.660	64	38461	59.750	ug/l	100
7) Trichlorofluoromethane	1.868	101	108411	50.047	ug/l	100
8) Diethyl Ether	2.136	74	40001	50.814	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.313	101	61312	47.399	ug/l	100
10) Methyl Iodide	2.441	142	79357	47.854	ug/l	100
11) Tert butyl alcohol	2.983	59	69139	247.496	ug/l	100
12) 1,1-Dichloroethene	2.307	96	64327	48.434	ug/l	100
13) Acrolein	2.233	56	89603	296.189	ug/l	100
14) Allyl chloride	2.654	41	114313	47.875	ug/l	100
15) Acrylonitrile	3.062	53	211455	278.519	ug/l	100
16) Acetone	2.386	43	181429	289.130	ug/l	100
17) Carbon Disulfide	2.502	76	171353	47.419	ug/l	100
18) Methyl Acetate	2.703	43	89508	47.359	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	215043	50.642	ug/l	100
20) Methylene Chloride	2.782	84	72081	48.500	ug/l	100
21) trans-1,2-Dichloroethene	3.087	96	65093	49.832	ug/l	100
22) Diisopropyl ether	3.764	45	236563	51.816	ug/l	100
23) Vinyl Acetate	3.721	43	1018631	271.773	ug/l	100
24) 1,1-Dichloroethane	3.605	63	128235	50.270	ug/l	100
25) 2-Butanone	4.562	43	298785	295.330	ug/l	100
26) 2,2-Dichloropropane	4.471	77	61631	32.498	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	78657	49.955	ug/l	100
28) Bromochloromethane	4.898	49	62299	50.643	ug/l	100
29) Tetrahydrofuran	5.007	42	192607	287.345	ug/l	100
30) Chloroform	5.087	83	128581	51.532	ug/l	100
31) Cyclohexane	5.464	56	114333	48.836	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	105671	50.306	ug/l	100
36) 1,1-Dichloropropene	5.690	75	87338	49.861	ug/l	100
37) Ethyl Acetate	4.715	43	112892	56.641	ug/l	100
38) Carbon Tetrachloride	5.672	117	87123	50.593	ug/l	100
39) Methylcyclohexane	7.373	83	108974	48.715	ug/l	100
40) Benzene	6.031	78	278802	50.925	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045071.D
Acq On : 28 Feb 2025 03:00
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Quant Time: Feb 28 05:34:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	63454	59.598	ug/l		100
42) 1,2-Dichloroethane	6.080	62	98340	55.428	ug/l		100
43) Isopropyl Acetate	6.342	43	173045	54.544	ug/l		100
44) Trichloroethene	7.123	130	63513	50.756	ug/l		100
45) 1,2-Dichloropropane	7.428	63	69128	50.808	ug/l		100
46) Dibromomethane	7.580	93	50143	52.757	ug/l		100
47) Bromodichloromethane	7.818	83	97729	53.153	ug/l		100
48) Methyl methacrylate	7.690	41	86231	57.256	ug/l		100
49) 1,4-Dioxane	7.659	88	35053	1095.003	ug/l		100
51) 4-Methyl-2-Pentanone	8.574	43	568737	292.570	ug/l		100
52) Toluene	8.714	92	167431	51.505	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	87373	48.078	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	99713	49.079	ug/l		100
55) 1,1,2-Trichloroethane	9.147	97	66379	52.724	ug/l		100
56) Ethyl methacrylate	9.116	69	106157	52.724	ug/l		100
57) 1,3-Dichloropropane	9.305	76	115488	52.594	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	264555	267.612	ug/l		100
59) 2-Hexanone	9.427	43	416984	297.362	ug/l		100
60) Dibromochloromethane	9.519	129	71569	53.284	ug/l		100
61) 1,2-Dibromoethane	9.604	107	66312	52.217	ug/l		100
64) Tetrachloroethene	9.269	164	52531	51.021	ug/l		100
65) Chlorobenzene	10.079	112	176922	50.853	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	57642	51.402	ug/l		100
67) Ethyl Benzene	10.189	91	316427	51.431	ug/l		100
68) m/p-Xylenes	10.299	106	234554	103.515	ug/l		100
69) o-Xylene	10.640	106	114440	50.341	ug/l		100
70) Styrene	10.653	104	191406	52.387	ug/l		100
71) Bromoform	10.799	173	44730	53.645	ug/l	#	100
73) Isopropylbenzene	10.963	105	294694	51.167	ug/l		100
74) N-amyl acetate	10.842	43	140869	53.881	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.213	83	101089	50.945	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	103161	64.894	ug/l		86
77) Bromobenzene	11.195	156	66904	51.173	ug/l		100
78) n-propylbenzene	11.305	91	342399	51.546	ug/l		100
79) 2-Chlorotoluene	11.360	91	204484	50.154	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	241129	51.613	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	24135	41.172	ug/l		100
82) 4-Chlorotoluene	11.451	91	230493	51.072	ug/l		100
83) tert-Butylbenzene	11.713	119	240510	50.895	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	240719	52.326	ug/l		100
85) sec-Butylbenzene	11.890	105	300393	51.353	ug/l		100
86) p-Isopropyltoluene	12.006	119	244031	51.964	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	118879	49.747	ug/l		100
88) 1,4-Dichlorobenzene	12.036	146	120217	49.694	ug/l		100
89) n-Butylbenzene	12.329	91	214685	52.006	ug/l		100
90) Hexachloroethane	12.536	117	43086	49.188	ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	118896	50.557	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20610	56.123	ug/l		100
93) 1,2,4-Trichlorobenzene	13.585	180	71897	50.571	ug/l		100
94) Hexachlorobutadiene	13.725	225	27916	49.245	ug/l		100
95) Naphthalene	13.774	128	278086	53.700	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	75482	52.406	ug/l		100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045071.D
Acq On : 28 Feb 2025 03:00
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Quant Time: Feb 28 05:34:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration

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

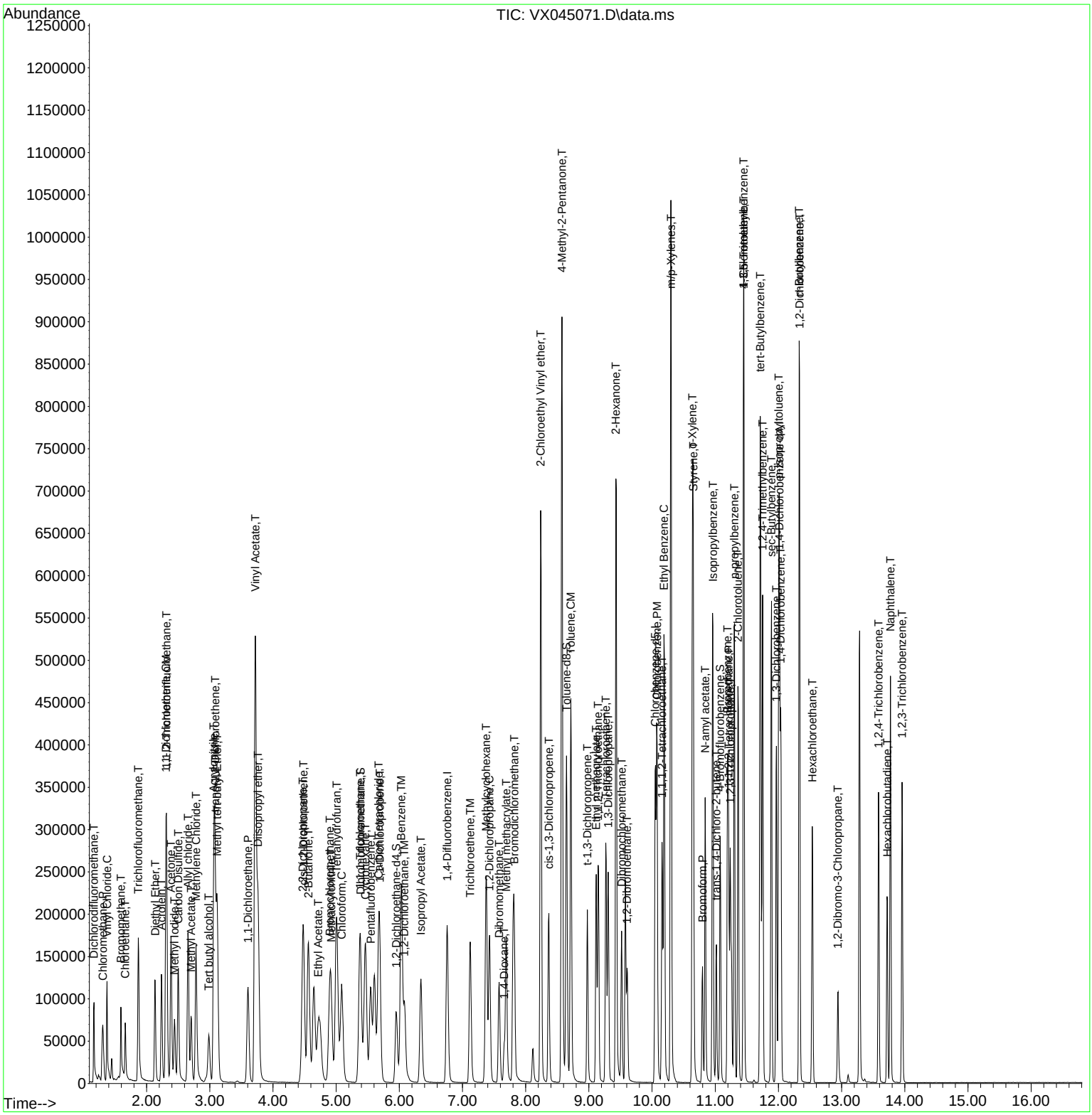
(#) = qualifier out of range (m) = manual integration (+) = signals summed

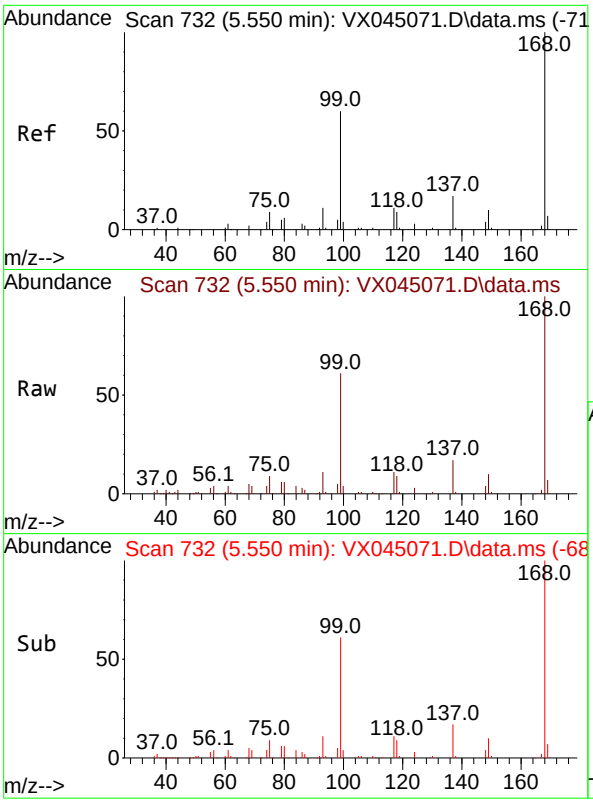
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045071.D
Acq On : 28 Feb 2025 03:00
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Quant Time: Feb 28 05:34:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration



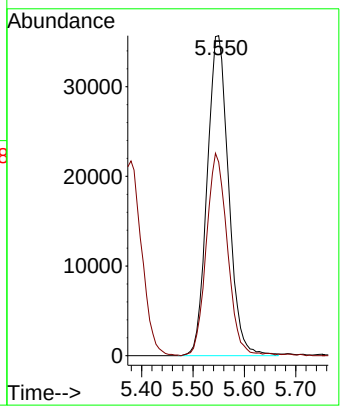


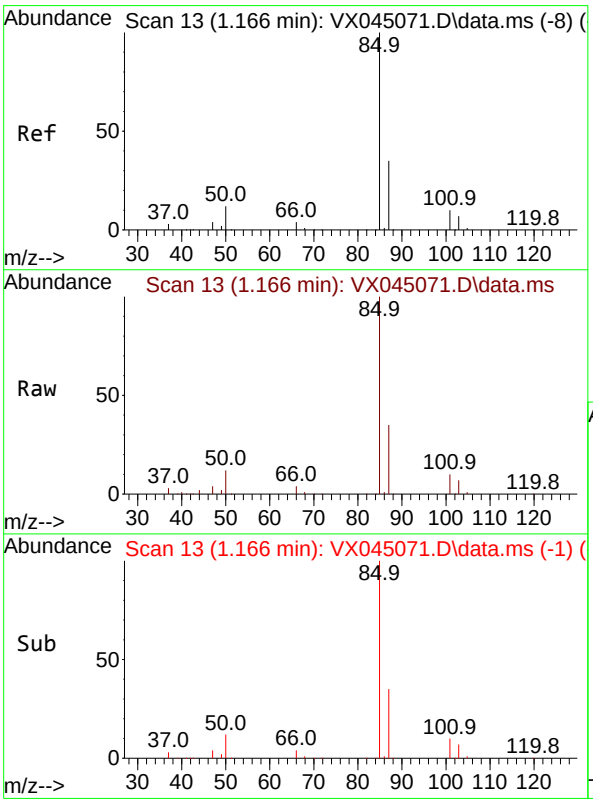
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:168 Resp: 103235

Ion	Ratio	Lower	Upper
168	100		
99	60.3	48.2	72.4

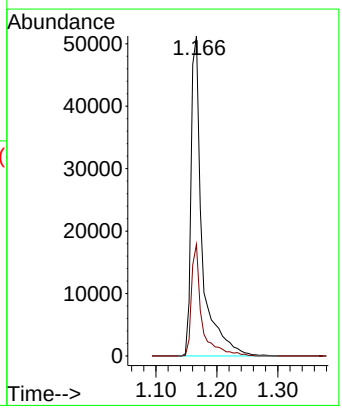


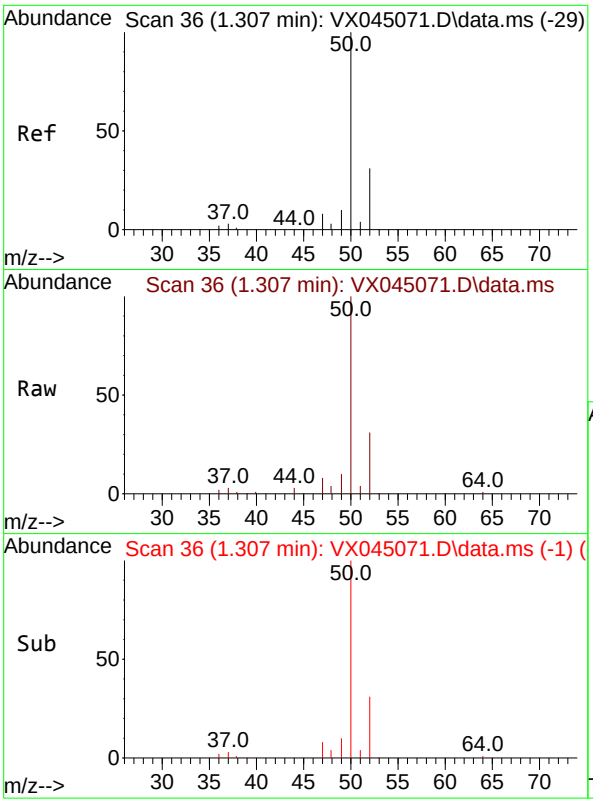


#2
Dichlorodifluoromethane
Concen: 45.502 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 85 Resp: 64743

Ion	Ratio	Lower	Upper
85	100		
87	34.9	17.4	52.3



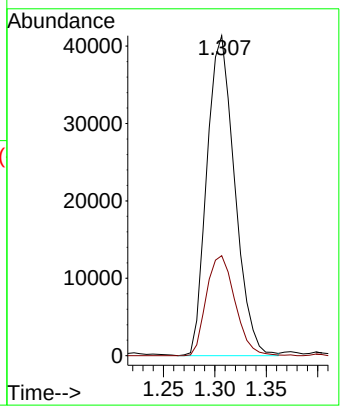


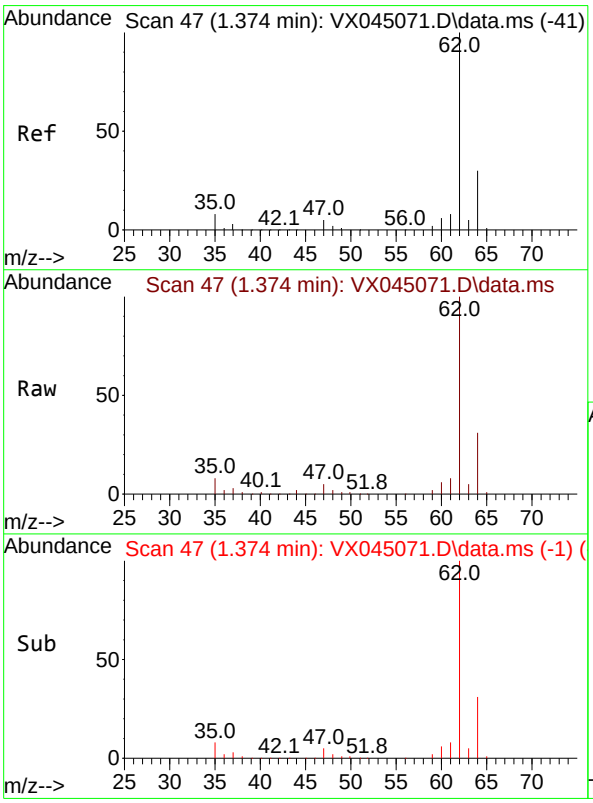
#3
Chloromethane
Concen: 44.894 ug/l
RT: 1.307 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 50 Resp: 77729

Ion	Ratio	Lower	Upper
50	100		
52	31.2	25.0	37.4

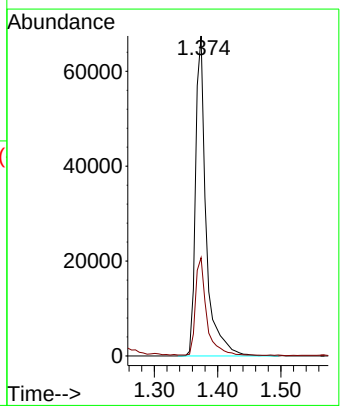


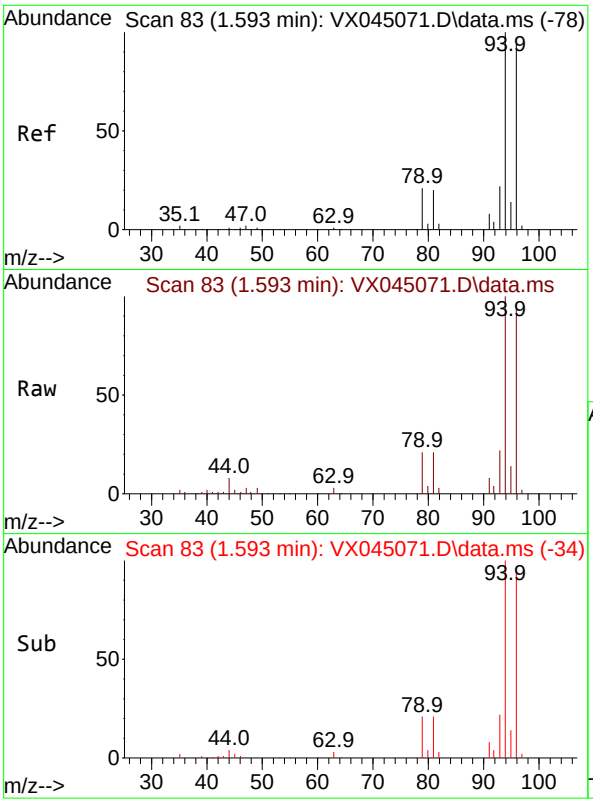


#4
Vinyl Chloride
Concen: 46.434 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 62 Resp: 78524

Ion	Ratio	Lower	Upper
62	100		
64	30.4	24.3	36.5



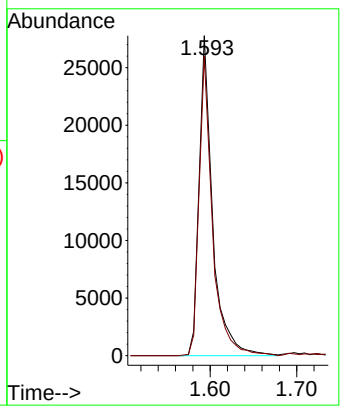


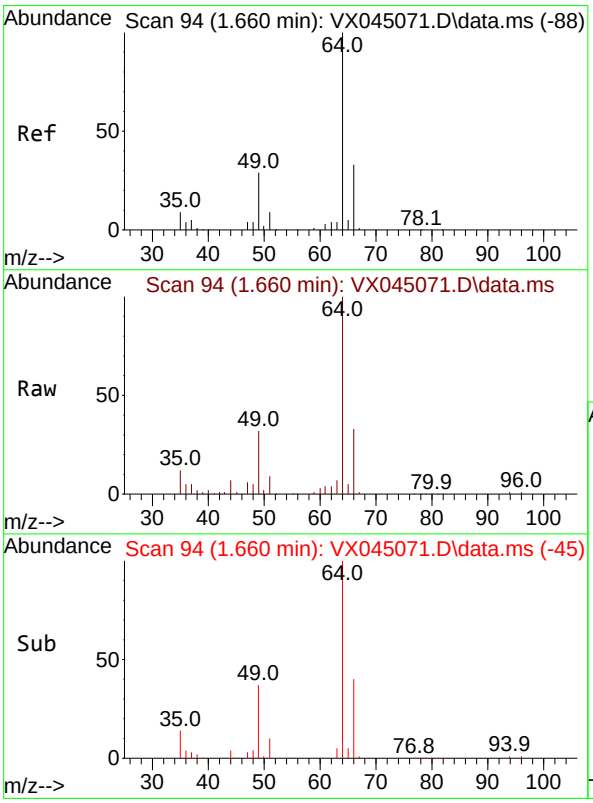
#5
Bromomethane
Concen: 57.066 ug/l
RT: 1.593 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 94 Resp: 30169

Ion	Ratio	Lower	Upper
94	100		
96	93.7	75.0	112.4

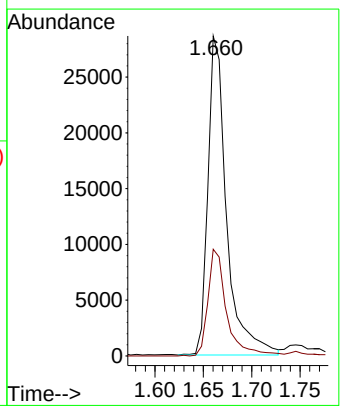


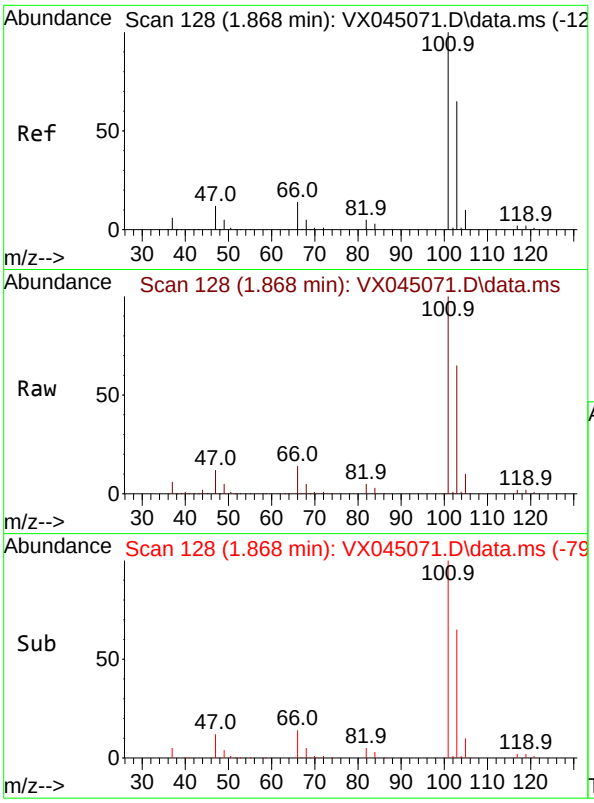


#6
Chloroethane
Concen: 59.750 ug/l
RT: 1.660 min Scan# 94
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 64 Resp: 38461

Ion	Ratio	Lower	Upper
64	100		
66	33.4	26.7	40.1



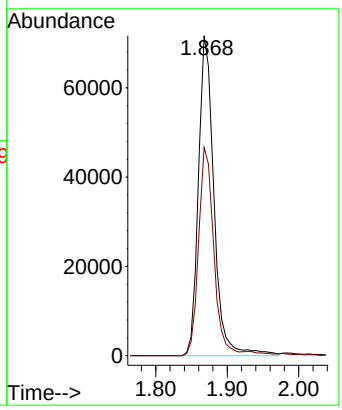


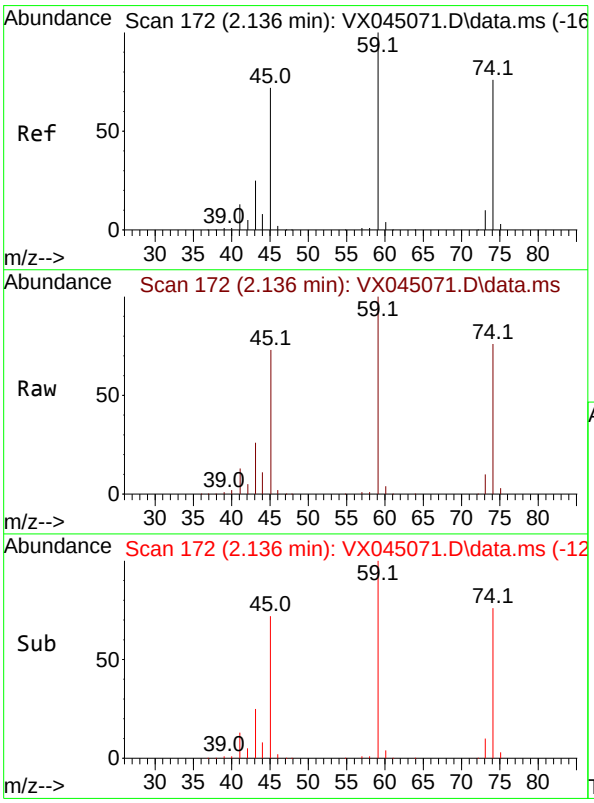
#7
Trichlorofluoromethane
Concen: 50.047 ug/l
RT: 1.868 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 108411

Ion	Ratio	Lower	Upper
101	100		
103	65.1	52.1	78.1

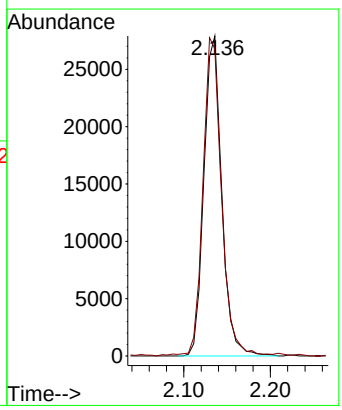


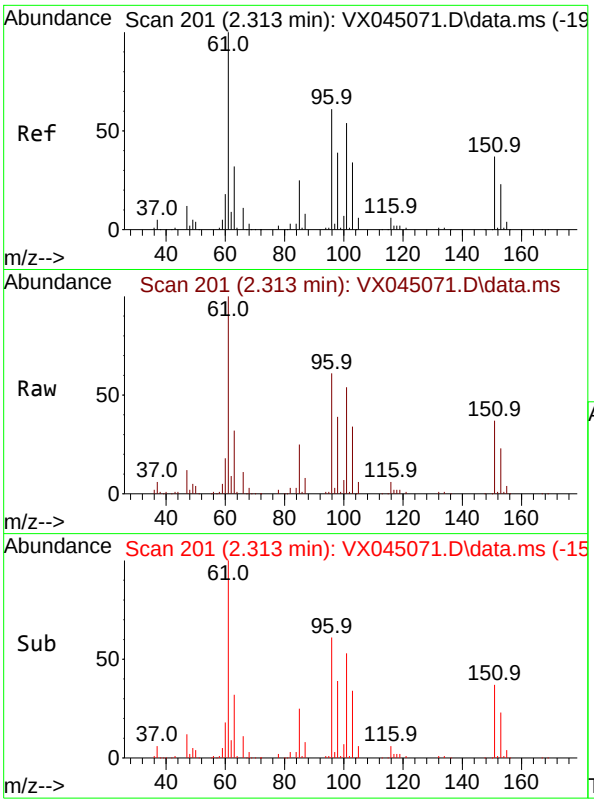


#8
Diethyl Ether
Concen: 50.814 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 74 Resp: 40001

Ion	Ratio	Lower	Upper
74	100		
45	103.0	51.5	154.5



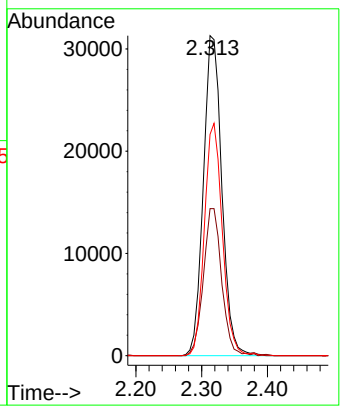


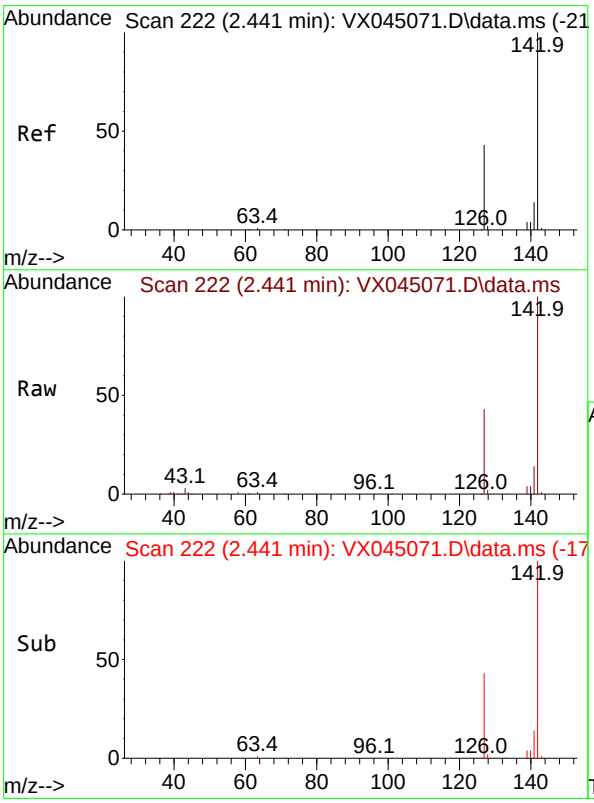
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.399 ug/l
RT: 2.313 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 61312

Ion	Ratio	Lower	Upper
101	100		
85	45.3	36.2	54.4
151	70.5	56.4	84.6

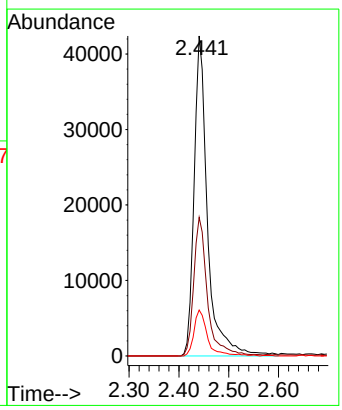


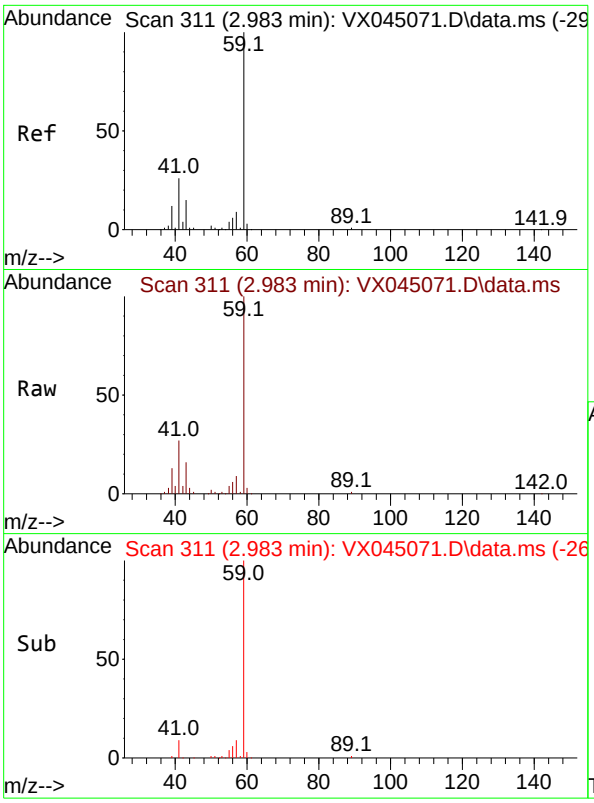


#10
Methyl Iodide
Concen: 47.854 ug/l
RT: 2.441 min Scan# 222
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion:142 Resp: 79357

Ion	Ratio	Lower	Upper
142	100		
127	44.3	35.4	53.2
141	14.5	11.6	17.4



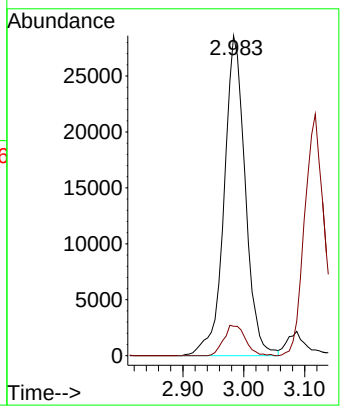


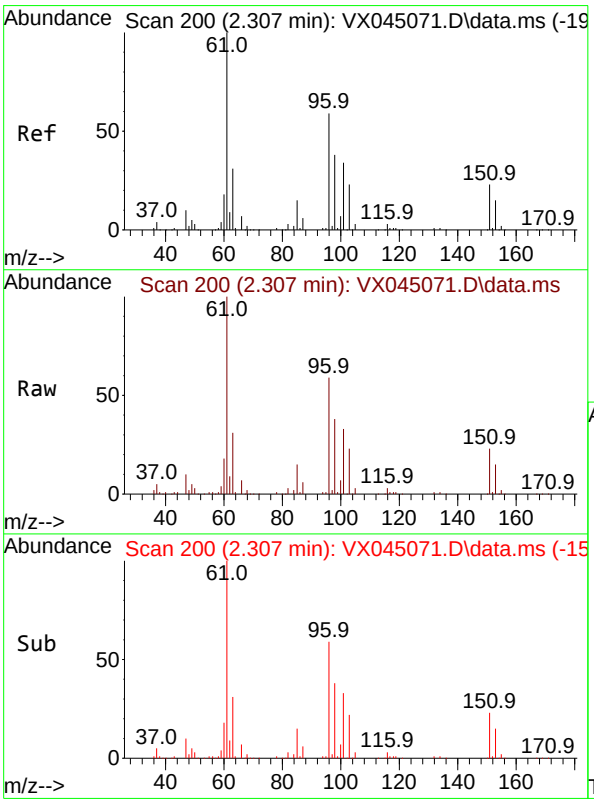
#11
Tert butyl alcohol
Concen: 247.496 ug/l
RT: 2.983 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 59 Resp: 69139

Ion	Ratio	Lower	Upper
59	100		
57	9.8	7.8	11.8

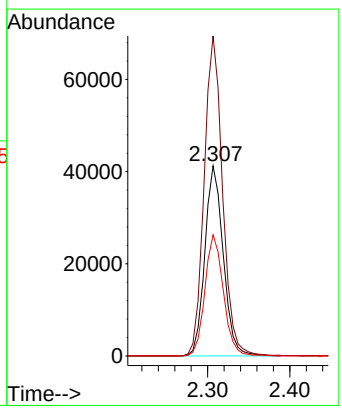


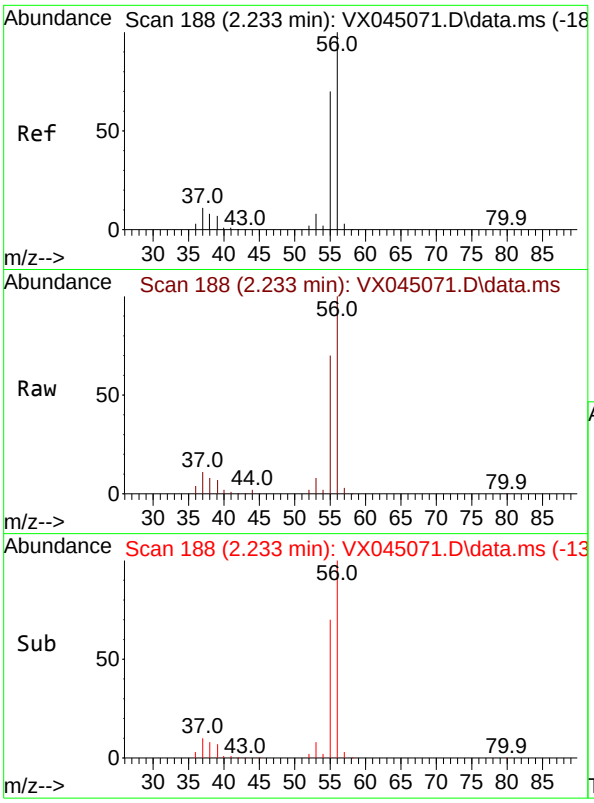


#12
1,1-Dichloroethene
Concen: 48.434 ug/l
RT: 2.307 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 96 Resp: 64327

Ion	Ratio	Lower	Upper
96	100		
61	168.3	134.6	202.0
98	63.8	51.0	76.6



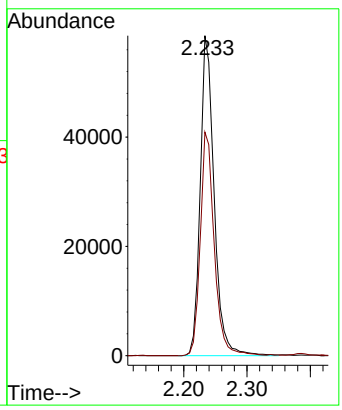


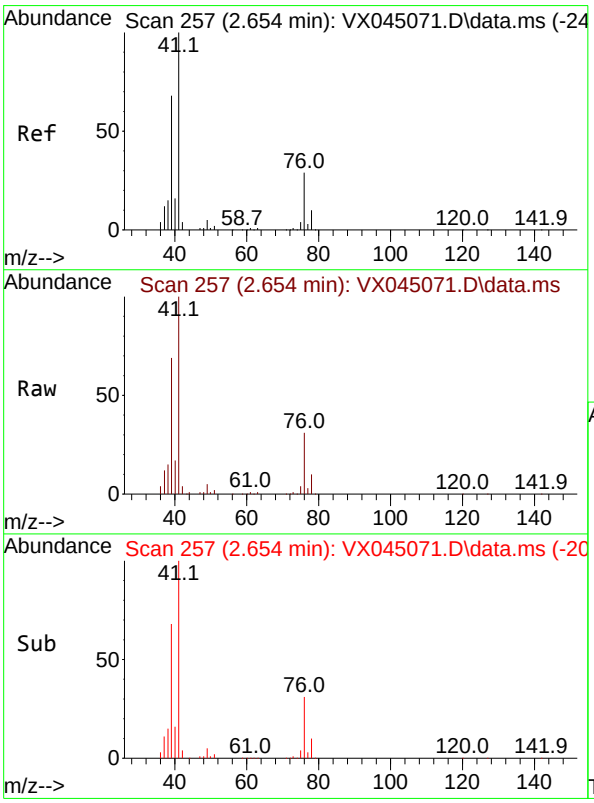
#13
Acrolein
Concen: 296.189 ug/l
RT: 2.233 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 89603

Ion	Ratio	Lower	Upper
56	100		
55	70.3	56.2	84.4

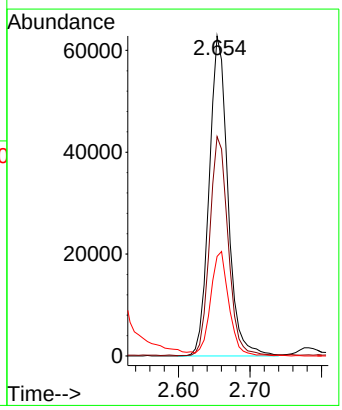


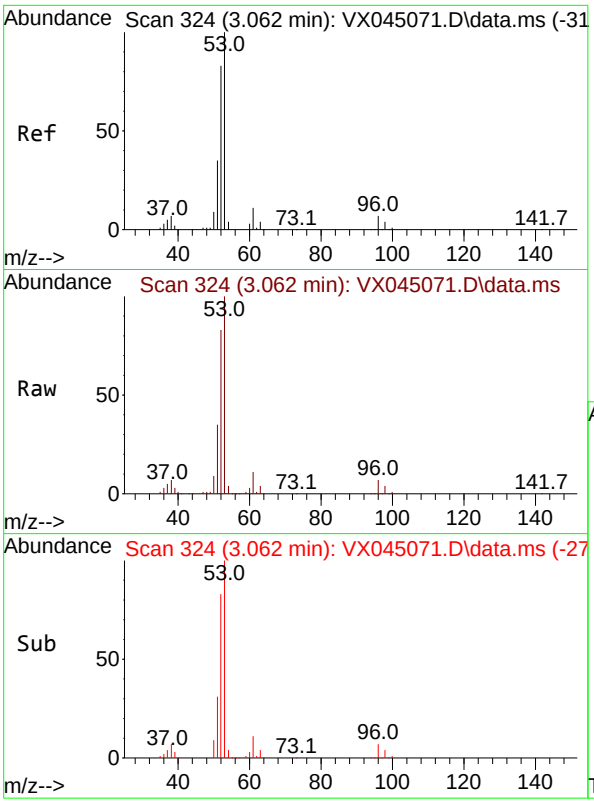


#14
Allyl chloride
Concen: 47.875 ug/l
RT: 2.654 min Scan# 257
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 41 Resp: 114313

Ion	Ratio	Lower	Upper
41	100		
39	67.3	53.8	80.8
76	31.5	25.2	37.8



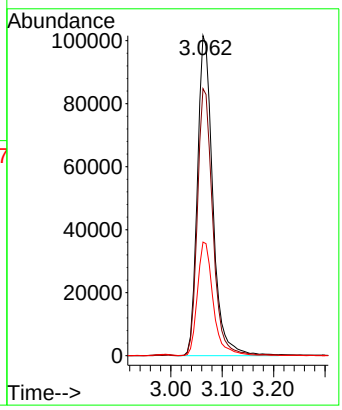


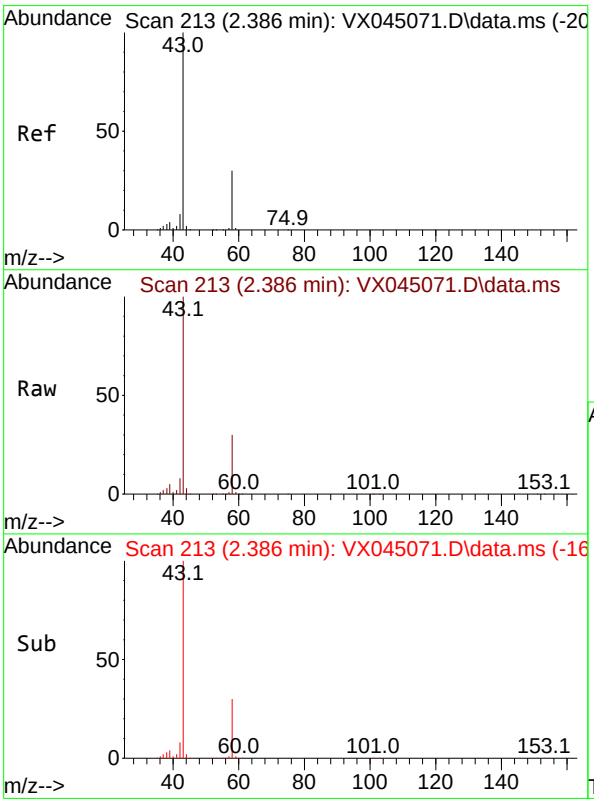
#15
Acrylonitrile
Concen: 278.519 ug/l
RT: 3.062 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 53 Resp: 211455

Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.2	99.2
51	36.2	29.0	43.4

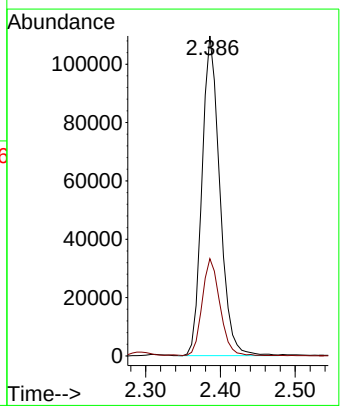


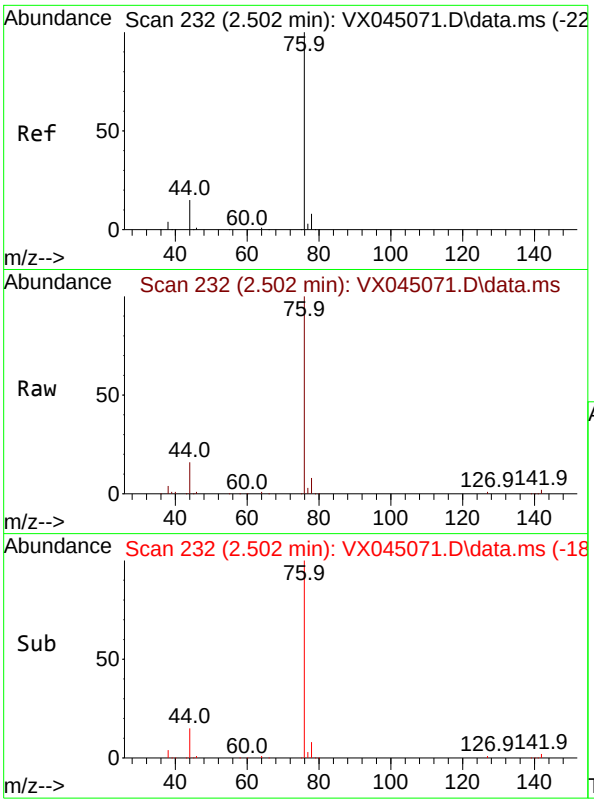


#16
Acetone
Concen: 289.130 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 43 Resp: 181429

Ion	Ratio	Lower	Upper
43	100		
58	30.3	24.2	36.4



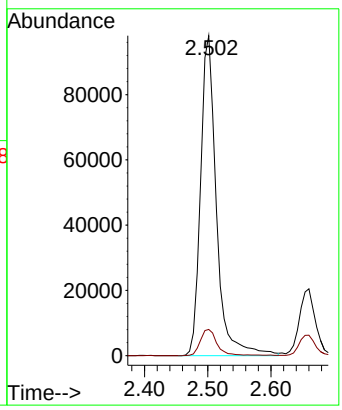


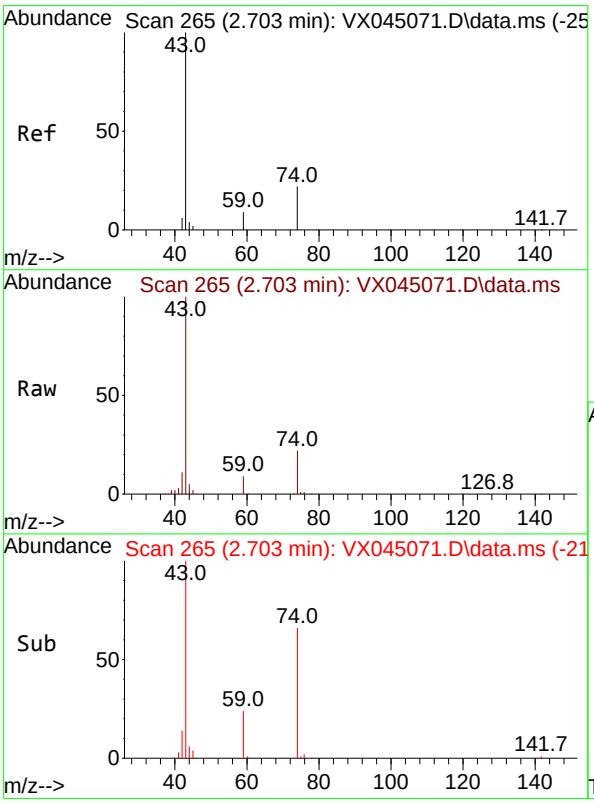
#17
Carbon Disulfide
Concen: 47.419 ug/l
RT: 2.502 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 171353

Ion	Ratio	Lower	Upper
76	100		
78	8.2	6.6	9.8

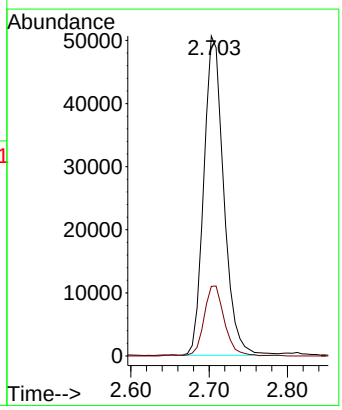


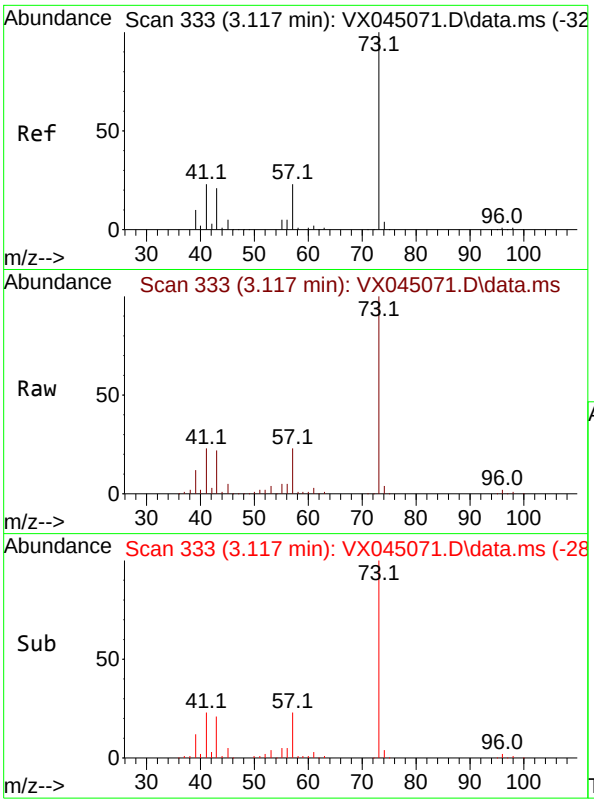


#18
Methyl Acetate
Concen: 47.359 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 43 Resp: 89508

Ion	Ratio	Lower	Upper
43	100		
74	21.8	17.4	26.2



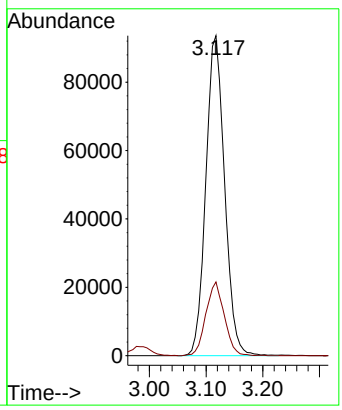


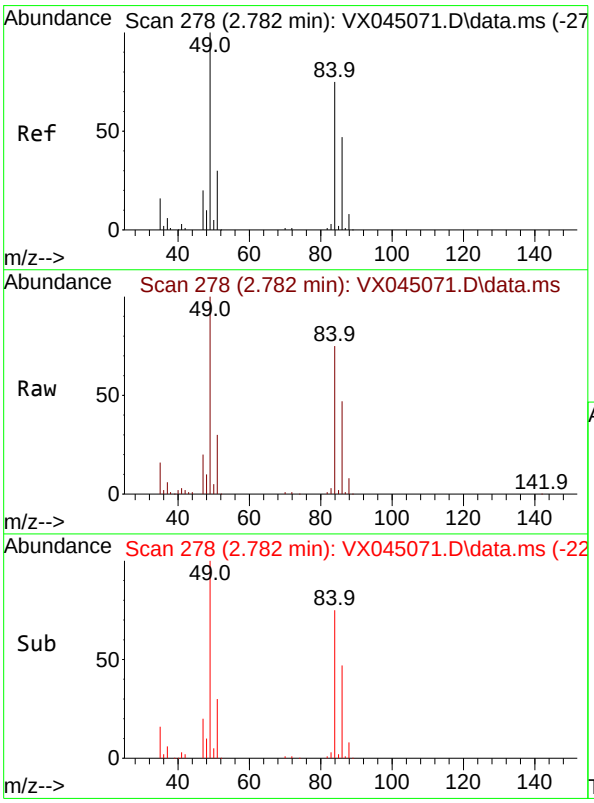
#19
Methyl tert-butyl Ether
Concen: 50.642 ug/l
RT: 3.117 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 215043

Ion	Ratio	Lower	Upper
73	100		
57	23.1	18.5	27.7

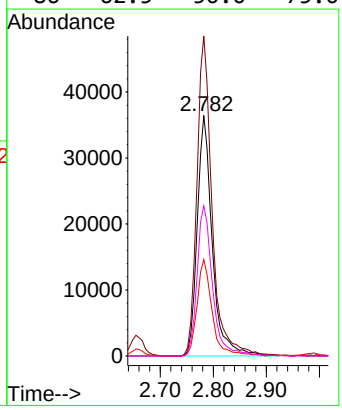


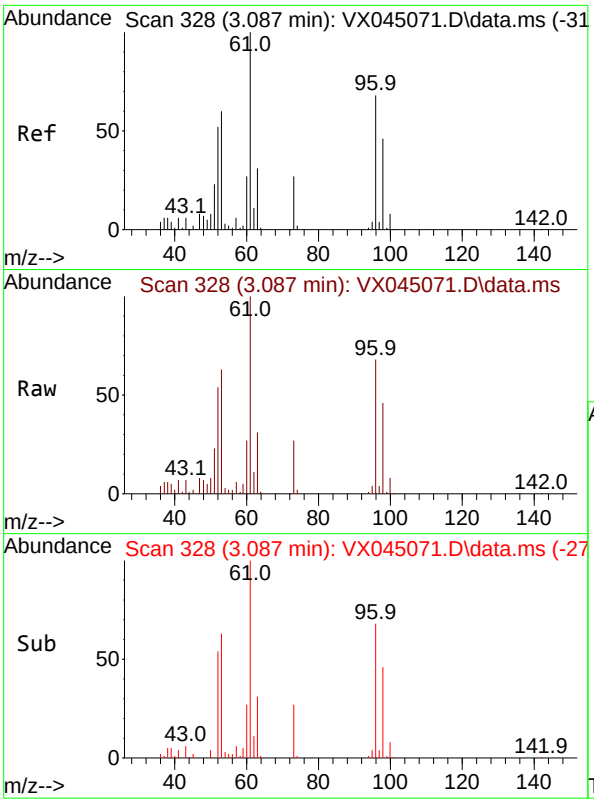


#20
Methylene Chloride
Concen: 48.500 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 84 Resp: 72081

Ion	Ratio	Lower	Upper
84	100		
49	133.1	106.5	159.7
51	40.1	32.1	48.1
86	62.5	50.0	75.0



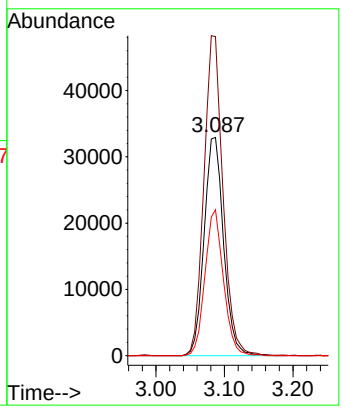


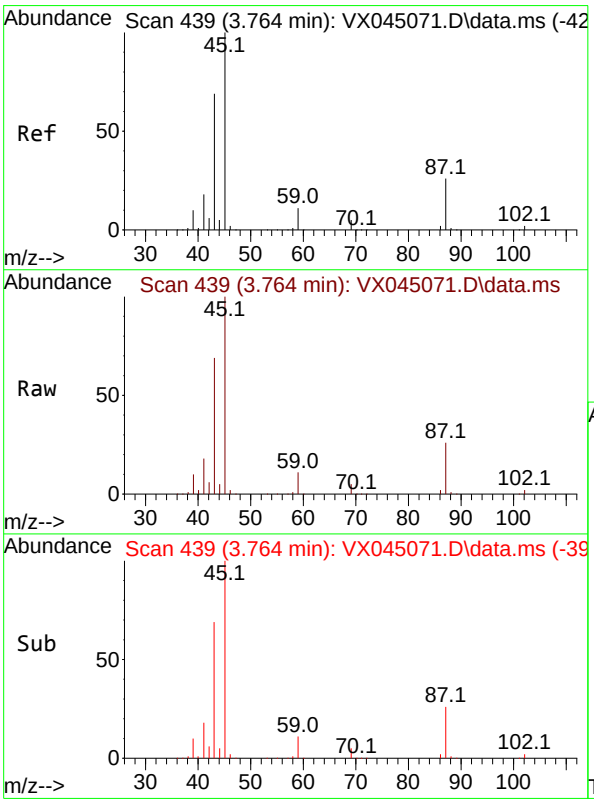
#21
trans-1,2-Dichloroethene
Concen: 49.832 ug/l
RT: 3.087 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 96 Resp: 65093

Ion	Ratio	Lower	Upper
96	100		
61	146.2	117.0	175.4
98	66.8	53.4	80.2

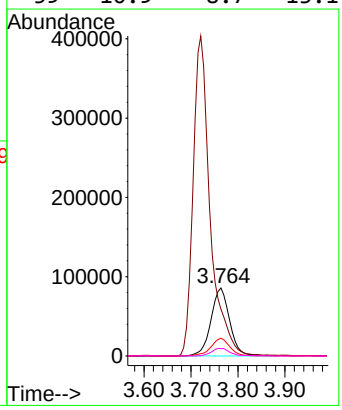


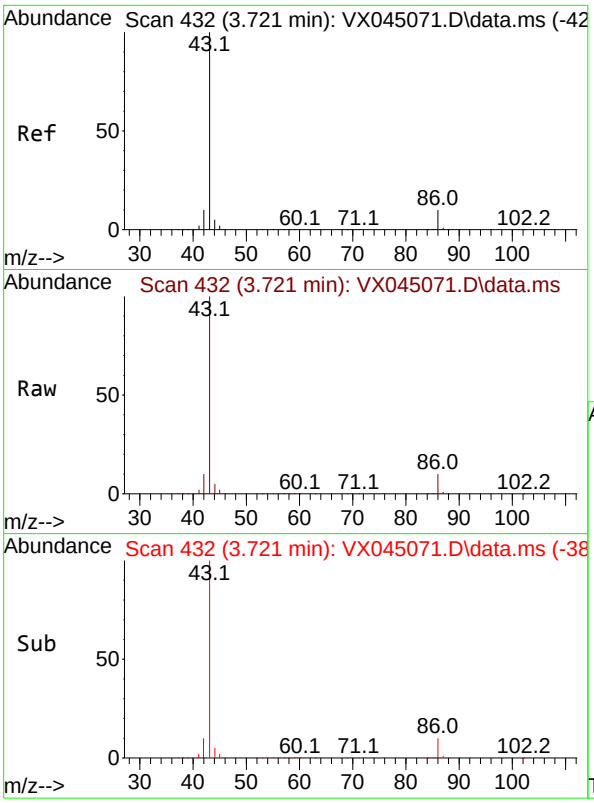


#22
Diisopropyl ether
Concen: 51.816 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 45 Resp: 236563

Ion	Ratio	Lower	Upper
45	100		
43	68.6	54.9	82.3
87	26.2	21.0	31.4
59	10.9	8.7	13.1



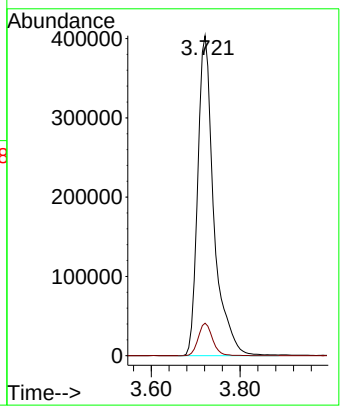


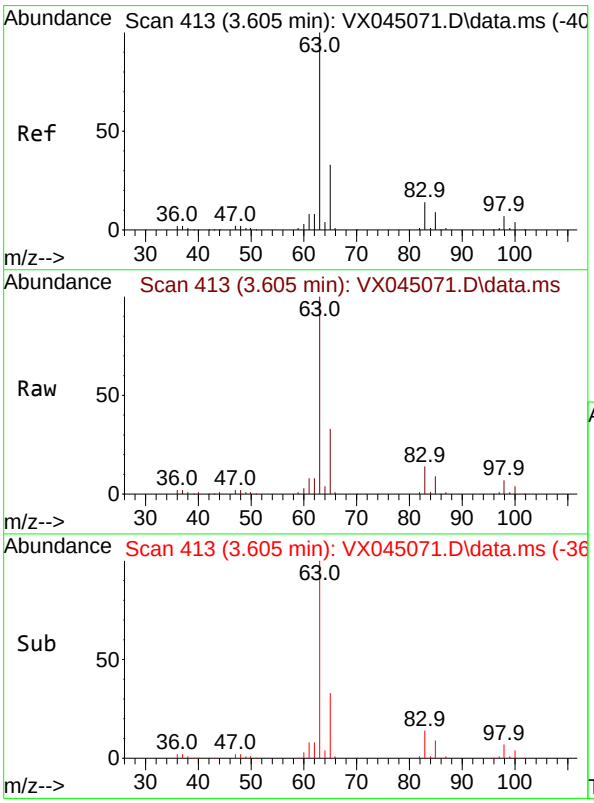
#23
Vinyl Acetate
Concen: 271.773 ug/l
RT: 3.721 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 1018631

Ion	Ratio	Lower	Upper
43	100		
86	10.1	8.1	12.1

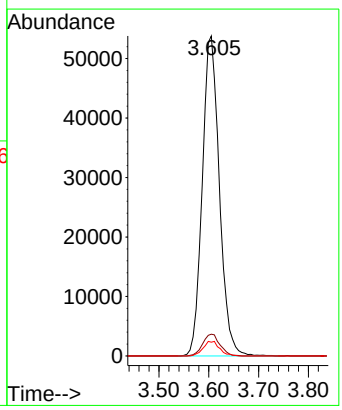


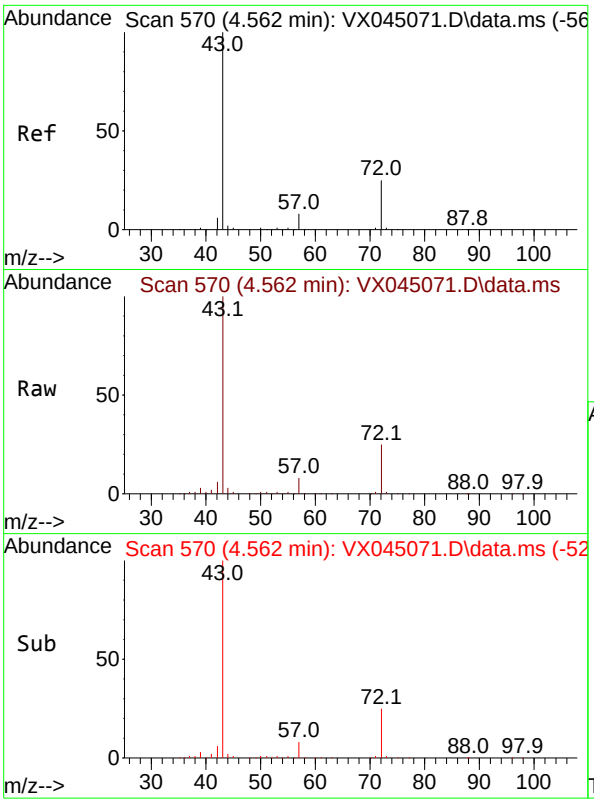


#24
1,1-Dichloroethane
Concen: 50.270 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 63 Resp: 128235

Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.4	10.2
100	4.3	2.1	6.5



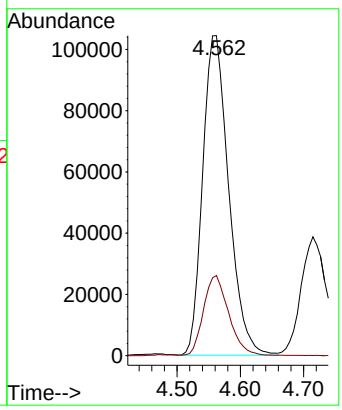


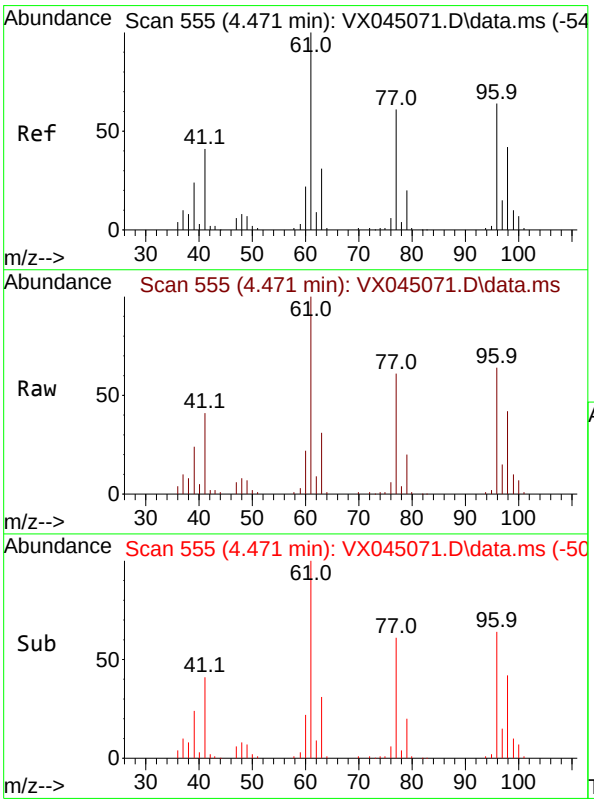
#25
2-Butanone
Concen: 295.330 ug/l
RT: 4.562 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 298785

Ion	Ratio	Lower	Upper
43	100		
72	25.0	20.0	30.0

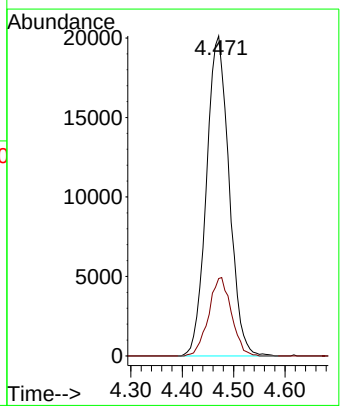


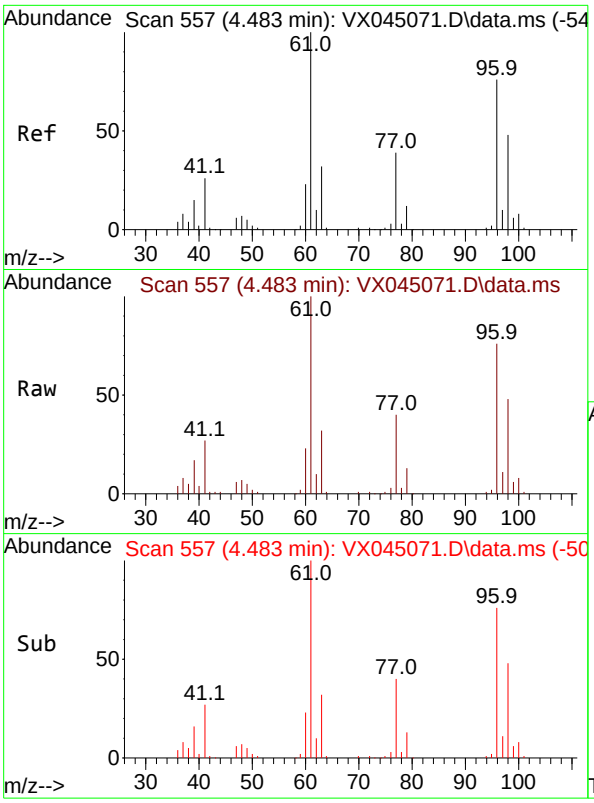


#26
2,2-Dichloropropane
Concen: 32.498 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 77 Resp: 61631

Ion	Ratio	Lower	Upper
77	100		
97	24.7	12.4	37.0



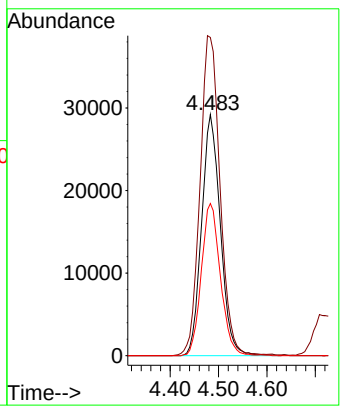


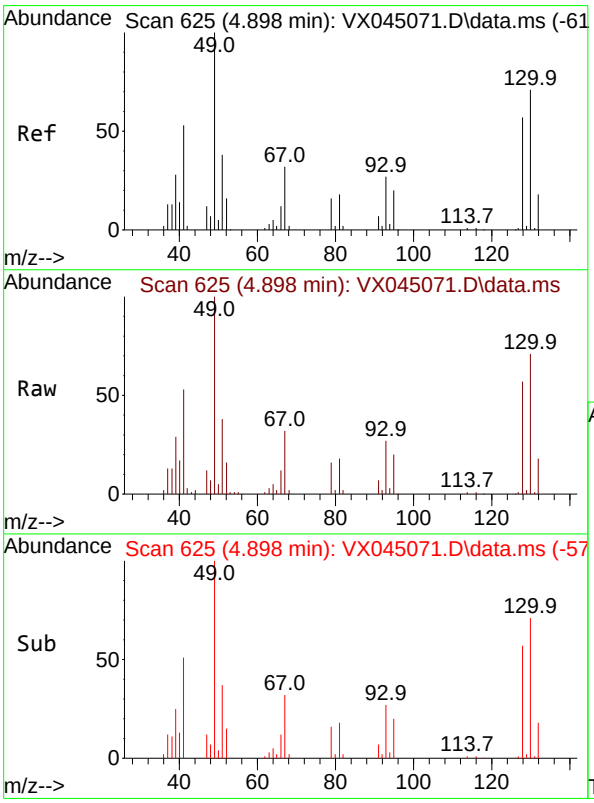
#27
cis-1,2-Dichloroethene
Concen: 49.955 ug/l
RT: 4.483 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 96 Resp: 78657

Ion	Ratio	Lower	Upper
96	100		
61	141.6	0.0	283.2
98	64.0	0.0	128.0

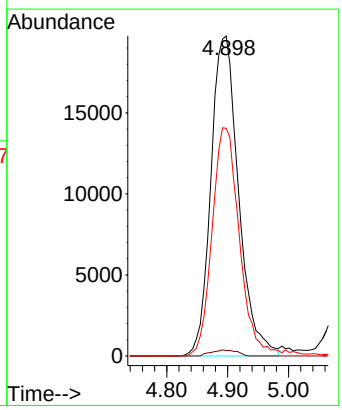


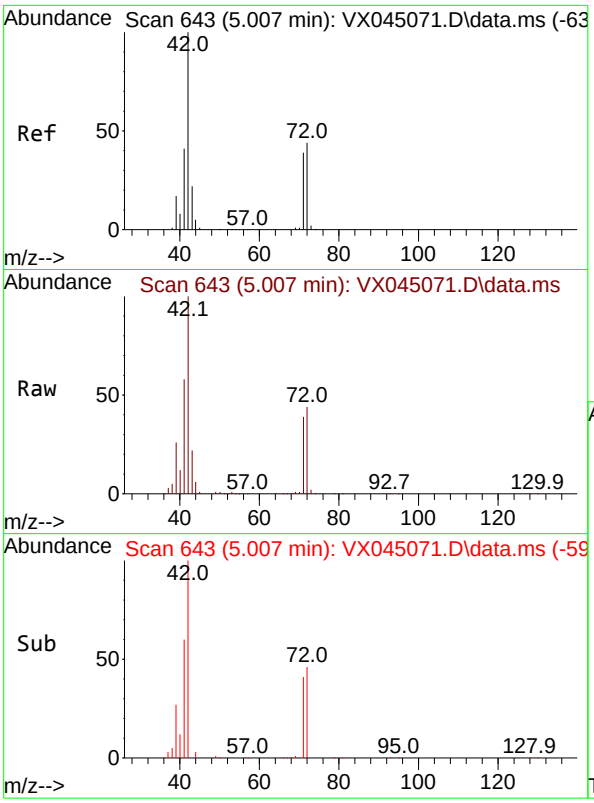


#28
Bromochloromethane
Concen: 50.643 ug/l
RT: 4.898 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 49 Resp: 62299

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.4
130	70.1	56.1	84.1



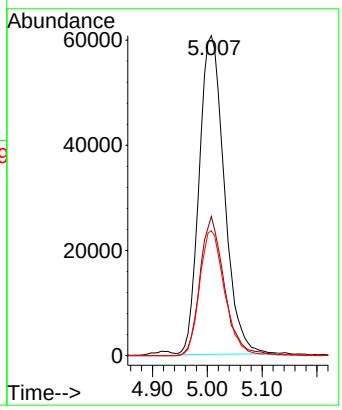


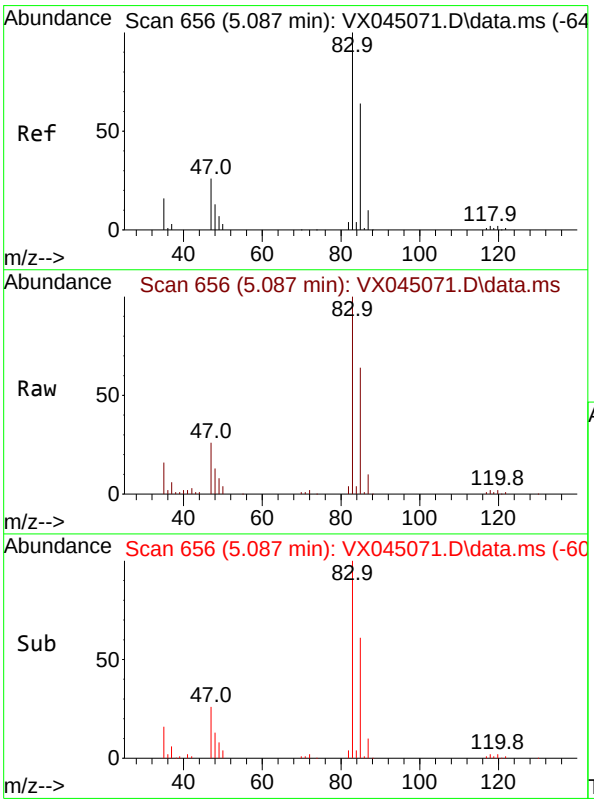
#29
Tetrahydrofuran
Concen: 287.345 ug/l
RT: 5.007 min Scan# 64
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 42 Resp: 192607

Ion	Ratio	Lower	Upper
42	100		
72	42.6	34.1	51.1
71	39.2	31.4	47.0

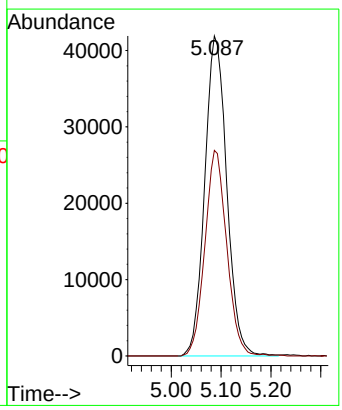


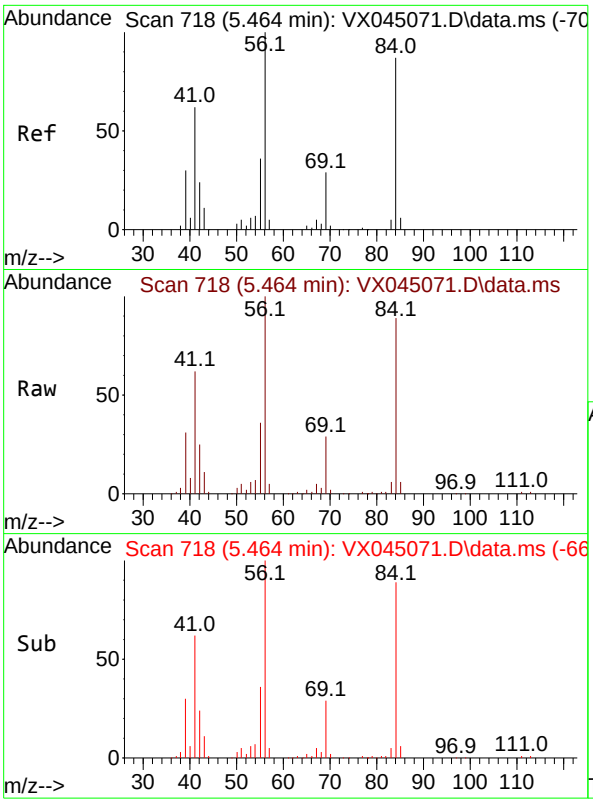


#30
Chloroform
Concen: 51.532 ug/l
RT: 5.087 min Scan# 656
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 83 Resp: 128581

Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.4	77.2



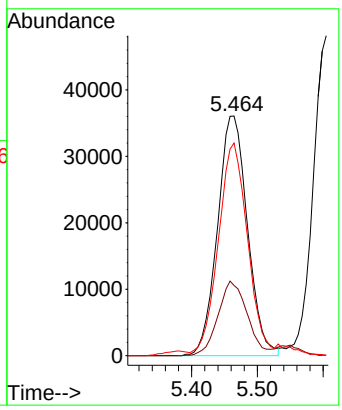


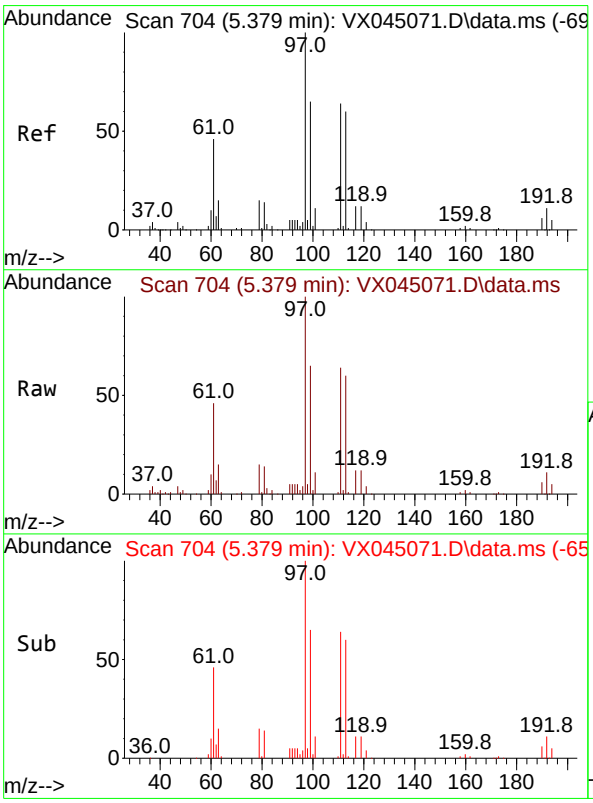
#31
Cyclohexane
Concen: 48.836 ug/l
RT: 5.464 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 114333

Ion	Ratio	Lower	Upper
56	100		
69	29.3	23.4	35.2
84	86.8	69.4	104.2

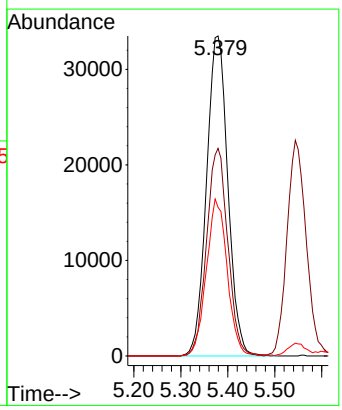


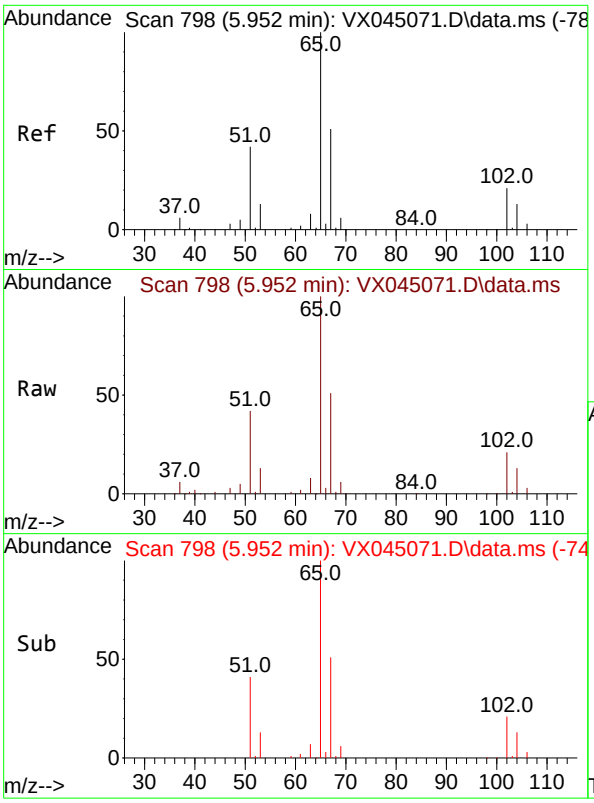


#32
1,1,1-Trichloroethane
Concen: 50.306 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 97 Resp: 105671

Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.6	77.4
61	48.0	38.4	57.6



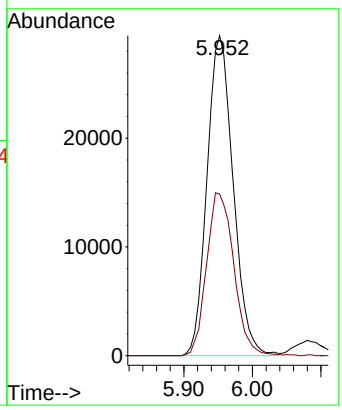


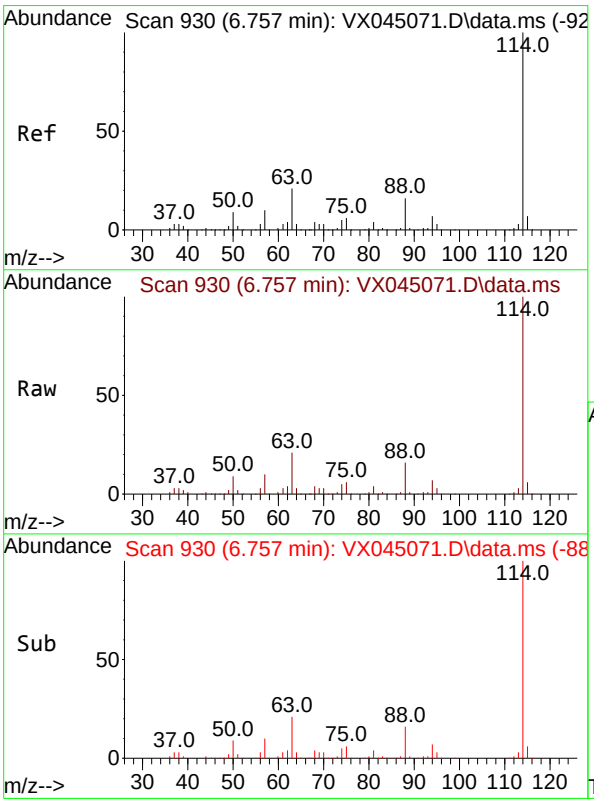
#33
1,2-Dichloroethane-d4
Concen: 51.250 ug/l
RT: 5.952 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 65 Resp: 78159

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	106.2

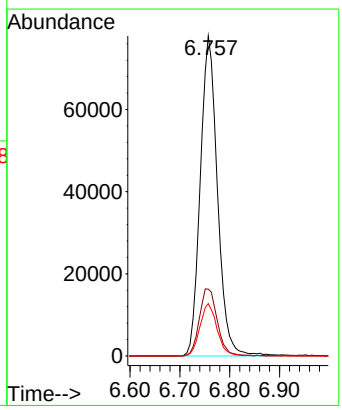


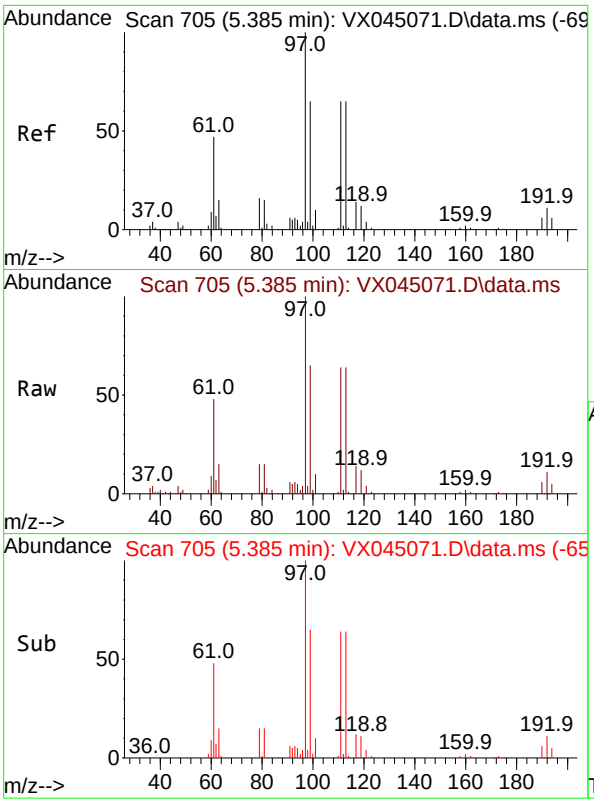


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion:114 Resp: 186358

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	41.8
88	16.4	0.0	32.8



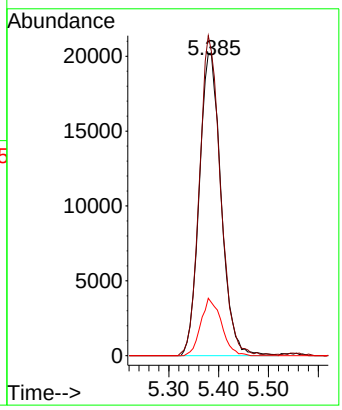


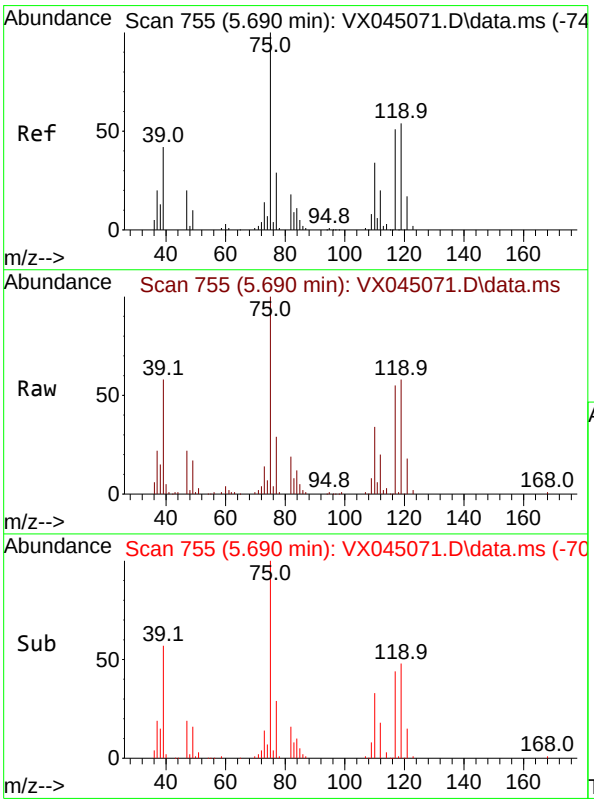
#35
Dibromofluoromethane
Concen: 50.346 ug/l
RT: 5.385 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:113 Resp: 61323

Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.8	122.6
192	17.9	14.3	21.5

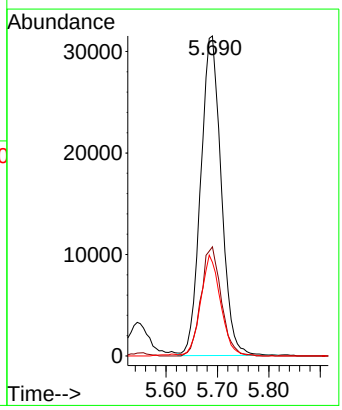


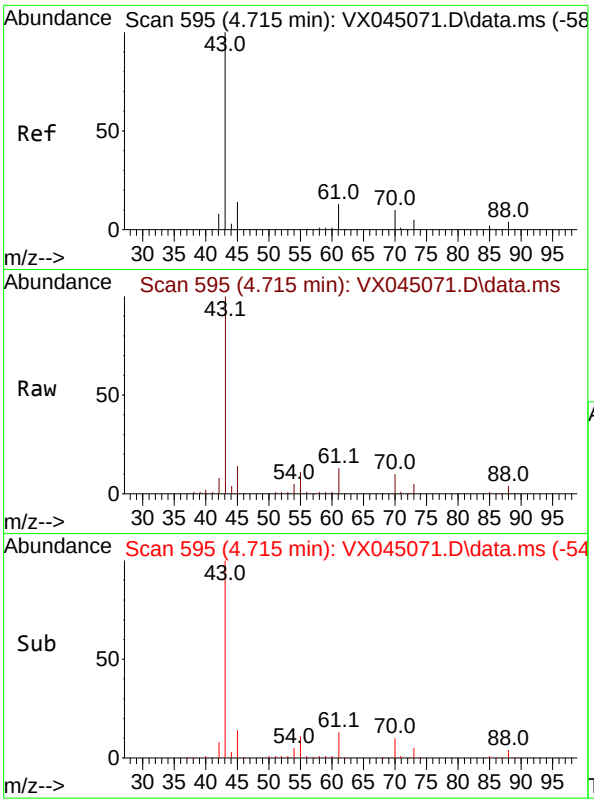


#36
1,1-Dichloropropene
Concen: 49.861 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 75 Resp: 87338

Ion	Ratio	Lower	Upper
75	100		
110	33.7	16.9	50.6
77	30.6	24.5	36.7



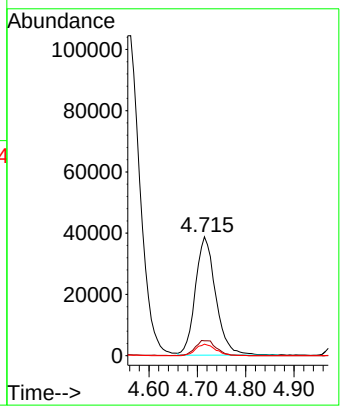


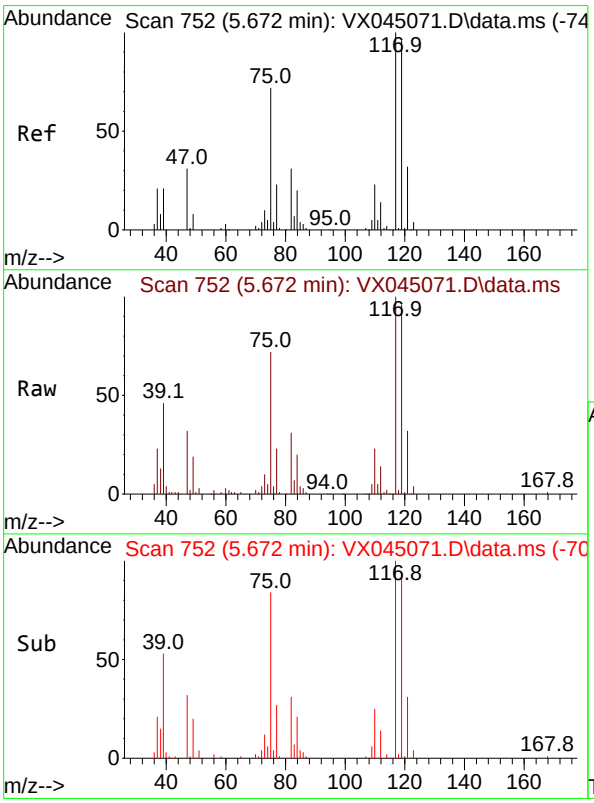
#37
Ethyl Acetate
Concen: 56.641 ug/l
RT: 4.715 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 112892

Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.8	16.2
70	9.6	7.7	11.5

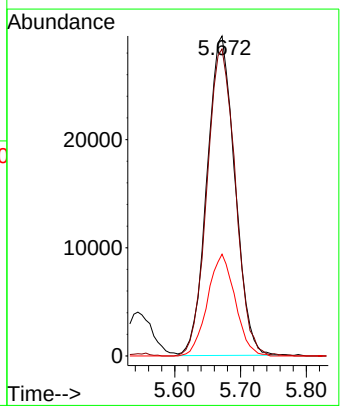


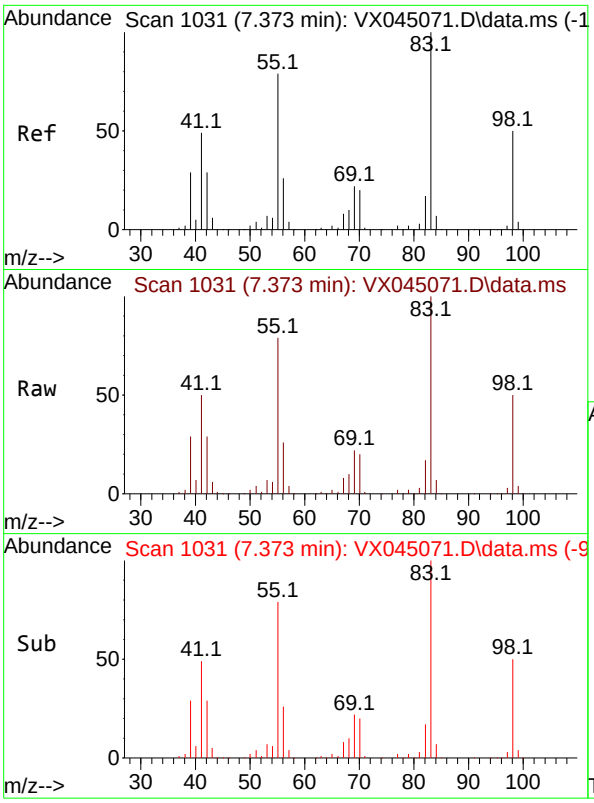


#38
Carbon Tetrachloride
Concen: 50.593 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion:117 Resp: 87123

Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.7	115.1
121	31.9	25.5	38.3



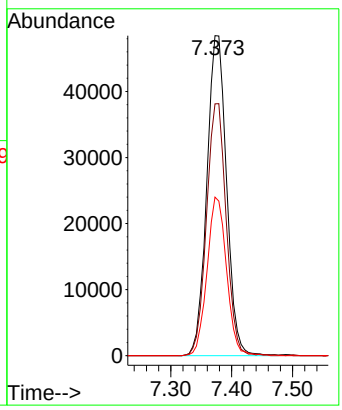


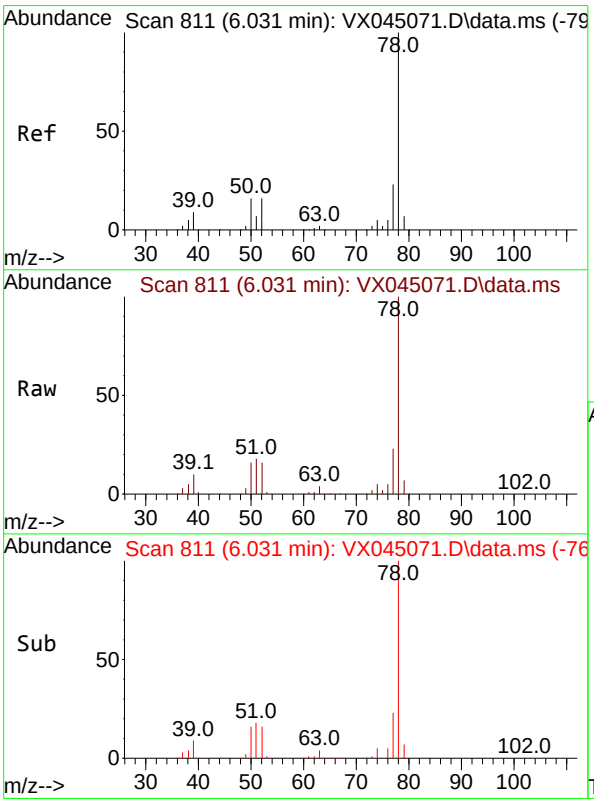
#39
Methylcyclohexane
Concen: 48.715 ug/l
RT: 7.373 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 108974

Ion	Ratio	Lower	Upper
83	100		
55	78.7	63.0	94.4
98	49.6	39.7	59.5

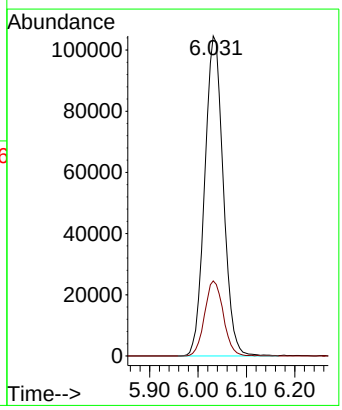


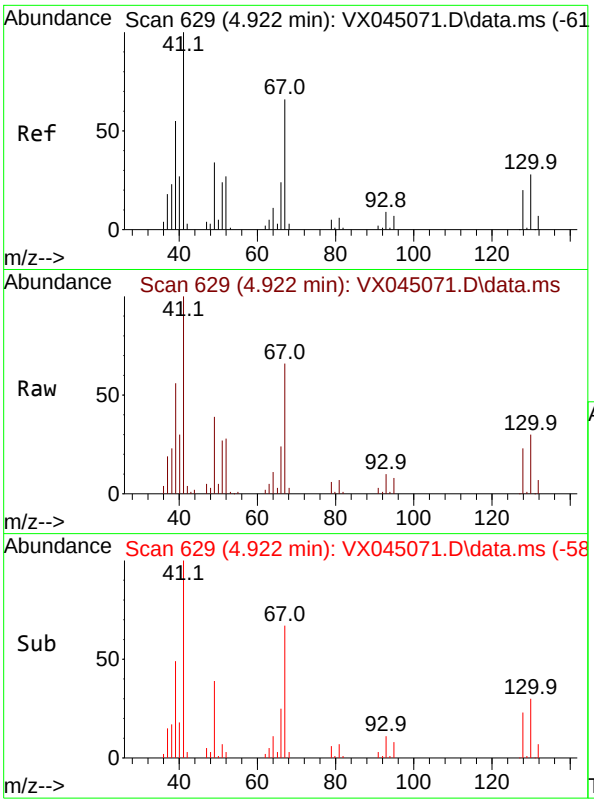


#40
Benzene
Concen: 50.925 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 78 Resp: 278802

Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2



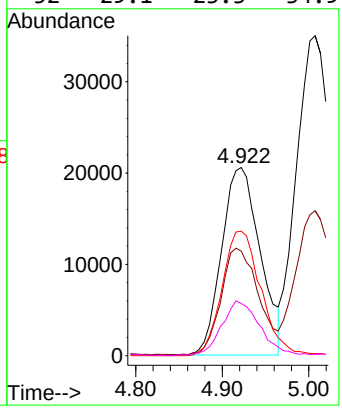


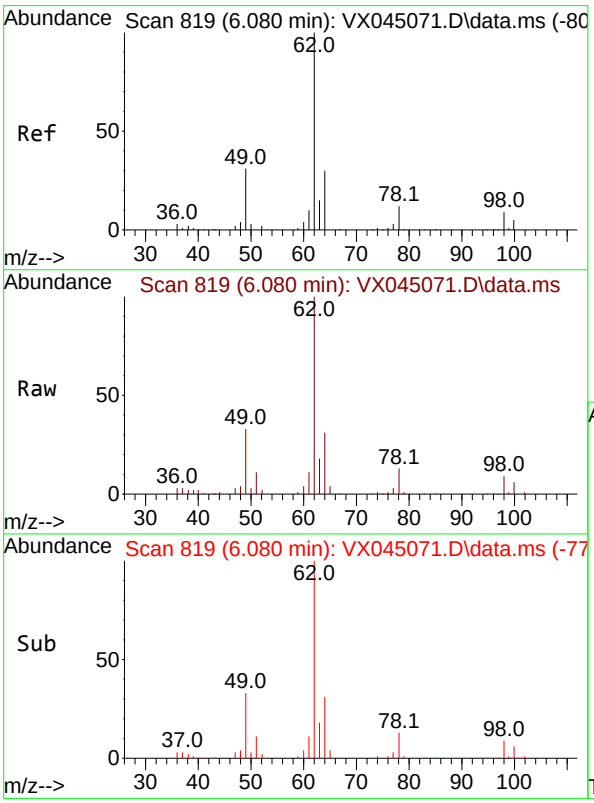
#41
Methacrylonitrile
Concen: 59.598 ug/l
RT: 4.922 min Scan# 6
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 63454

Ion	Ratio	Lower	Upper
41	100		
39	55.8	44.6	67.0
67	67.4	53.9	80.9
52	29.1	23.3	34.9

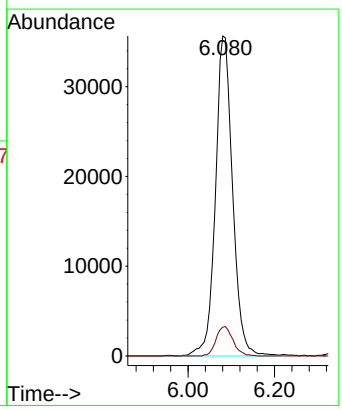


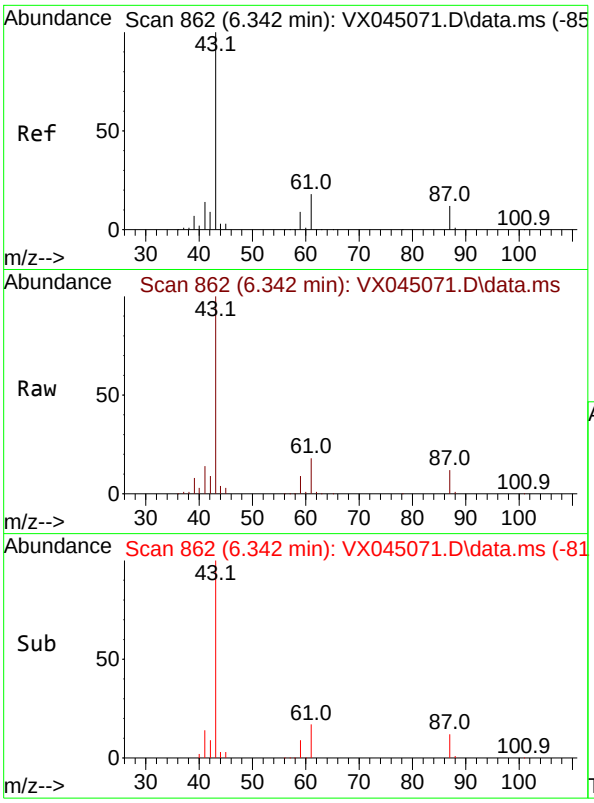


#42
1,2-Dichloroethane
Concen: 55.428 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 62 Resp: 98340

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.2



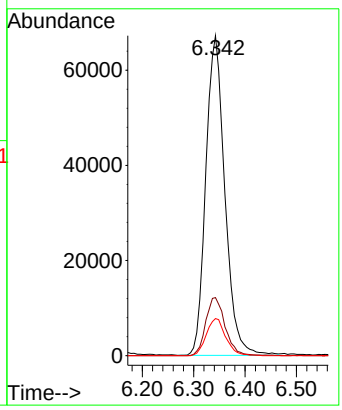


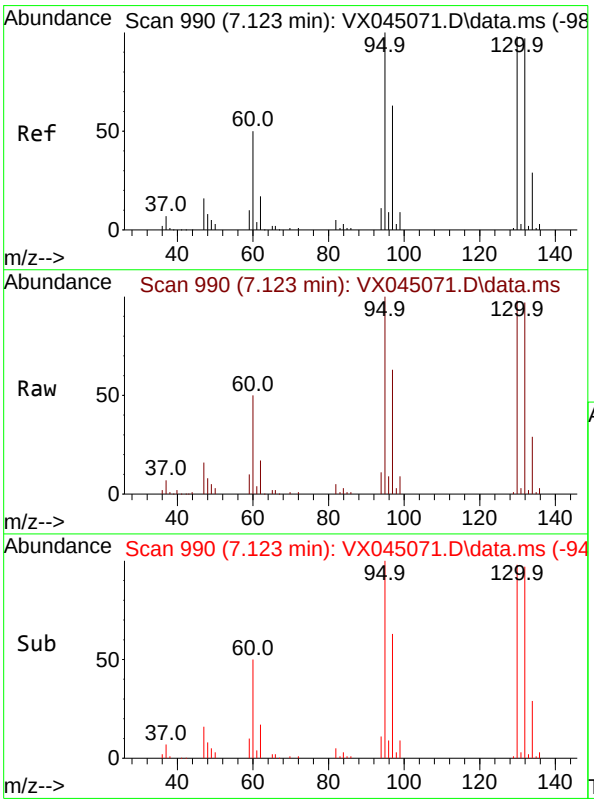
#43
Isopropyl Acetate
Concen: 54.544 ug/l
RT: 6.342 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 173045

Ion	Ratio	Lower	Upper
43	100		
61	18.6	14.9	22.3
87	11.8	9.4	14.2

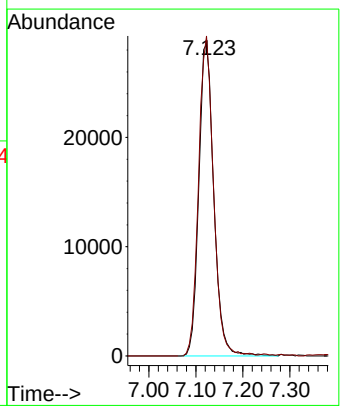


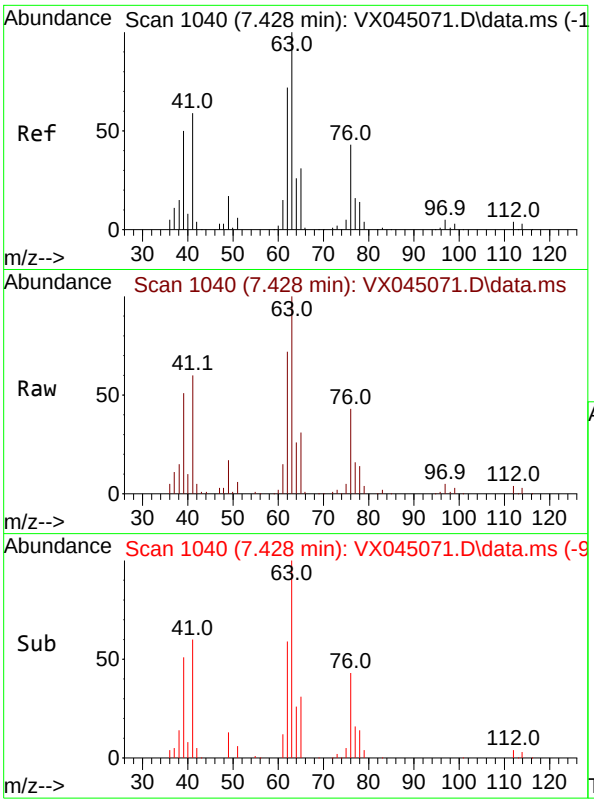


#44
Trichloroethene
Concen: 50.756 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion:130 Resp: 63513

Ion	Ratio	Lower	Upper
130	100		
95	102.5	0.0	205.0



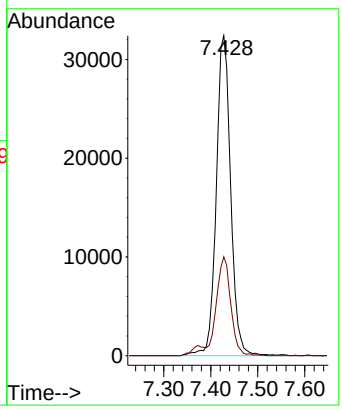


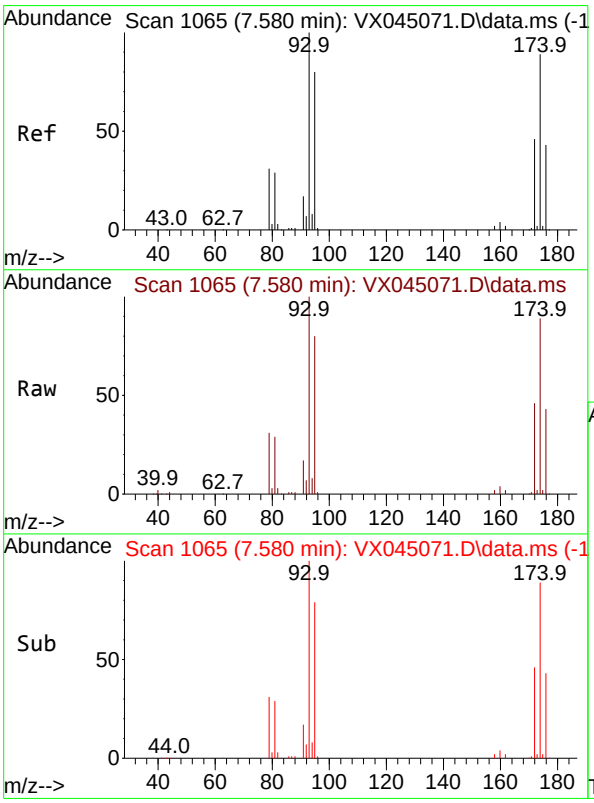
#45
1,2-Dichloropropane
Concen: 50.808 ug/l
RT: 7.428 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 63 Resp: 69128

Ion	Ratio	Lower	Upper
63	100		
65	30.9	24.7	37.1

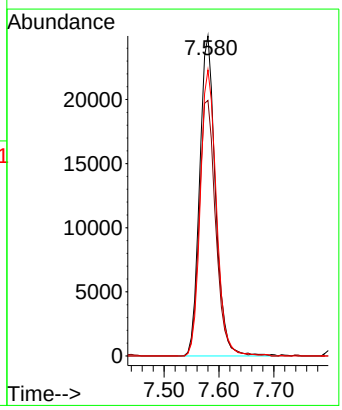


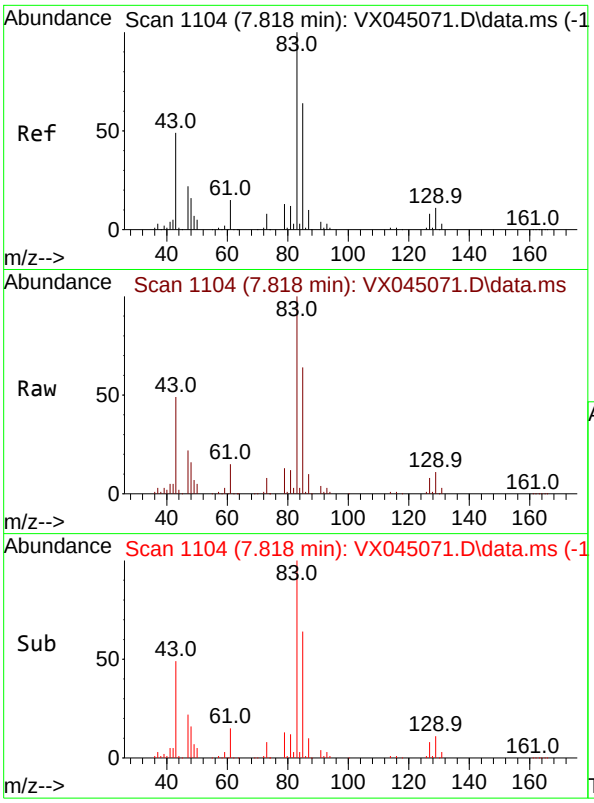


#46
Dibromomethane
Concen: 52.757 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 93 Resp: 50143

Ion	Ratio	Lower	Upper
93	100		
95	82.3	65.8	98.8
174	90.2	72.2	108.2



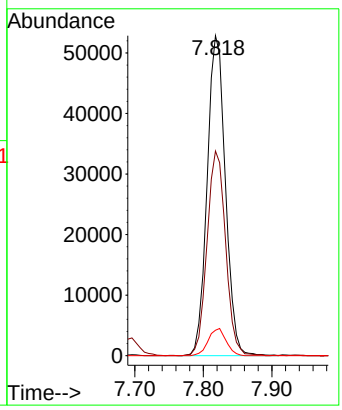


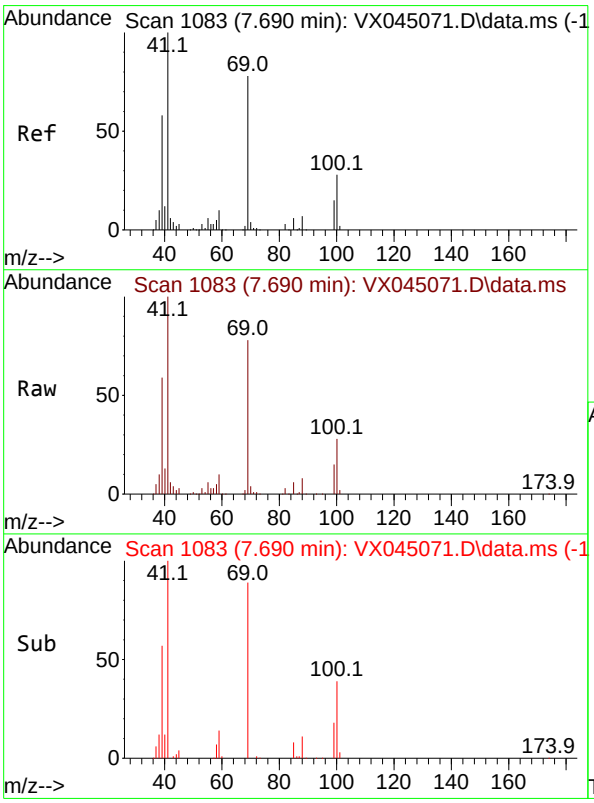
#47
Bromodichloromethane
Concen: 53.153 ug/l
RT: 7.818 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 97729

Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.1	76.7
127	8.0	6.4	9.6

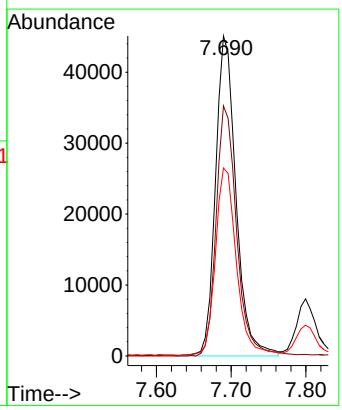


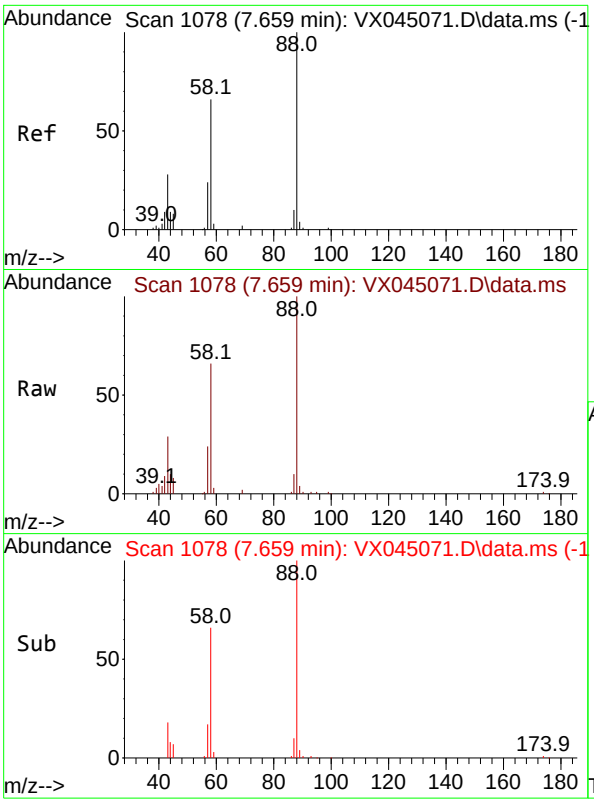


#48
Methyl methacrylate
Concen: 57.256 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 41 Resp: 86231

Ion	Ratio	Lower	Upper
41	100		
69	78.8	63.0	94.6
39	59.4	47.5	71.3



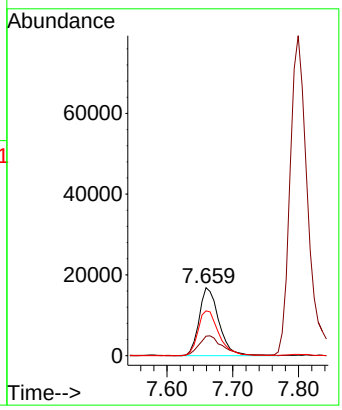


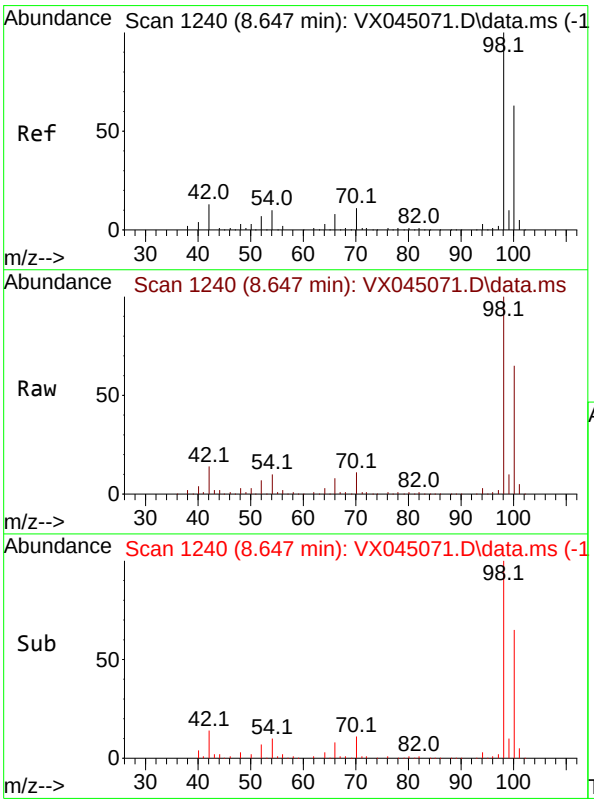
#49
1,4-Dioxane
Concen: 1095.003 ug/l
RT: 7.659 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 88 Resp: 35053

Ion	Ratio	Lower	Upper
88	100		
43	35.9	28.7	43.1
58	69.8	55.8	83.8

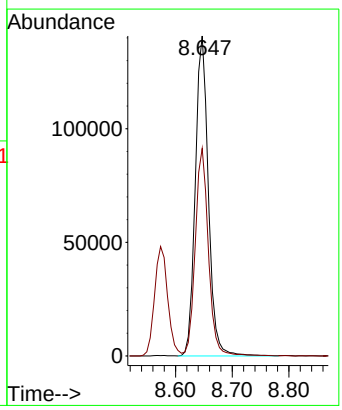


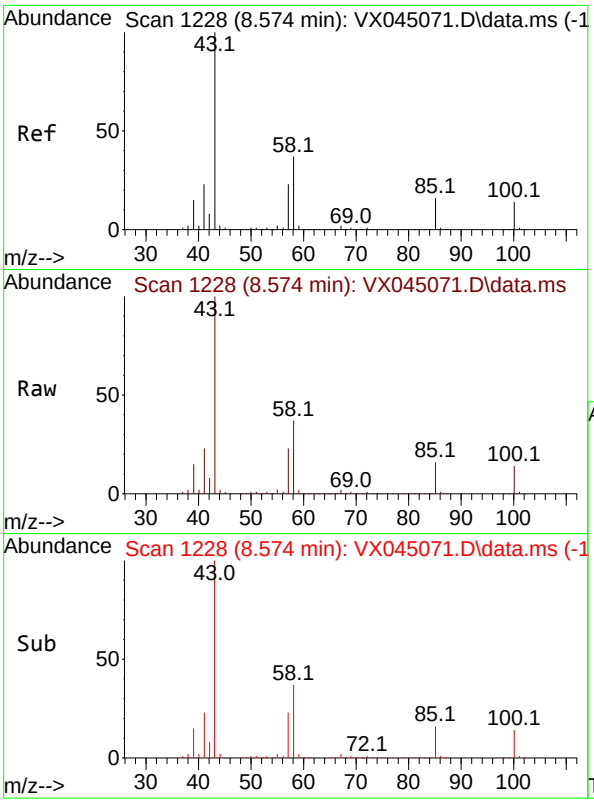


#50
Toluene-d8
Concen: 49.449 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 98 Resp: 225493

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.0	78.0



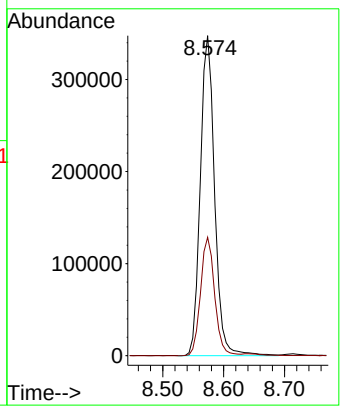


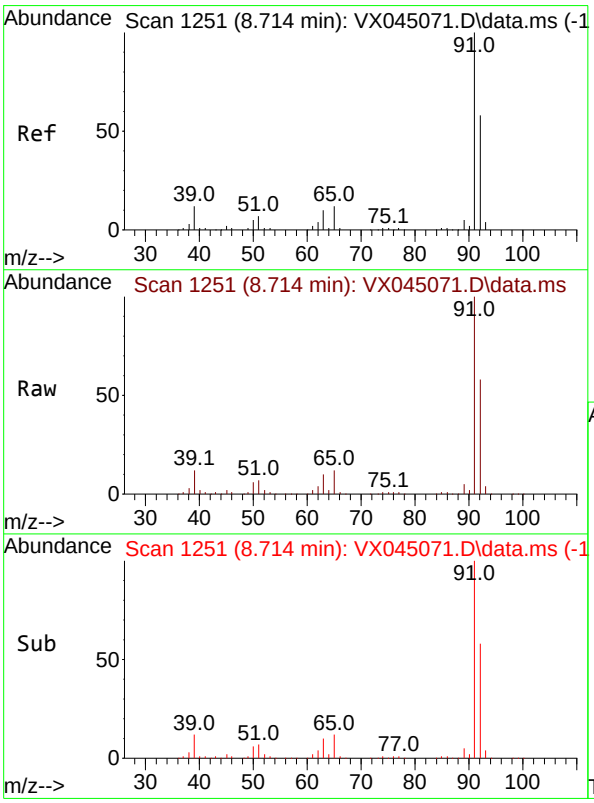
#51
4-Methyl-2-Pentanone
Concen: 292.570 ug/l
RT: 8.574 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 568737

Ion	Ratio	Lower	Upper
43	100		
58	36.5	29.2	43.8

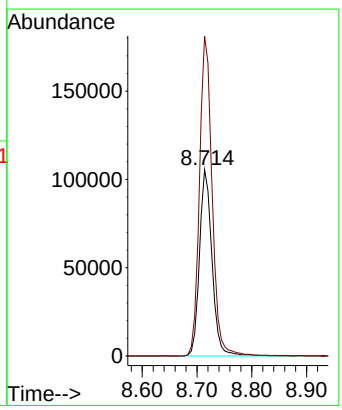


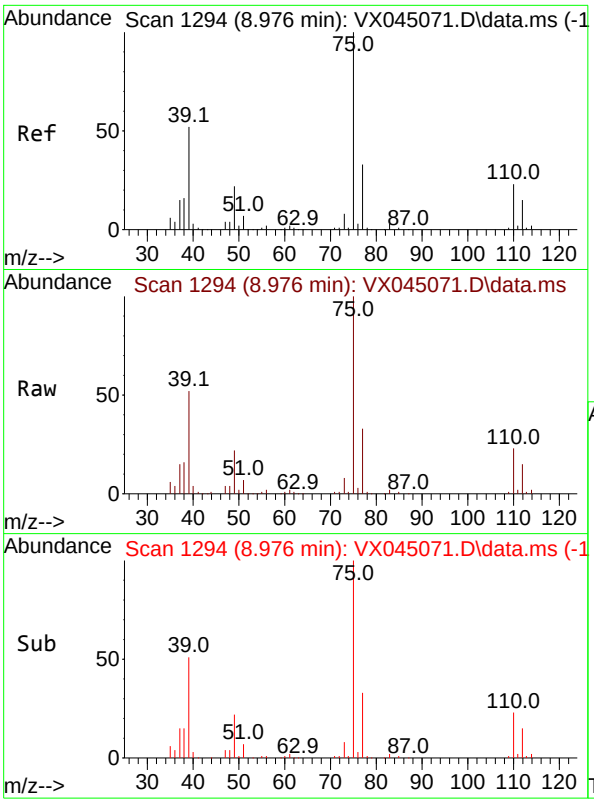


#52
Toluene
Concen: 51.505 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 92 Resp: 167431

Ion	Ratio	Lower	Upper
92	100		
91	173.6	138.9	208.3



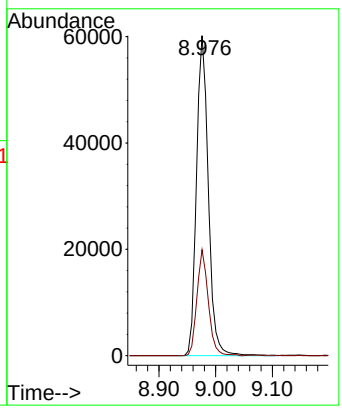


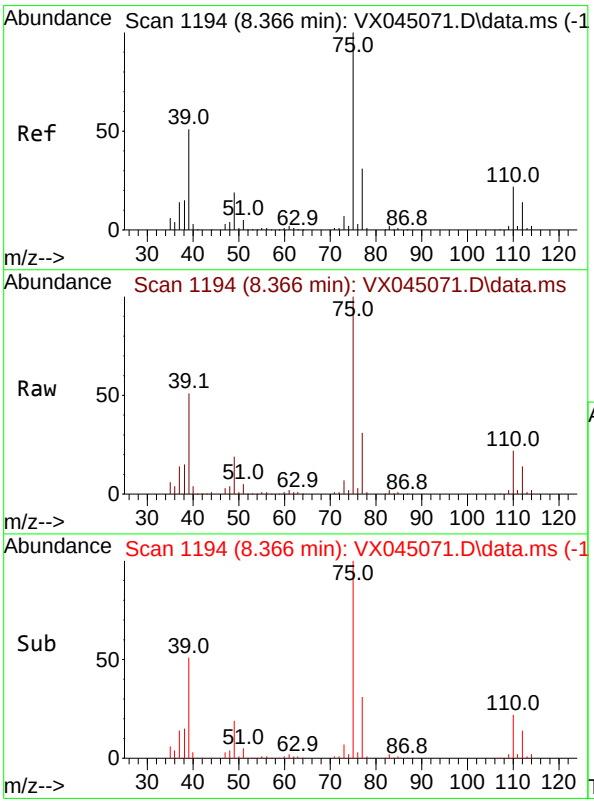
#53
t-1,3-Dichloropropene
Concen: 48.078 ug/l
RT: 8.976 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 87373

Ion	Ratio	Lower	Upper
75	100		
77	33.1	26.5	39.7

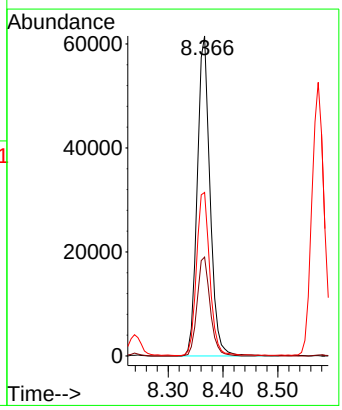


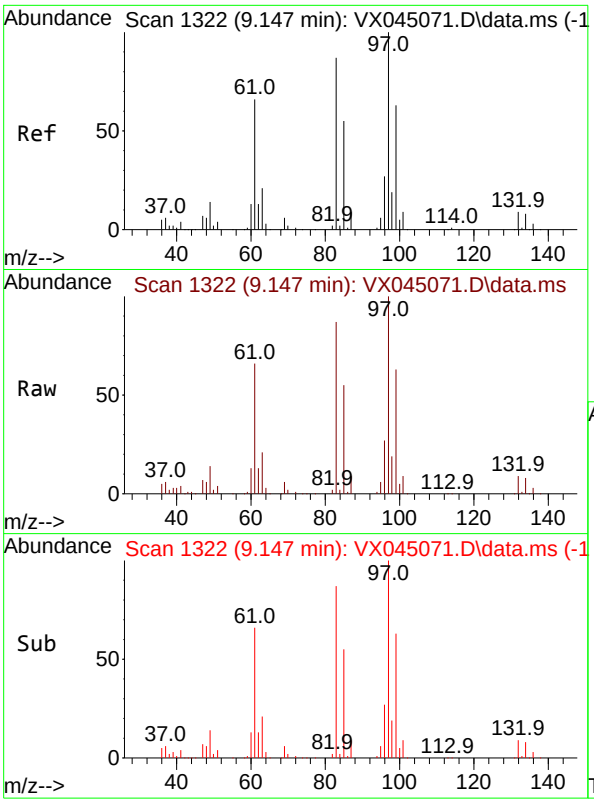


#54
cis-1,3-Dichloropropene
Concen: 49.079 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 75 Resp: 99713

Ion	Ratio	Lower	Upper
75	100		
77	30.9	24.7	37.1
39	50.9	40.7	61.1



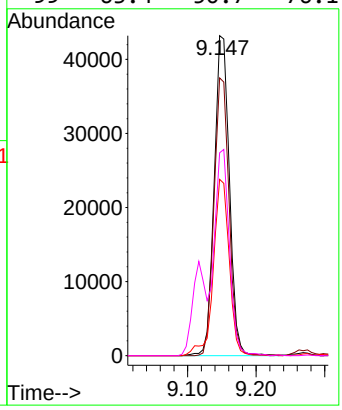


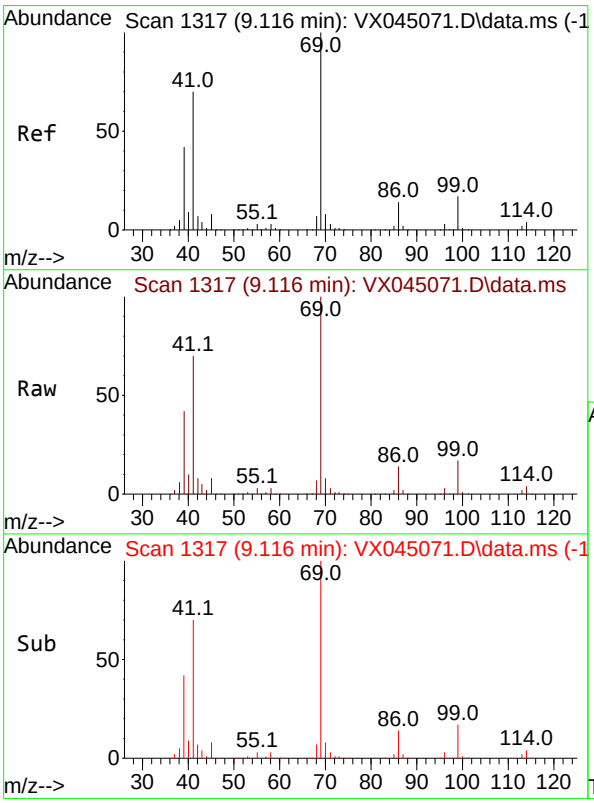
#55
1,1,2-Trichloroethane
Concen: 52.724 ug/l
RT: 9.147 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 97 Resp: 66379

Ion	Ratio	Lower	Upper
97	100		
83	86.8	69.4	104.2
85	55.1	44.1	66.1
99	63.4	50.7	76.1

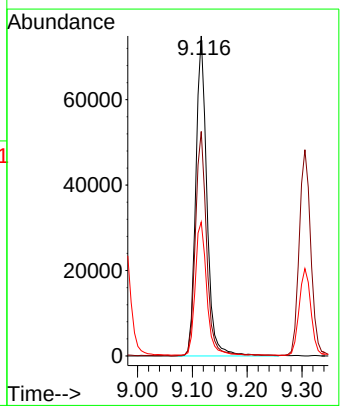


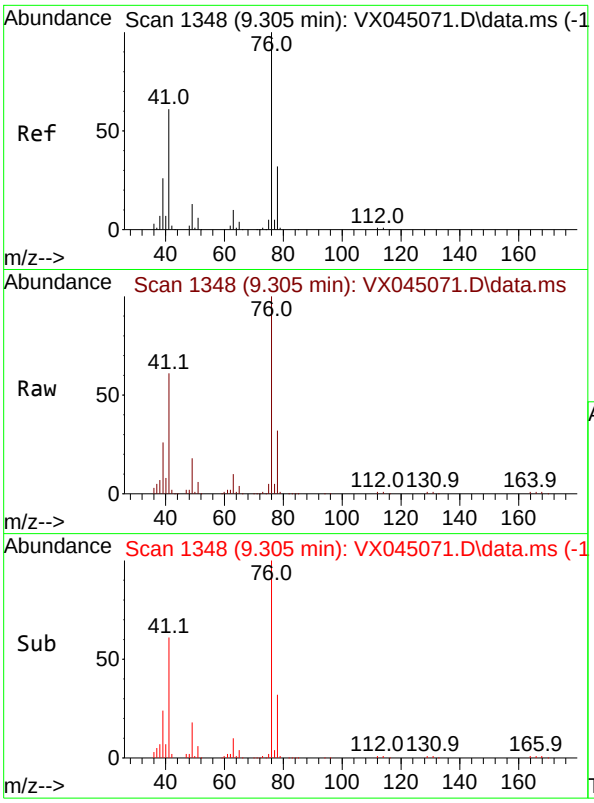


#56
Ethyl methacrylate
Concen: 52.724 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 69 Resp: 106157

Ion	Ratio	Lower	Upper
69	100		
41	71.2	57.0	85.4
39	42.8	34.2	51.4



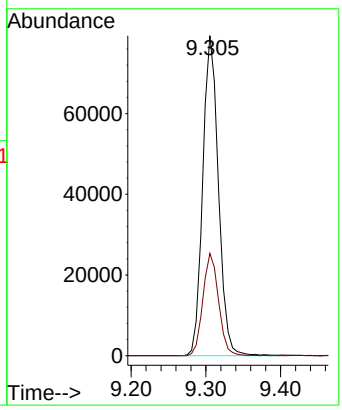


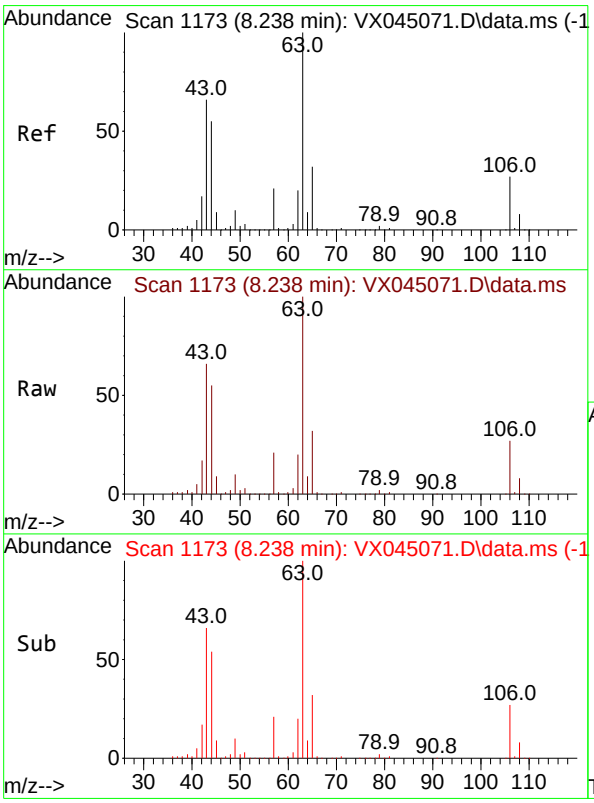
#57
1,3-Dichloropropane
Concen: 52.594 ug/l
RT: 9.305 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 115488

Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.5	38.3

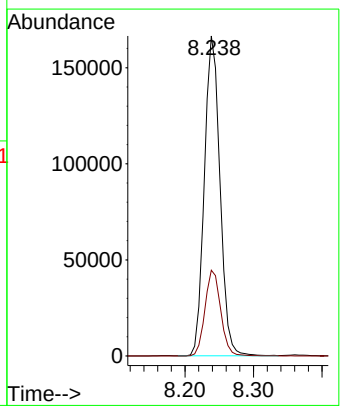


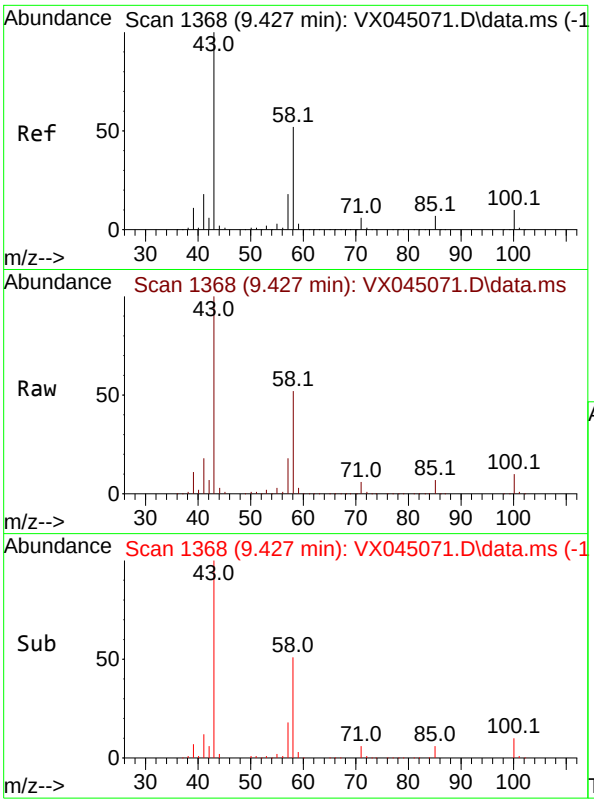


#58
2-Chloroethyl Vinyl ether
Concen: 267.612 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 63 Resp: 264555

Ion	Ratio	Lower	Upper
63	100		
106	26.9	21.5	32.3



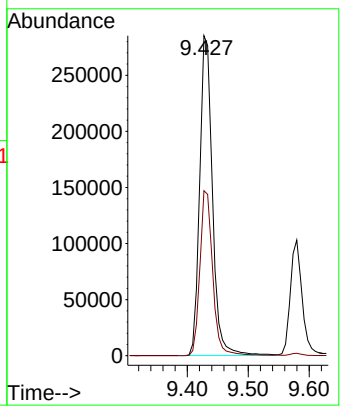


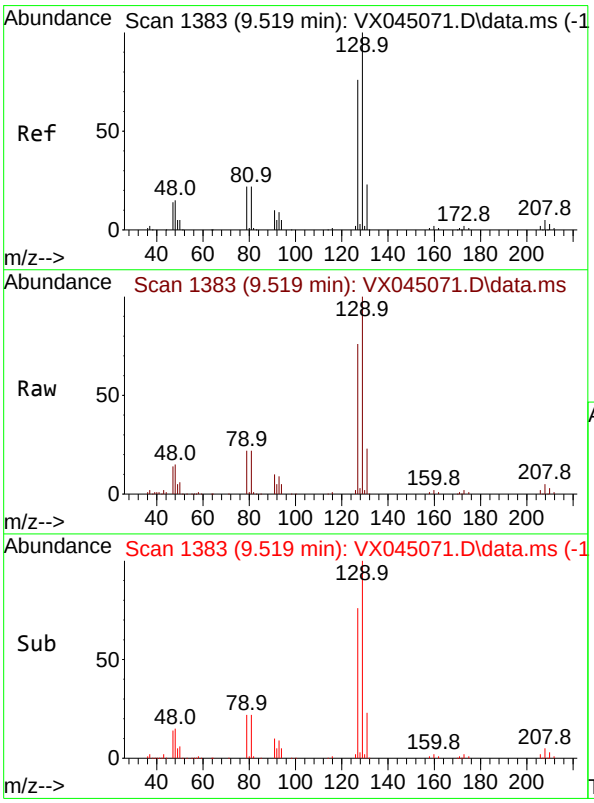
#59
2-Hexanone
Concen: 297.362 ug/l
RT: 9.427 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 416984

Ion	Ratio	Lower	Upper
43	100		
58	51.7	25.9	77.6

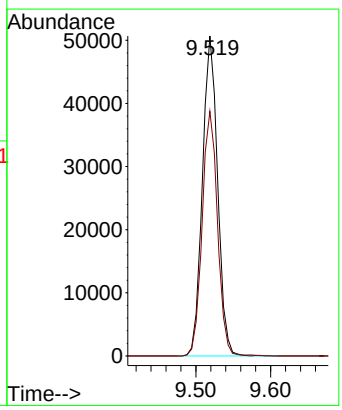


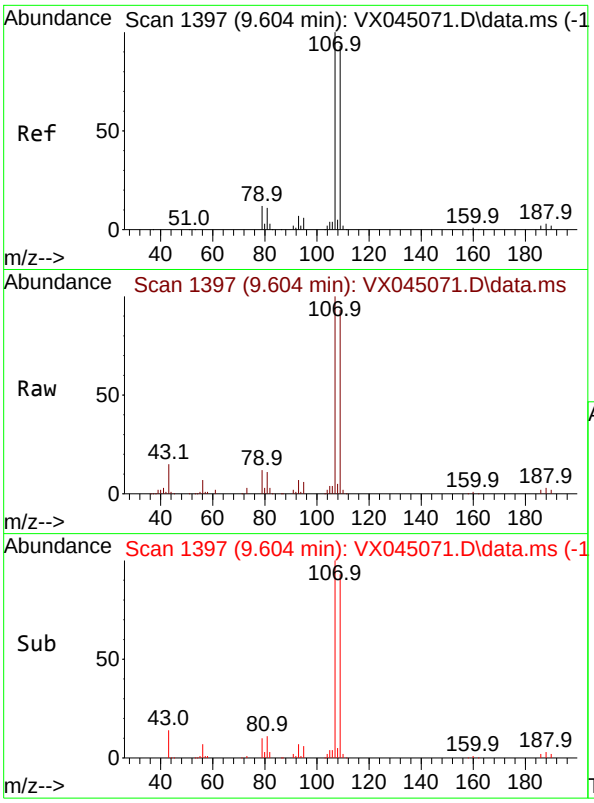


#60
Dibromochloromethane
Concen: 53.284 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion:129 Resp: 71569

Ion	Ratio	Lower	Upper
129	100		
127	77.0	38.5	115.5



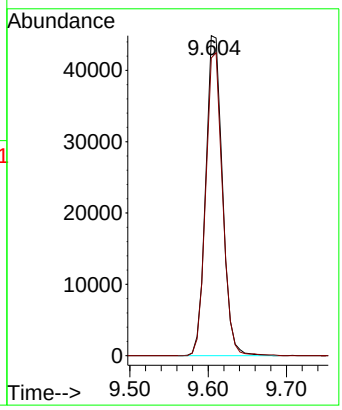


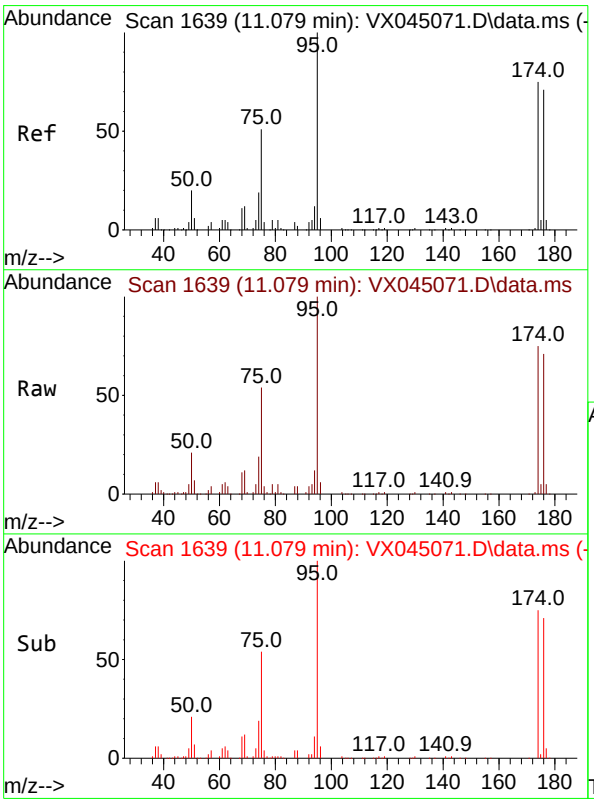
#61
1,2-Dibromoethane
Concen: 52.217 ug/l
RT: 9.604 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:107 Resp: 66312

Ion	Ratio	Lower	Upper
107	100		
109	95.1	76.1	114.1

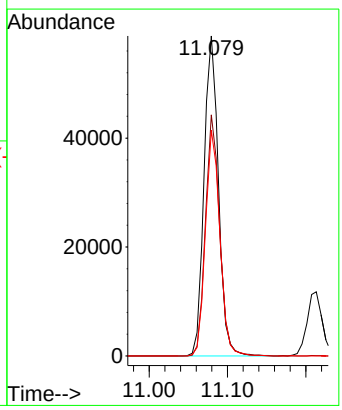


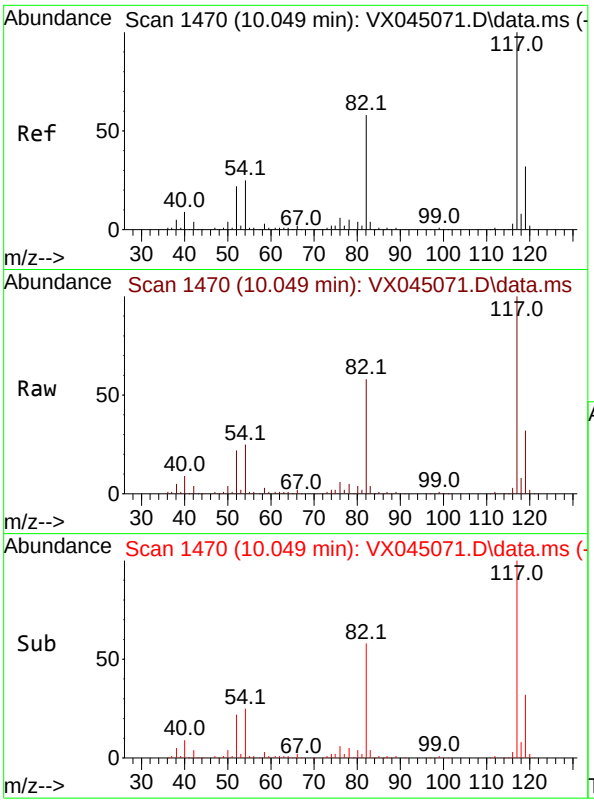


#62
4-Bromofluorobenzene
Concen: 49.212 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 95 Resp: 74945

Ion	Ratio	Lower	Upper
95	100		
174	74.1	0.0	148.2
176	70.7	0.0	141.4



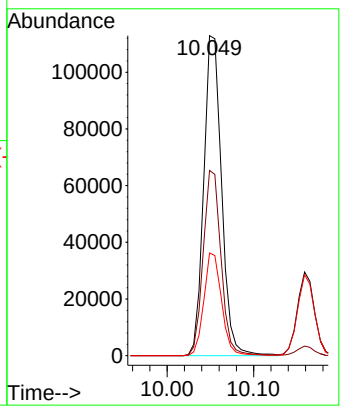


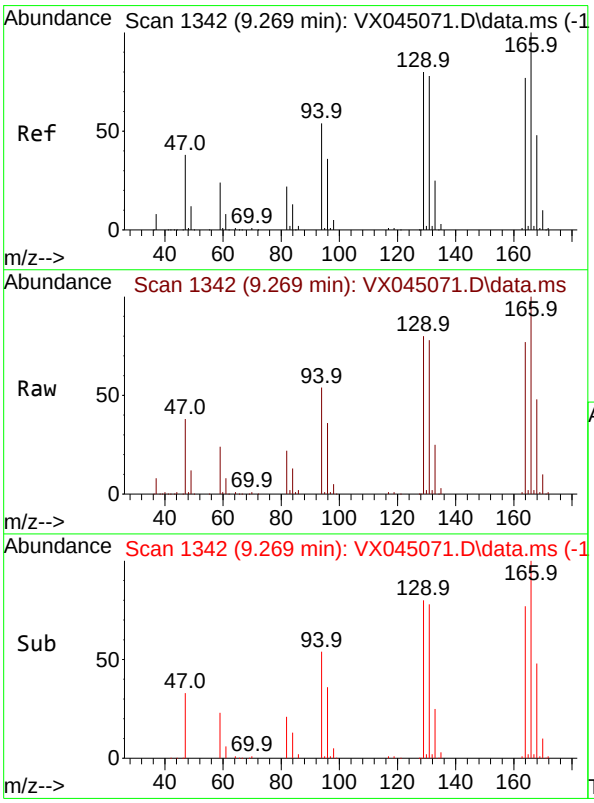
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 162079

Ion	Ratio	Lower	Upper
117	100		
82	57.9	46.3	69.5
119	32.1	25.7	38.5

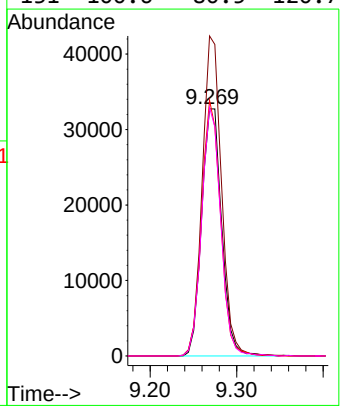


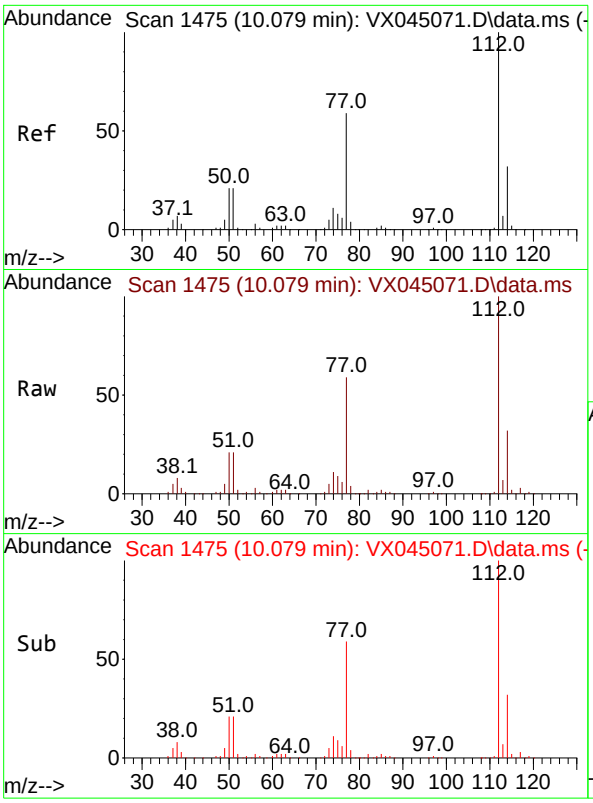


#64
Tetrachloroethene
Concen: 51.021 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion:164 Resp: 52531

Ion	Ratio	Lower	Upper
164	100		
166	129.5	103.6	155.4
129	103.4	82.7	124.1
131	100.6	80.5	120.7



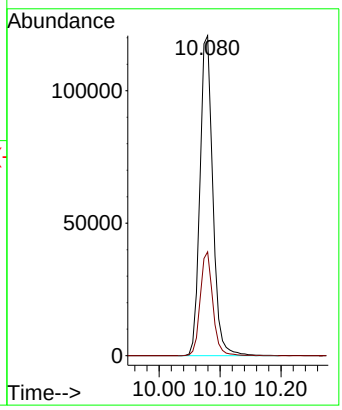


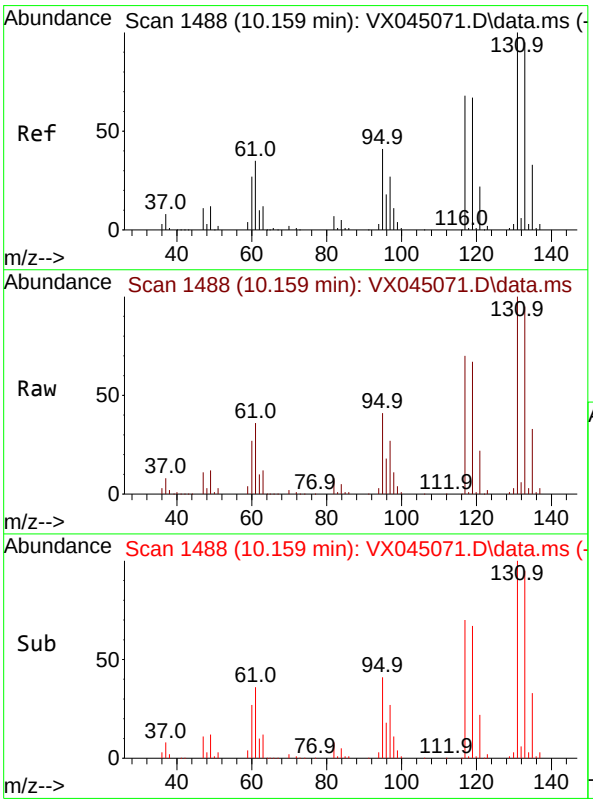
#65
Chlorobenzene
Concen: 50.853 ug/l
RT: 10.079 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 176922

Ion	Ratio	Lower	Upper
112	100		
114	32.5	26.0	39.0

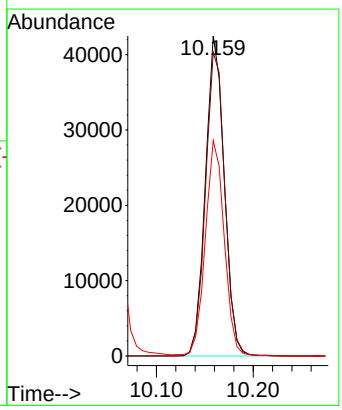


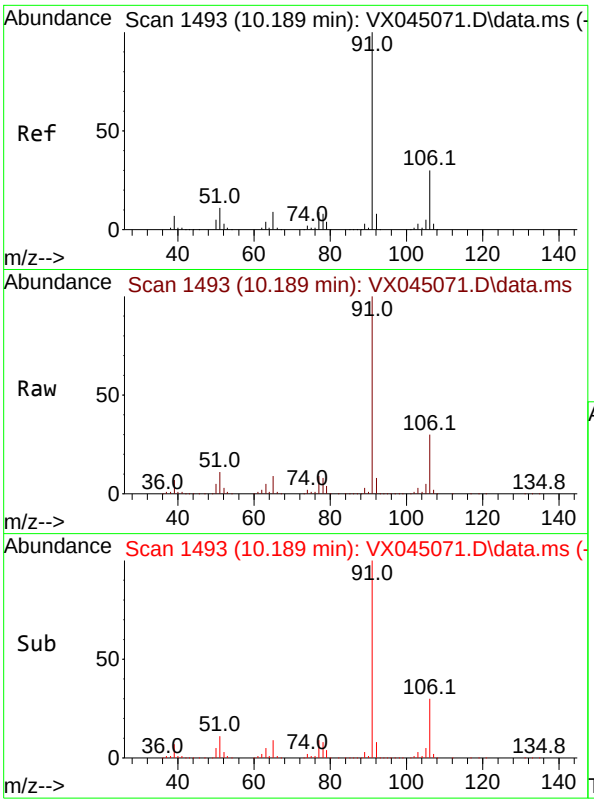


#66
1,1,1,2-Tetrachloroethane
Concen: 51.402 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion:131 Resp: 57642

Ion	Ratio	Lower	Upper
131	100		
133	97.3	48.6	145.9
119	67.8	33.9	101.7



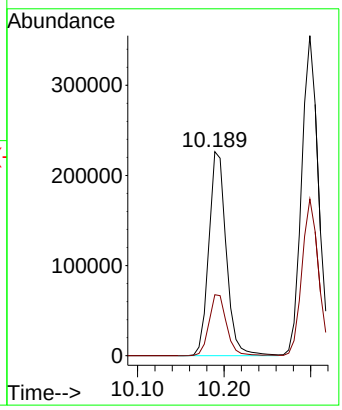


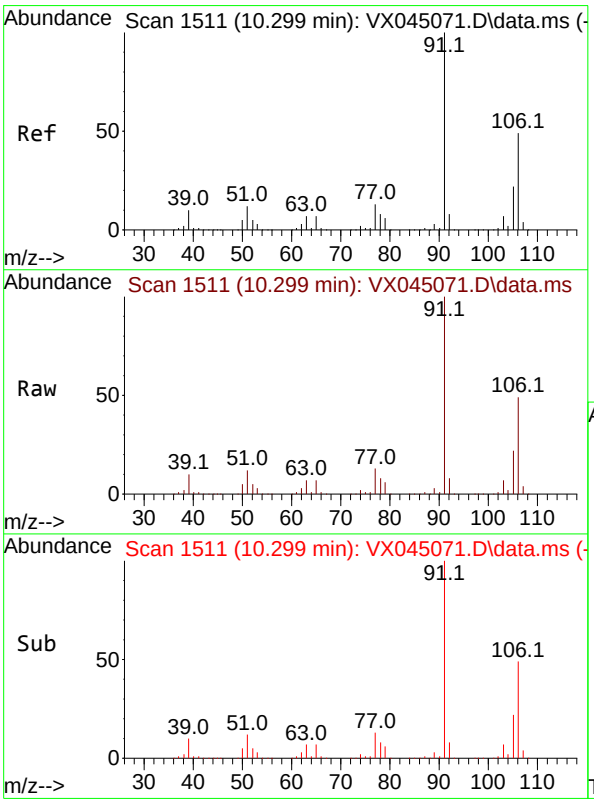
#67
Ethyl Benzene
Concen: 51.431 ug/l
RT: 10.189 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 316427

Ion	Ratio	Lower	Upper
91	100		
106	29.9	23.9	35.9

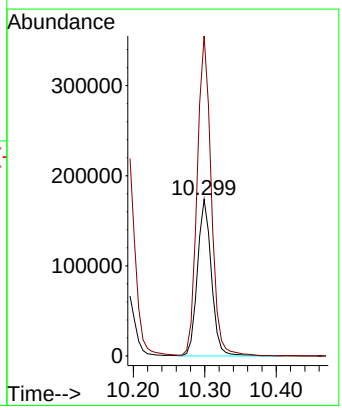


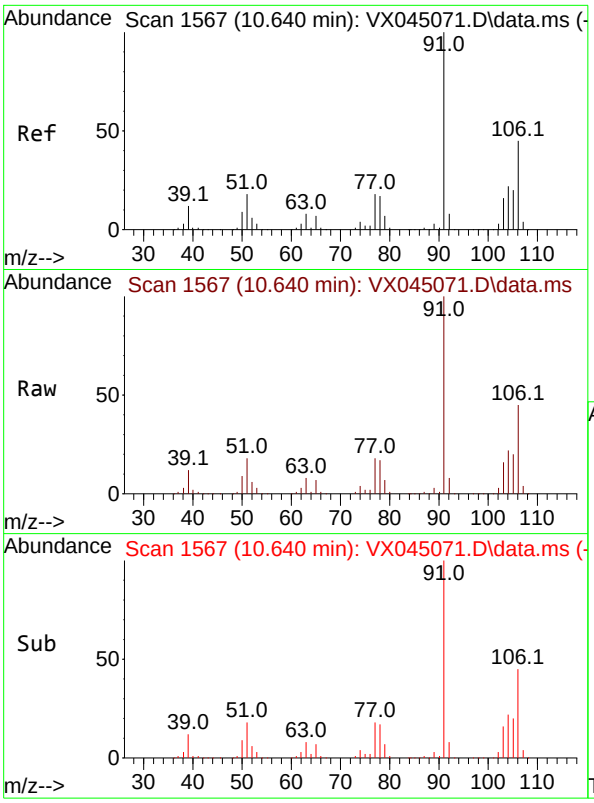


#68
m/p-Xylenes
Concen: 103.515 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion:106 Resp: 234554

Ion	Ratio	Lower	Upper
106	100		
91	206.7	165.4	248.0



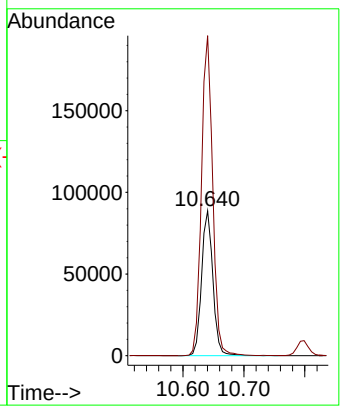


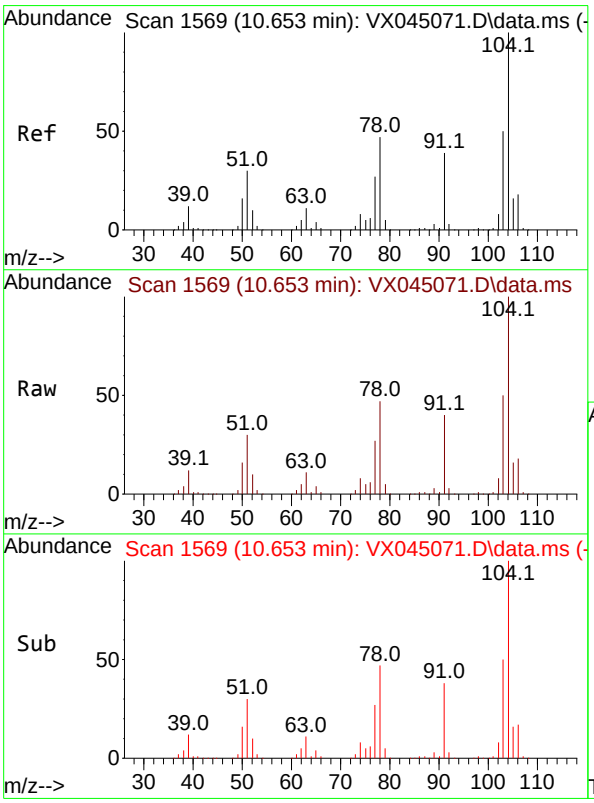
#69
o-Xylene
Concen: 50.341 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 114440

Ion	Ratio	Lower	Upper
106	100		
91	219.7	109.9	329.6

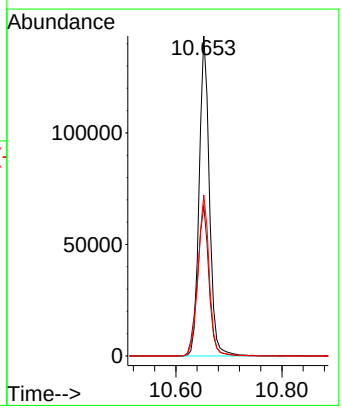


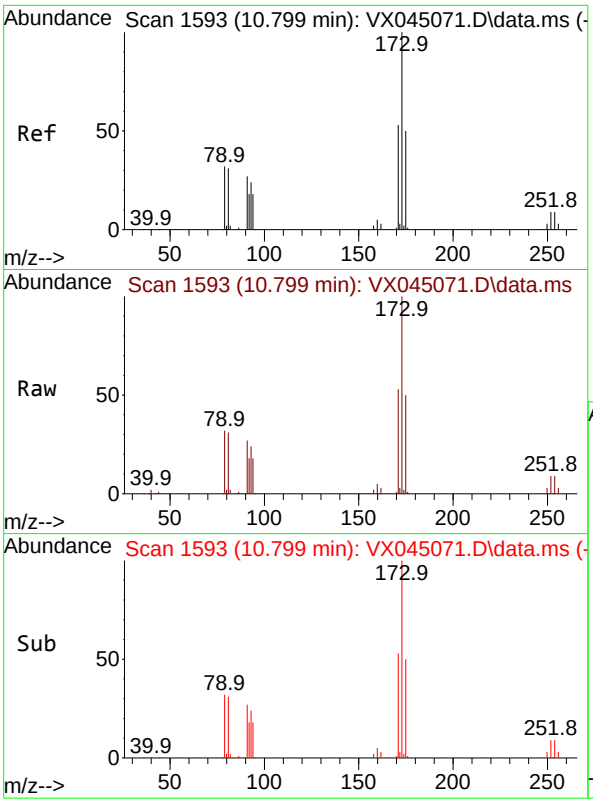


#70
Styrene
Concen: 52.387 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion:104 Resp: 191406

Ion	Ratio	Lower	Upper
104	100		
78	52.8	42.2	63.4
103	54.8	43.8	65.8



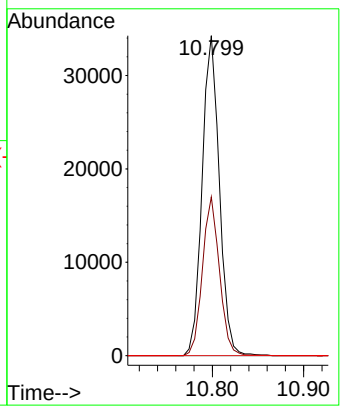


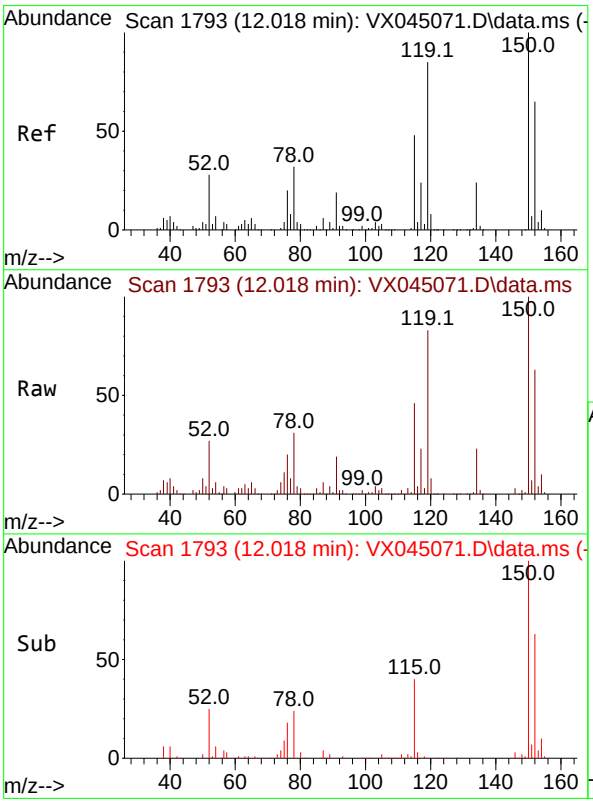
#71
Bromoform
Concen: 53.645 ug/l
RT: 10.799 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:173 Resp: 44730

Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.6	73.6
254	0.0	0.0	0.0

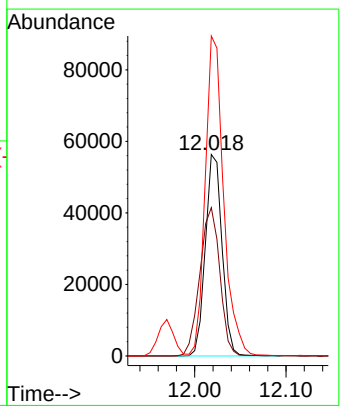


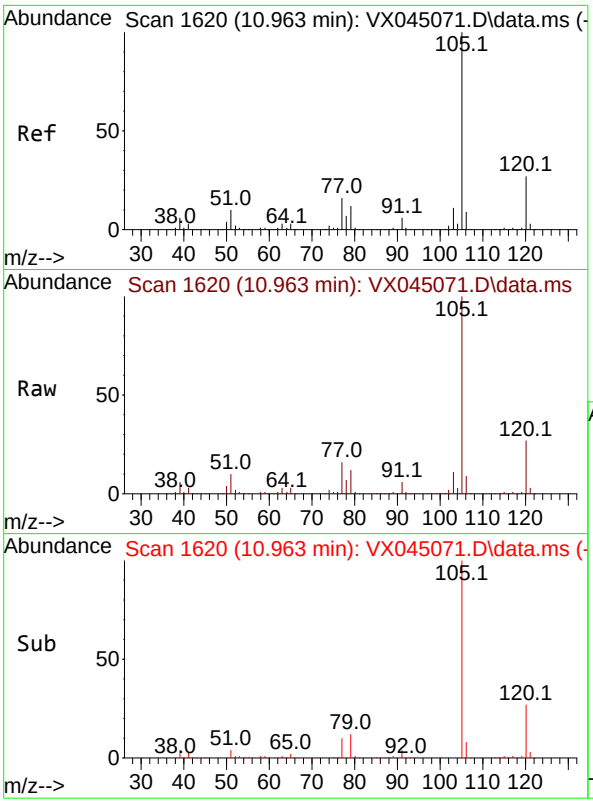


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion:152 Resp: 71264

Ion	Ratio	Lower	Upper
152	100		
115	88.4	44.2	132.6
150	174.5	0.0	349.0



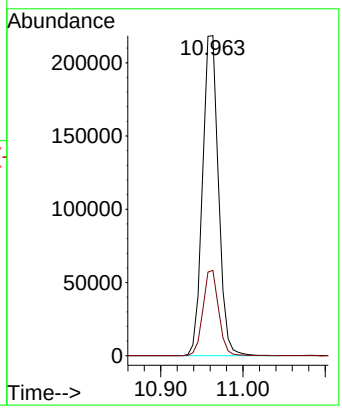


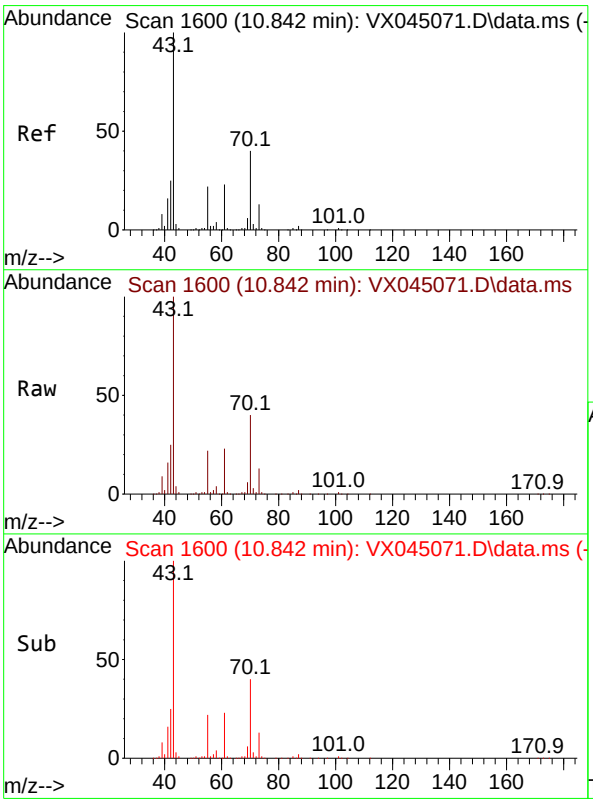
#73
Isopropylbenzene
Concen: 51.167 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 294694

Ion	Ratio	Lower	Upper
105	100		
120	26.3	13.2	39.5

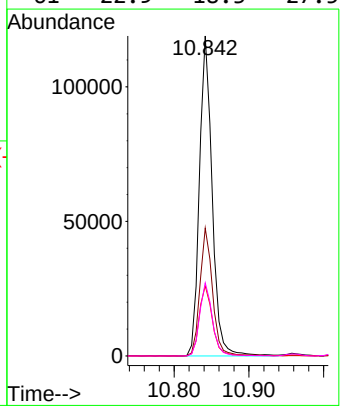


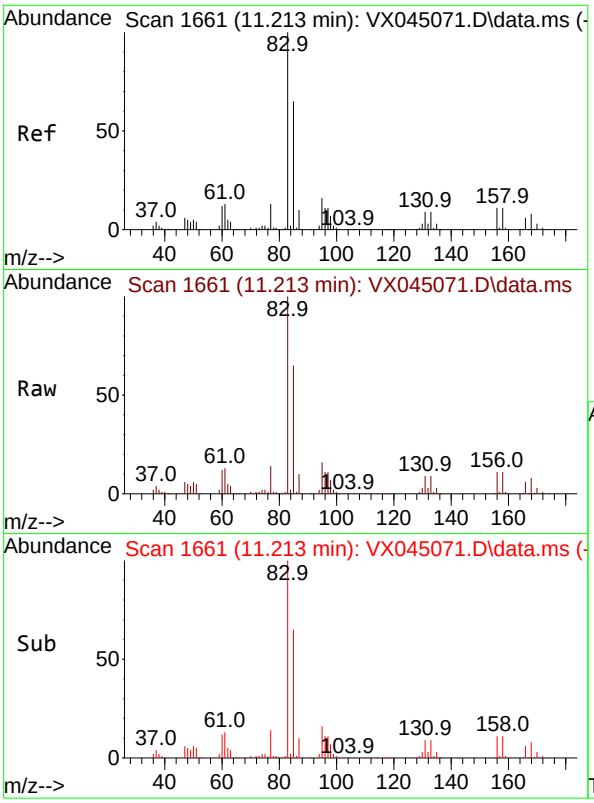


#74
N-amyl acetate
Concen: 53.881 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 43 Resp: 140869

Ion	Ratio	Lower	Upper
43	100		
70	39.7	31.8	47.6
55	22.9	18.3	27.5
61	22.9	18.3	27.5



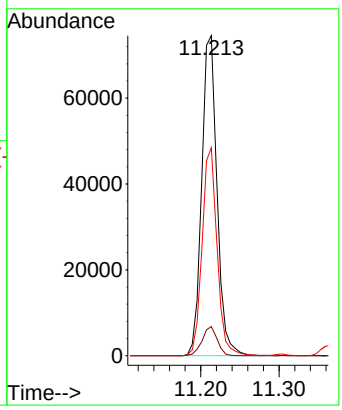


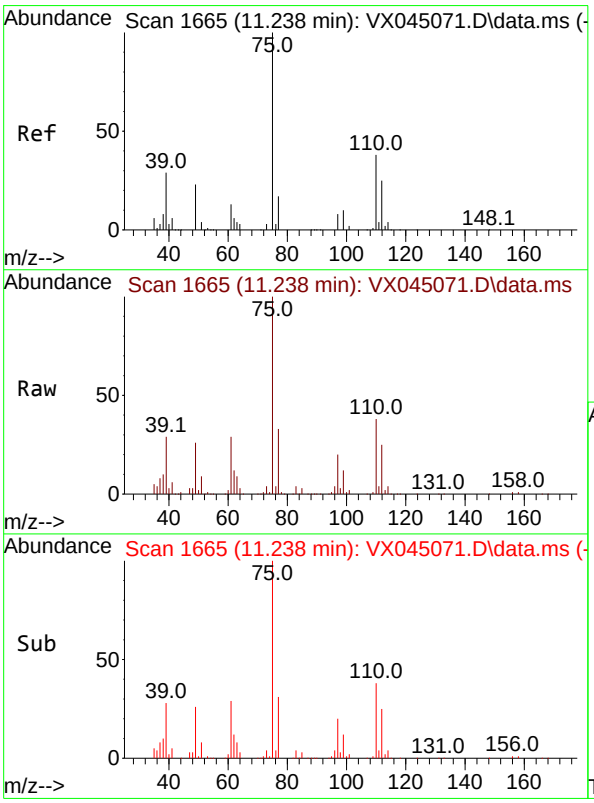
#75
1,1,2,2-Tetrachloroethane
Concen: 50.945 ug/l
RT: 11.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 101089

Ion	Ratio	Lower	Upper
83	100		
131	8.9	4.5	13.4
85	63.4	31.7	95.1

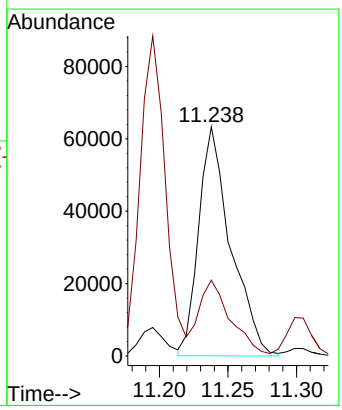


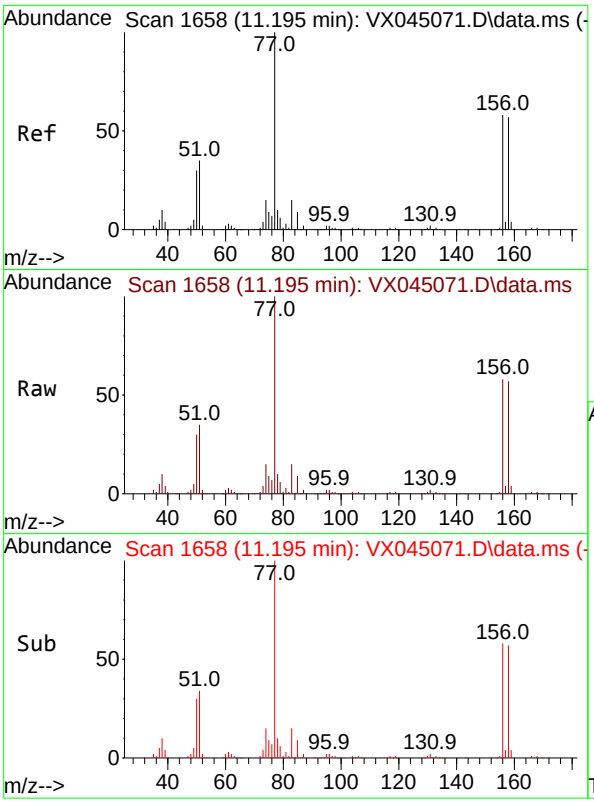


#76
1,2,3-Trichloropropane
Concen: 64.894 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 75 Resp: 103161

Ion	Ratio	Lower	Upper
75	100		
77	32.8	20.7	62.1



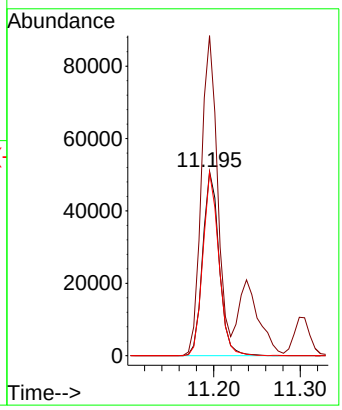


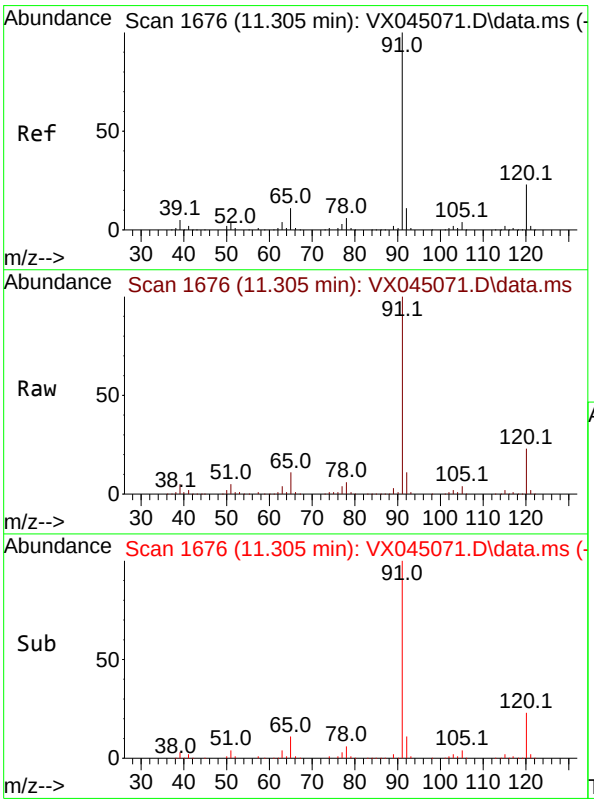
#77
Bromobenzene
Concen: 51.173 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:156 Resp: 66904

Ion	Ratio	Lower	Upper
156	100		
77	171.6	85.8	257.4
158	96.8	48.4	145.2

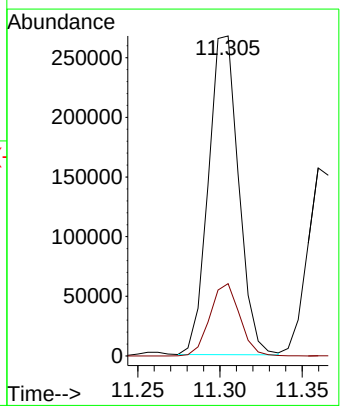


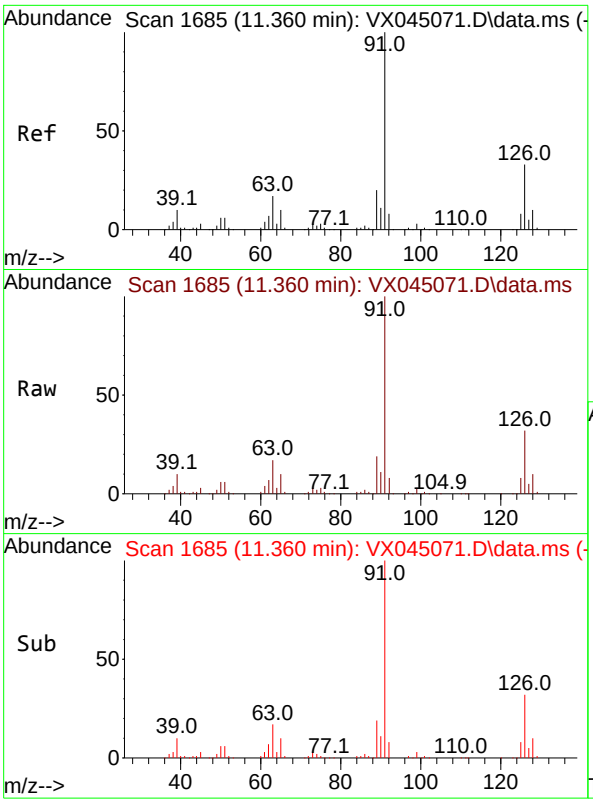


#78
n-propylbenzene
Concen: 51.546 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 91 Resp: 342399

Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.2	33.6



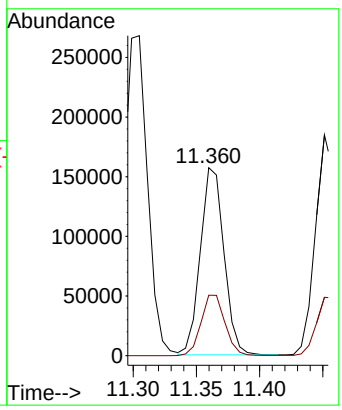


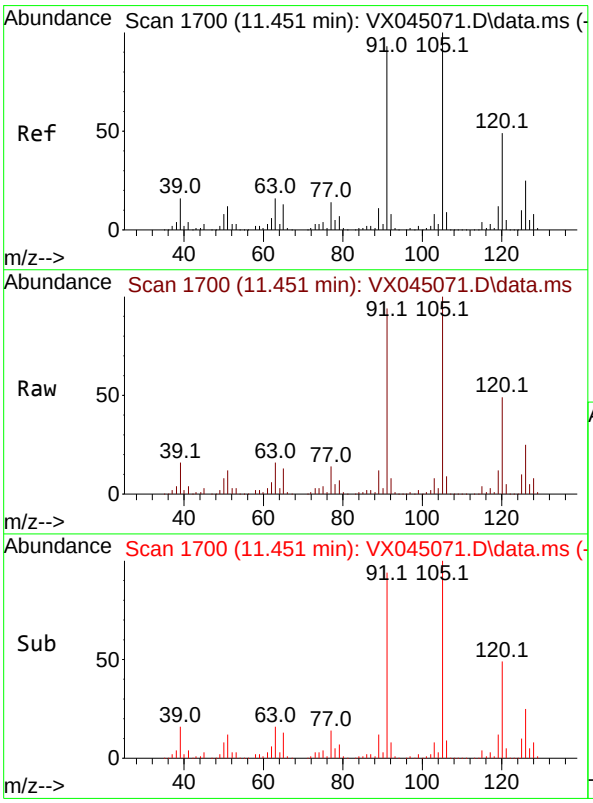
#79
2-Chlorotoluene
Concen: 50.154 ug/l
RT: 11.360 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 204484

Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.4	49.4

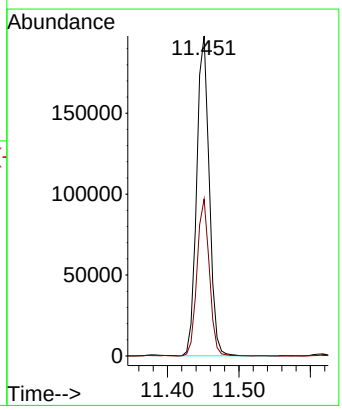


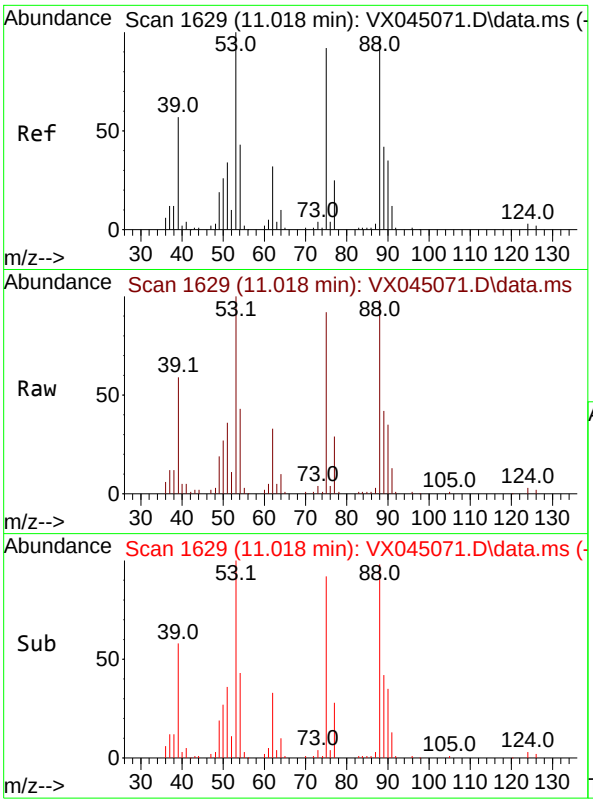


#80
1,3,5-Trimethylbenzene
Concen: 51.613 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion:105 Resp: 241129

Ion	Ratio	Lower	Upper
105	100		
120	48.1	24.1	72.2



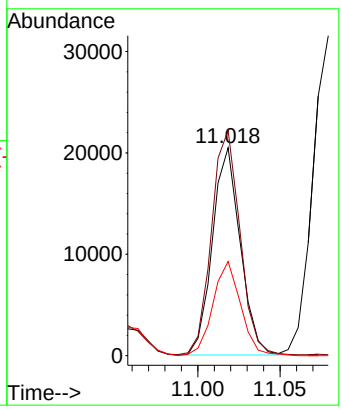


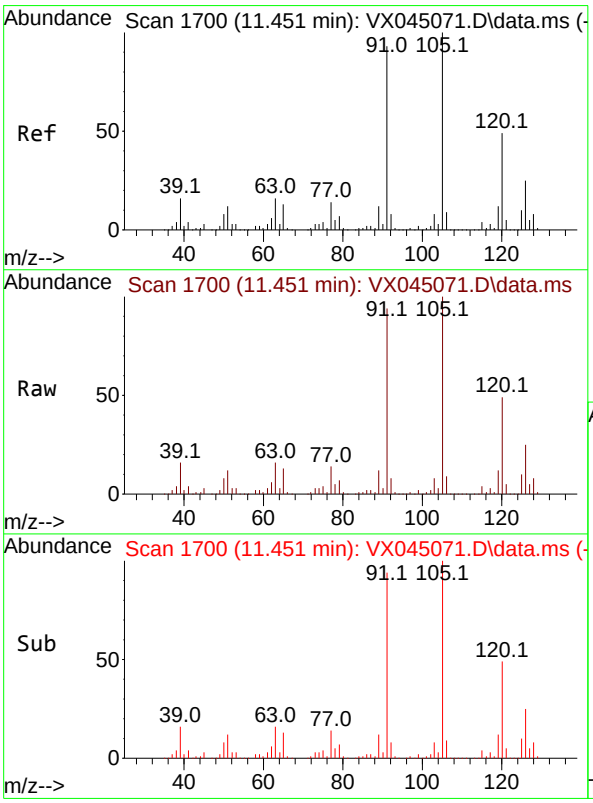
#81
trans-1,4-Dichloro-2-butene
Concen: 41.172 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 24135

Ion	Ratio	Lower	Upper
75	100		
53	110.6	88.5	132.7
89	45.3	36.2	54.4

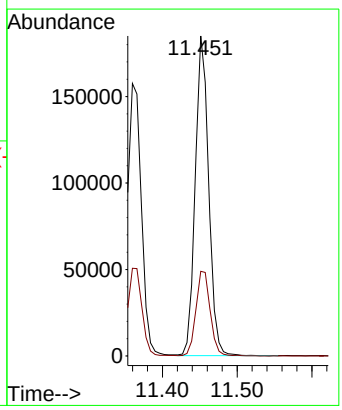


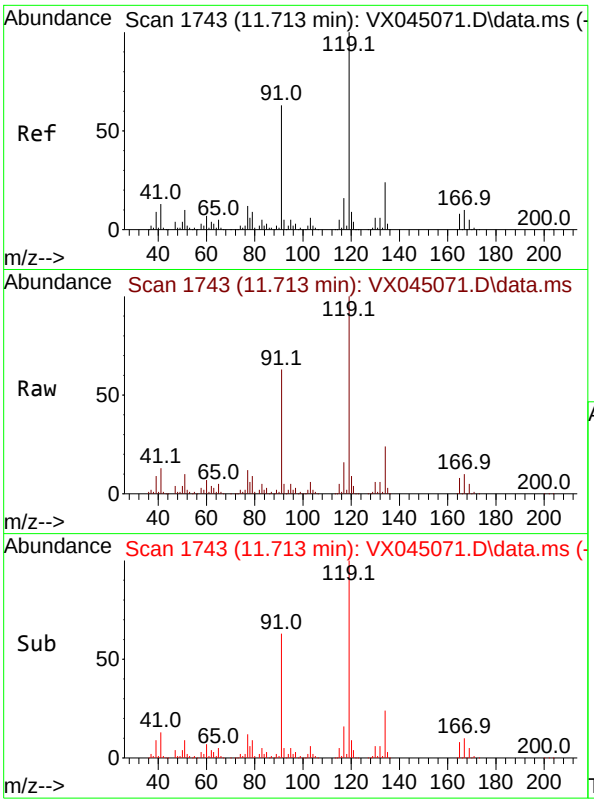


#82
4-Chlorotoluene
Concen: 51.072 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 91 Resp: 230493

Ion	Ratio	Lower	Upper
91	100		
126	28.3	14.1	42.4



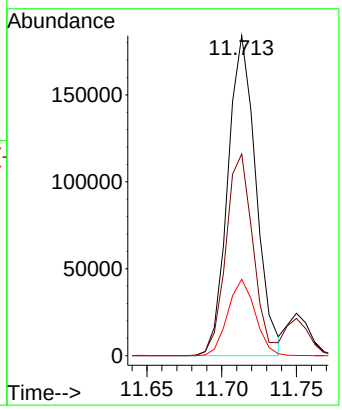


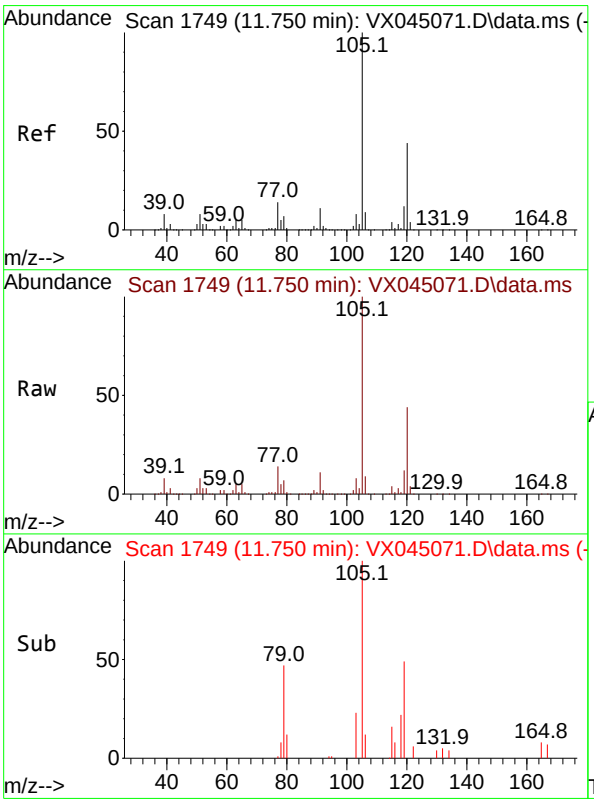
#83
tert-Butylbenzene
Concen: 50.895 ug/l
RT: 11.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:119 Resp: 240510

Ion	Ratio	Lower	Upper
119	100		
91	61.4	30.7	92.1
134	23.3	11.7	35.0

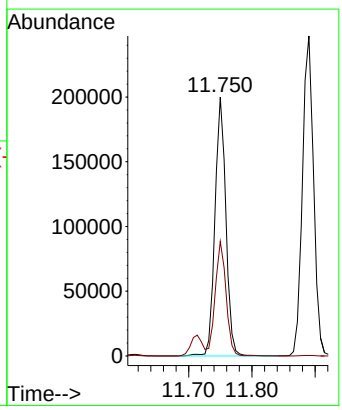


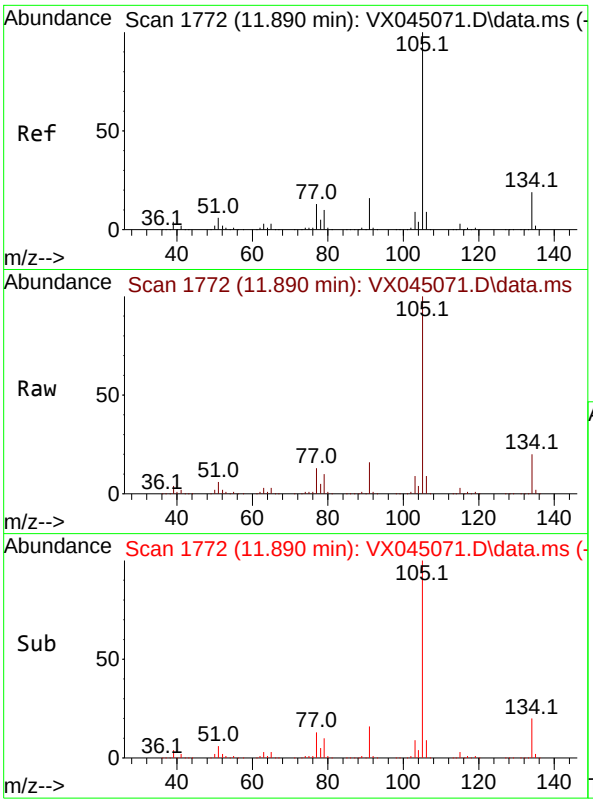


#84
1,2,4-Trimethylbenzene
Concen: 52.326 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion:105 Resp: 240719

Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.1	66.1



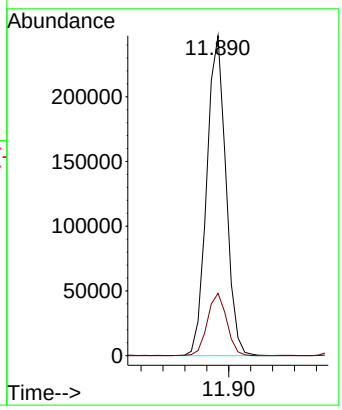


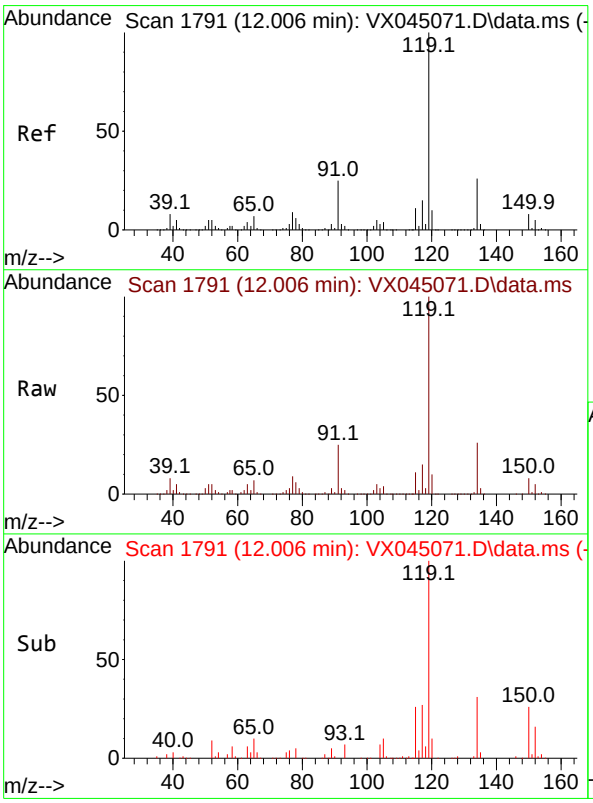
#85
sec-Butylbenzene
Concen: 51.353 ug/l
RT: 11.890 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 300393

Ion	Ratio	Lower	Upper
105	100		
134	19.6	9.8	29.4

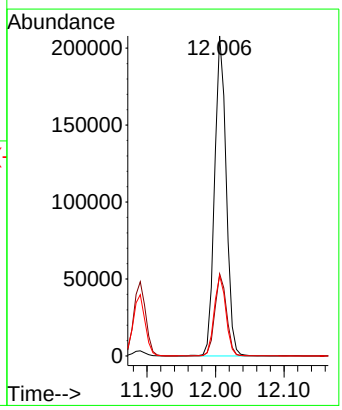


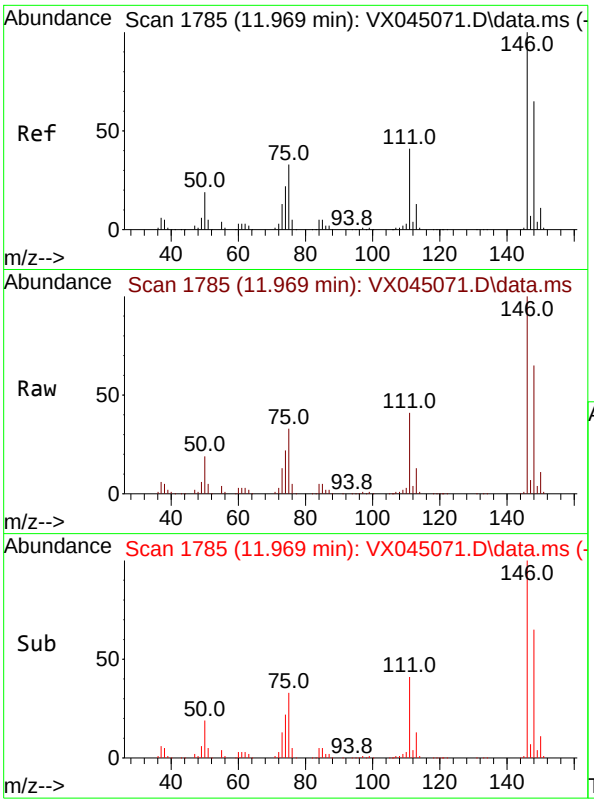


#86
p-Isopropyltoluene
Concen: 51.964 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion:119 Resp: 244031

Ion	Ratio	Lower	Upper
119	100		
134	25.7	12.9	38.6
91	25.3	12.7	38.0



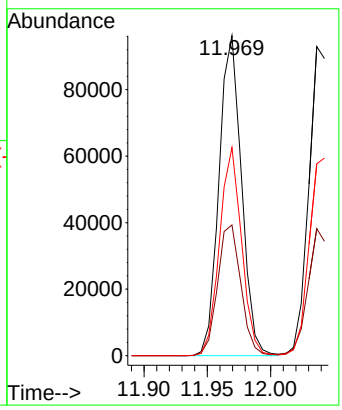


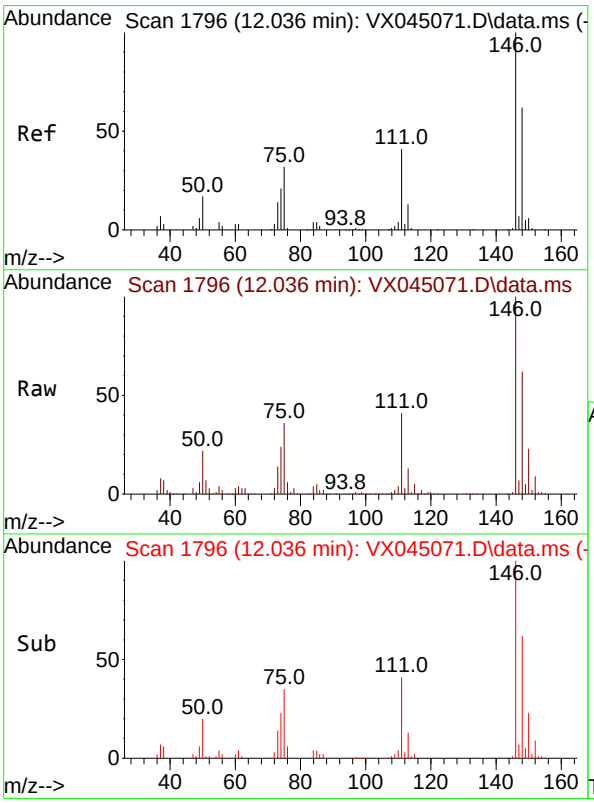
#87
1,3-Dichlorobenzene
Concen: 49.747 ug/l
RT: 11.969 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 118879

Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.1	63.4
148	63.8	31.9	95.7

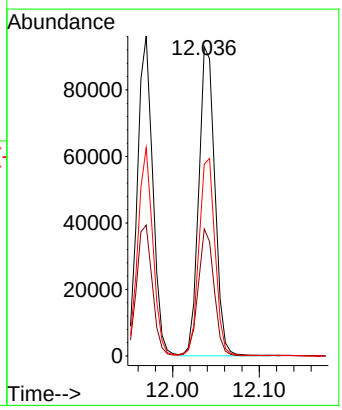


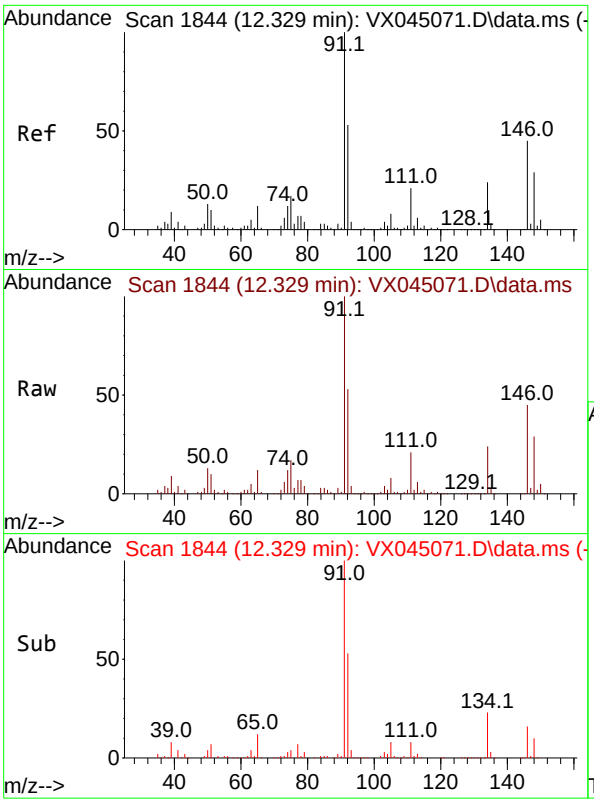


#88
1,4-Dichlorobenzene
Concen: 49.694 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion:146 Resp: 120217

Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.2	60.5
148	63.9	31.9	95.9



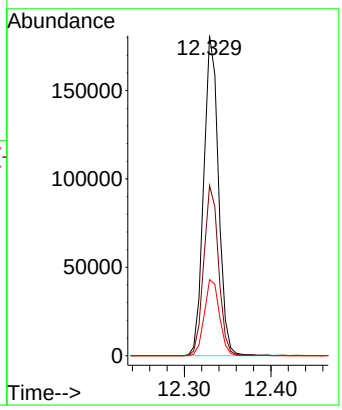


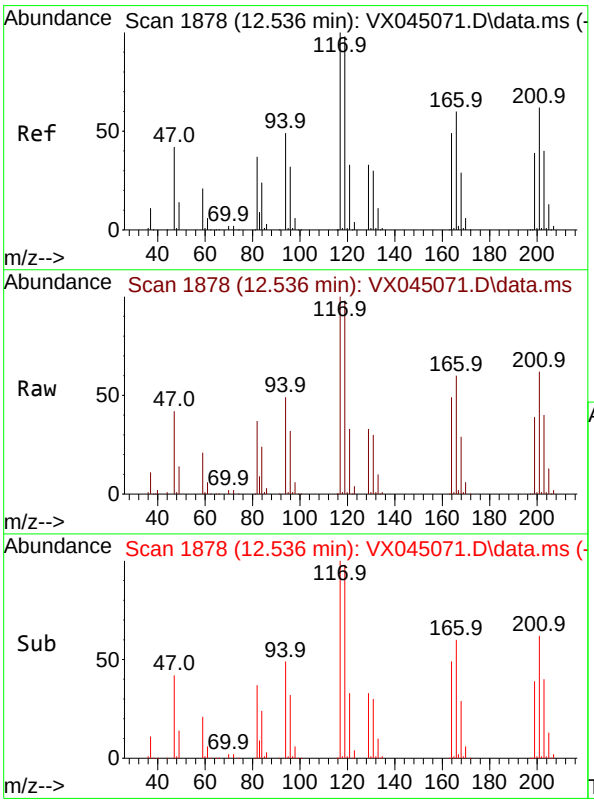
#89
n-Butylbenzene
Concen: 52.006 ug/l
RT: 12.329 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 214685

Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.7	80.0
134	24.4	12.2	36.6

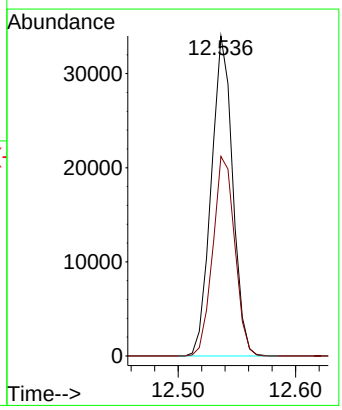


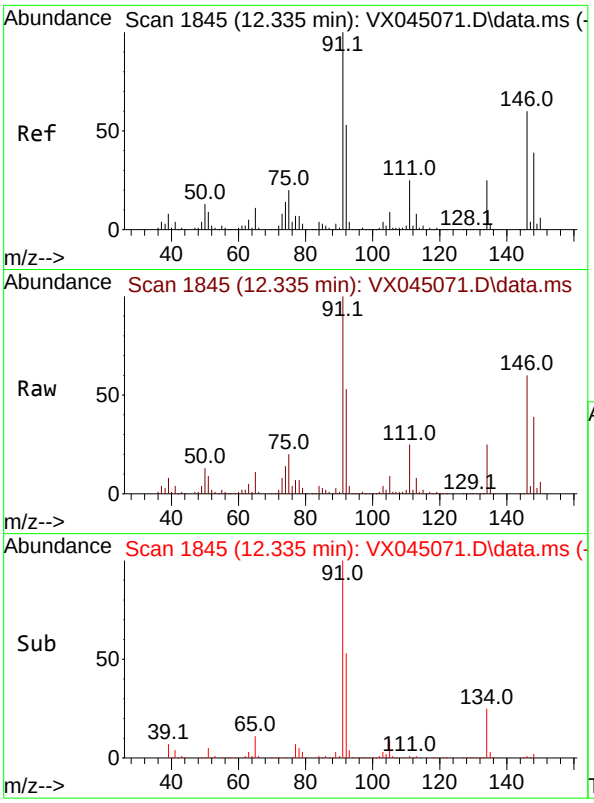


#90
Hexachloroethane
Concen: 49.188 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion:117 Resp: 43086

Ion	Ratio	Lower	Upper
117	100		
201	63.9	31.9	95.9



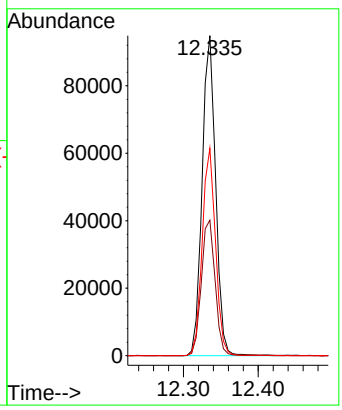


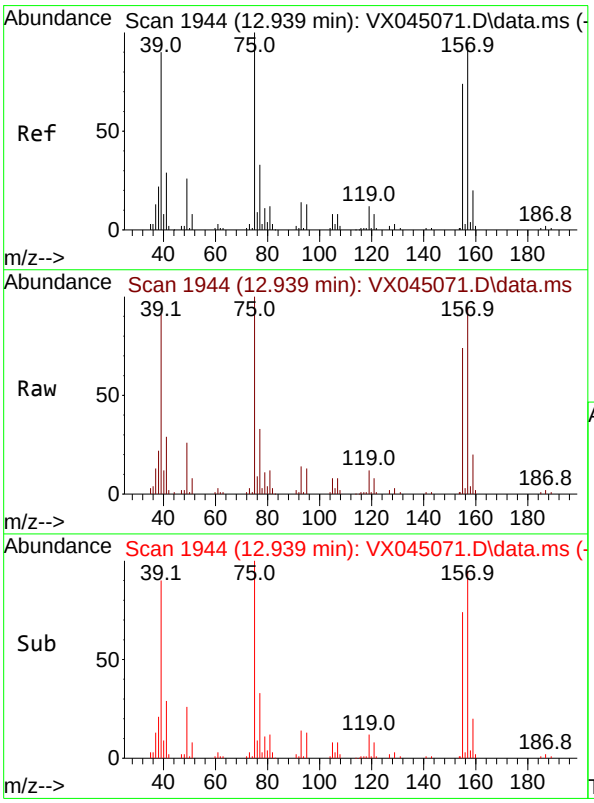
#91
1,2-Dichlorobenzene
Concen: 50.557 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 118896

Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.6	65.0
148	63.9	31.9	95.9

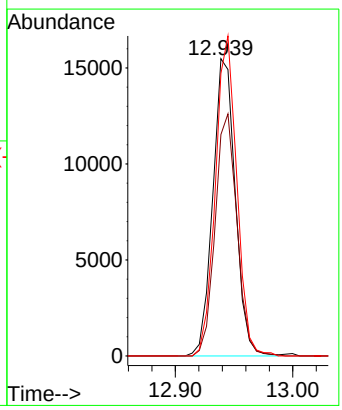


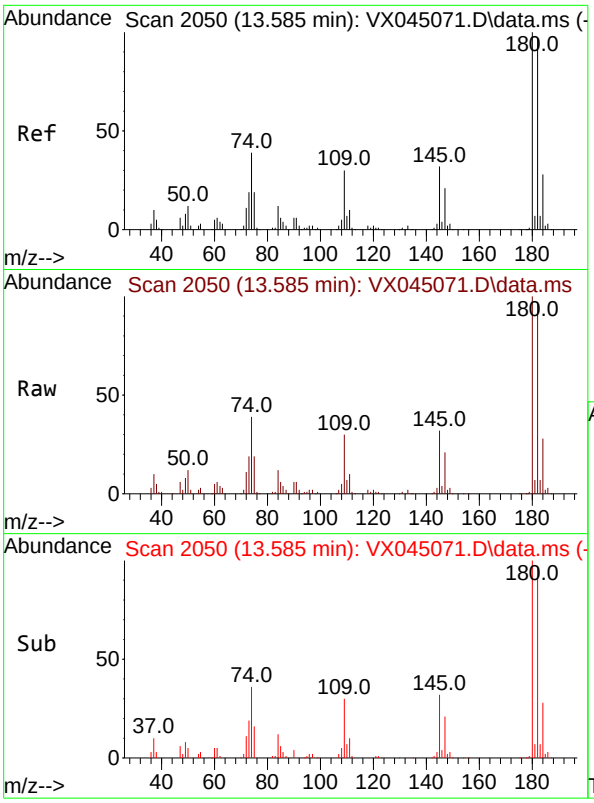


#92
1,2-Dibromo-3-Chloropropane
Concen: 56.123 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 75 Resp: 20610

Ion	Ratio	Lower	Upper
75	100		
155	79.1	39.6	118.7
157	102.3	51.1	153.4



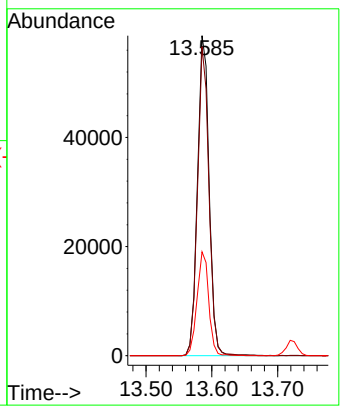


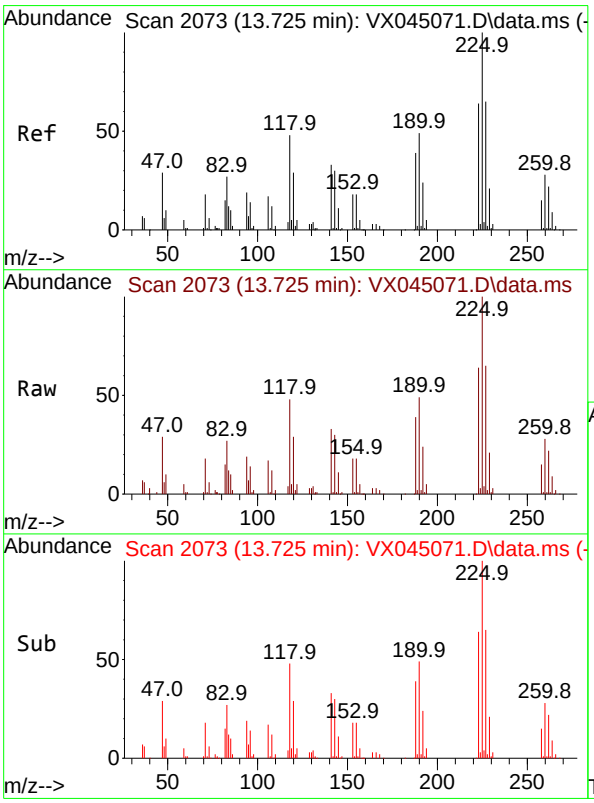
#93
1,2,4-Trichlorobenzene
Concen: 50.571 ug/l
RT: 13.585 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:180 Resp: 71897

Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.3	141.9
145	32.6	16.3	48.9

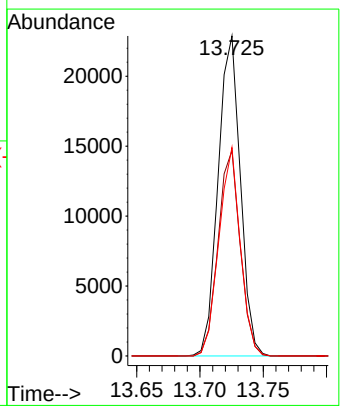


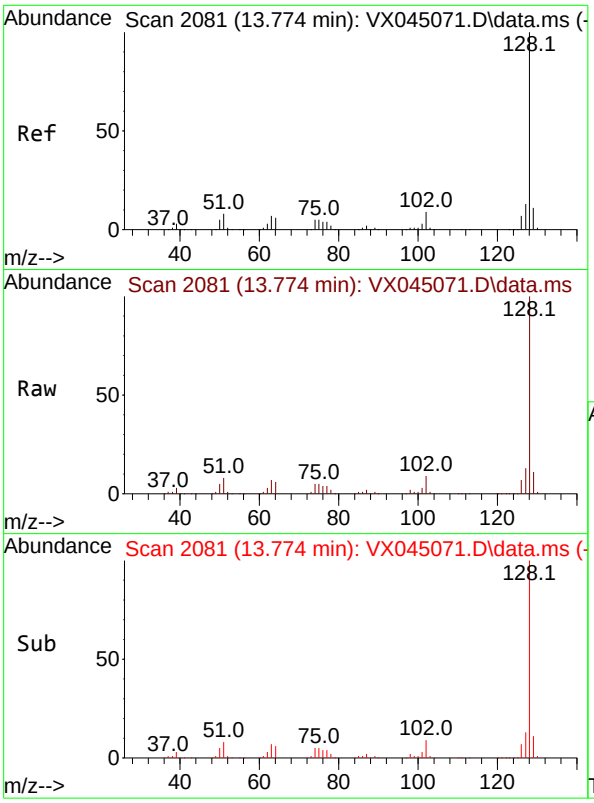


#94
Hexachlorobutadiene
Concen: 49.245 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion:225 Resp: 27916

Ion	Ratio	Lower	Upper
225	100		
223	63.8	31.9	95.7
227	62.7	31.4	94.0



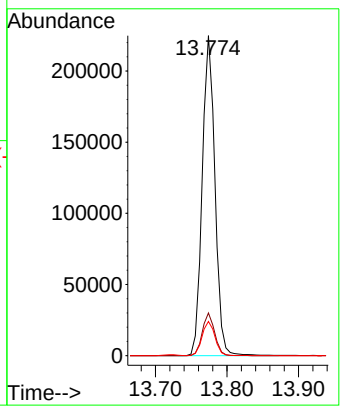


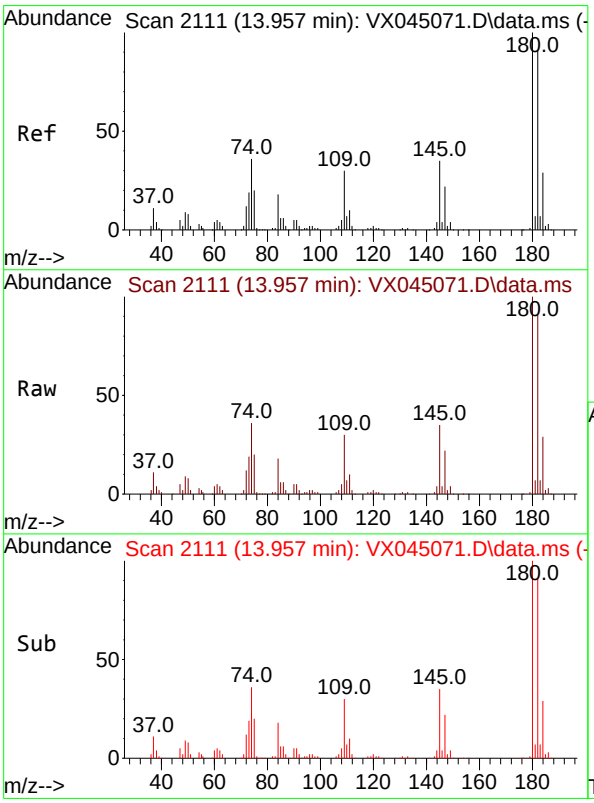
#95
Naphthalene
Concen: 53.700 ug/l
RT: 13.774 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 278086

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.9	8.7	13.1

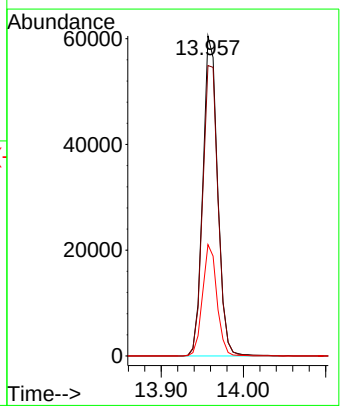




#96
1,2,3-Trichlorobenzene
Concen: 52.406 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion:180 Resp: 75482

Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.5	142.6
145	33.9	17.0	50.9



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045072.D
Acq On : 28 Feb 2025 03:23
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Feb 28 05:35:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	101178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	181031	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	151175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	69086	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	158452	106.011	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 212.020%#			
35) Dibromofluoromethane	5.385	113	123185	104.110	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 208.220%#			
50) Toluene-d8	8.647	98	441188	99.595	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 199.200%#			
62) 4-Bromofluorobenzene	11.079	95	148476	100.365	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 200.720%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	126718	90.869	ug/l	95
3) Chloromethane	1.306	50	145825	85.936	ug/l	98
4) Vinyl Chloride	1.373	62	154734	93.360	ug/l	96
5) Bromomethane	1.593	94	57503	110.980	ug/l	97
6) Chloroethane	1.660	64	60155	95.351	ug/l	97
7) Trichlorofluoromethane	1.861	101	198701	93.594	ug/l	99
8) Diethyl Ether	2.135	74	78263	101.441	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.312	101	120518	95.064	ug/l	98
10) Methyl Iodide	2.440	142	153466	94.425	ug/l	99
11) Tert butyl alcohol	3.001	59	135016	493.141	ug/l	98
12) 1,1-Dichloroethene	2.306	96	125436	96.366	ug/l	98
13) Acrolein	2.239	56	180411	608.485	ug/l	99
14) Allyl chloride	2.654	41	220783	94.344	ug/l	98
15) Acrylonitrile	3.068	53	391946	526.749	ug/l	100
16) Acetone	2.392	43	348698	566.991	ug/l	99
17) Carbon Disulfide	2.495	76	345572	97.574	ug/l	98
18) Methyl Acetate	2.709	43	175784	94.899	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	431413	103.661	ug/l	100
20) Methylene Chloride	2.782	84	140388	96.381	ug/l	98
21) trans-1,2-Dichloroethene	3.080	96	128232	100.164	ug/l	98
22) Diisopropyl ether	3.763	45	467534	104.489	ug/l	98
23) Vinyl Acetate	3.721	43	2035880	554.219	ug/l	99
24) 1,1-Dichloroethane	3.605	63	257023	102.805	ug/l	100
25) 2-Butanone	4.562	43	559182	563.952	ug/l	99
26) 2,2-Dichloropropane	4.470	77	124805	67.148	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	155193	100.568	ug/l	99
28) Bromochloromethane	4.897	49	113848	94.428	ug/l	98
29) Tetrahydrofuran	5.007	42	365565	556.465	ug/l	100
30) Chloroform	5.092	83	248978	101.814	ug/l	97
31) Cyclohexane	5.464	56	231082	100.711	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	211302	102.638	ug/l	99
36) 1,1-Dichloropropene	5.690	75	172295	101.258	ug/l	99
37) Ethyl Acetate	4.720	43	220327	113.796	ug/l	99
38) Carbon Tetrachloride	5.671	117	177219	105.940	ug/l	97
39) Methylcyclohexane	7.372	83	219856	101.175	ug/l	99
40) Benzene	6.031	78	541974	101.908	ug/l	100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045072.D
Acq On : 28 Feb 2025 03:23
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Feb 28 05:35:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	120186	116.205	ug/l		98
42) 1,2-Dichloroethane	6.086	62	189857	110.158	ug/l		99
43) Isopropyl Acetate	6.342	43	338414	109.806	ug/l		99
44) Trichloroethene	7.122	130	128124	105.402	ug/l		96
45) 1,2-Dichloropropane	7.427	63	135997	102.898	ug/l		100
46) Dibromomethane	7.580	93	97248	105.329	ug/l		99
47) Bromodichloromethane	7.817	83	191016	106.947	ug/l		97
48) Methyl methacrylate	7.695	41	165825	113.344	ug/l		99
49) 1,4-Dioxane	7.665	88	66308	2132.314	ug/l		99
51) 4-Methyl-2-Pentanone	8.573	43	1048140	555.050	ug/l		99
52) Toluene	8.714	92	316349	100.178	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	177352	100.462	ug/l		97
54) cis-1,3-Dichloropropene	8.366	75	200943	101.815	ug/l		98
55) 1,1,2-Trichloroethane	9.146	97	123426	100.920	ug/l		99
56) Ethyl methacrylate	9.116	69	208782	106.744	ug/l		100
57) 1,3-Dichloropropane	9.305	76	216267	101.387	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	494551	514.987	ug/l		99
59) 2-Hexanone	9.433	43	779492	572.233	ug/l		99
60) Dibromochloromethane	9.518	129	139245	106.719	ug/l		99
61) 1,2-Dibromoethane	9.610	107	128617	104.259	ug/l		99
64) Tetrachloroethene	9.268	164	99386	103.491	ug/l		98
65) Chlorobenzene	10.079	112	332473	102.456	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.158	131	112451	107.511	ug/l		96
67) Ethyl Benzene	10.189	91	596257	103.905	ug/l		100
68) m/p-Xylenes	10.299	106	432214	204.507	ug/l		99
69) o-Xylene	10.640	106	213835	100.849	ug/l		99
70) Styrene	10.652	104	357649	104.948	ug/l		99
71) Bromoform	10.799	173	90800	116.751	ug/l	#	99
73) Isopropylbenzene	10.963	105	553533	99.138	ug/l		99
74) N-amyl acetate	10.841	43	287104	113.277	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.213	83	192217	99.923	ug/l		98
76) 1,2,3-Trichloropropane	11.238	75	203020	131.738	ug/l		86
77) Bromobenzene	11.195	156	125700	99.175	ug/l		97
78) n-propylbenzene	11.305	91	648835	100.758	ug/l		99
79) 2-Chlorotoluene	11.359	91	382703	96.825	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	445466	98.356	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	51975	91.460	ug/l		99
82) 4-Chlorotoluene	11.451	91	433881	99.168	ug/l		100
83) tert-Butylbenzene	11.713	119	454859	99.288	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	450108	100.926	ug/l		99
85) sec-Butylbenzene	11.890	105	570006	100.517	ug/l		100
86) p-Isopropyltoluene	12.006	119	465512	102.252	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	231440	99.903	ug/l		100
88) 1,4-Dichlorobenzene	12.042	146	230663	98.355	ug/l		99
89) n-Butylbenzene	12.329	91	428209	107.000	ug/l		99
90) Hexachloroethane	12.536	117	87448	102.980	ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	233125	102.254	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	41402	116.296	ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	148368	107.648	ug/l		99
94) Hexachlorobutadiene	13.725	225	56065	102.019	ug/l		99
95) Naphthalene	13.774	128	565250	112.593	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	152970	109.554	ug/l		100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045072.D
Acq On : 28 Feb 2025 03:23
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Feb 28 05:35:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration

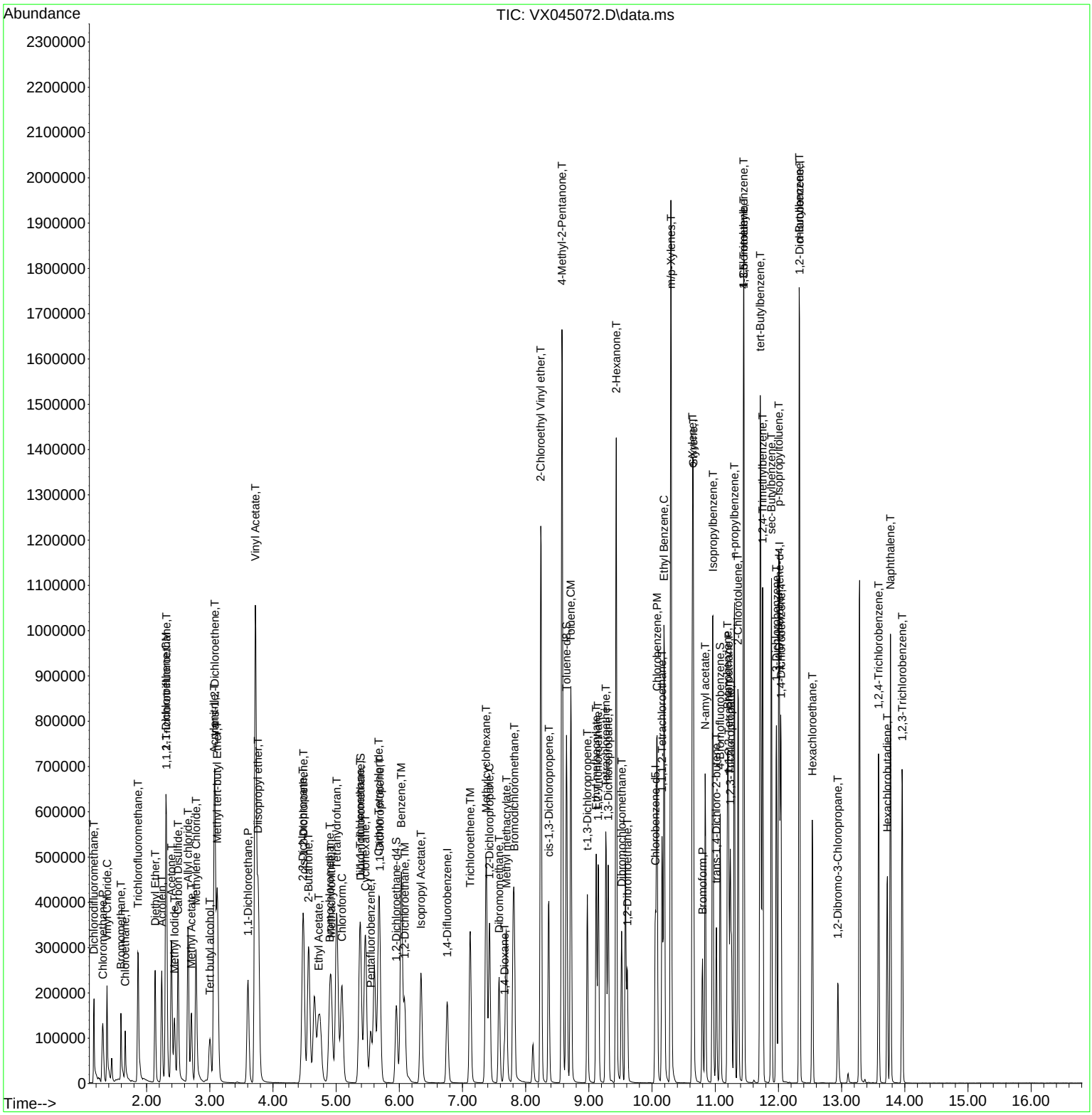
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

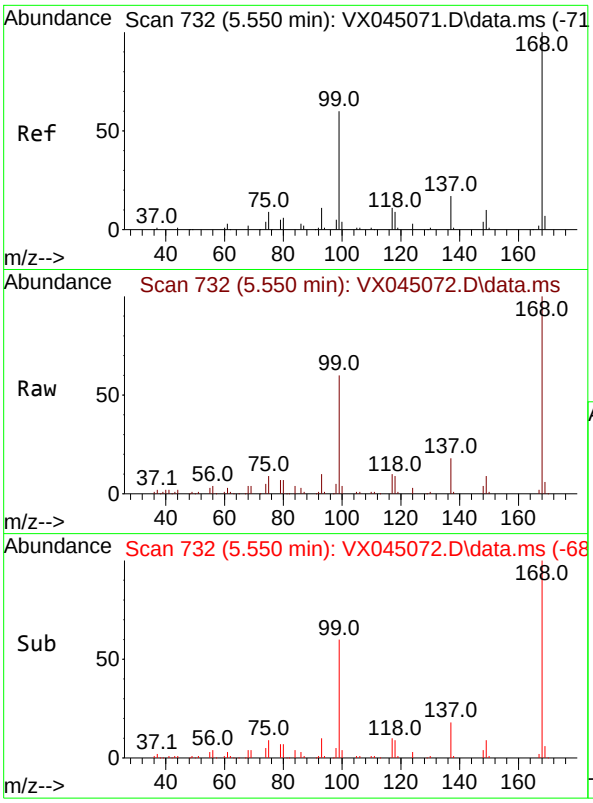
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045072.D
Acq On : 28 Feb 2025 03:23
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Feb 28 05:35:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration



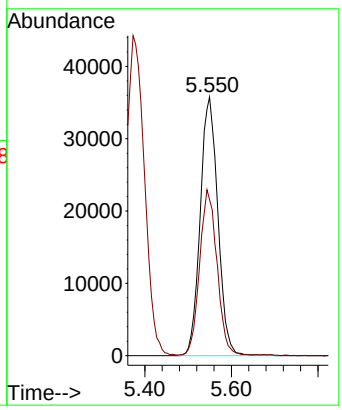


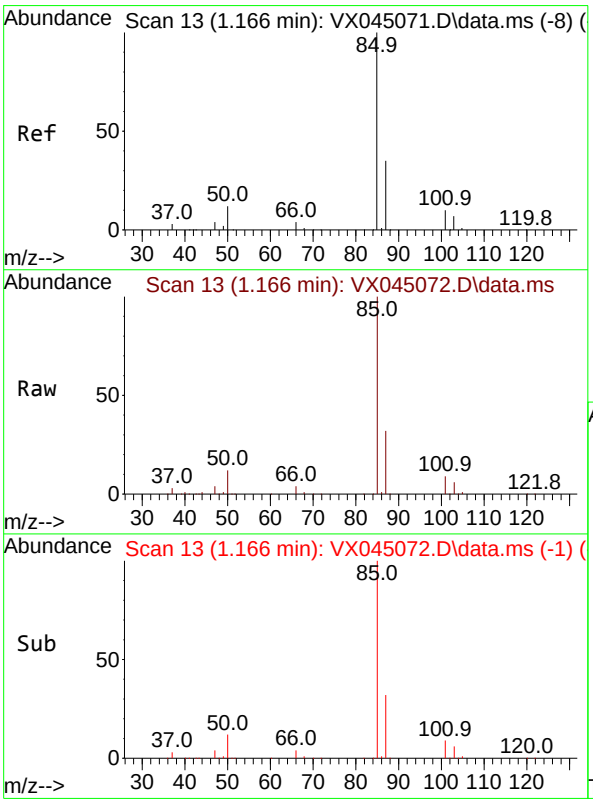
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:168 Resp: 101178

Ion	Ratio	Lower	Upper
168	100		
99	60.2	48.2	72.4

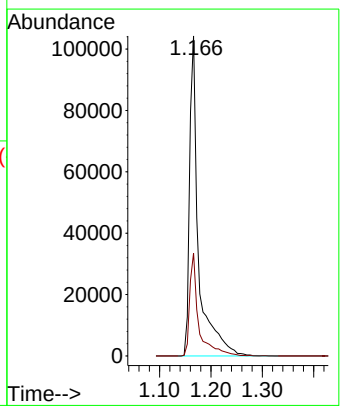


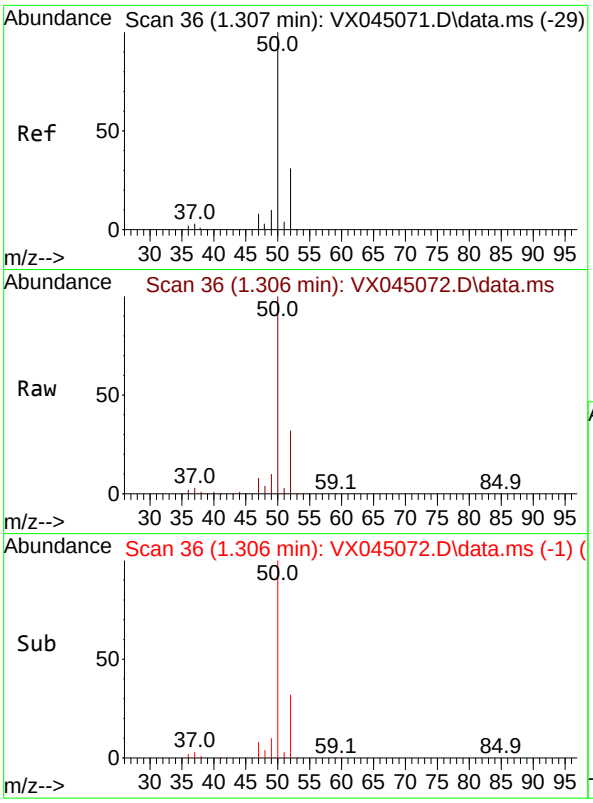


#2
Dichlorodifluoromethane
Concen: 90.869 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 85 Resp: 126718

Ion	Ratio	Lower	Upper
85	100		
87	32.1	17.4	52.3



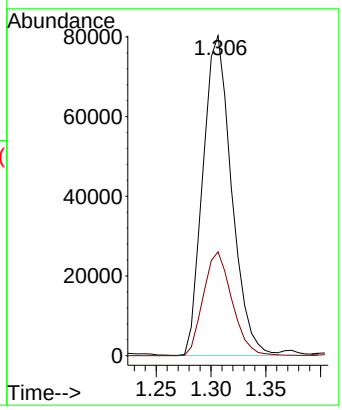


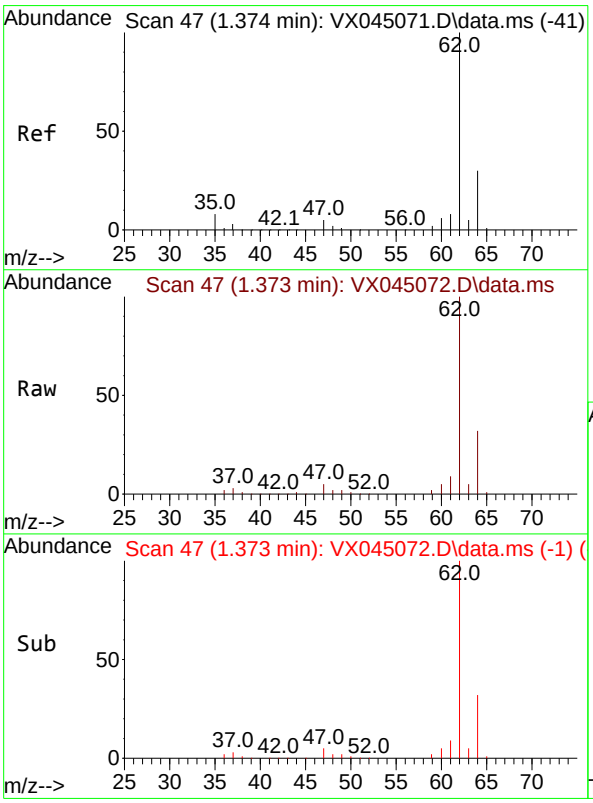
#3
Chloromethane
Concen: 85.936 ug/l
RT: 1.306 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 50 Resp: 145825

Ion	Ratio	Lower	Upper
50	100		
52	32.5	25.0	37.4

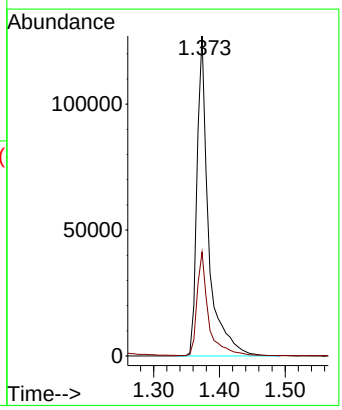


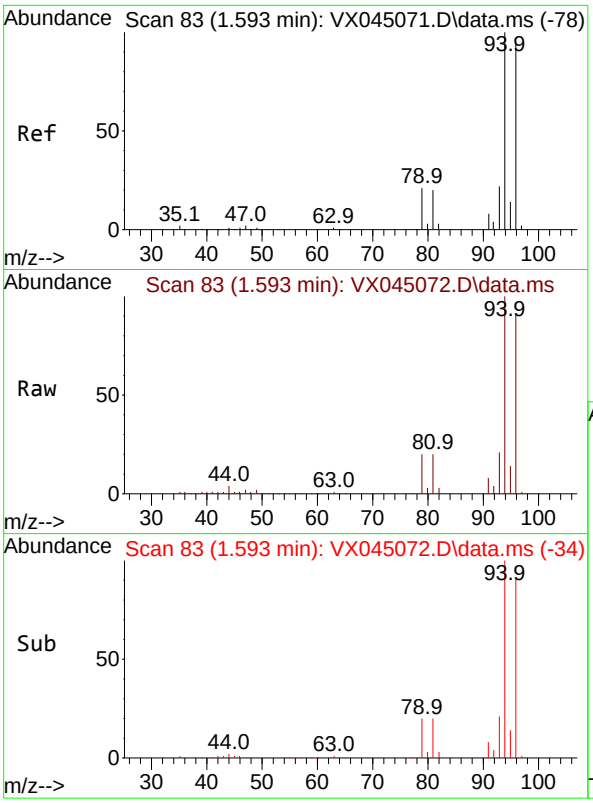


#4
Vinyl Chloride
Concen: 93.360 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 62 Resp: 154734

Ion	Ratio	Lower	Upper
62	100		
64	32.4	24.3	36.5



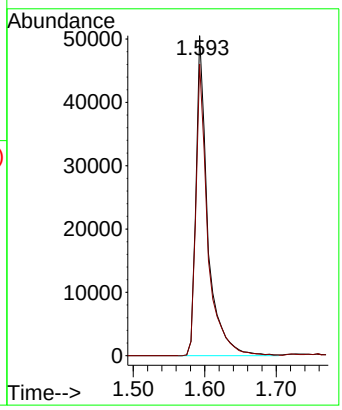


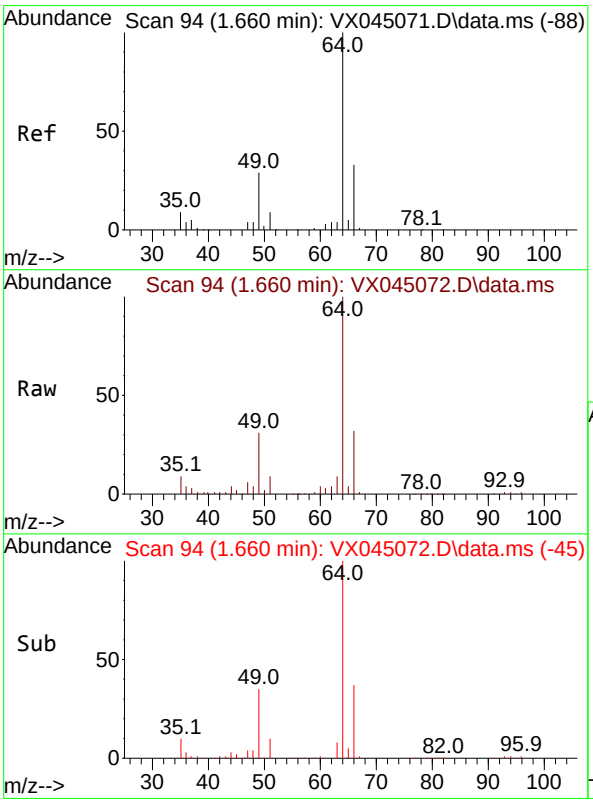
#5
Bromomethane
Concen: 110.980 ug/l
RT: 1.593 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 94 Resp: 57503

Ion	Ratio	Lower	Upper
94	100		
96	91.2	75.0	112.4

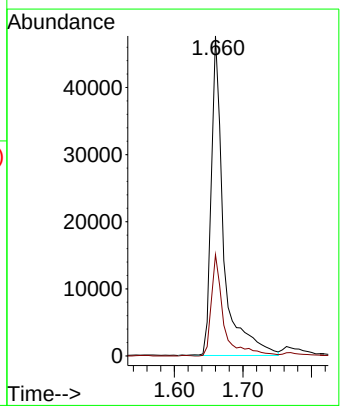


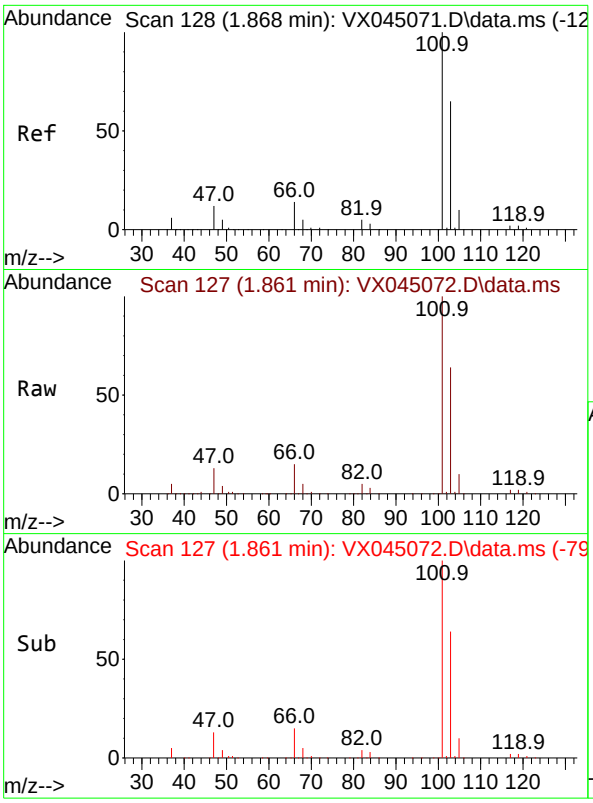


#6
Chloroethane
Concen: 95.351 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 64 Resp: 60155

Ion	Ratio	Lower	Upper
64	100		
66	31.7	26.7	40.1



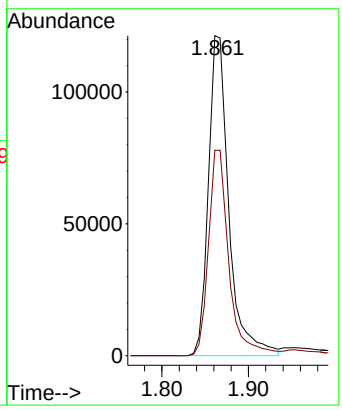


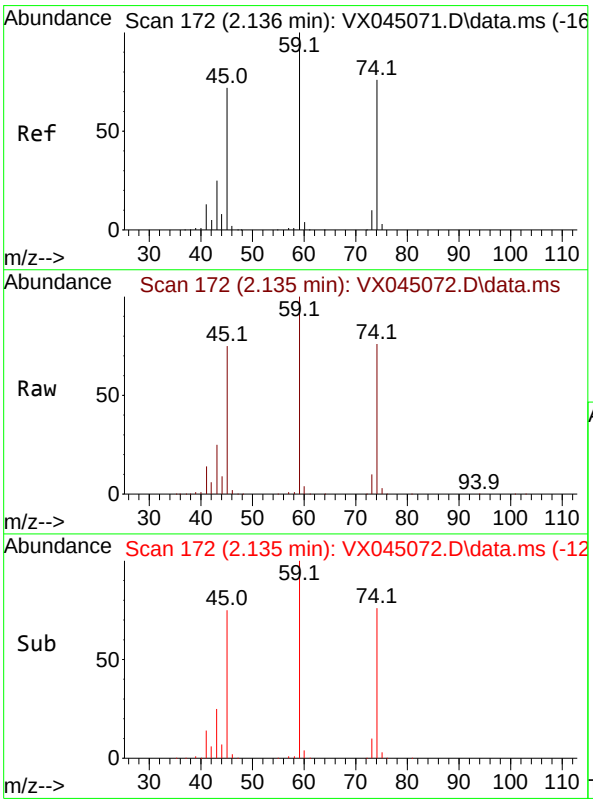
#7
Trichlorofluoromethane
Concen: 93.594 ug/l
RT: 1.861 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 198701

Ion	Ratio	Lower	Upper
101	100		
103	64.2	52.1	78.1

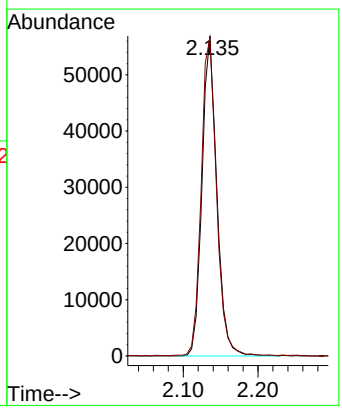


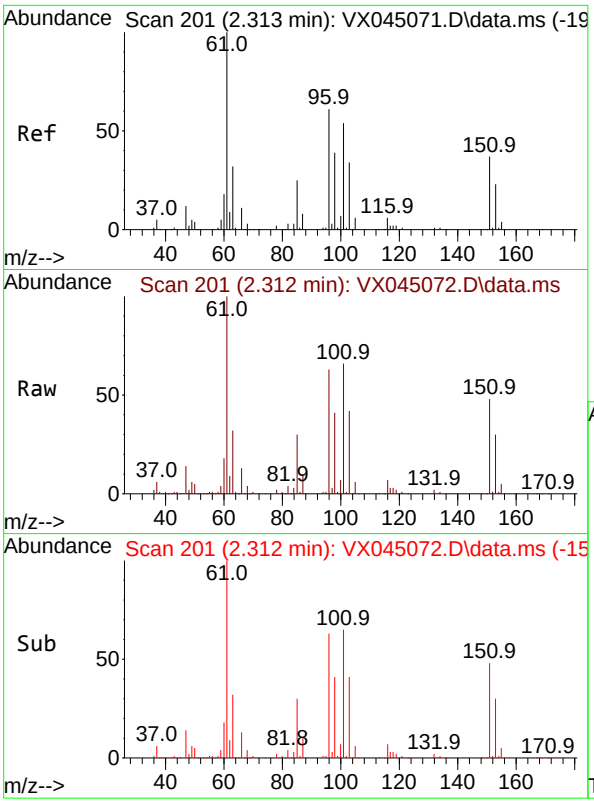


#8
Diethyl Ether
Concen: 101.441 ug/l
RT: 2.135 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 74 Resp: 78263

Ion	Ratio	Lower	Upper
74	100		
45	102.7	51.5	154.5



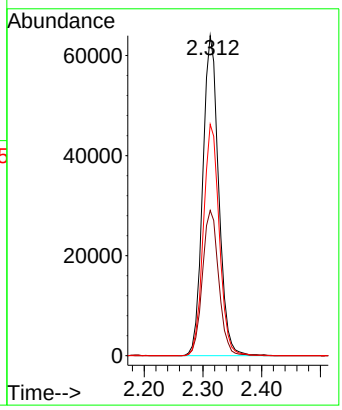


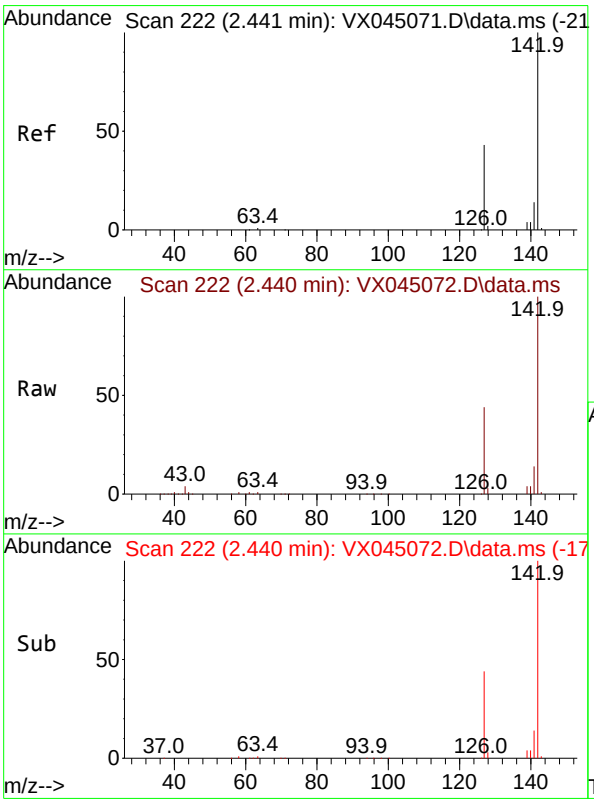
#9
1,1,2-Trichlorotrifluoroethane
Concen: 95.064 ug/l
RT: 2.312 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 120518

Ion	Ratio	Lower	Upper
101	100		
85	46.5	36.2	54.4
151	72.4	56.4	84.6

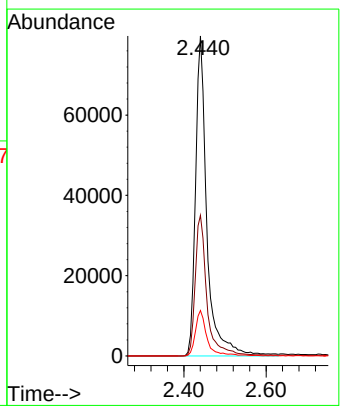


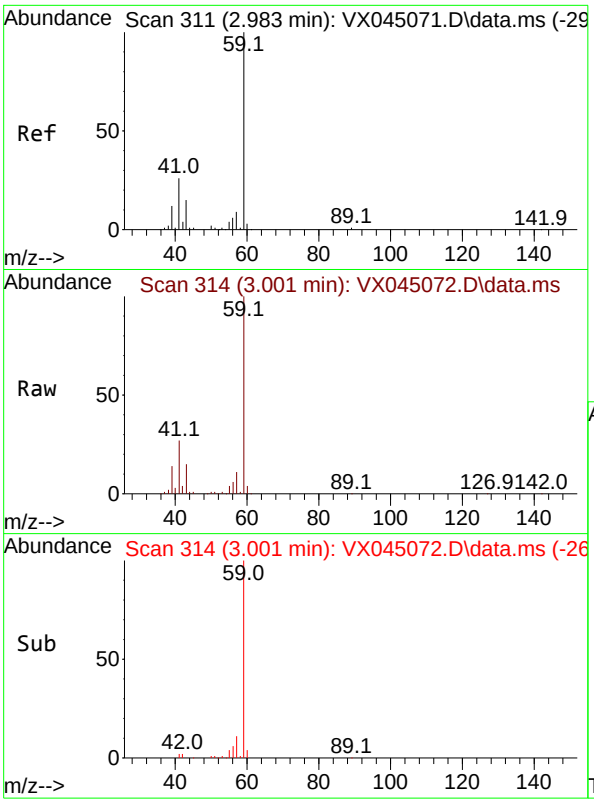


#10
Methyl Iodide
Concen: 94.425 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion:142 Resp: 153466

Ion	Ratio	Lower	Upper
142	100		
127	45.0	35.4	53.2
141	14.4	11.6	17.4



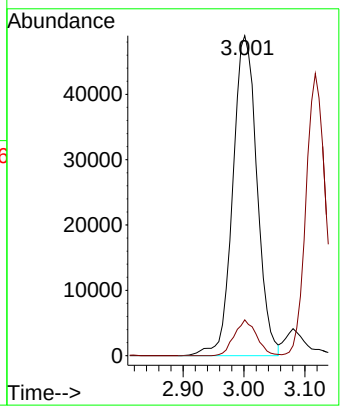


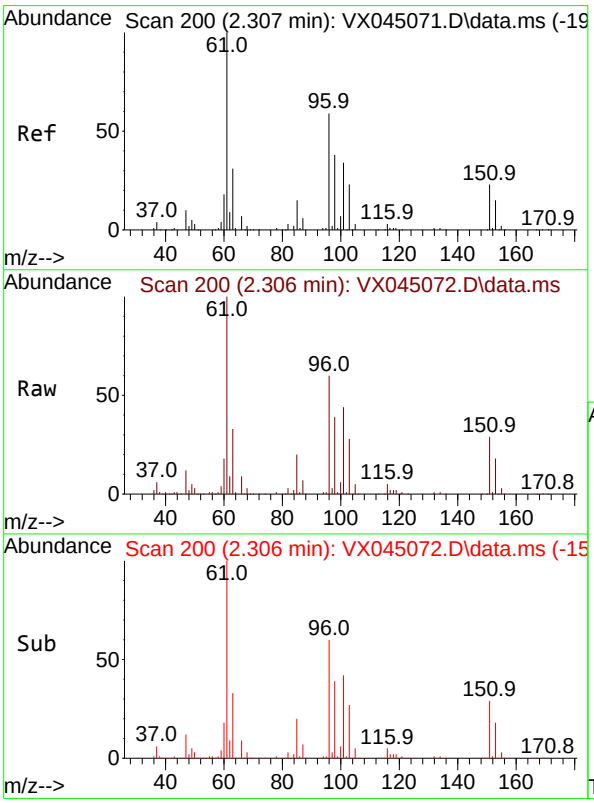
#11
Tert butyl alcohol
Concen: 493.141 ug/l
RT: 3.001 min Scan# 3
Delta R.T. 0.018 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 59 Resp: 135016

Ion	Ratio	Lower	Upper
59	100		
57	10.4	7.8	11.8

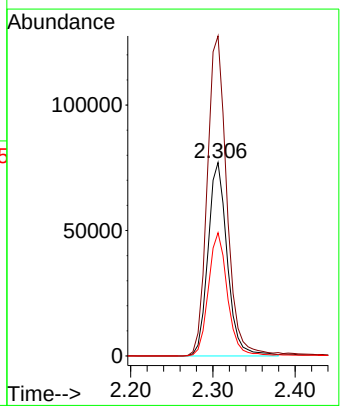


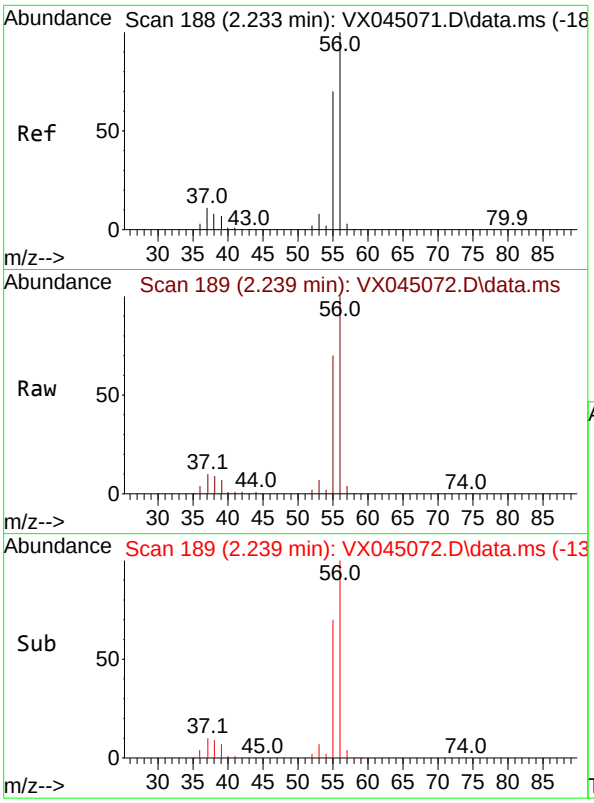


#12
1,1-Dichloroethene
Concen: 96.366 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 96 Resp: 125436

Ion	Ratio	Lower	Upper
96	100		
61	165.4	134.6	202.0
98	63.7	51.0	76.6



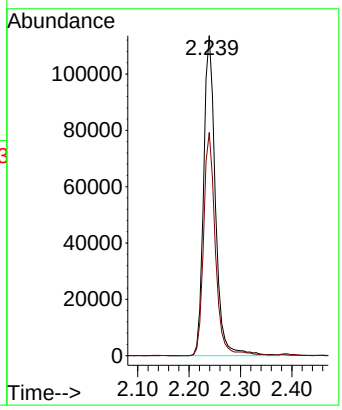


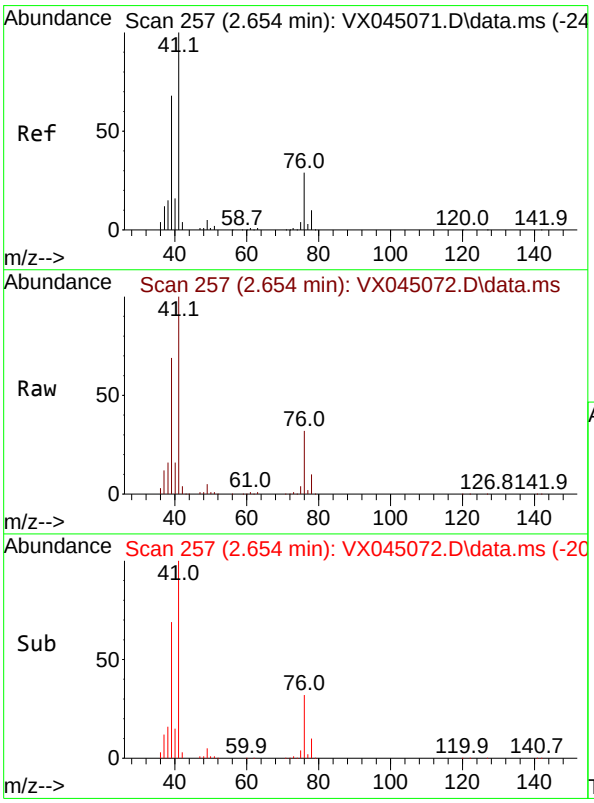
#13
Acrolein
Concen: 608.485 ug/l
RT: 2.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 56 Resp: 180411

Ion	Ratio	Lower	Upper
56	100		
55	69.8	56.2	84.4

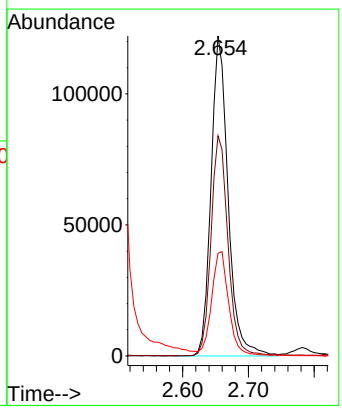


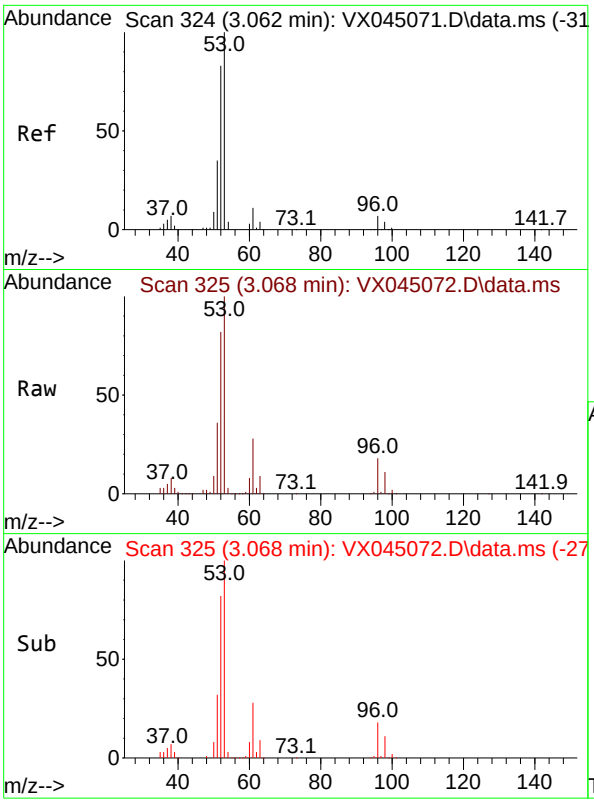


#14
Allyl chloride
Concen: 94.344 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 41 Resp: 220783

Ion	Ratio	Lower	Upper
41	100		
39	68.4	53.8	80.8
76	32.6	25.2	37.8



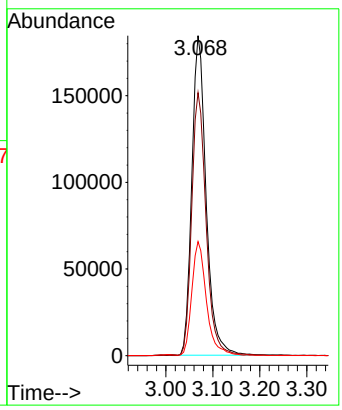


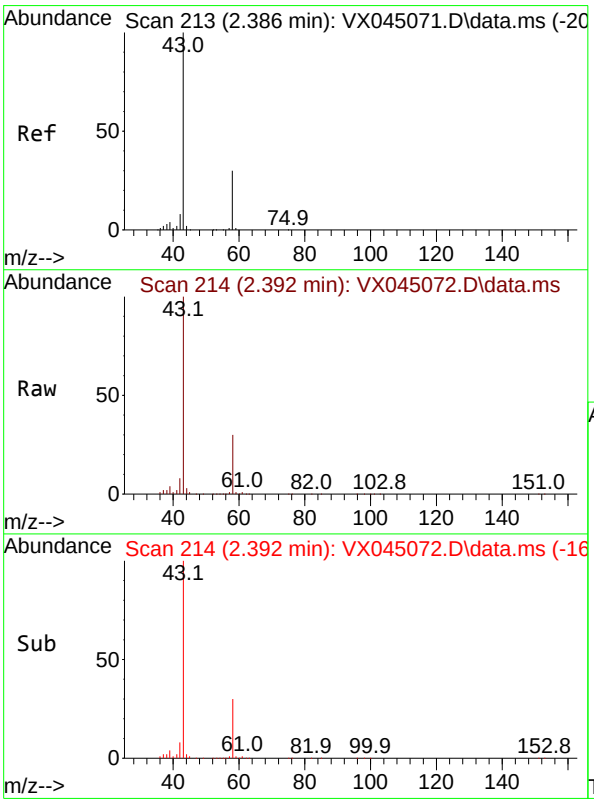
#15
Acrylonitrile
Concen: 526.749 ug/l
RT: 3.068 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 53 Resp: 391946

Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.2	99.2
51	36.6	29.0	43.4

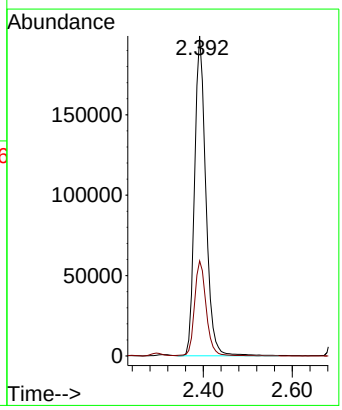


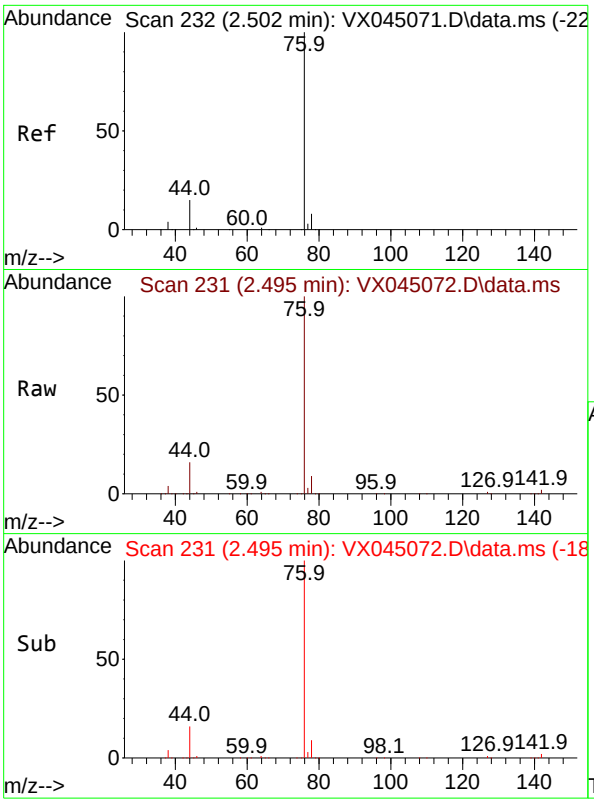


#16
Acetone
Concen: 566.991 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 43 Resp: 348698

Ion	Ratio	Lower	Upper
43	100		
58	29.7	24.2	36.4



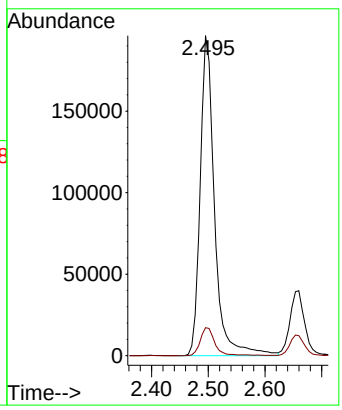


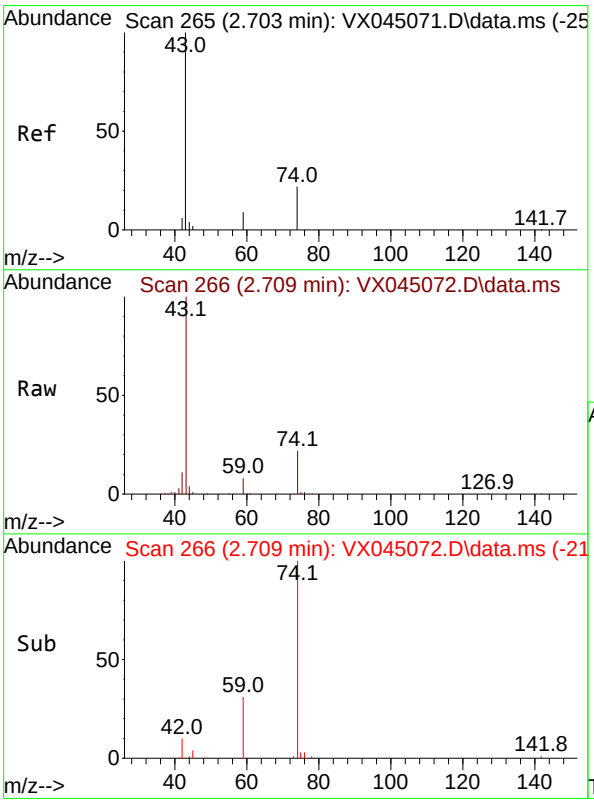
#17
Carbon Disulfide
Concen: 97.574 ug/l
RT: 2.495 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 76 Resp: 345572

Ion	Ratio	Lower	Upper
76	100		
78	8.7	6.6	9.8

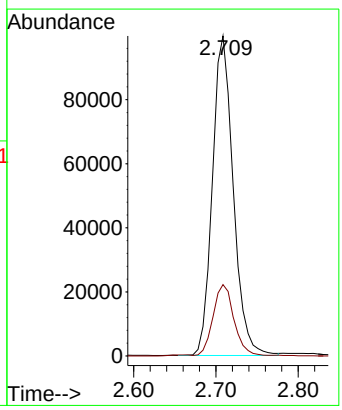


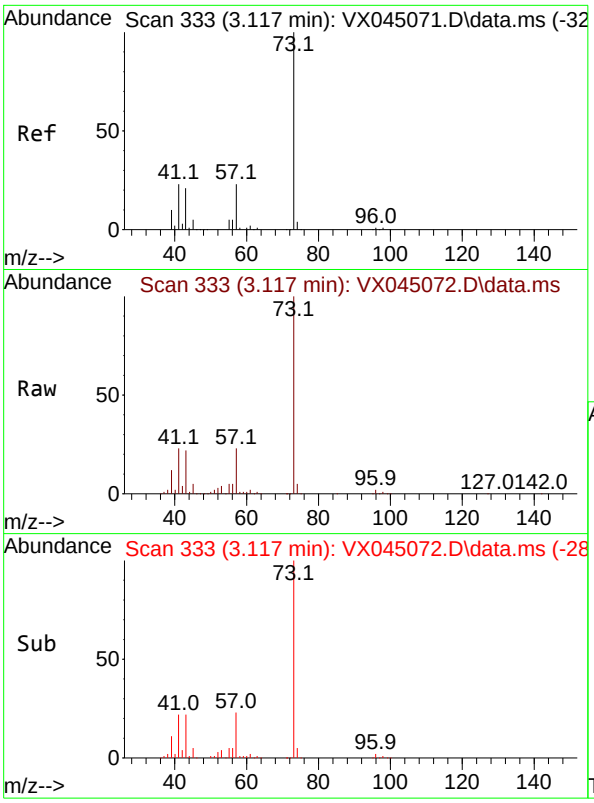


#18
Methyl Acetate
Concen: 94.899 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 43 Resp: 175784

Ion	Ratio	Lower	Upper
43	100		
74	22.7	17.4	26.2



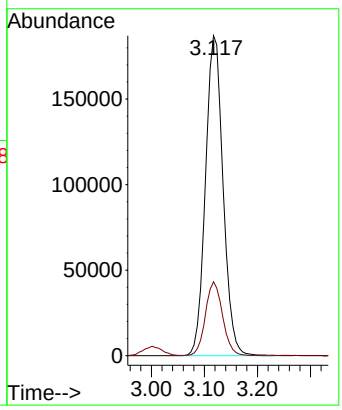


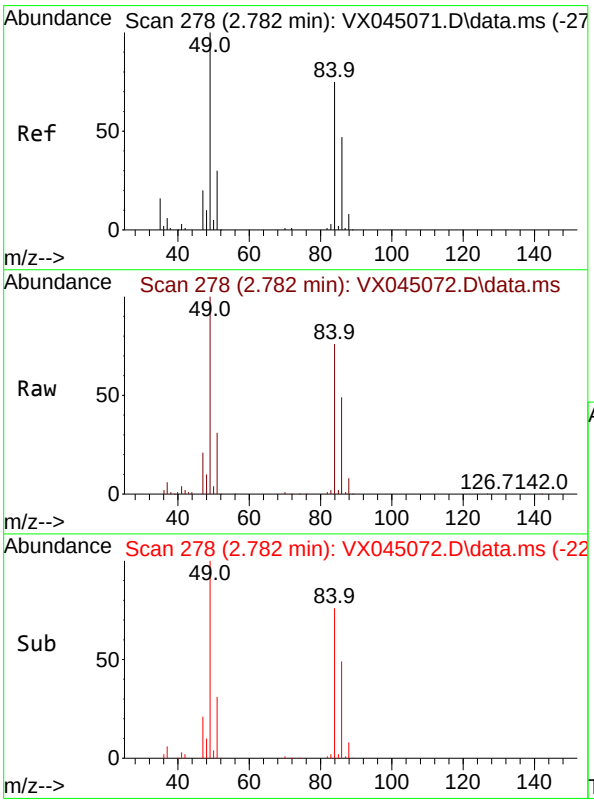
#19
Methyl tert-butyl Ether
Concen: 103.661 ug/l
RT: 3.117 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 73 Resp: 431413

Ion	Ratio	Lower	Upper
73	100		
57	23.0	18.5	27.7

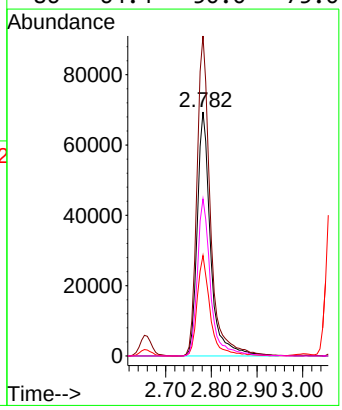


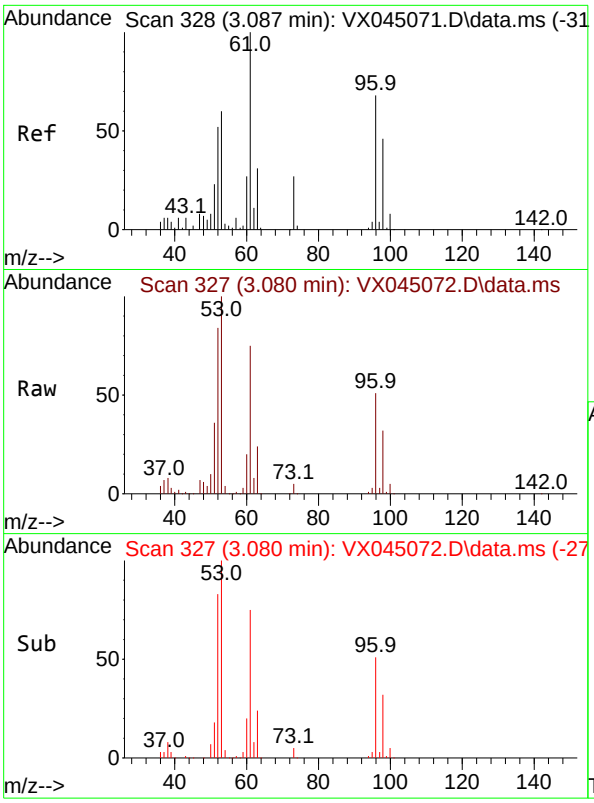


#20
Methylene Chloride
Concen: 96.381 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 84 Resp: 140388

Ion	Ratio	Lower	Upper
84	100		
49	131.2	106.5	159.7
51	41.2	32.1	48.1
86	64.4	50.0	75.0



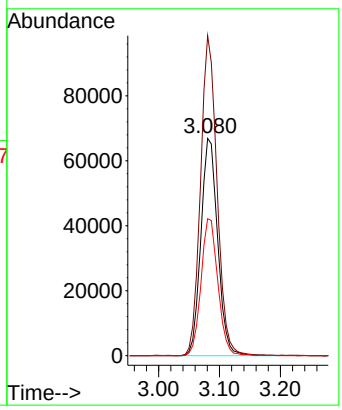


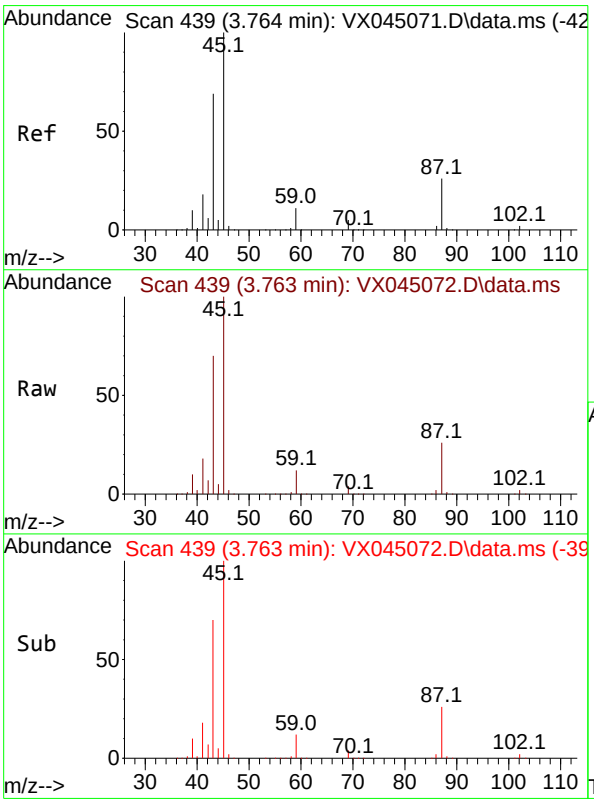
#21
trans-1,2-Dichloroethene
Concen: 100.164 ug/l
RT: 3.080 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 96 Resp: 128232

Ion	Ratio	Lower	Upper
96	100		
61	147.3	117.0	175.4
98	63.0	53.4	80.2

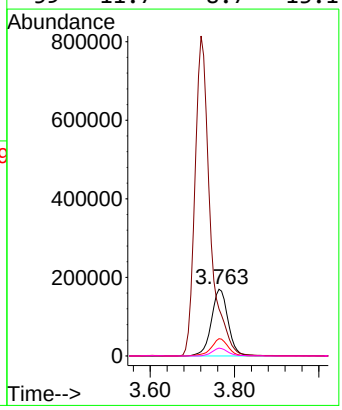


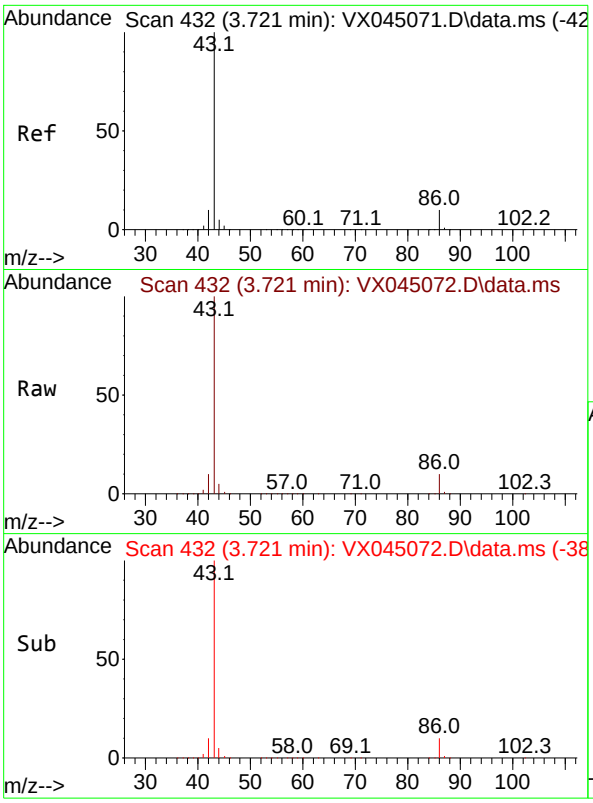


#22
Diisopropyl ether
Concen: 104.489 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 45 Resp: 467534

Ion	Ratio	Lower	Upper
45	100		
43	70.4	54.9	82.3
87	26.0	21.0	31.4
59	11.7	8.7	13.1



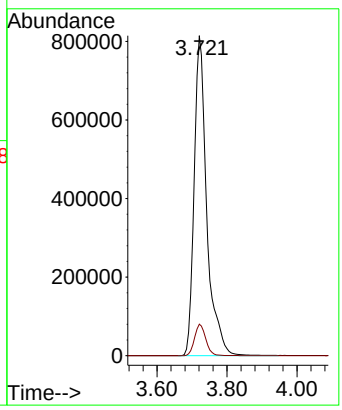


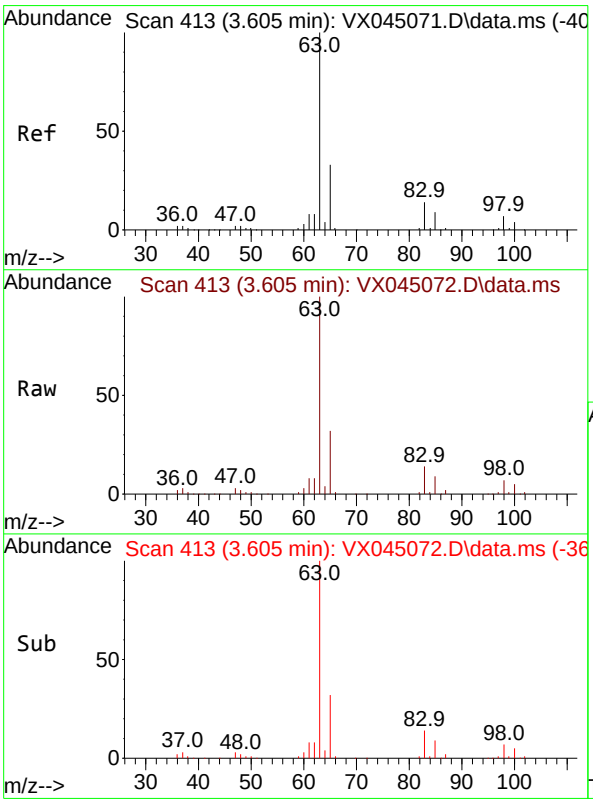
#23
Vinyl Acetate
Concen: 554.219 ug/l
RT: 3.721 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 2035880

Ion	Ratio	Lower	Upper
43	100		
86	9.9	8.1	12.1

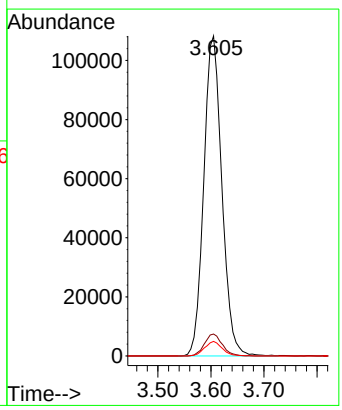


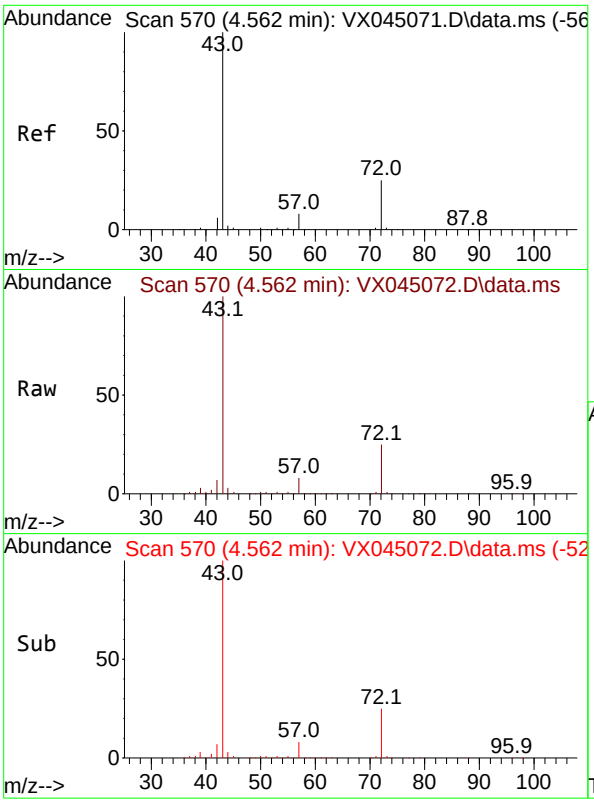


#24
1,1-Dichloroethane
Concen: 102.805 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 63 Resp: 257023

Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.4	10.2
100	4.6	2.1	6.5



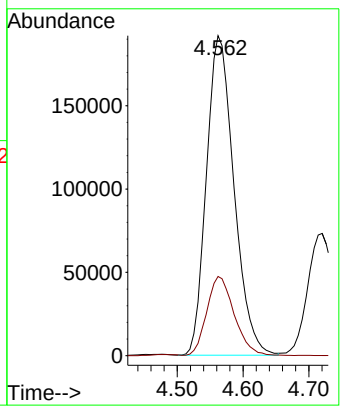


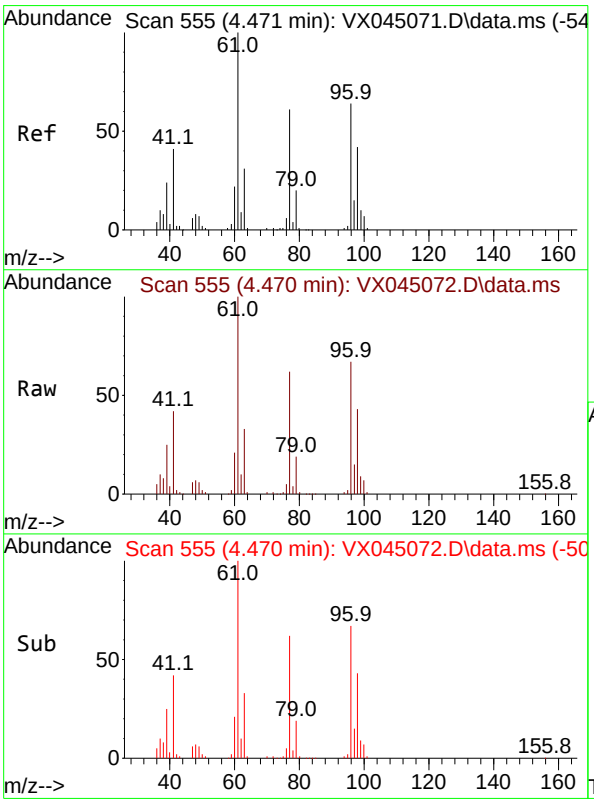
#25
2-Butanone
Concen: 563.952 ug/l
RT: 4.562 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 559182

Ion	Ratio	Lower	Upper
43	100		
72	24.6	20.0	30.0

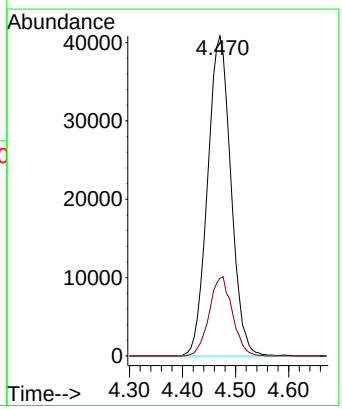


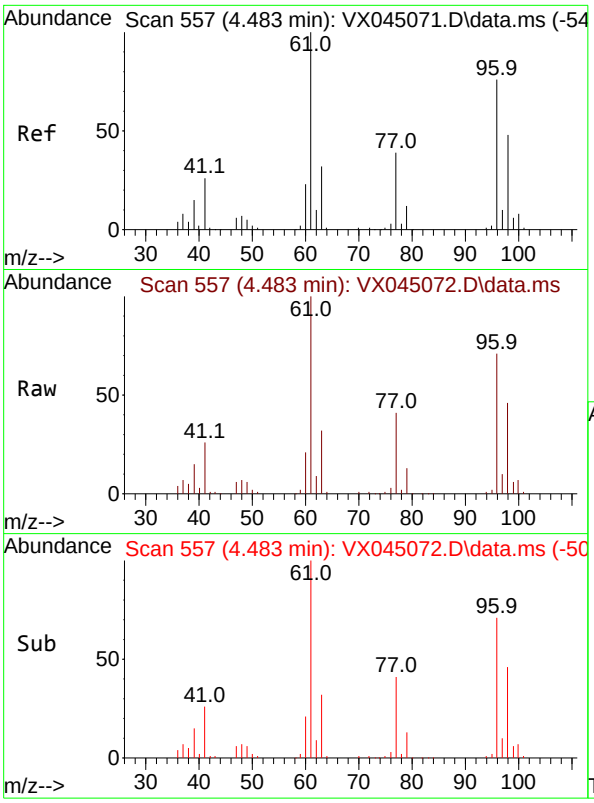


#26
2,2-Dichloropropane
Concen: 67.148 ug/l
RT: 4.470 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 77 Resp: 124805

Ion	Ratio	Lower	Upper
77	100		
97	24.6	12.4	37.0



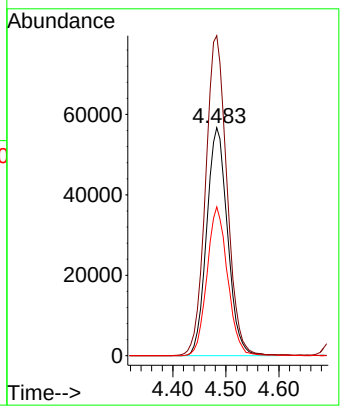


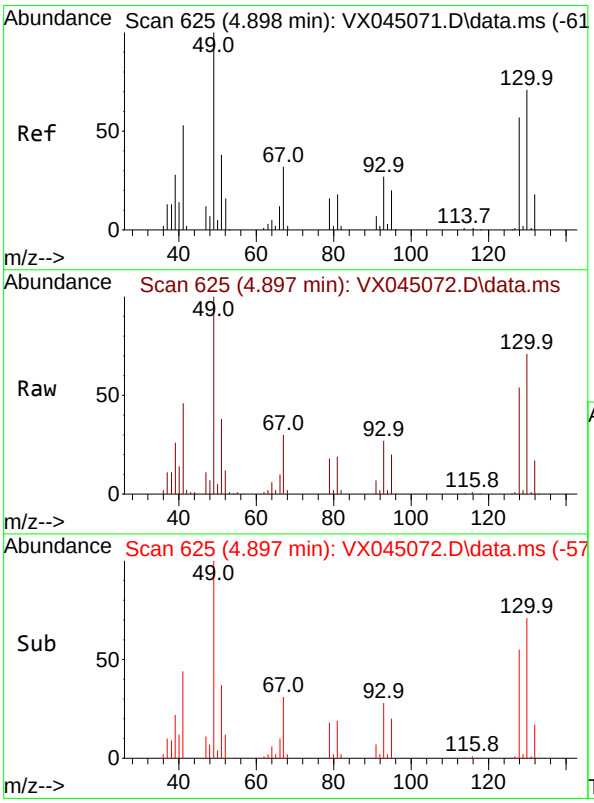
#27
cis-1,2-Dichloroethene
Concen: 100.568 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 96 Resp: 155193

Ion	Ratio	Lower	Upper
96	100		
61	143.8	0.0	283.2
98	64.3	0.0	128.0

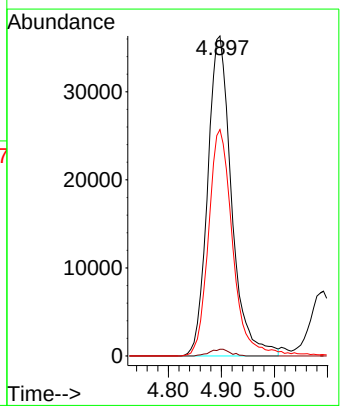


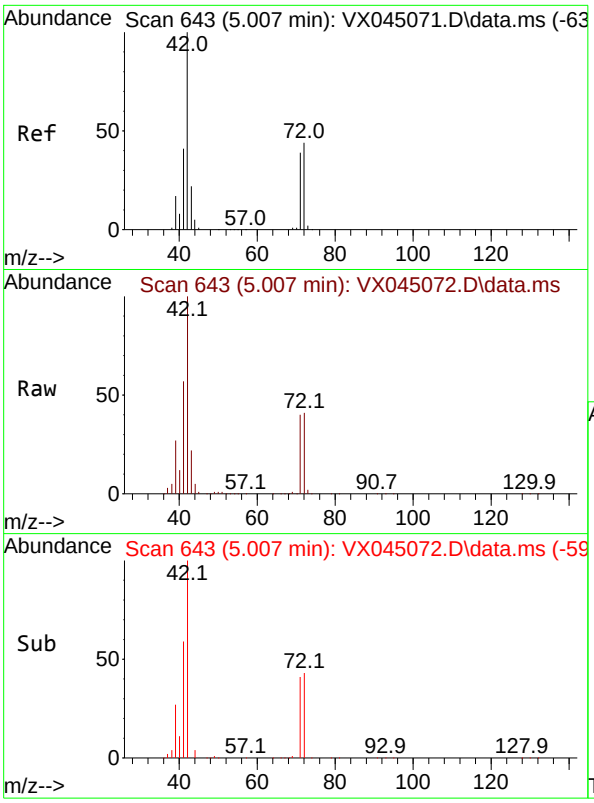


#28
Bromochloromethane
Concen: 94.428 ug/l
RT: 4.897 min Scan# 625
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 49 Resp: 113848

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.4
130	72.2	56.1	84.1



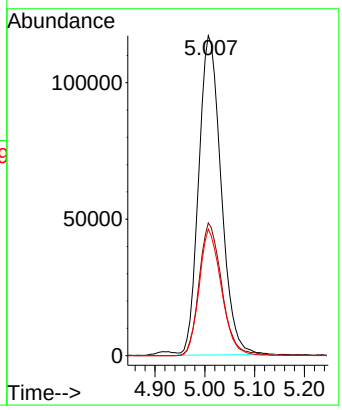


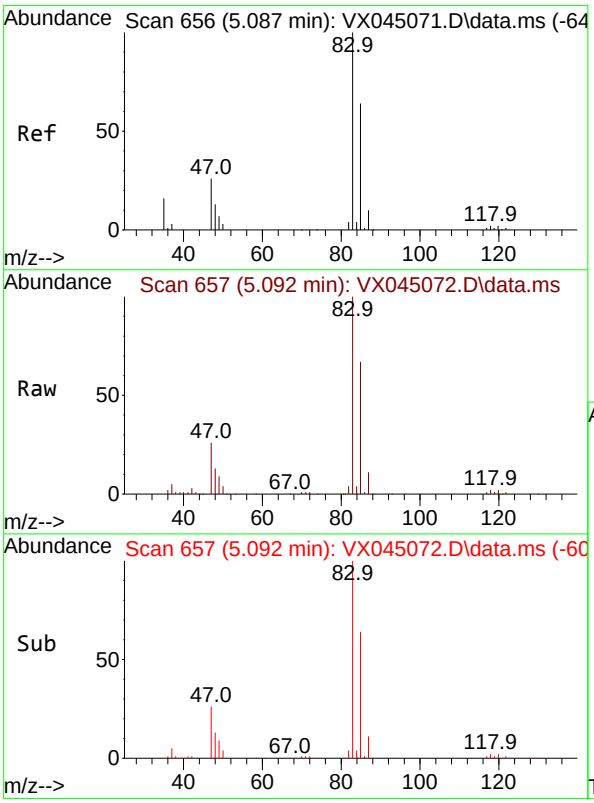
#29
Tetrahydrofuran
Concen: 556.465 ug/l
RT: 5.007 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 42 Resp: 365565

Ion	Ratio	Lower	Upper
42	100		
72	42.1	34.1	51.1
71	39.2	31.4	47.0

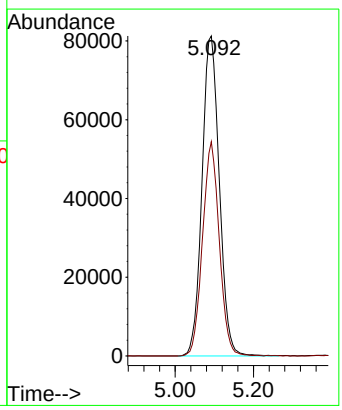


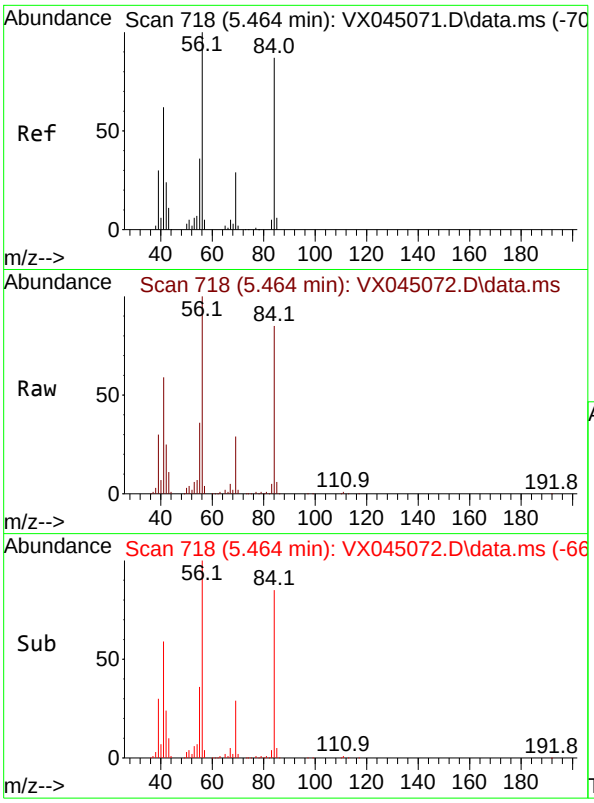


#30
Chloroform
Concen: 101.814 ug/l
RT: 5.092 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 83 Resp: 248978

Ion	Ratio	Lower	Upper
83	100		
85	66.9	51.4	77.2



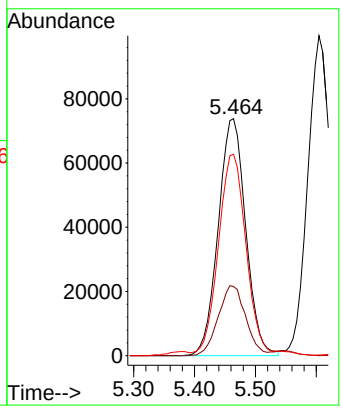


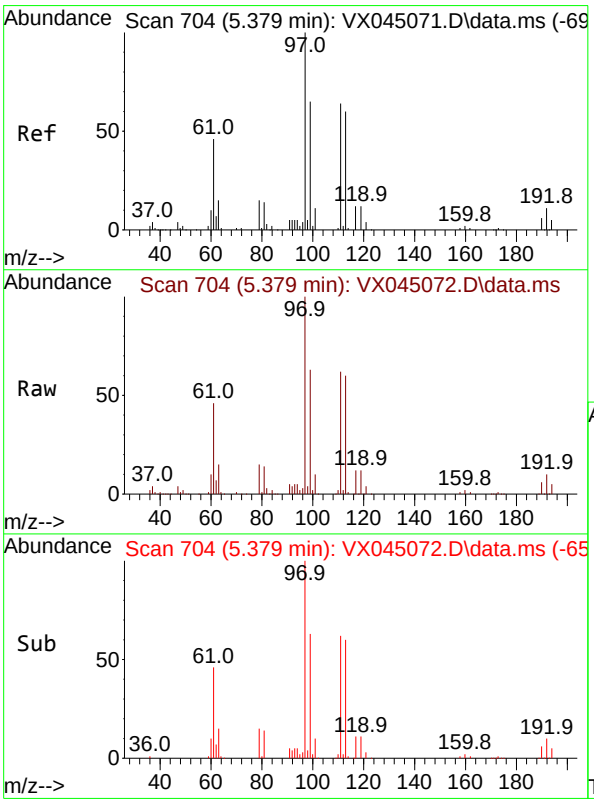
#31
Cyclohexane
Concen: 100.711 ug/l
RT: 5.464 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 56 Resp: 231082

Ion	Ratio	Lower	Upper
56	100		
69	29.1	23.4	35.2
84	83.3	69.4	104.2

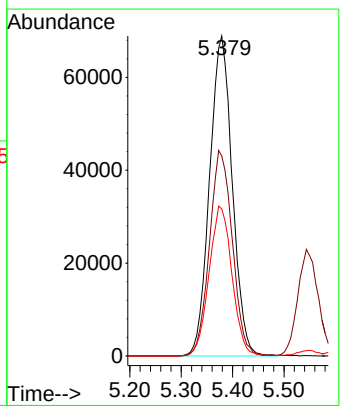


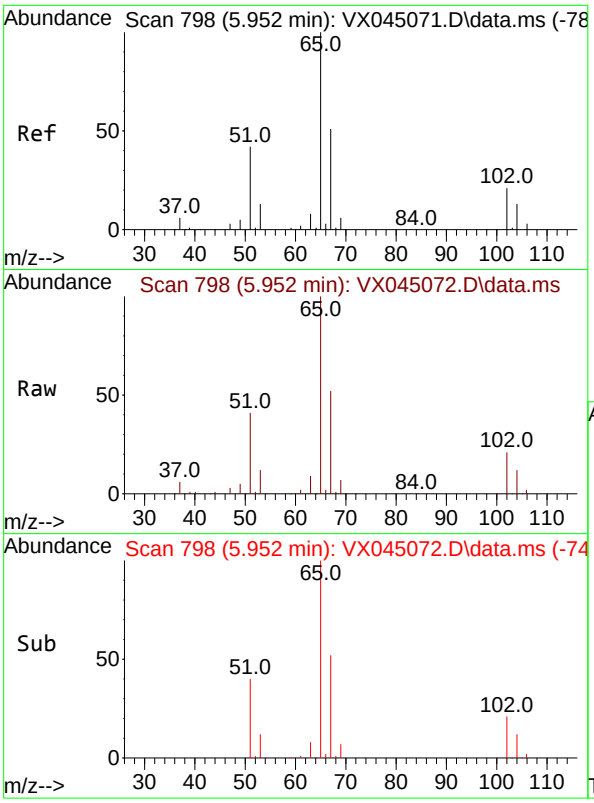


#32
1,1,1-Trichloroethane
Concen: 102.638 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 97 Resp: 211302

Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.6	77.4
61	47.3	38.4	57.6



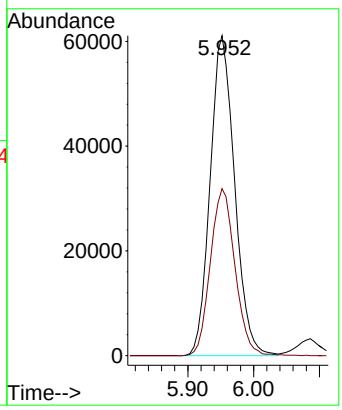


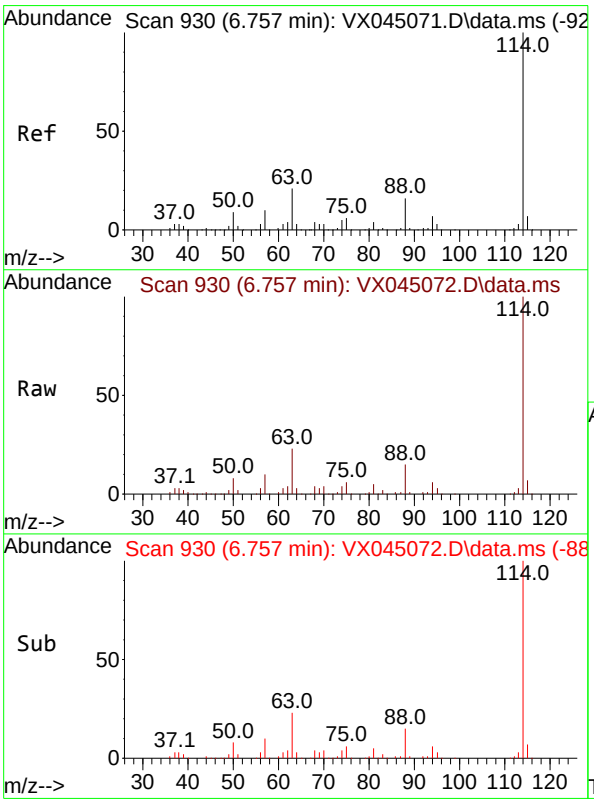
#33
1,2-Dichloroethane-d4
Concen: 106.011 ug/l
RT: 5.952 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 65 Resp: 158452

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	106.2

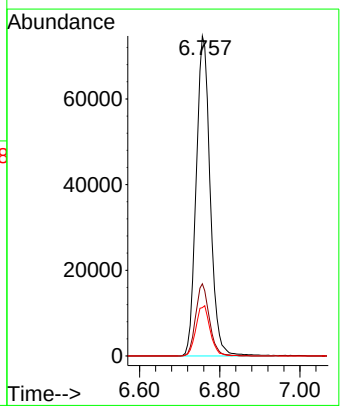


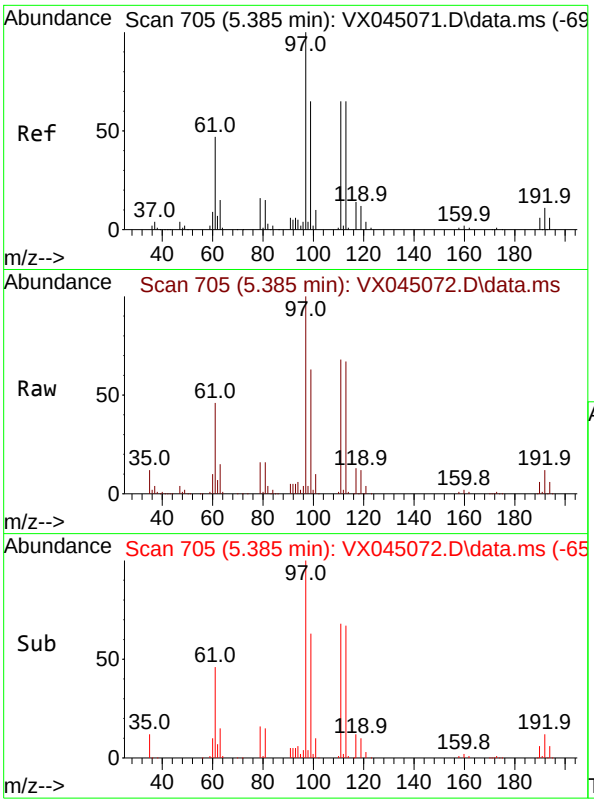


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion:114 Resp: 181031

Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	41.8
88	15.1	0.0	32.8



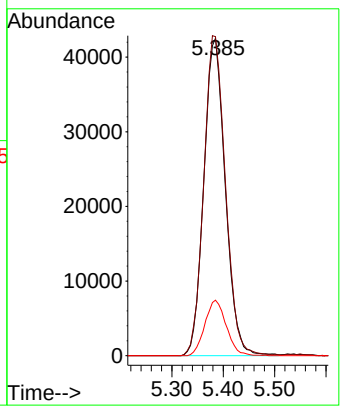


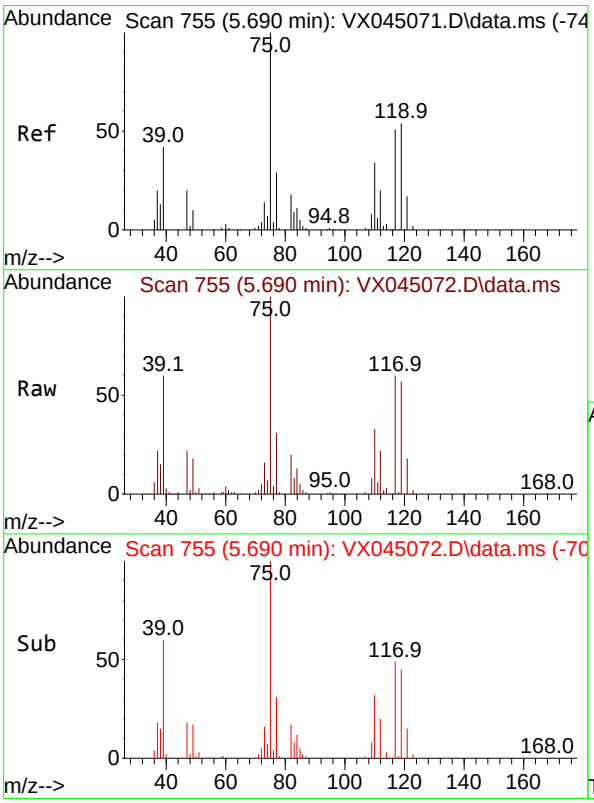
#35
Dibromofluoromethane
Concen: 104.110 ug/l
RT: 5.385 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:113 Resp: 123185

Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.8	122.6
192	17.5	14.3	21.5

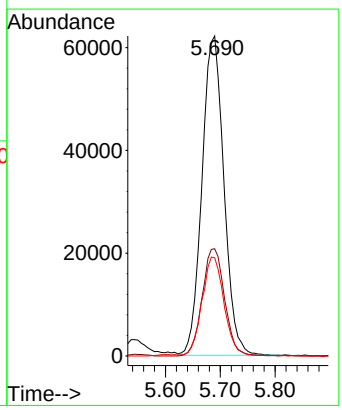


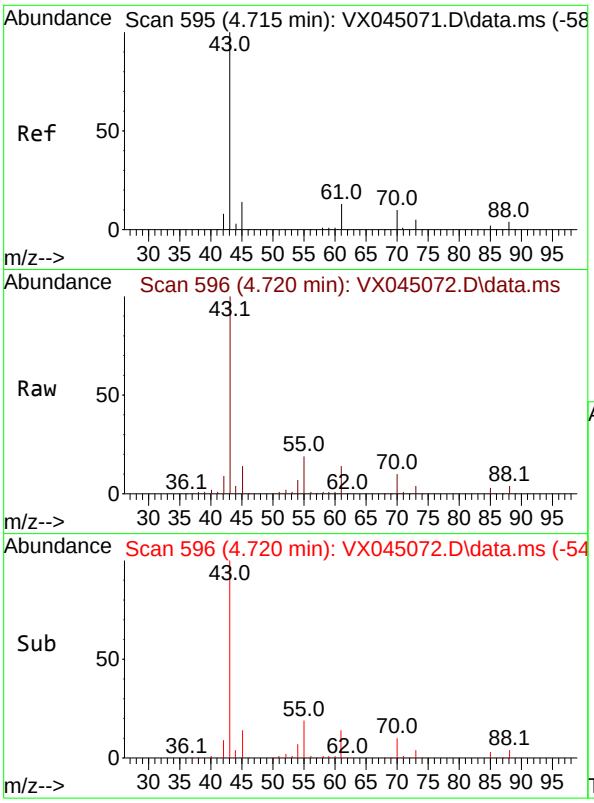


#36
1,1-Dichloropropene
Concen: 101.258 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 75 Resp: 172295

Ion	Ratio	Lower	Upper
75	100		
110	34.4	16.9	50.6
77	31.0	24.5	36.7



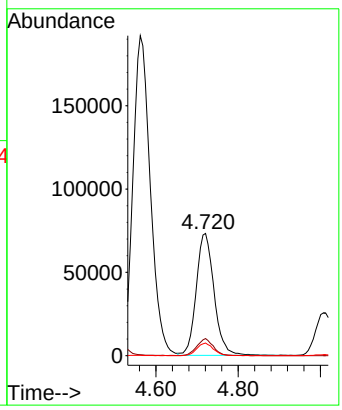


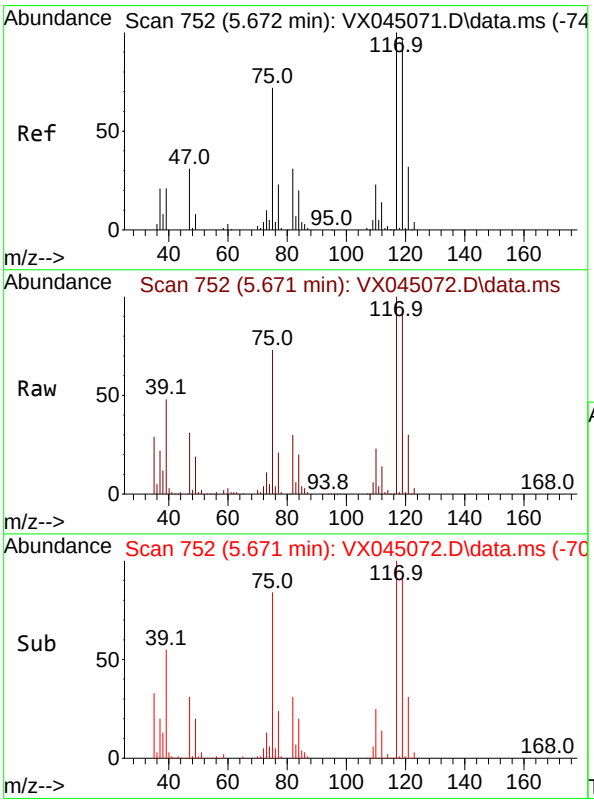
#37
Ethyl Acetate
Concen: 113.796 ug/l
RT: 4.720 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 220327

Ion	Ratio	Lower	Upper
43	100		
61	12.6	10.8	16.2
70	9.6	7.7	11.5

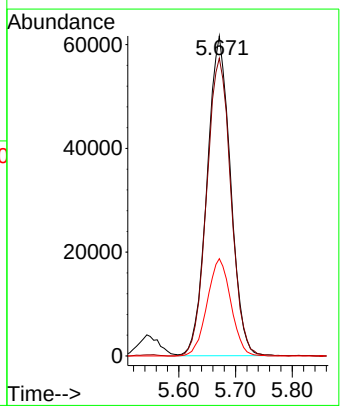


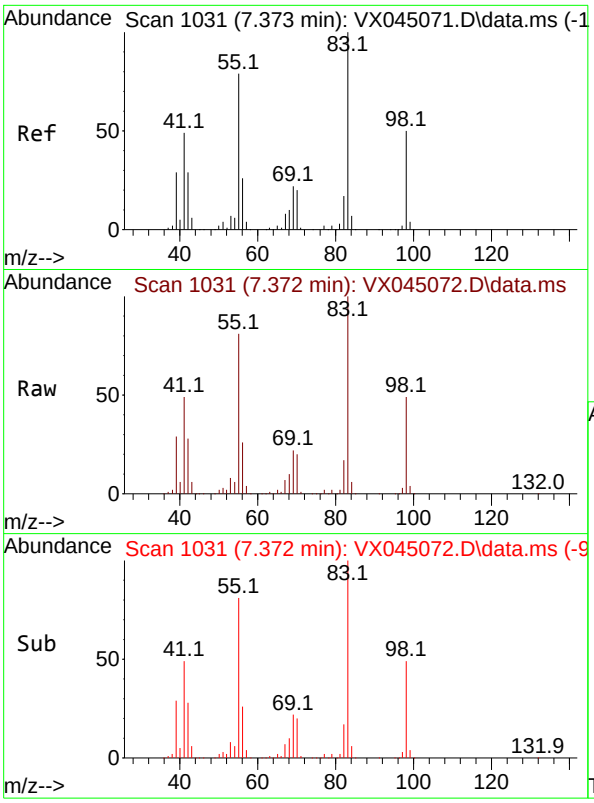


#38
Carbon Tetrachloride
Concen: 105.940 ug/l
RT: 5.671 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion:117 Resp: 177219

Ion	Ratio	Lower	Upper
117	100		
119	93.0	76.7	115.1
121	30.4	25.5	38.3



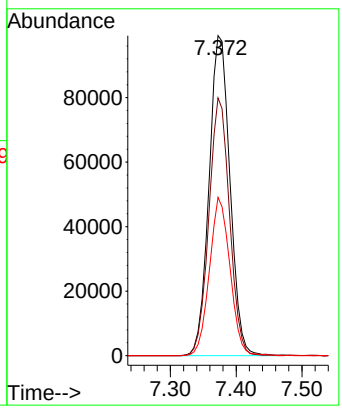


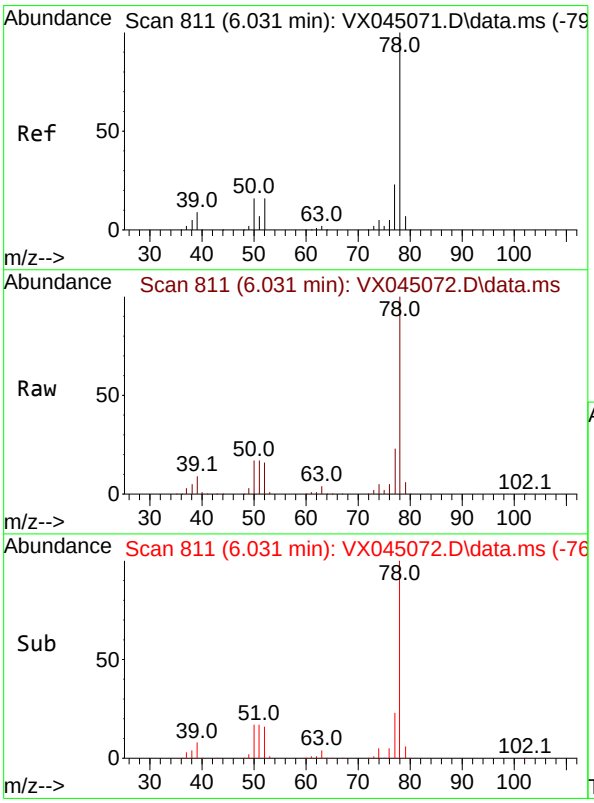
#39
Methylcyclohexane
Concen: 101.175 ug/l
RT: 7.372 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 219856

Ion	Ratio	Lower	Upper
83	100		
55	80.6	63.0	94.4
98	49.5	39.7	59.5

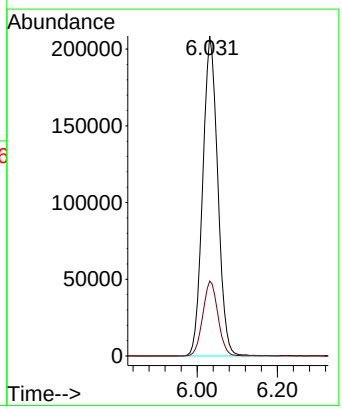


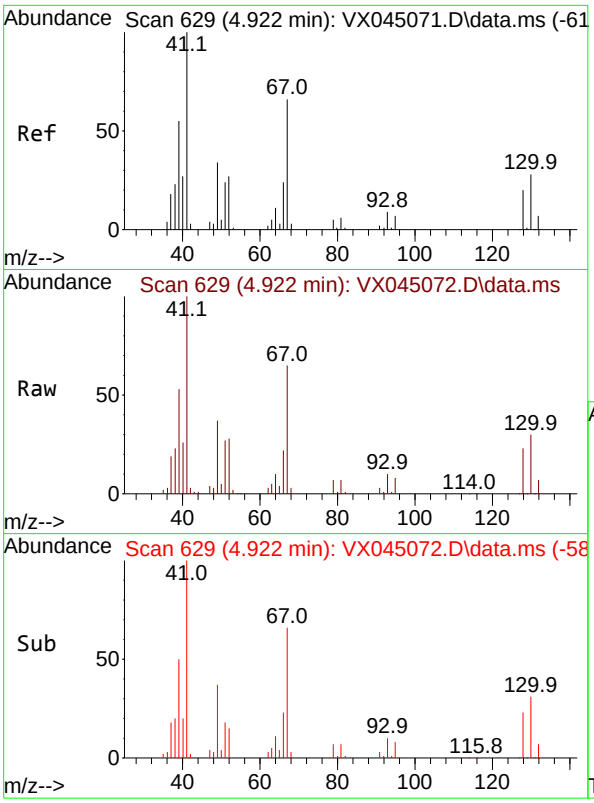


#40
Benzene
Concen: 101.908 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 78 Resp: 541974

Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.8	28.2



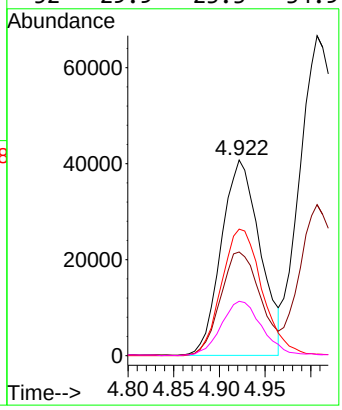


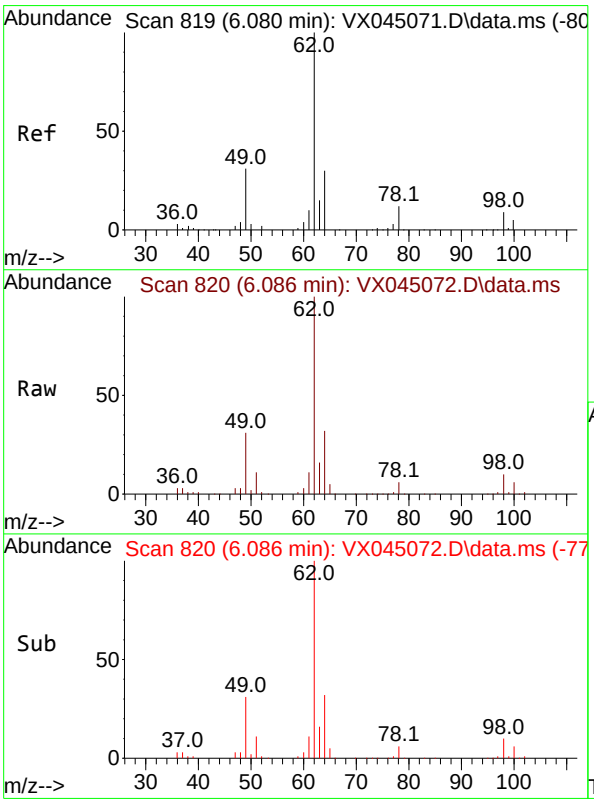
#41
Methacrylonitrile
Concen: 116.205 ug/l
RT: 4.922 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 41 Resp: 120186

Ion	Ratio	Lower	Upper
41	100		
39	54.3	44.6	67.0
67	68.3	53.9	80.9
52	29.9	23.3	34.9

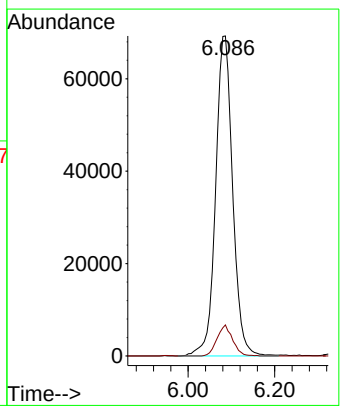


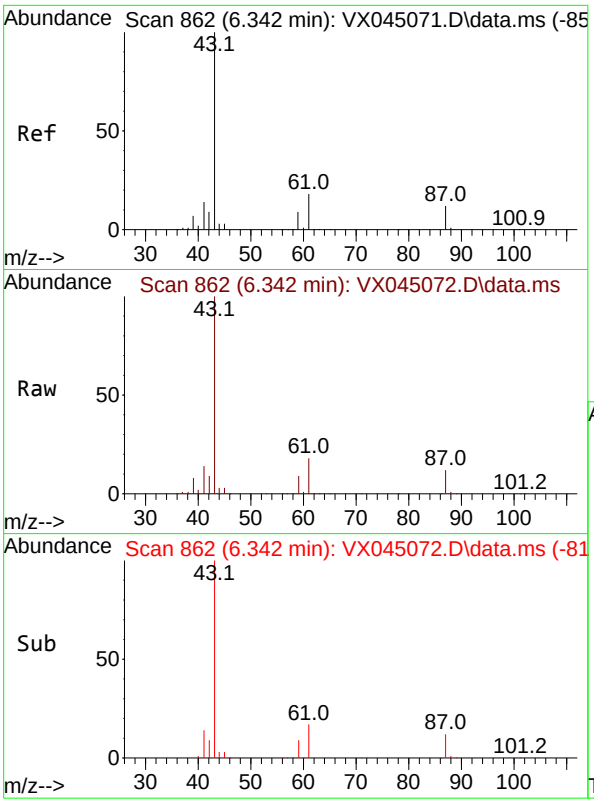


#42
1,2-Dichloroethane
Concen: 110.158 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 62 Resp: 189857

Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	18.2



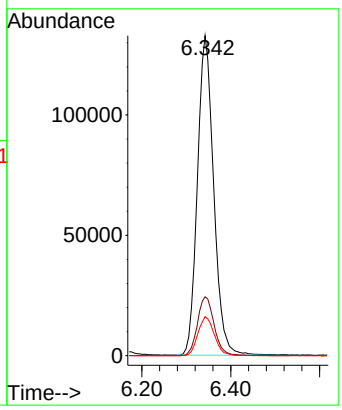


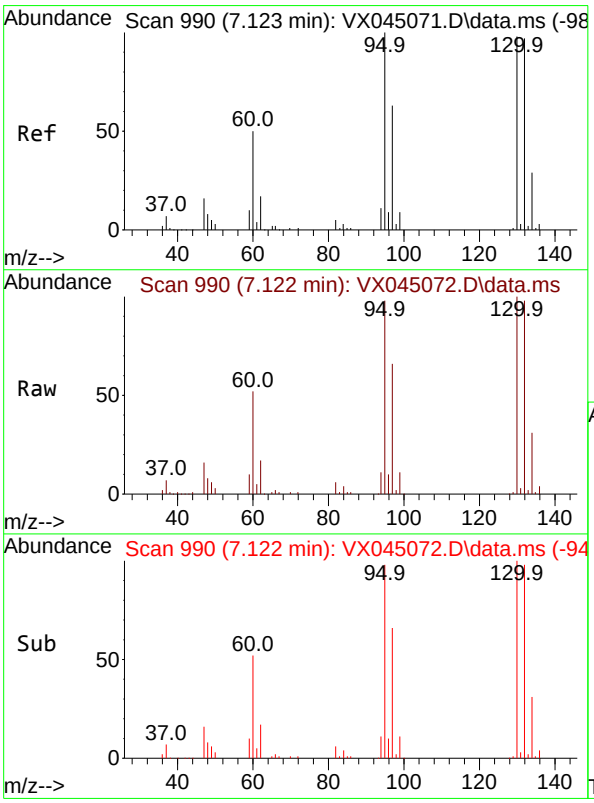
#43
Isopropyl Acetate
Concen: 109.806 ug/l
RT: 6.342 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 338414

Ion	Ratio	Lower	Upper
43	100		
61	18.9	14.9	22.3
87	12.3	9.4	14.2

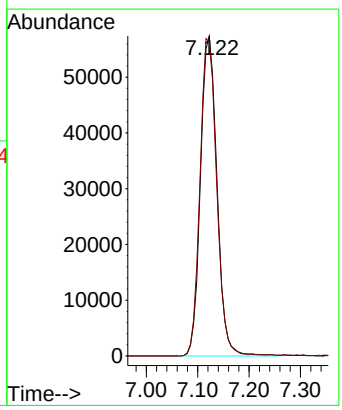


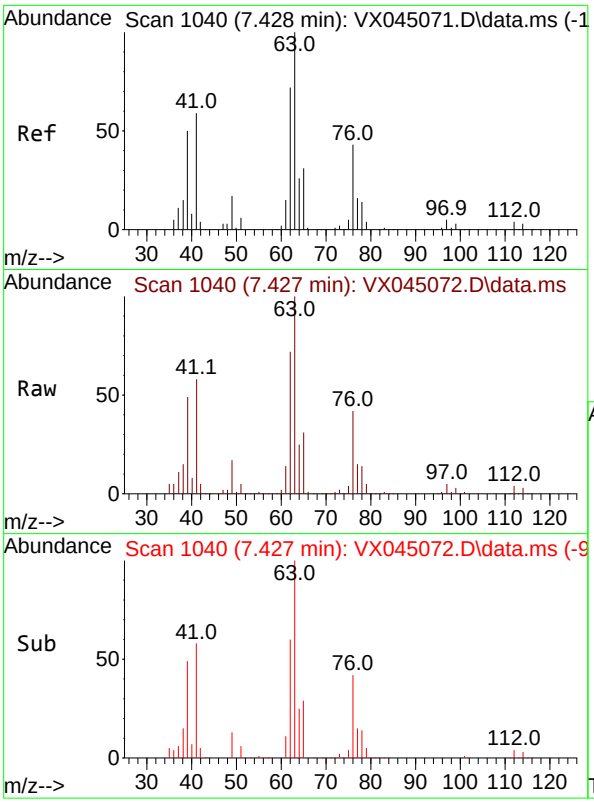


#44
Trichloroethene
Concen: 105.402 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion:130 Resp: 128124

Ion	Ratio	Lower	Upper
130	100		
95	98.1	0.0	205.0



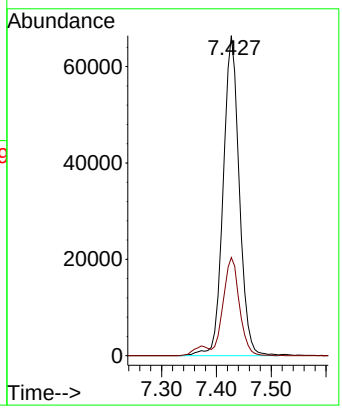


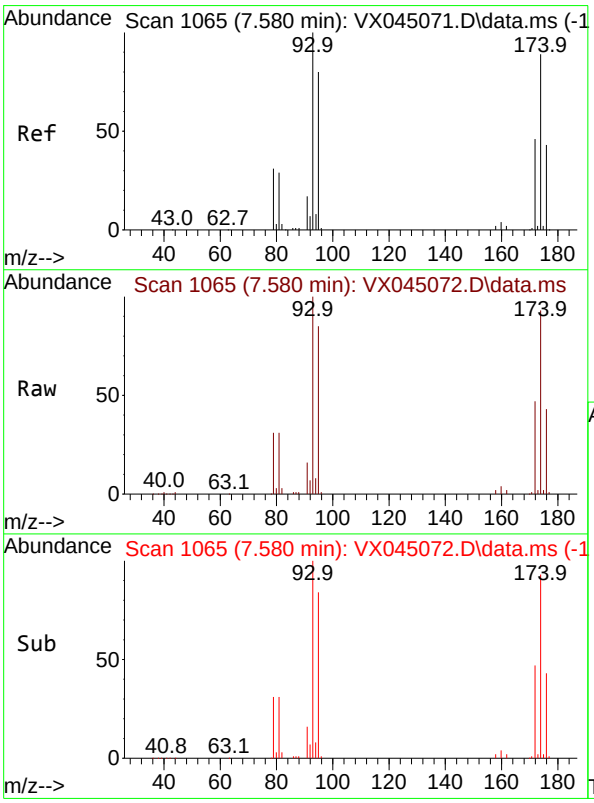
#45
1,2-Dichloropropane
Concen: 102.898 ug/l
RT: 7.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 63 Resp: 135997

Ion	Ratio	Lower	Upper
63	100		
65	30.7	24.7	37.1

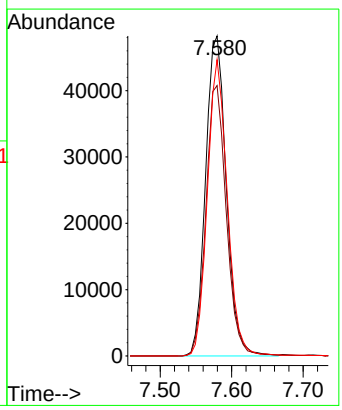


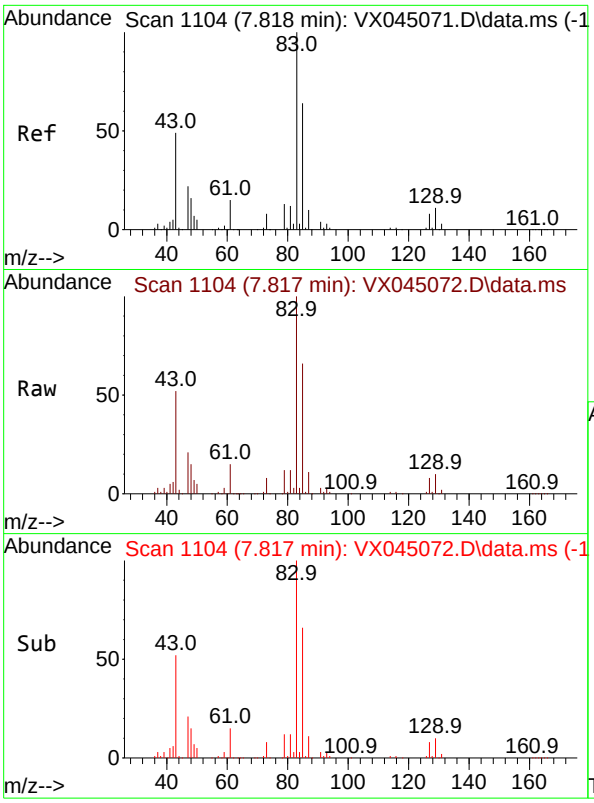


#46
Dibromomethane
Concen: 105.329 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 93 Resp: 97248

Ion	Ratio	Lower	Upper
93	100		
95	83.3	65.8	98.8
174	89.0	72.2	108.2



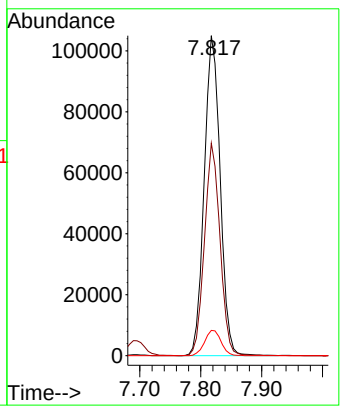


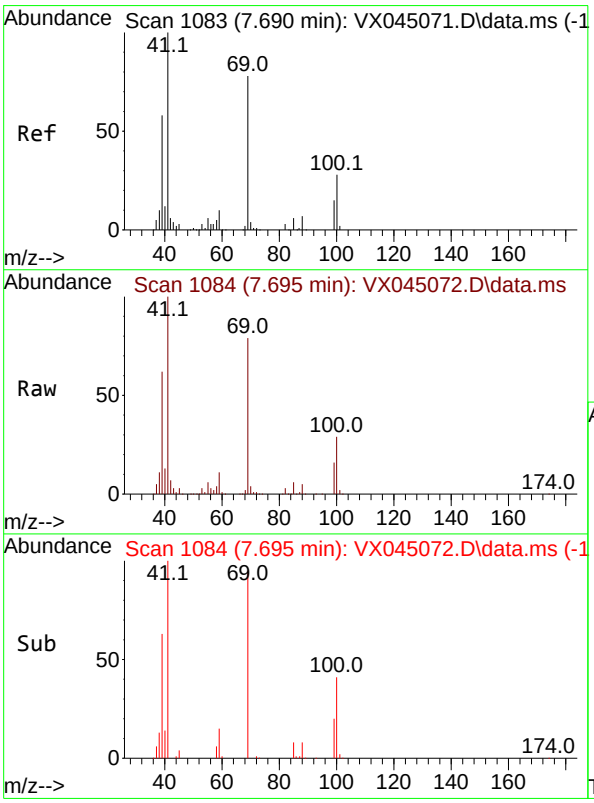
#47
Bromodichloromethane
Concen: 106.947 ug/l
RT: 7.817 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 191016

Ion	Ratio	Lower	Upper
83	100		
85	66.4	51.1	76.7
127	7.9	6.4	9.6

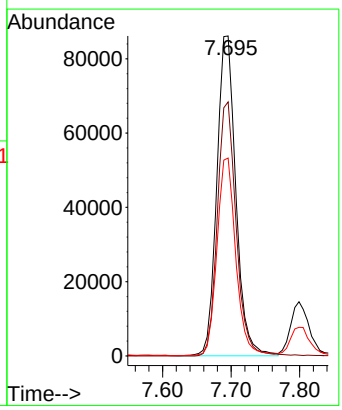


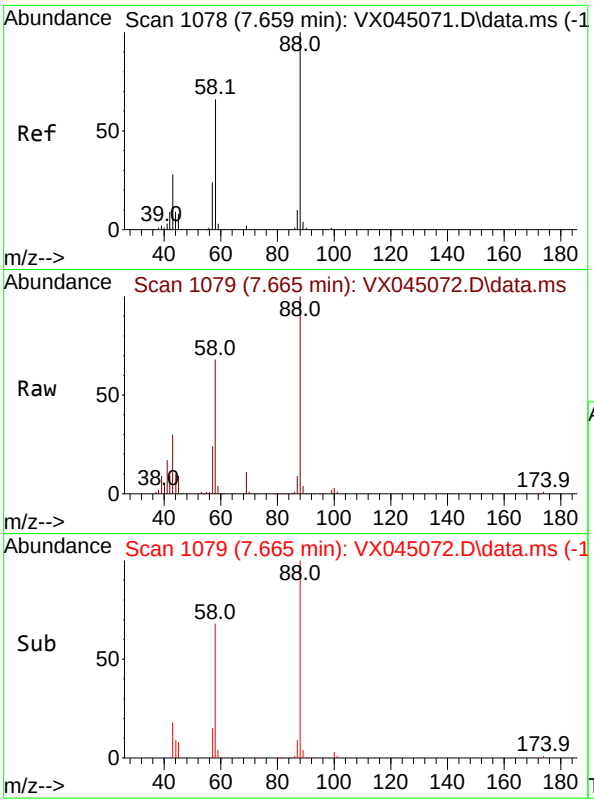


#48
Methyl methacrylate
Concen: 113.344 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 41 Resp: 165825

Ion	Ratio	Lower	Upper
41	100		
69	78.5	63.0	94.6
39	60.9	47.5	71.3



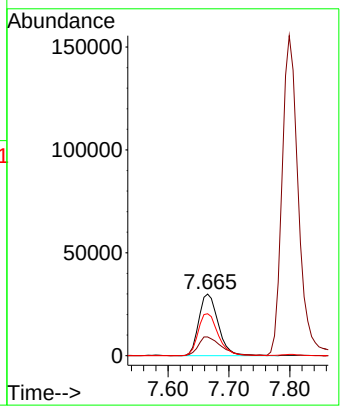


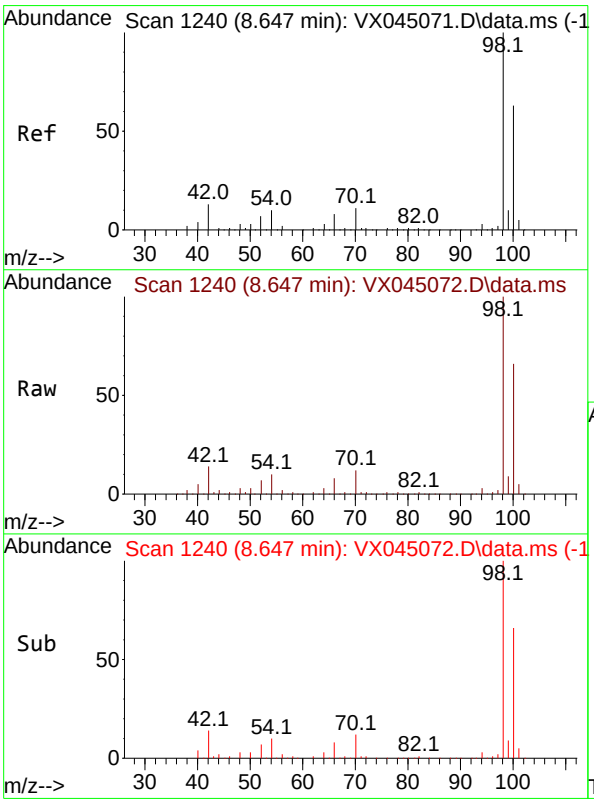
#49
1,4-Dioxane
Concen: 2132.314 ug/l
RT: 7.665 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 88 Resp: 66308

Ion	Ratio	Lower	Upper
88	100		
43	35.6	28.7	43.1
58	70.5	55.8	83.8

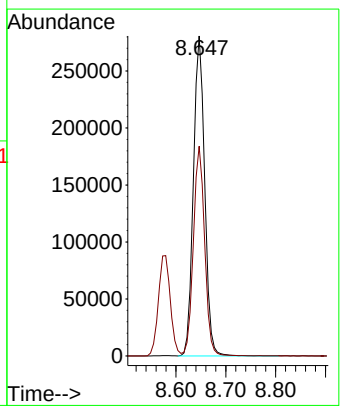


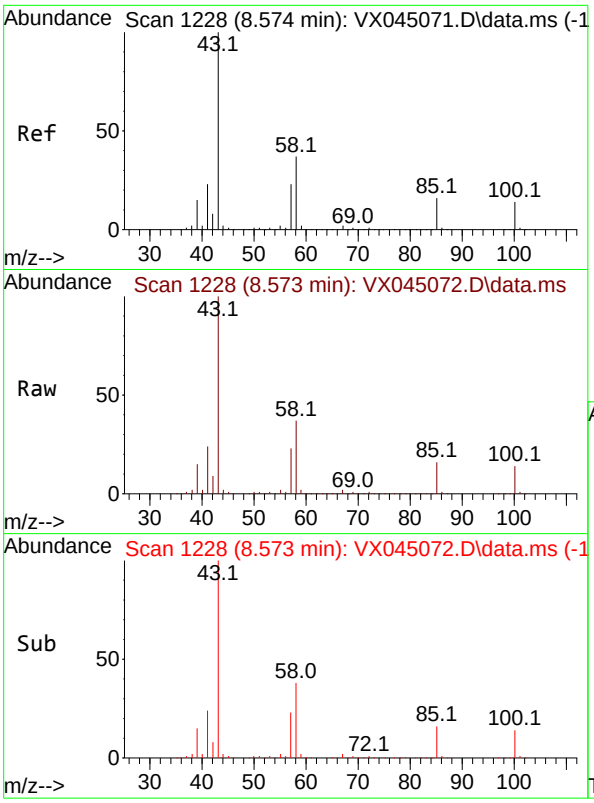


#50
Toluene-d8
Concen: 99.595 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 98 Resp: 441188

Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.0	78.0



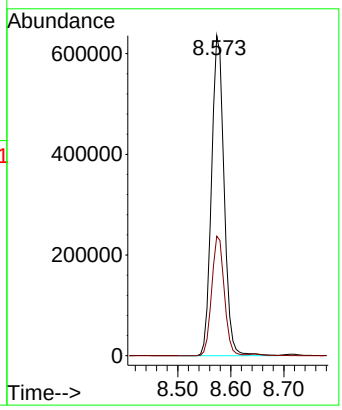


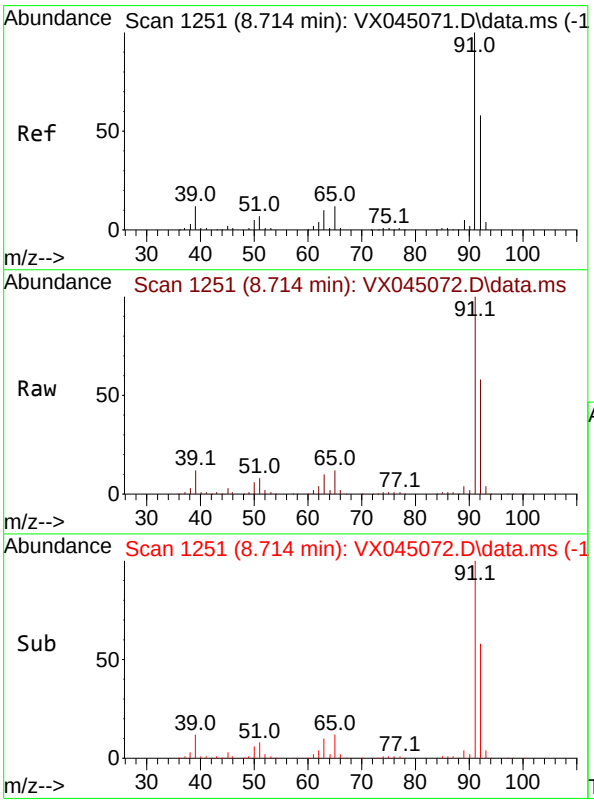
#51
4-Methyl-2-Pentanone
Concen: 555.050 ug/l
RT: 8.573 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 1048140

Ion	Ratio	Lower	Upper
43	100		
58	37.4	29.2	43.8

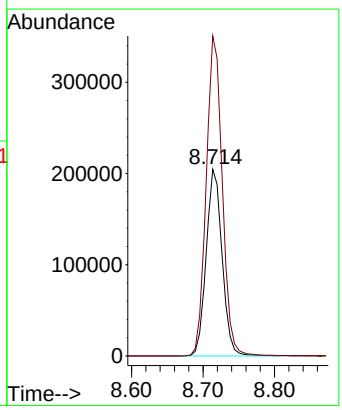


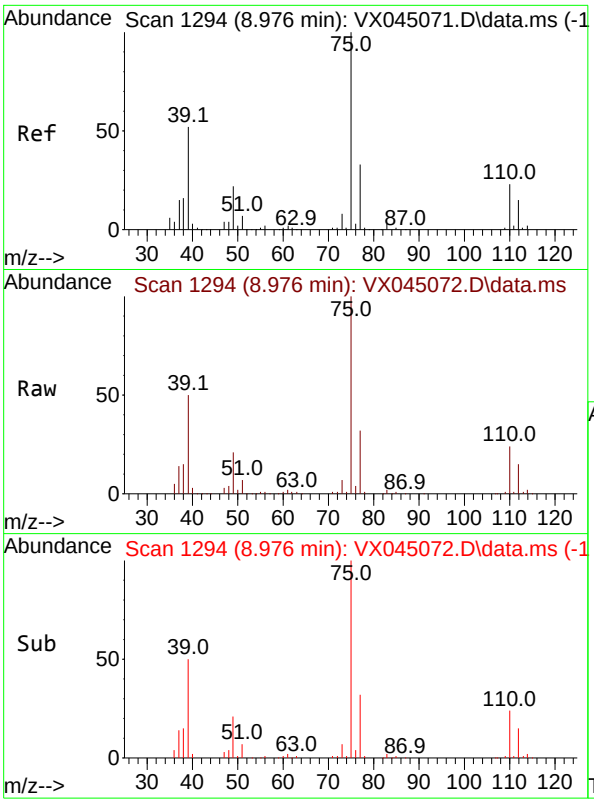


#52
Toluene
Concen: 100.178 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 92 Resp: 316349

Ion	Ratio	Lower	Upper
92	100		
91	173.2	138.9	208.3



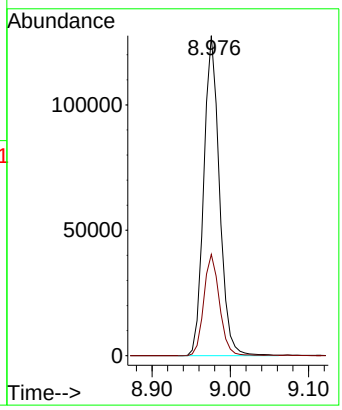


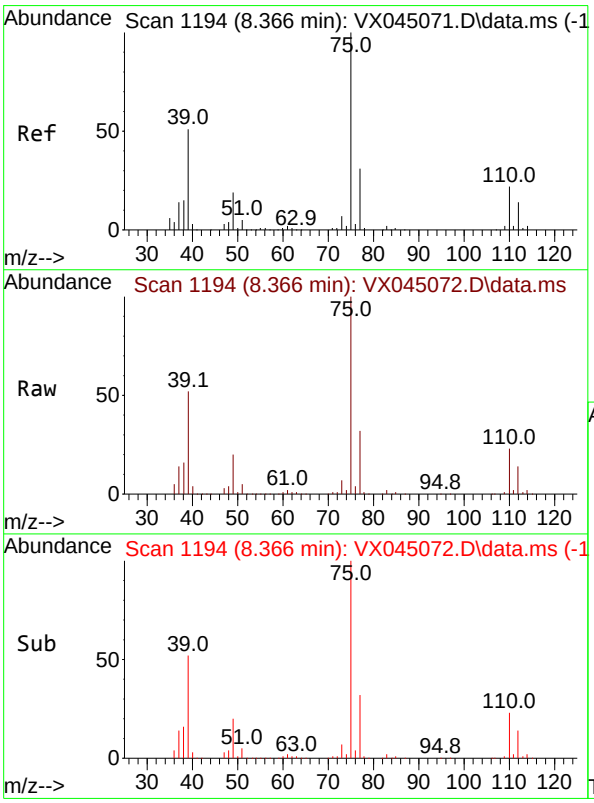
#53
t-1,3-Dichloropropene
Concen: 100.462 ug/l
RT: 8.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 177352

Ion	Ratio	Lower	Upper
75	100		
77	31.6	26.5	39.7

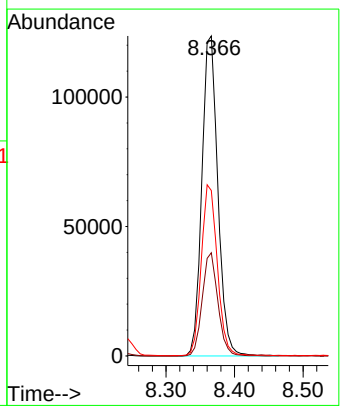


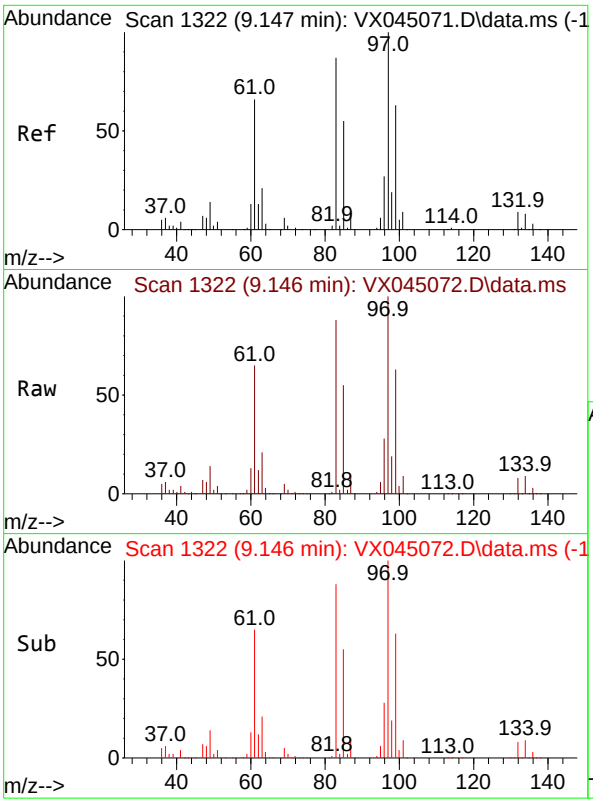


#54
cis-1,3-Dichloropropene
Concen: 101.815 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 75 Resp: 200943

Ion	Ratio	Lower	Upper
75	100		
77	32.2	24.7	37.1
39	51.6	40.7	61.1



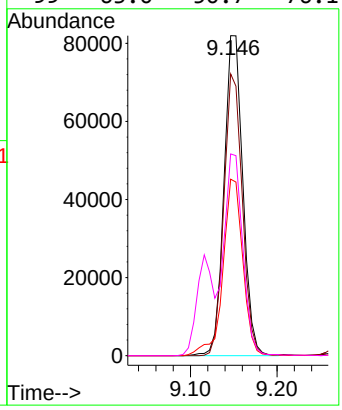


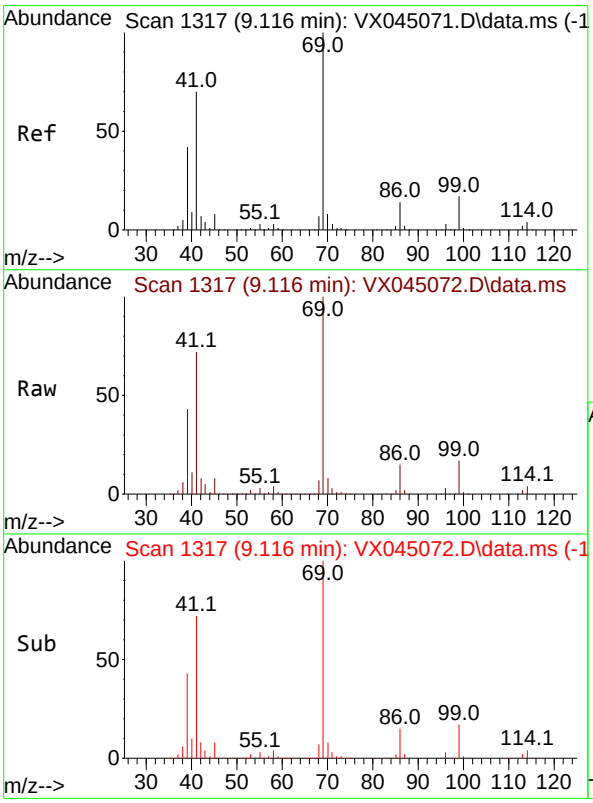
#55
1,1,2-Trichloroethane
Concen: 100.920 ug/l
RT: 9.146 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 97 Resp: 123426

Ion	Ratio	Lower	Upper
97	100		
83	88.0	69.4	104.2
85	55.1	44.1	66.1
99	63.0	50.7	76.1

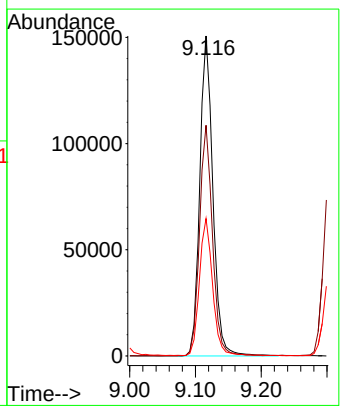


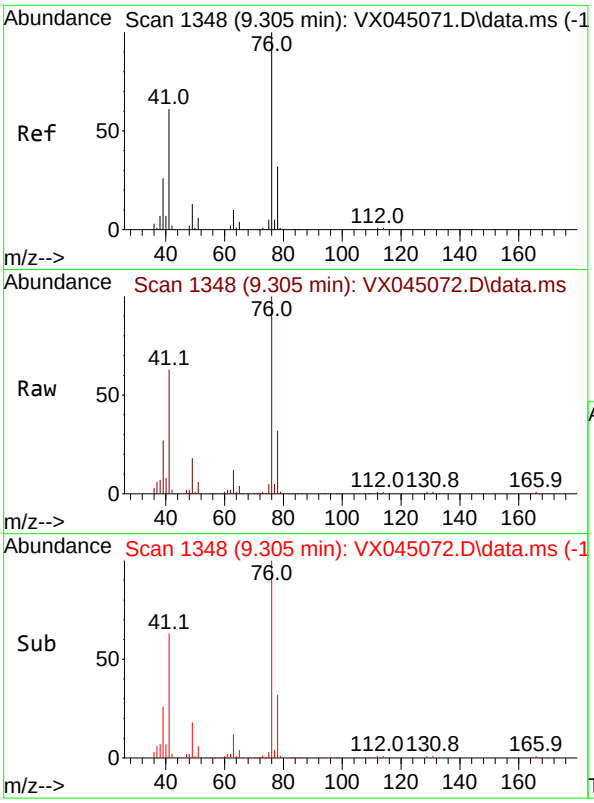


#56
Ethyl methacrylate
Concen: 106.744 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 69 Resp: 208782

Ion	Ratio	Lower	Upper
69	100		
41	71.3	57.0	85.4
39	43.0	34.2	51.4



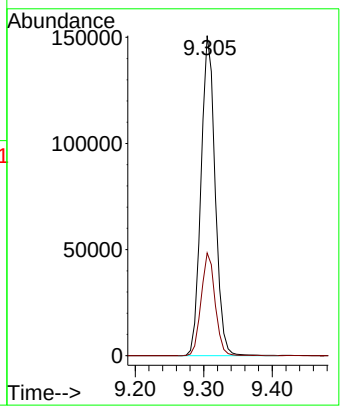


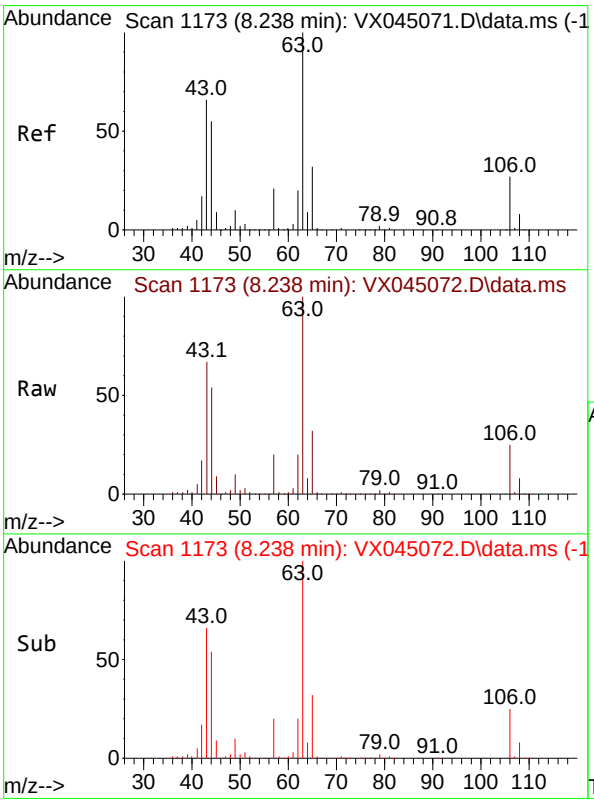
#57
1,3-Dichloropropane
Concen: 101.387 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 76 Resp: 216267

Ion	Ratio	Lower	Upper
76	100		
78	31.8	25.5	38.3

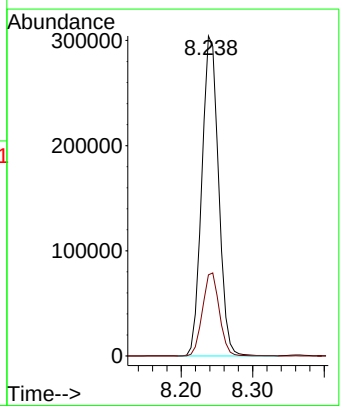


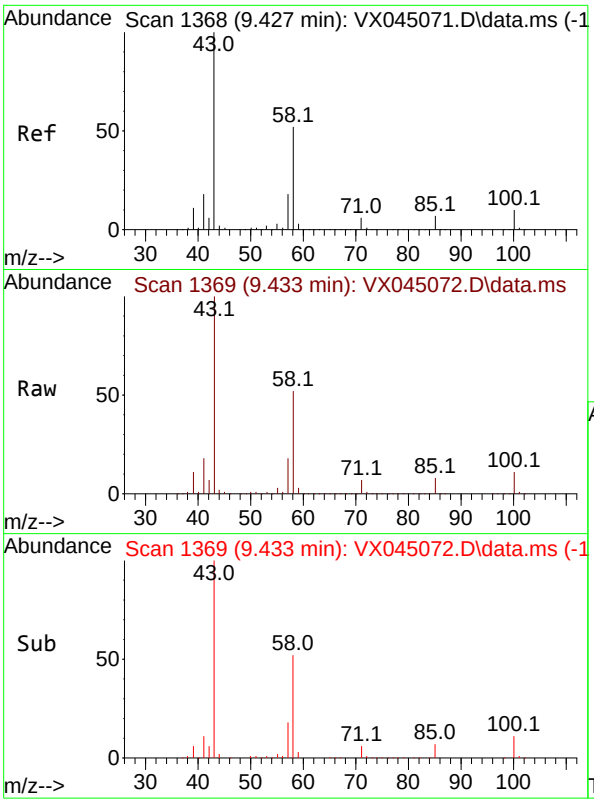


#58
2-Chloroethyl Vinyl ether
Concen: 514.987 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 63 Resp: 494551

Ion	Ratio	Lower	Upper
63	100		
106	26.1	21.5	32.3



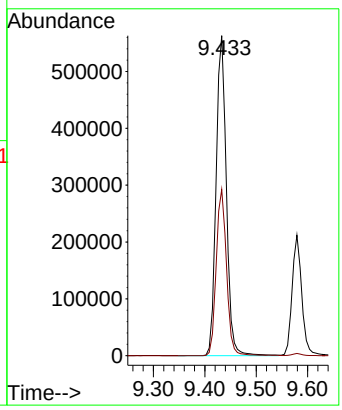


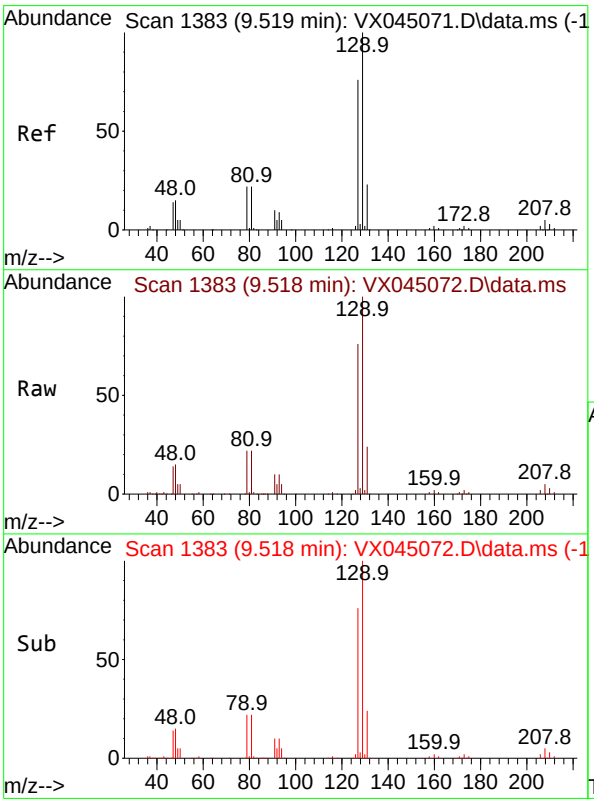
#59
2-Hexanone
Concen: 572.233 ug/l
RT: 9.433 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 779492

Ion	Ratio	Lower	Upper
43	100		
58	52.2	25.9	77.6

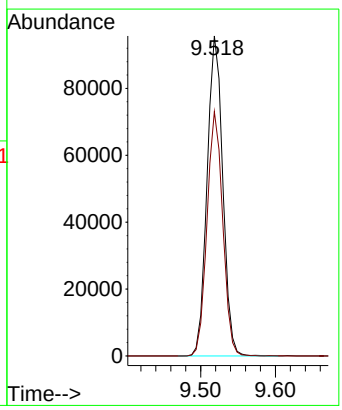


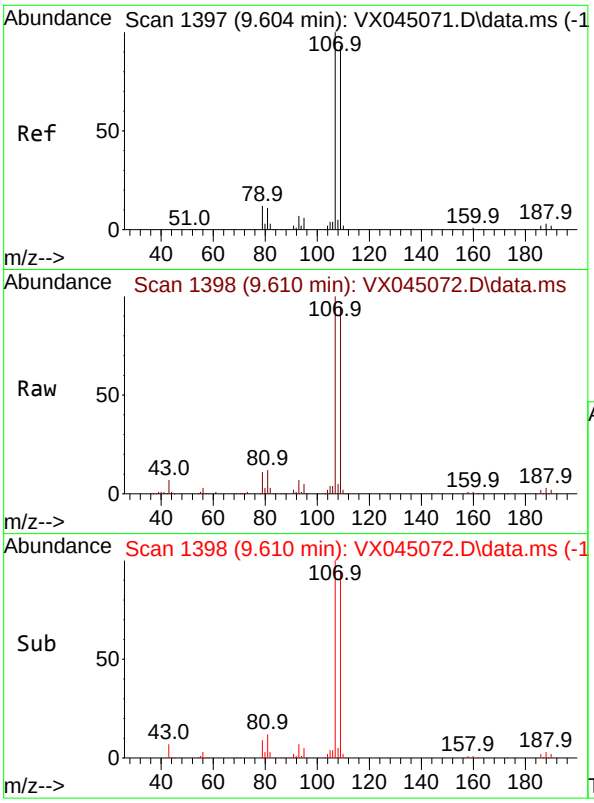


#60
Dibromochloromethane
Concen: 106.719 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion:129 Resp: 139245

Ion	Ratio	Lower	Upper
129	100		
127	76.3	38.5	115.5



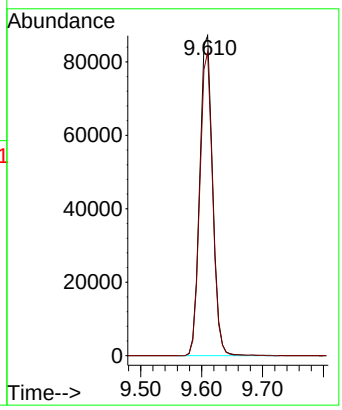


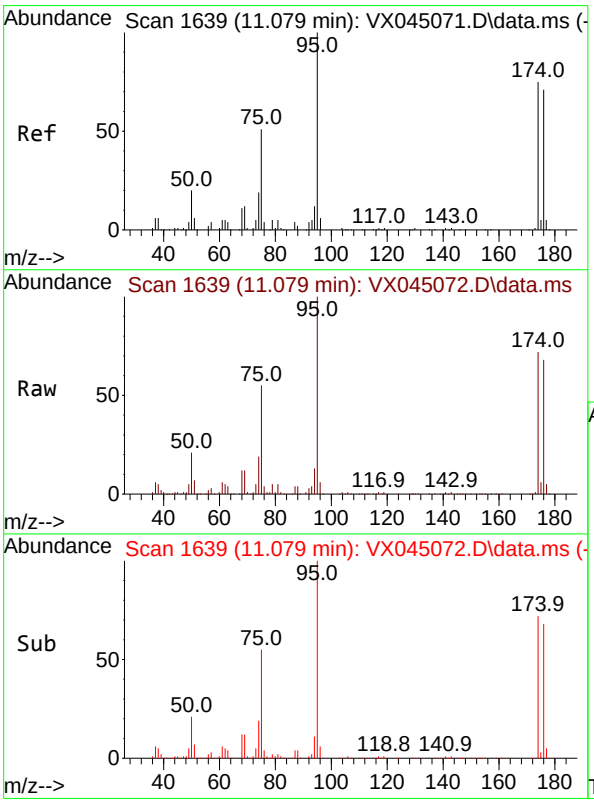
#61
1,2-Dibromoethane
Concen: 104.259 ug/l
RT: 9.610 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:107 Resp: 128617

Ion	Ratio	Lower	Upper
107	100		
109	94.3	76.1	114.1

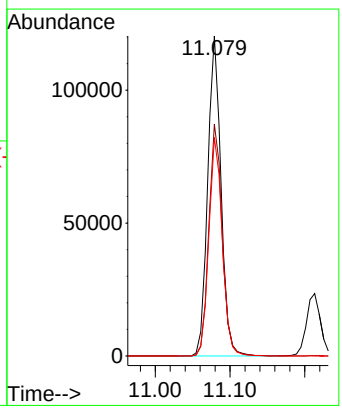


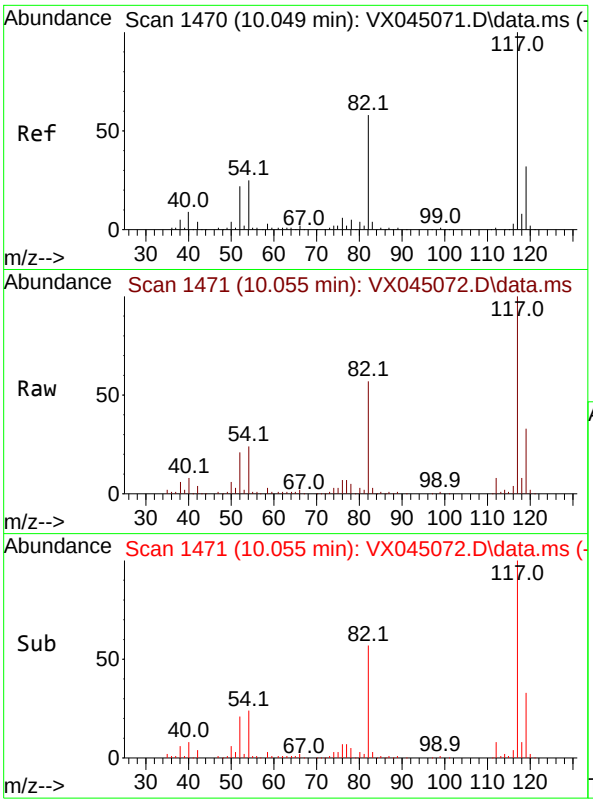


#62
4-Bromofluorobenzene
Concen: 100.365 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 95 Resp: 148476

Ion	Ratio	Lower	Upper
95	100		
174	73.0	0.0	148.2
176	69.2	0.0	141.4



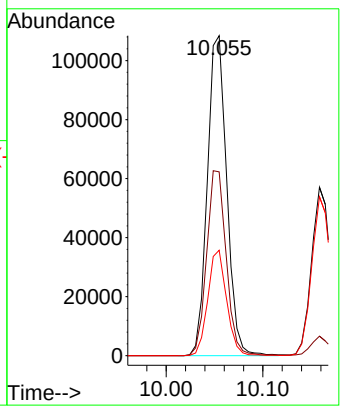


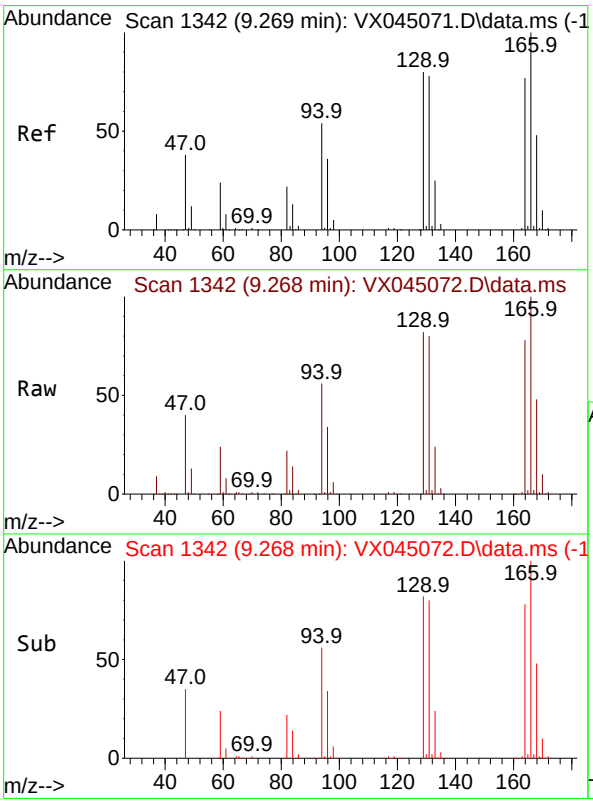
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:117 Resp: 151175

Ion	Ratio	Lower	Upper
117	100		
82	57.5	46.3	69.5
119	33.0	25.7	38.5

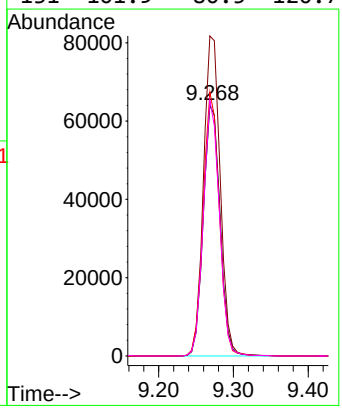


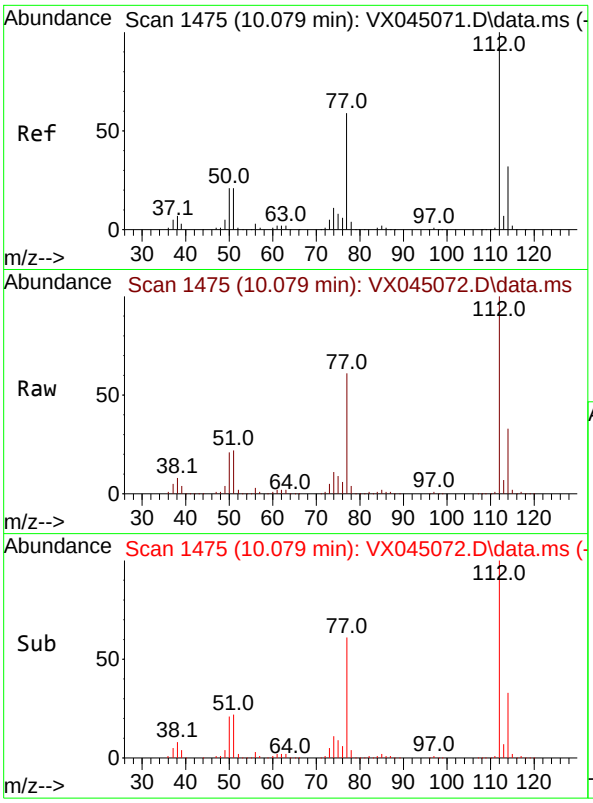


#64
Tetrachloroethene
Concen: 103.491 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion:164 Resp: 99386

Ion	Ratio	Lower	Upper
164	100		
166	127.6	103.6	155.4
129	105.2	82.7	124.1
131	101.9	80.5	120.7



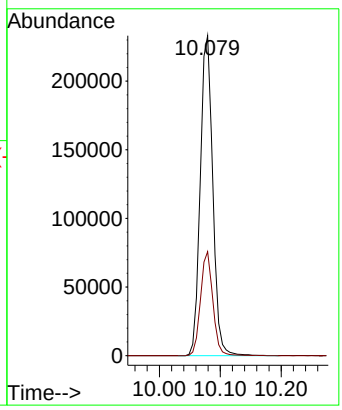


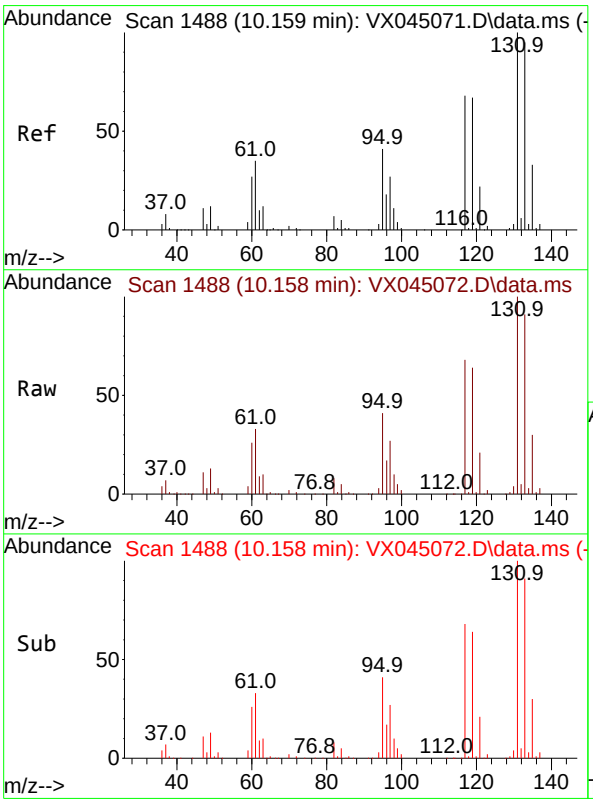
#65
Chlorobenzene
Concen: 102.456 ug/l
RT: 10.079 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:112 Resp: 332473

Ion	Ratio	Lower	Upper
112	100		
114	32.5	26.0	39.0

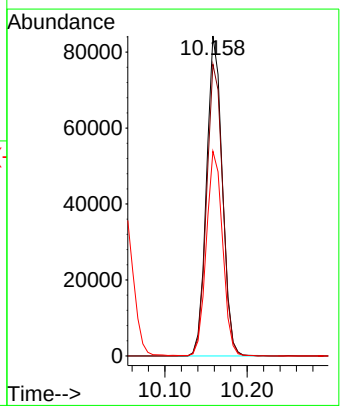


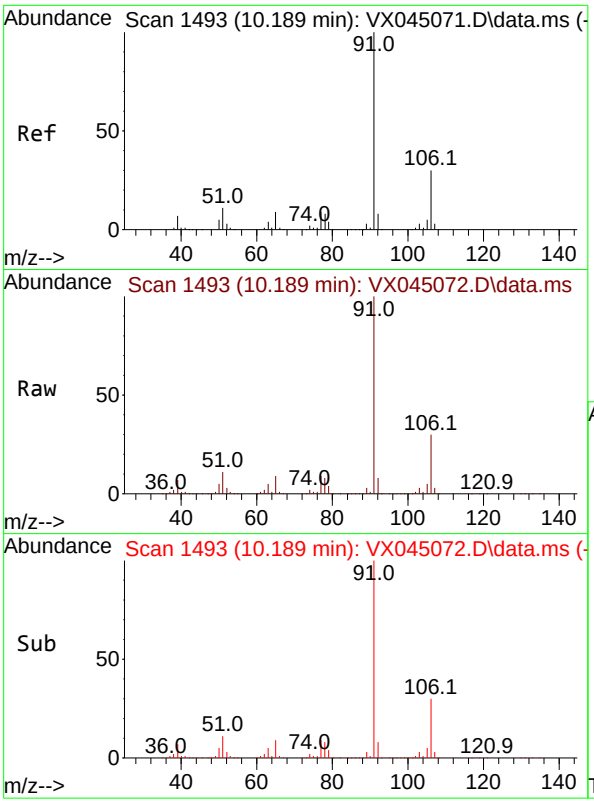


#66
1,1,1,2-Tetrachloroethane
Concen: 107.511 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion:131 Resp: 112451

Ion	Ratio	Lower	Upper
131	100		
133	93.1	48.6	145.9
119	65.8	33.9	101.7



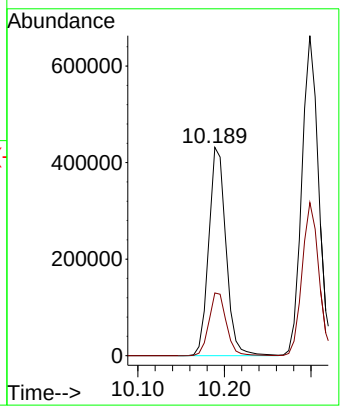


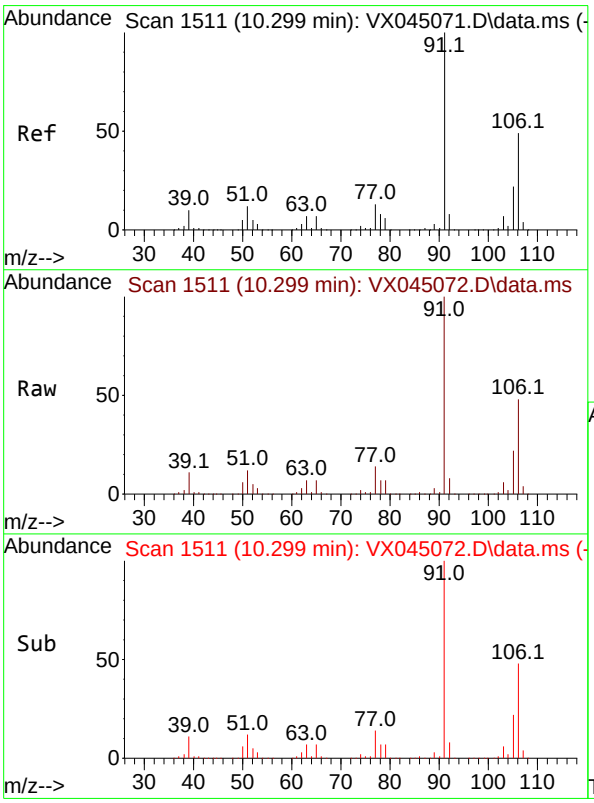
#67
Ethyl Benzene
Concen: 103.905 ug/l
RT: 10.189 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 596257

Ion	Ratio	Lower	Upper
91	100		
106	30.1	23.9	35.9

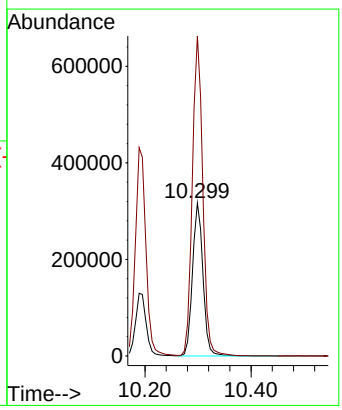


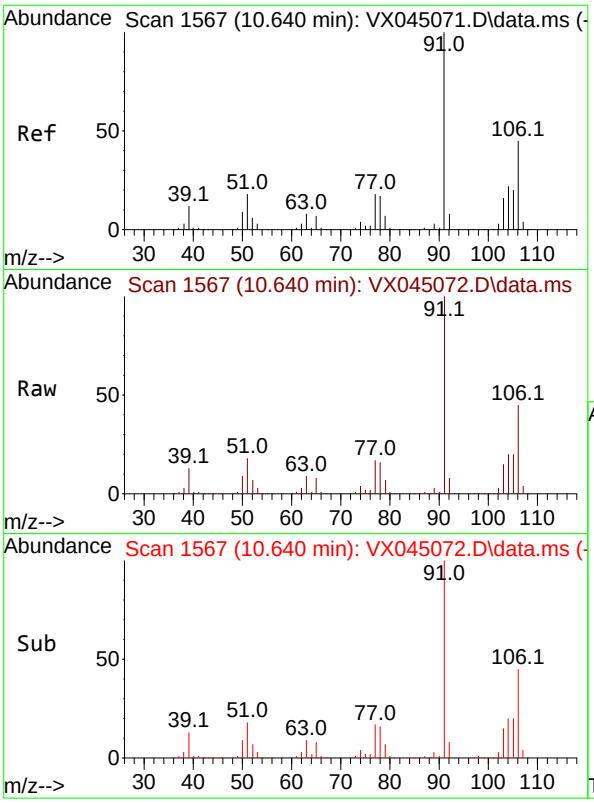


#68
m/p-Xylenes
Concen: 204.507 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion:106 Resp: 432214

Ion	Ratio	Lower	Upper
106	100		
91	208.9	165.4	248.0



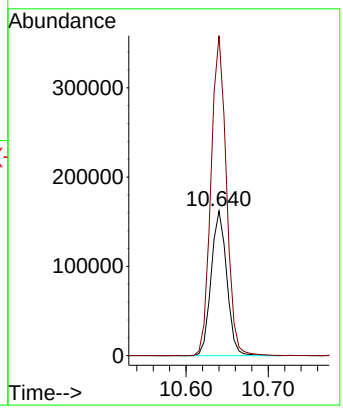


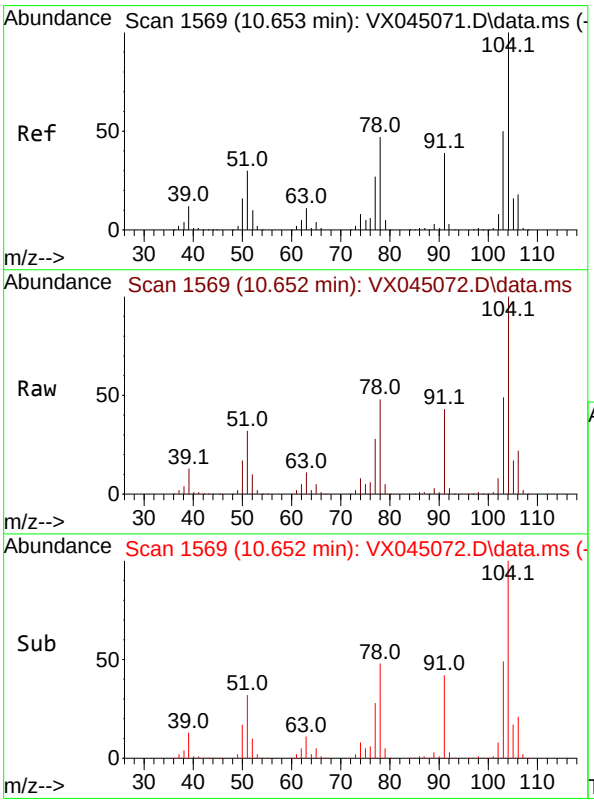
#69
o-Xylene
Concen: 100.849 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 213835

Ion	Ratio	Lower	Upper
106	100		
91	218.2	109.9	329.6

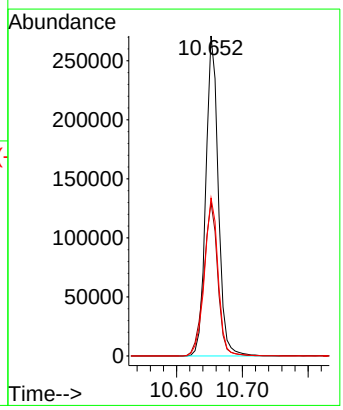


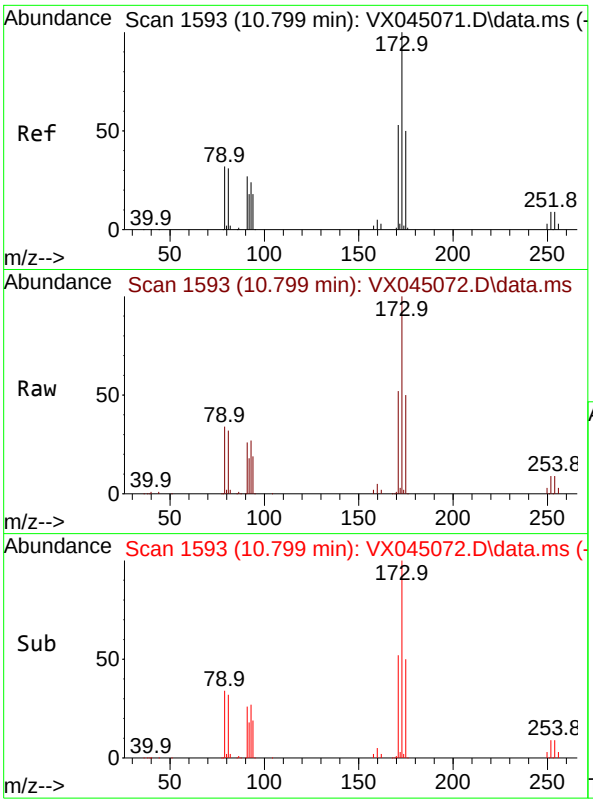


#70
Styrene
Concen: 104.948 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion:104 Resp: 357649

Ion	Ratio	Lower	Upper
104	100		
78	53.7	42.2	63.4
103	54.3	43.8	65.8



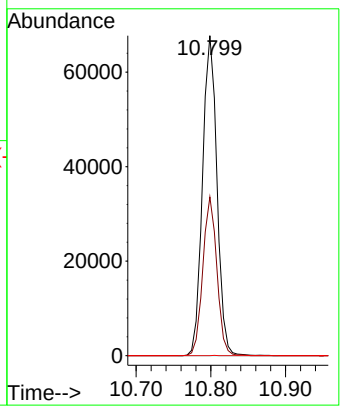


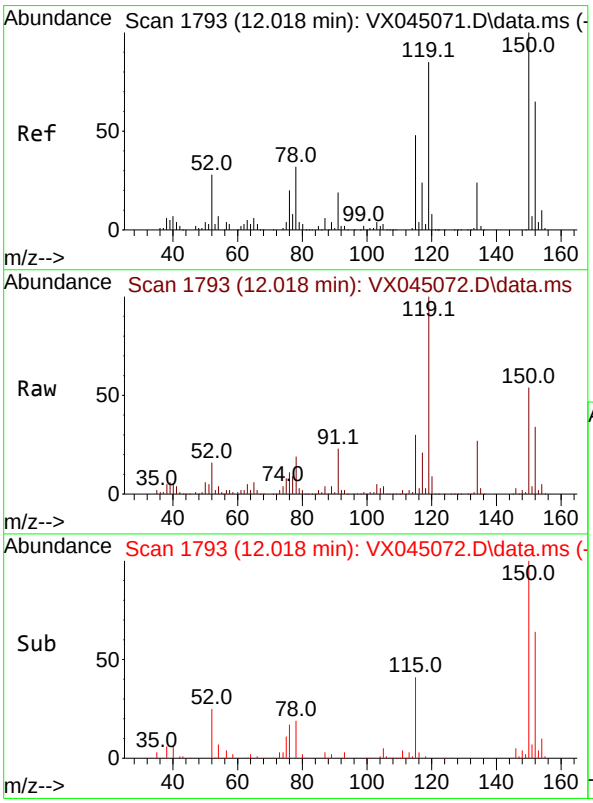
#71
Bromoform
Concen: 116.751 ug/l
RT: 10.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:173 Resp: 90800

Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.6	73.6
254	0.0	0.0	0.0#

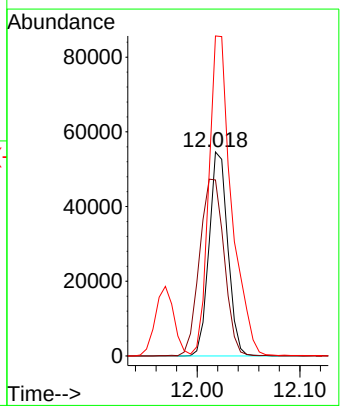


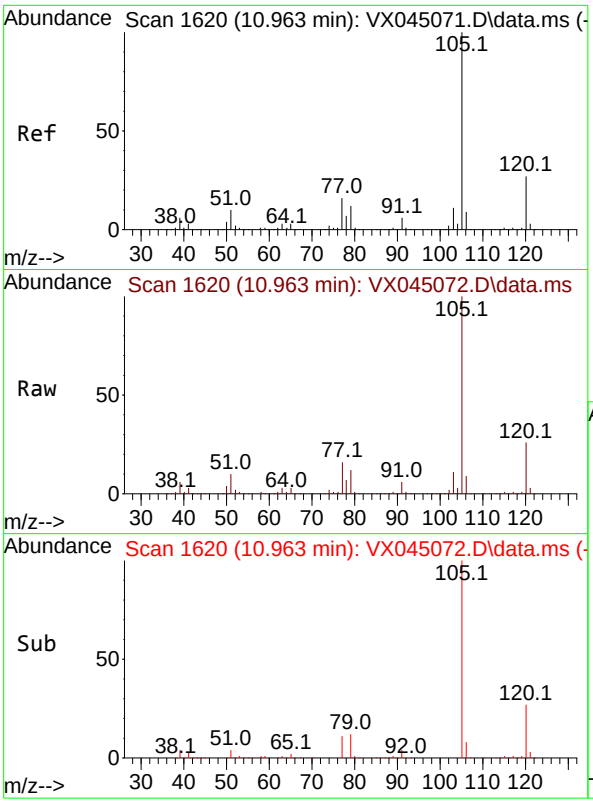


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion:152 Resp: 69086

Ion	Ratio	Lower	Upper
152	100		
115	114.1	44.2	132.6
150	190.7	0.0	349.0



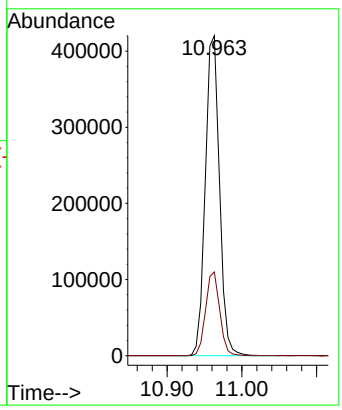


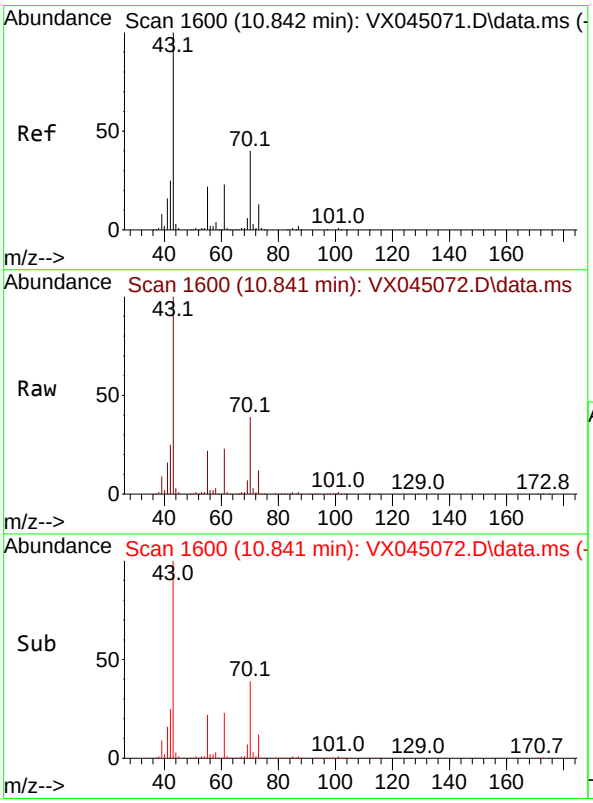
#73
Isopropylbenzene
Concen: 99.138 ug/l
RT: 10.963 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:105 Resp: 553533

Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.2	39.5

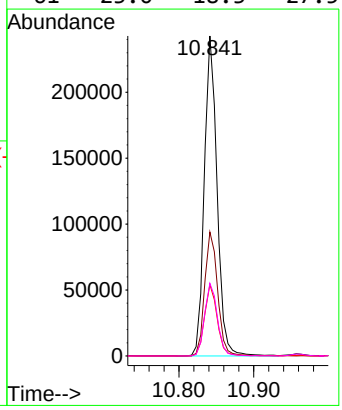


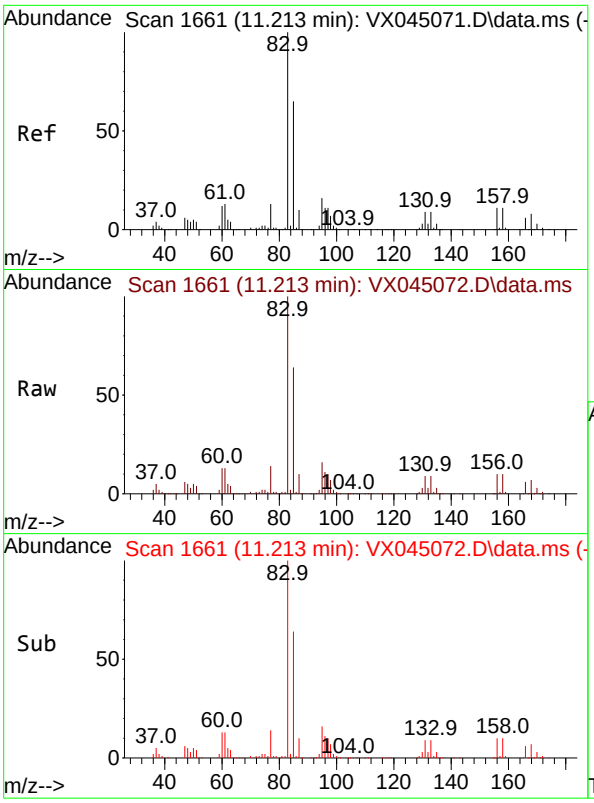


#74
N-amyl acetate
Concen: 113.277 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 43 Resp: 287104

Ion	Ratio	Lower	Upper
43	100		
70	39.6	31.8	47.6
55	22.3	18.3	27.5
61	23.0	18.3	27.5



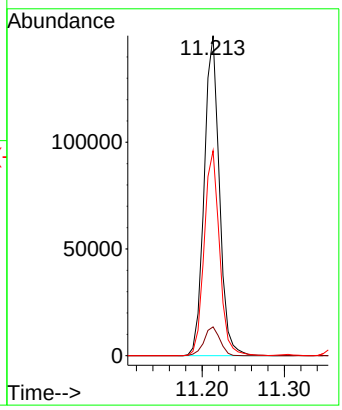


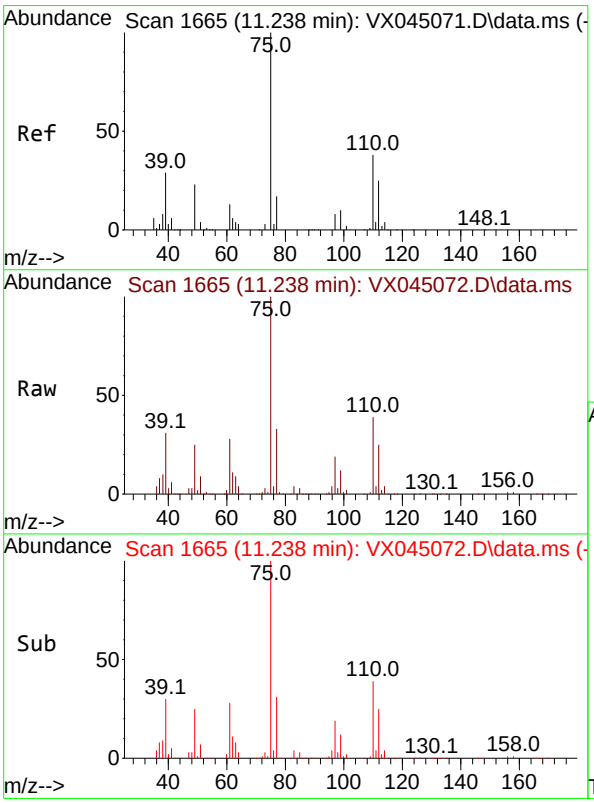
#75
1,1,2,2-Tetrachloroethane
Concen: 99.923 ug/l
RT: 11.213 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 192217

Ion	Ratio	Lower	Upper
83	100		
131	9.4	4.5	13.4
85	64.7	31.7	95.1

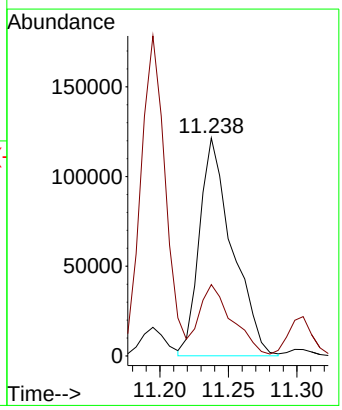


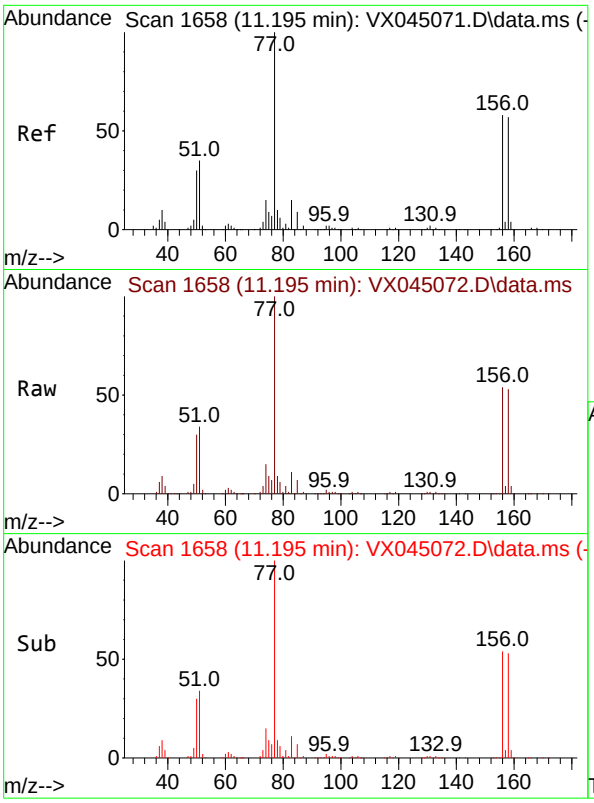


#76
1,2,3-Trichloropropane
Concen: 131.738 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 75 Resp: 203020

Ion	Ratio	Lower	Upper
75	100		
77	32.9	20.7	62.1



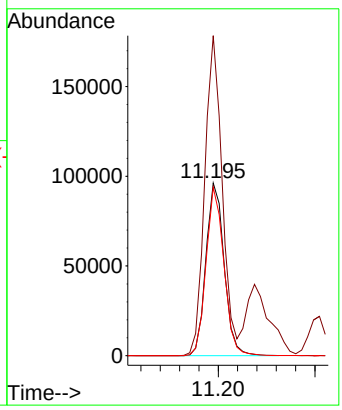


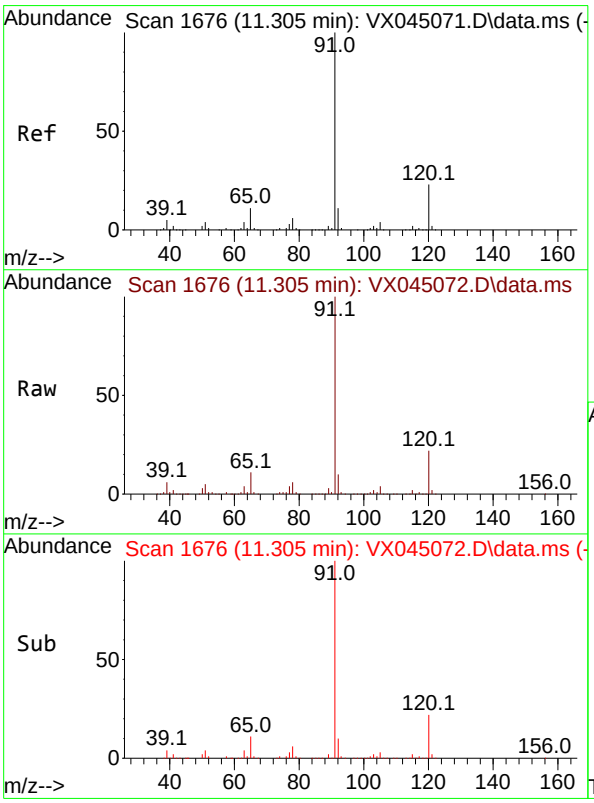
#77
Bromobenzene
Concen: 99.175 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:156 Resp: 125700

Ion	Ratio	Lower	Upper
156	100		
77	177.3	85.8	257.4
158	95.9	48.4	145.2

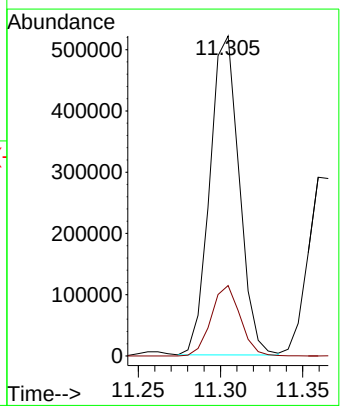


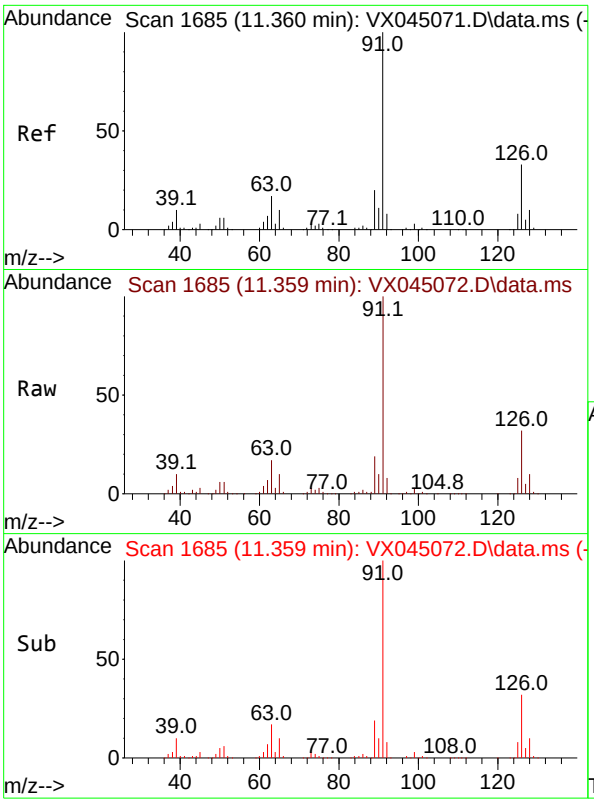


#78
n-propylbenzene
Concen: 100.758 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 91 Resp: 648835

Ion	Ratio	Lower	Upper
91	100		
120	21.8	11.2	33.6



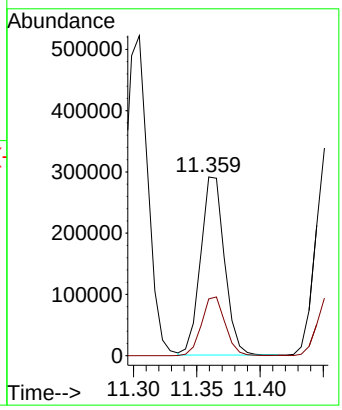


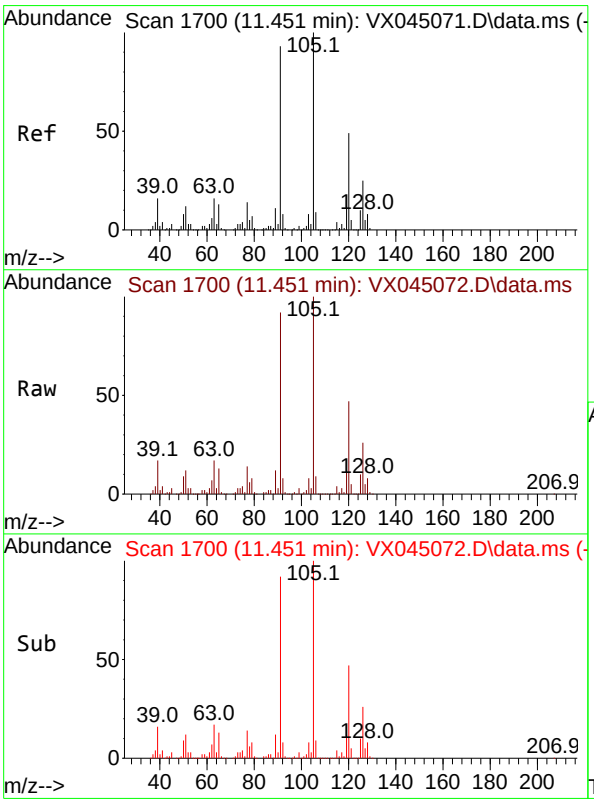
#79
2-Chlorotoluene
Concen: 96.825 ug/l
RT: 11.359 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 382703

Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.4	49.4

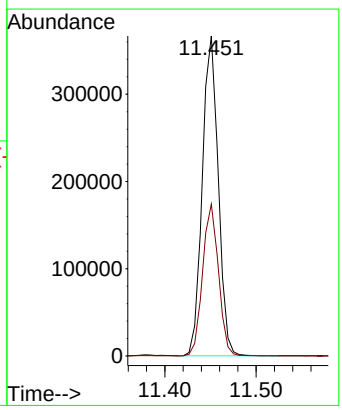


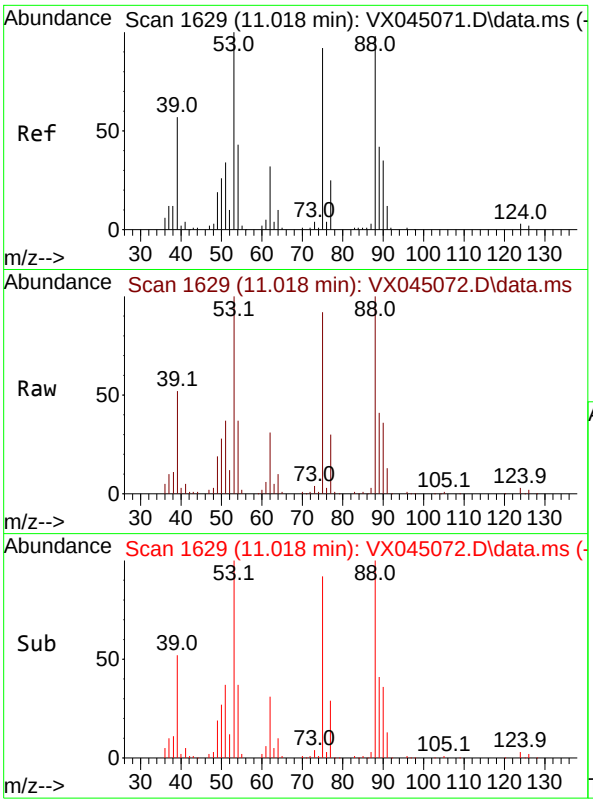


#80
1,3,5-Trimethylbenzene
Concen: 98.356 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion:105 Resp: 445466

Ion	Ratio	Lower	Upper
105	100		
120	47.1	24.1	72.2



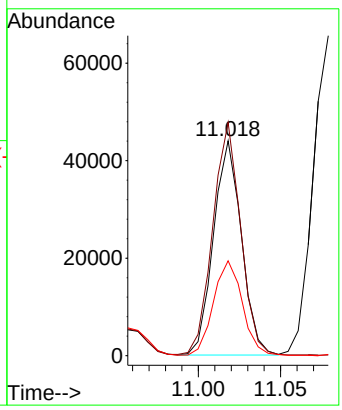


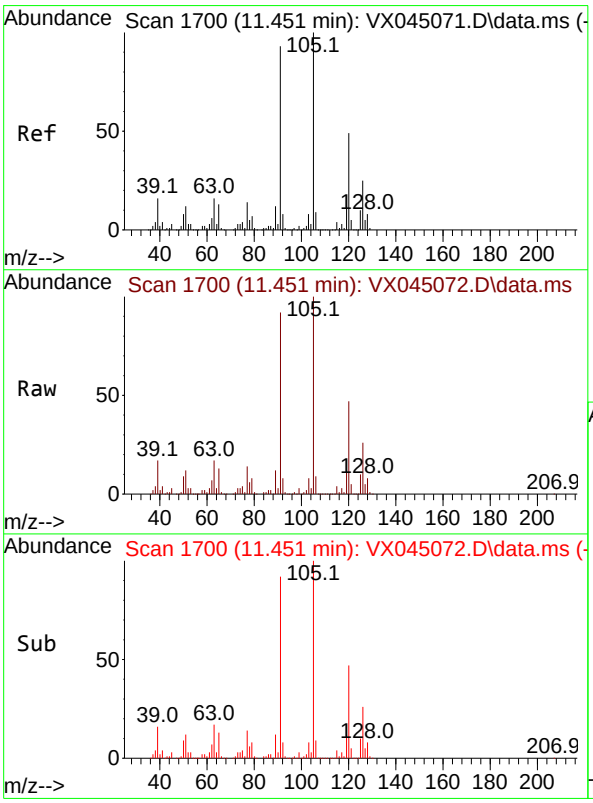
#81
trans-1,4-Dichloro-2-butene
Concen: 91.460 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 51975

Ion	Ratio	Lower	Upper
75	100		
53	109.9	88.5	132.7
89	45.7	36.2	54.4

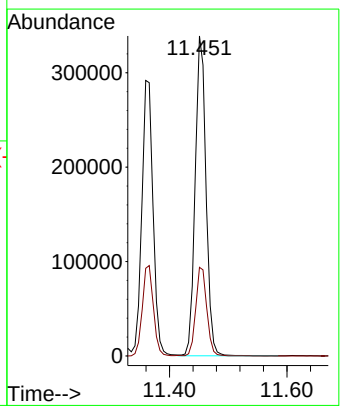


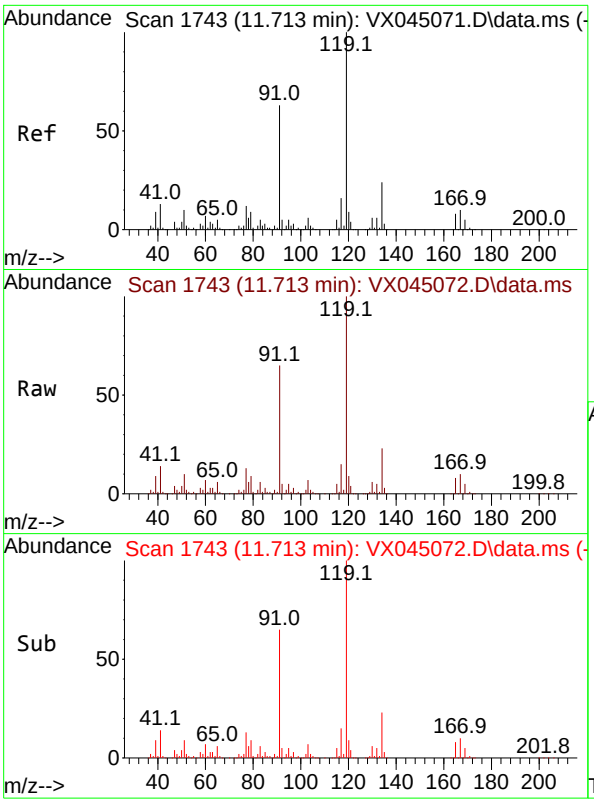


#82
4-Chlorotoluene
Concen: 99.168 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 91 Resp: 433881

Ion	Ratio	Lower	Upper
91	100		
126	28.2	14.1	42.4



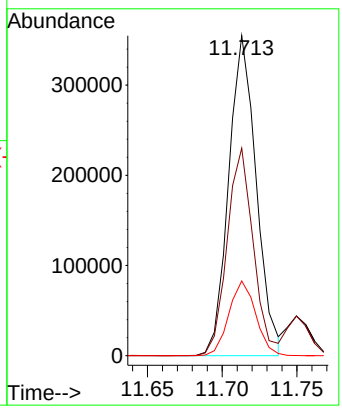


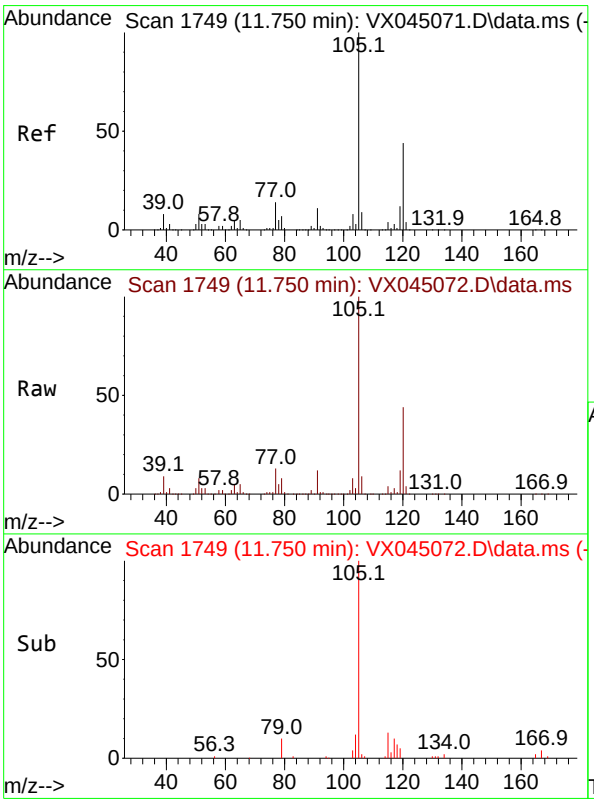
#83
tert-Butylbenzene
Concen: 99.288 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:119 Resp: 454859

Ion	Ratio	Lower	Upper
119	100		
91	61.7	30.7	92.1
134	22.8	11.7	35.0

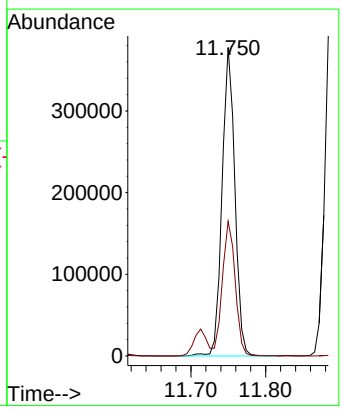


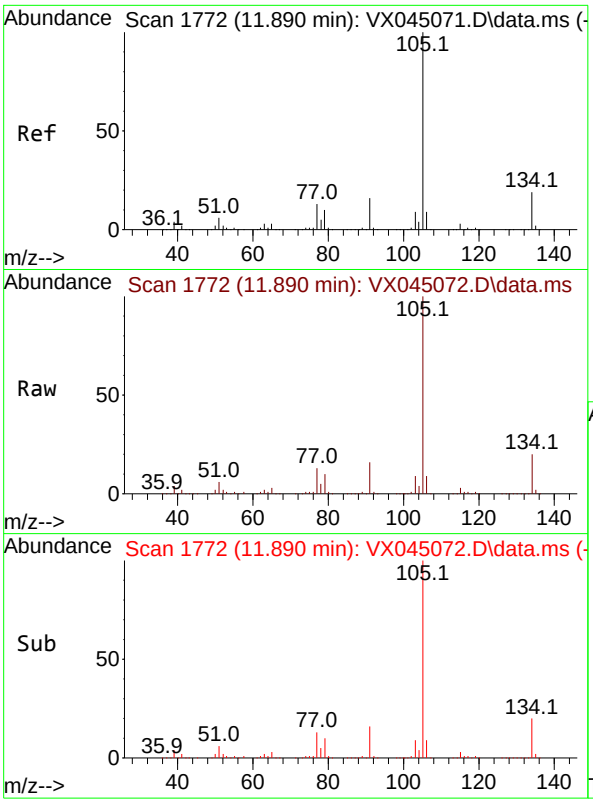


#84
1,2,4-Trimethylbenzene
Concen: 100.926 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion:105 Resp: 450108

Ion	Ratio	Lower	Upper
105	100		
120	43.4	22.1	66.1



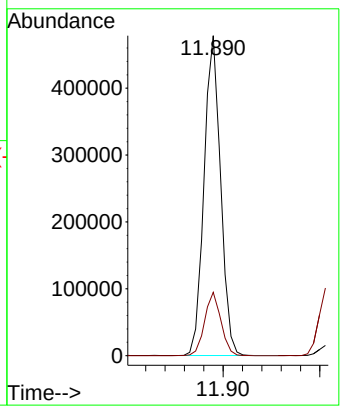


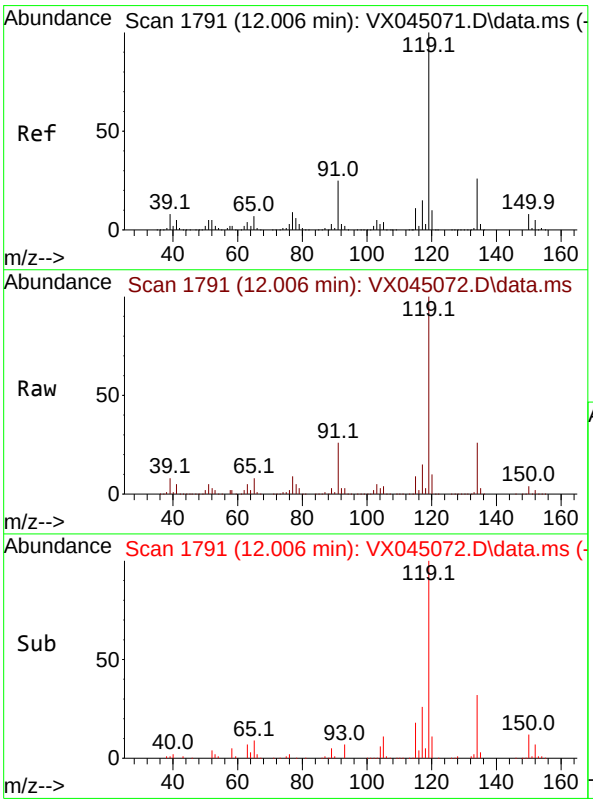
#85
sec-Butylbenzene
Concen: 100.517 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:105 Resp: 570006

Ion	Ratio	Lower	Upper
105	100		
134	19.6	9.8	29.4

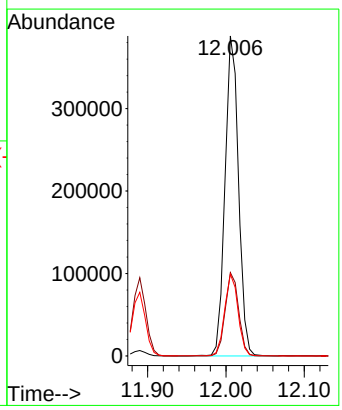


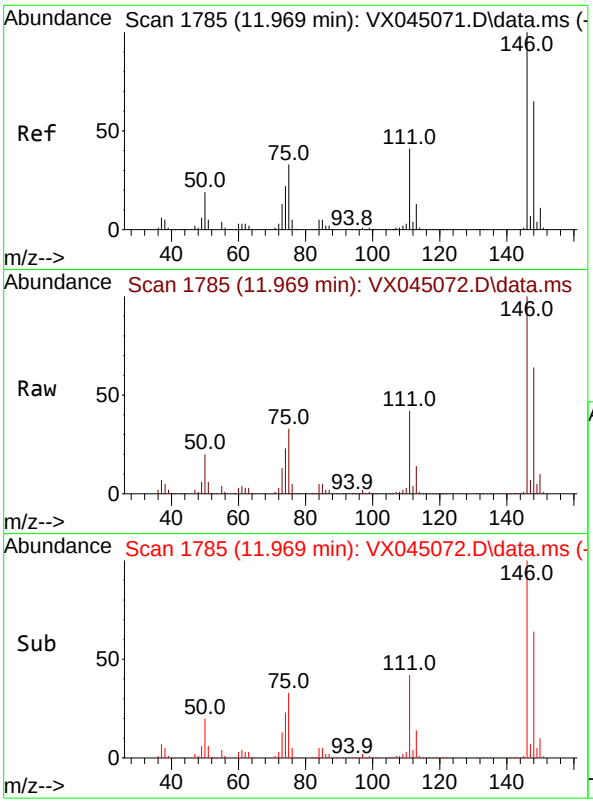


#86
p-Isopropyltoluene
Concen: 102.252 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion:119 Resp: 465512

Ion	Ratio	Lower	Upper
119	100		
134	26.0	12.9	38.6
91	25.3	12.7	38.0



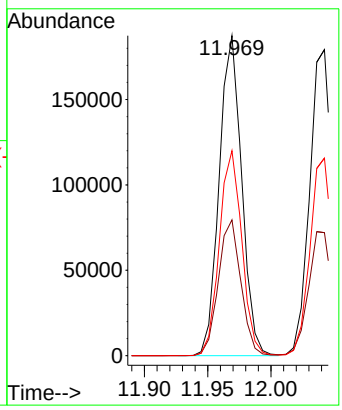


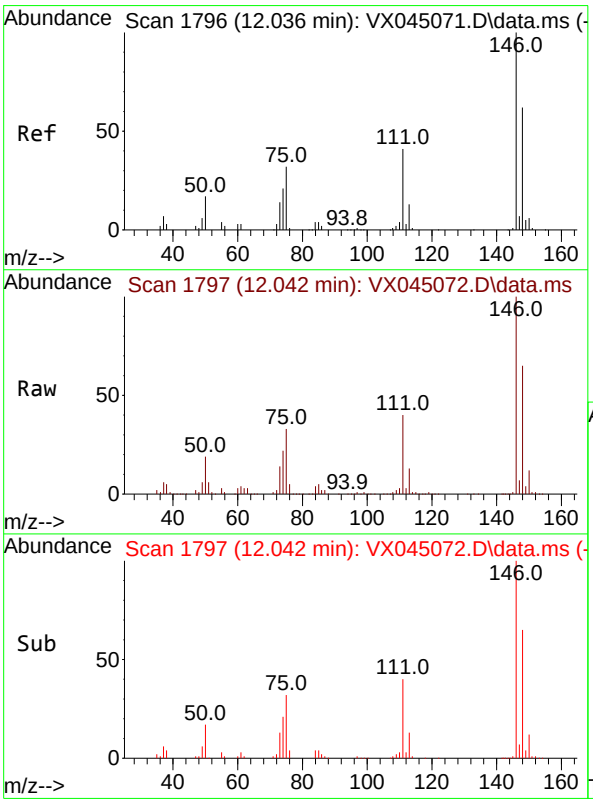
#87
1,3-Dichlorobenzene
Concen: 99.903 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 231440

Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.1	63.4
148	64.1	31.9	95.7

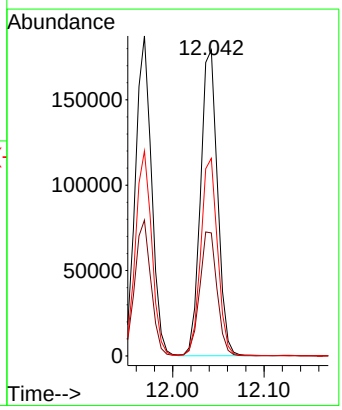


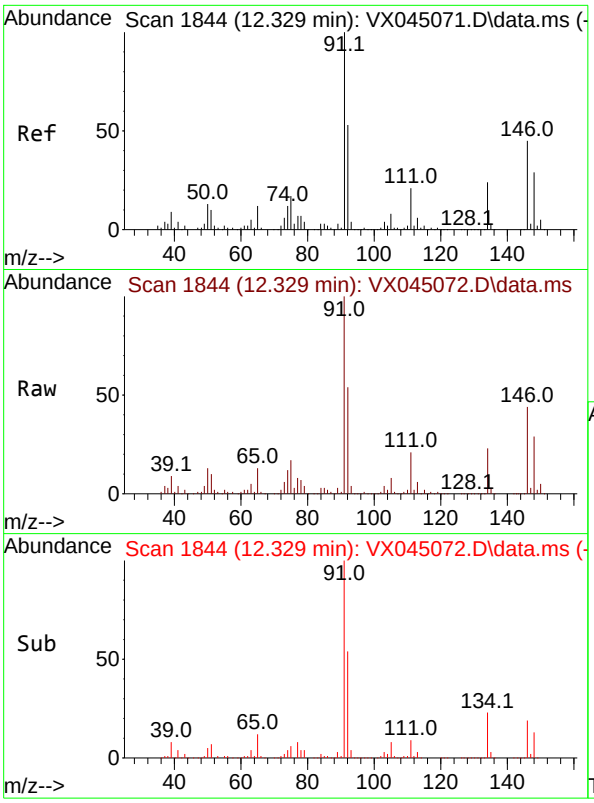


#88
1,4-Dichlorobenzene
Concen: 98.355 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion:146 Resp: 230663

Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.2	60.5
148	63.9	31.9	95.9



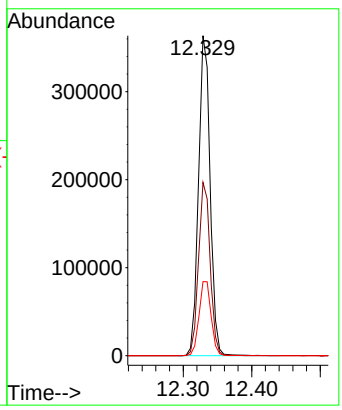


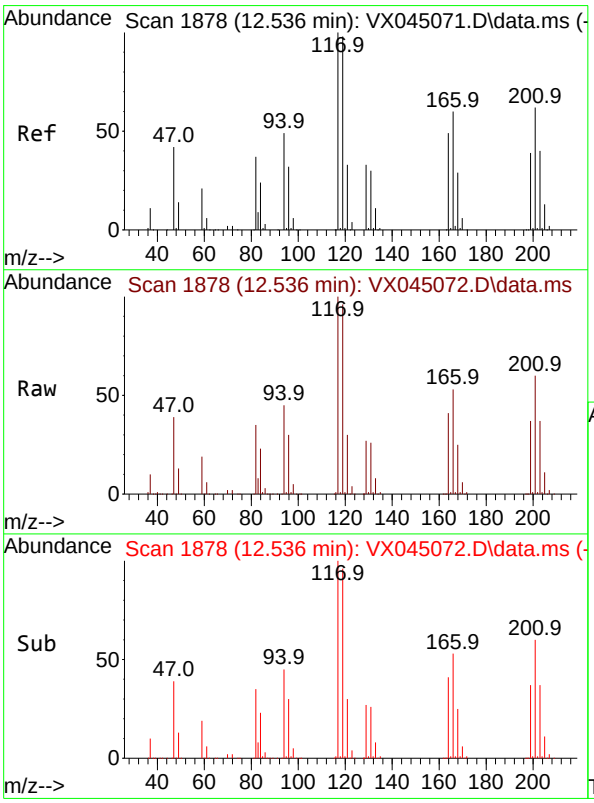
#89
n-Butylbenzene
Concen: 107.000 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 428209

Ion	Ratio	Lower	Upper
91	100		
92	54.4	26.7	80.0
134	24.2	12.2	36.6

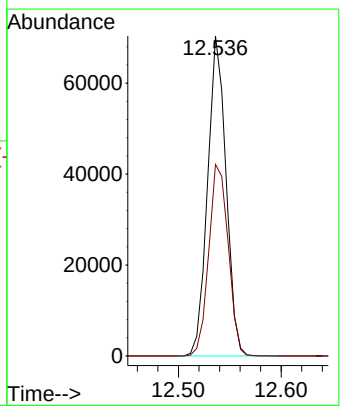


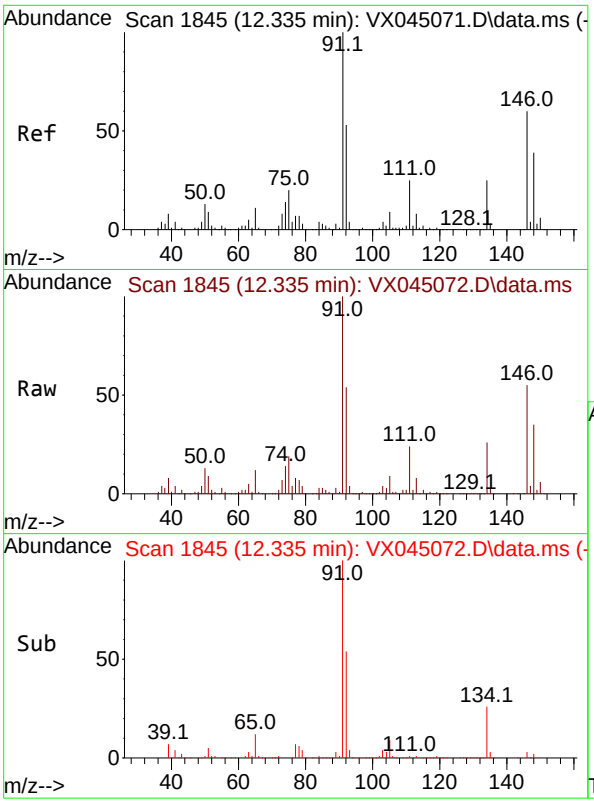


#90
Hexachloroethane
Concen: 102.980 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion:117 Resp: 87448

Ion	Ratio	Lower	Upper
117	100		
201	63.4	31.9	95.9



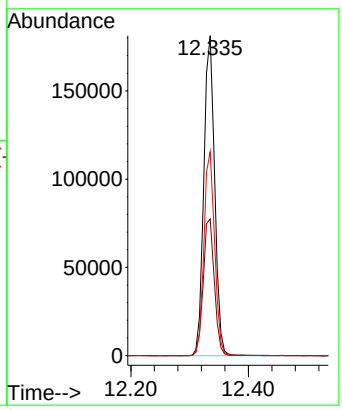


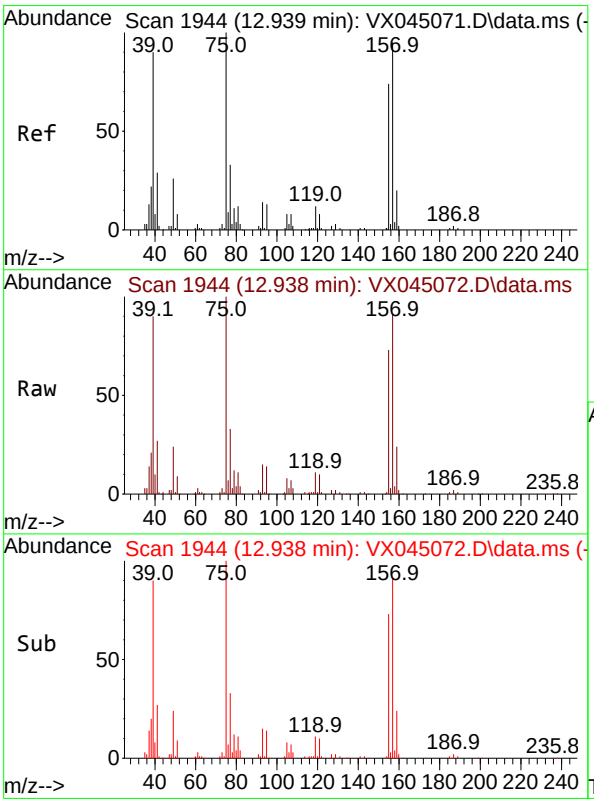
#91
1,2-Dichlorobenzene
Concen: 102.254 ug/l
RT: 12.335 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 233125

Ion	Ratio	Lower	Upper
146	100		
111	43.7	21.6	65.0
148	63.2	31.9	95.9

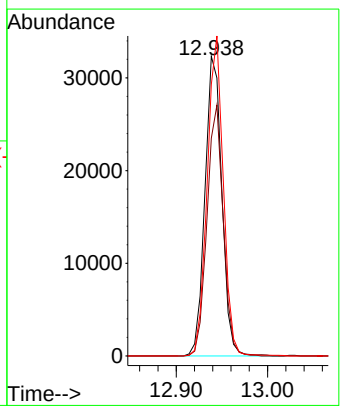


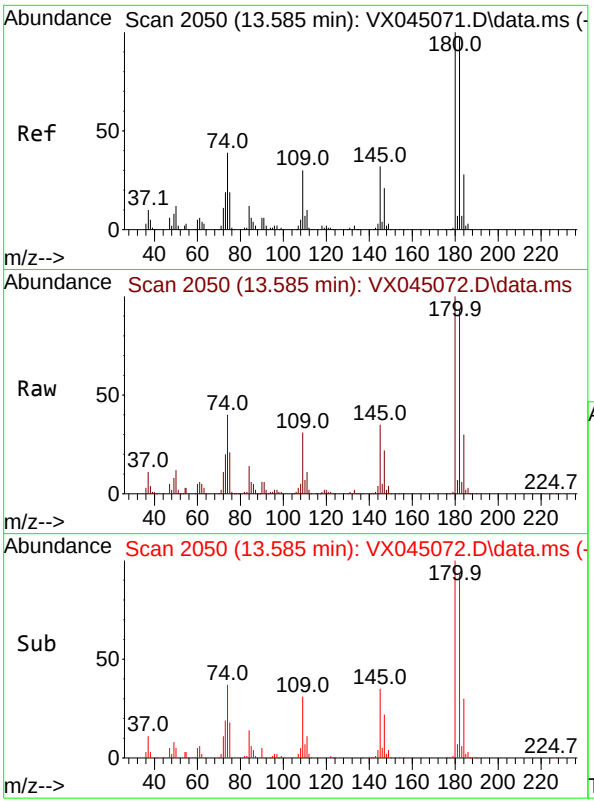


#92
1,2-Dibromo-3-Chloropropane
Concen: 116.296 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 75 Resp: 41402

Ion	Ratio	Lower	Upper
75	100		
155	80.6	39.6	118.7
157	101.8	51.1	153.4



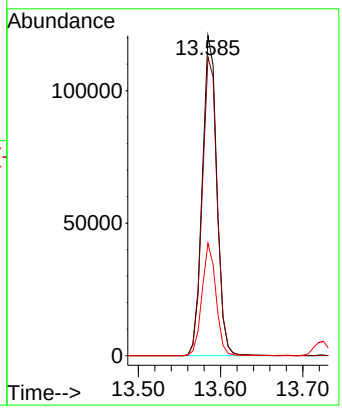


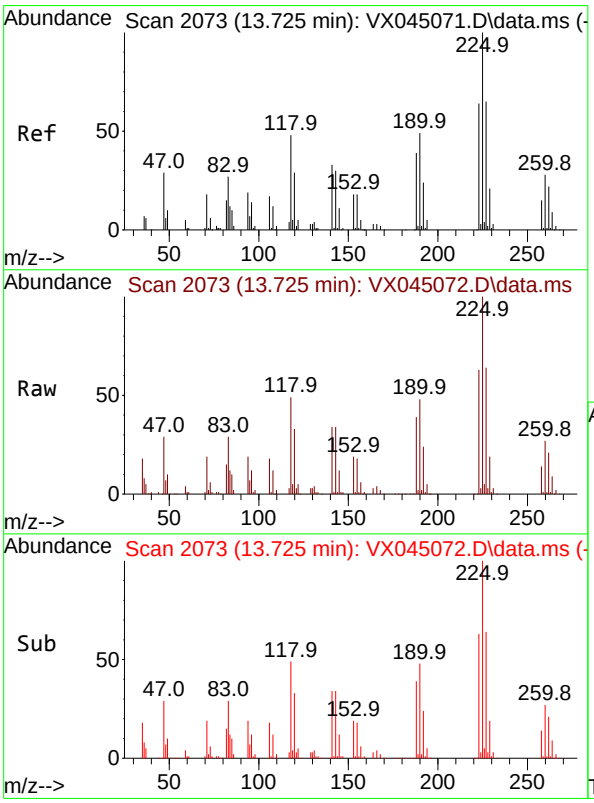
#93
1,2,4-Trichlorobenzene
Concen: 107.648 ug/l
RT: 13.585 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:180 Resp: 148368

Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.3	141.9
145	33.6	16.3	48.9

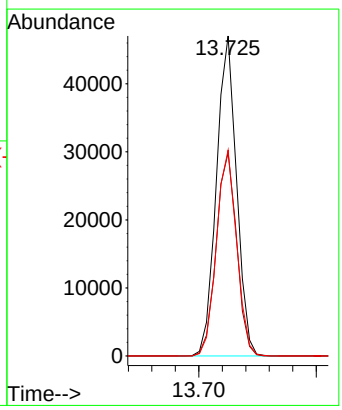


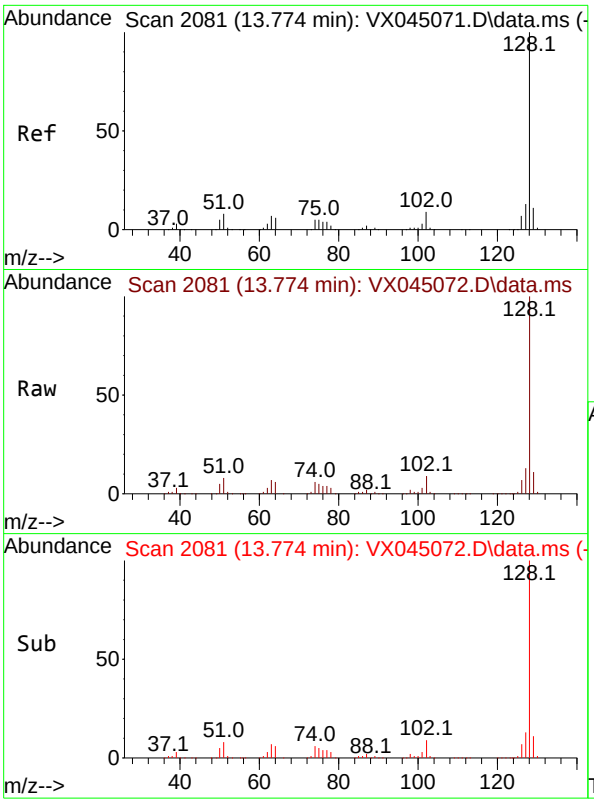


#94
Hexachlorobutadiene
Concen: 102.019 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion:225 Resp: 56065

Ion	Ratio	Lower	Upper
225	100		
223	64.1	31.9	95.7
227	64.4	31.4	94.0



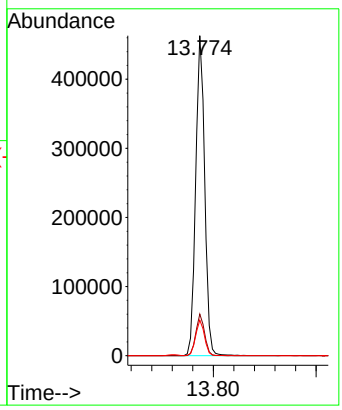


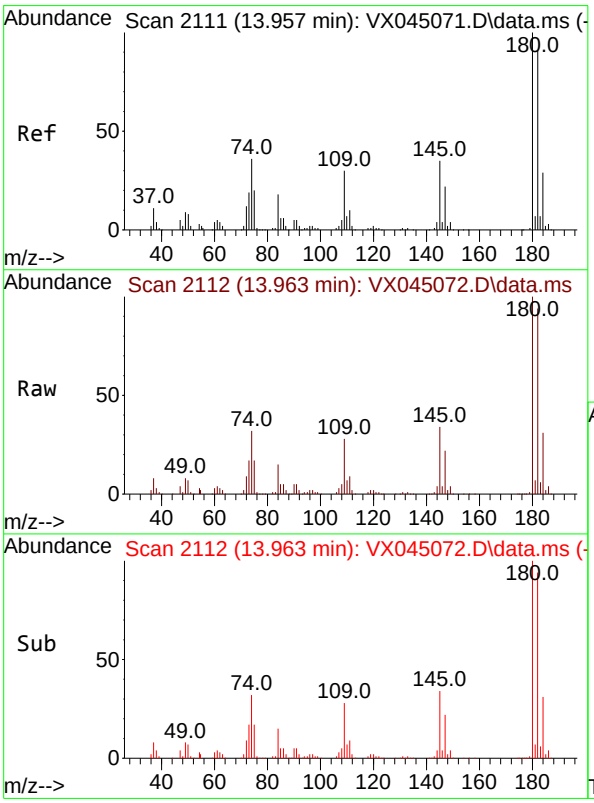
#95
Naphthalene
Concen: 112.593 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 565250

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	10.9	8.7	13.1

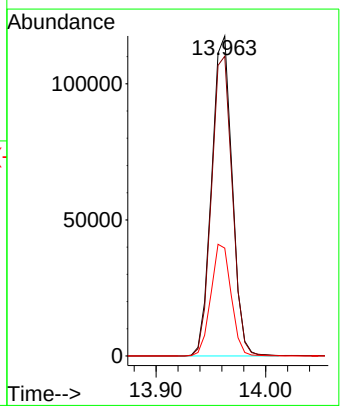




#96
1,2,3-Trichlorobenzene
Concen: 109.554 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion:180 Resp: 152970

Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.5	142.6
145	34.5	17.0	50.9



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045073.D
Acq On : 28 Feb 2025 03:47
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: Feb 28 05:36:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	95754	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	176991	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	150547	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67685	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	234624	165.865	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 331.740%#			
35) Dibromofluoromethane	5.379	113	179722	155.359	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 310.720%#			
50) Toluene-d8	8.647	98	638979	147.538	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 295.080%#			
62) 4-Bromofluorobenzene	11.079	95	223346	154.420	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 308.840%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	174297	132.067	ug/l	96
3) Chloromethane	1.307	50	213704	133.072	ug/l	97
4) Vinyl Chloride	1.374	62	217672	138.774	ug/l	97
5) Bromomethane	1.593	94	83547	170.379	ug/l	98
6) Chloroethane	1.660	64	82101	137.509	ug/l	95
7) Trichlorofluoromethane	1.861	101	272235	135.494	ug/l	98
8) Diethyl Ether	2.136	74	110005	150.660	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.313	101	161825	134.877	ug/l	99
10) Methyl Iodide	2.441	142	212355	138.059	ug/l	99
11) Tert butyl alcohol	3.014	59	195415	754.176	ug/l	97
12) 1,1-Dichloroethene	2.300	96	173271	140.655	ug/l	96
13) Acrolein	2.239	56	263999	940.846	ug/l	98
14) Allyl chloride	2.654	41	308018	139.077	ug/l	98
15) Acrylonitrile	3.069	53	573208	813.990	ug/l	99
16) Acetone	2.392	43	511828	879.387	ug/l	100
17) Carbon Disulfide	2.495	76	487720	145.511	ug/l	98
18) Methyl Acetate	2.709	43	258303	147.347	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	619778	157.358	ug/l	99
20) Methylene Chloride	2.782	84	202913	147.198	ug/l	99
21) trans-1,2-Dichloroethene	3.081	96	176924	146.027	ug/l	98
22) Diisopropyl ether	3.764	45	662828	156.526	ug/l	98
23) Vinyl Acetate	3.721	43	2943150	846.586	ug/l	99
24) 1,1-Dichloroethane	3.605	63	363081	153.453	ug/l	99
25) 2-Butanone	4.568	43	818497	872.239	ug/l	99
26) 2,2-Dichloropropane	4.465	77	179826	102.231	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	220826	151.205	ug/l	98
28) Bromochloromethane	4.891	49	171273	150.105	ug/l	100
29) Tetrahydrofuran	5.007	42	528574	850.174	ug/l	99
30) Chloroform	5.093	83	351934	152.067	ug/l	97
31) Cyclohexane	5.458	56	302215	139.174	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	294434	151.120	ug/l	100
36) 1,1-Dichloropropene	5.684	75	241405	145.112	ug/l	100
37) Ethyl Acetate	4.721	43	316250	167.067	ug/l	99
38) Carbon Tetrachloride	5.672	117	245917	150.363	ug/l	99
39) Methylcyclohexane	7.373	83	292216	137.544	ug/l	97
40) Benzene	6.031	78	755854	145.368	ug/l	100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045073.D
Acq On : 28 Feb 2025 03:47
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: Feb 28 05:36:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	175023	173.088	ug/l		99
42) 1,2-Dichloroethane	6.080	62	276129	163.872	ug/l		99
43) Isopropyl Acetate	6.342	43	511643	169.804	ug/l		99
44) Trichloroethene	7.123	130	178483	150.181	ug/l		97
45) 1,2-Dichloropropane	7.428	63	198135	153.334	ug/l		100
46) Dibromomethane	7.580	93	142119	157.443	ug/l		99
47) Bromodichloromethane	7.818	83	280255	160.492	ug/l		99
48) Methyl methacrylate	7.696	41	252275	176.370	ug/l		99
49) 1,4-Dioxane	7.665	88	96268	3166.423	ug/l		99
51) 4-Methyl-2-Pentanone	8.580	43	1536157	832.051	ug/l		99
52) Toluene	8.714	92	448664	145.321	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	266444	154.373	ug/l		96
54) cis-1,3-Dichloropropene	8.366	75	293521	152.117	ug/l		96
55) 1,1,2-Trichloroethane	9.147	97	178217	149.046	ug/l		98
56) Ethyl methacrylate	9.116	69	310992	162.631	ug/l		98
57) 1,3-Dichloropropane	9.305	76	312196	149.699	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	717328	764.019	ug/l		99
59) 2-Hexanone	9.433	43	1156653	868.492	ug/l		100
60) Dibromochloromethane	9.519	129	201906	158.276	ug/l		99
61) 1,2-Dibromoethane	9.610	107	185828	154.074	ug/l		100
64) Tetrachloroethene	9.269	164	139536	145.906	ug/l		94
65) Chlorobenzene	10.079	112	472117	146.096	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	163370	156.845	ug/l		97
67) Ethyl Benzene	10.189	91	852575	149.191	ug/l		99
68) m/p-Xylenes	10.299	106	607523	288.655	ug/l		97
69) o-Xylene	10.640	106	302495	143.259	ug/l		99
70) Styrene	10.653	104	512379	150.979	ug/l		99
71) Bromoform	10.799	173	135388	174.808	ug/l	#	99
73) Isopropylbenzene	10.963	105	780706	142.719	ug/l		99
74) N-amyl acetate	10.842	43	429686	173.042	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.213	83	283558	150.458	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	303633	201.103	ug/l		86
77) Bromobenzene	11.195	156	180997	145.760	ug/l		96
78) n-propylbenzene	11.305	91	923593	146.395	ug/l		99
79) 2-Chlorotoluene	11.366	91	548695	141.695	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	635832	143.293	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.018	75	82267	147.761	ug/l		98
82) 4-Chlorotoluene	11.451	91	627816	146.464	ug/l		99
83) tert-Butylbenzene	11.713	119	641713	142.974	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	647248	148.135	ug/l		100
85) sec-Butylbenzene	11.890	105	807713	145.383	ug/l		100
86) p-Isopropyltoluene	12.006	119	664916	149.075	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	334751	147.488	ug/l		100
88) 1,4-Dichlorobenzene	12.043	146	333594	145.189	ug/l		99
89) n-Butylbenzene	12.329	91	620757	158.324	ug/l		99
90) Hexachloroethane	12.536	117	128582	154.554	ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	329318	147.436	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	64958	186.240	ug/l		98
93) 1,2,4-Trichlorobenzene	13.585	180	219313	162.416	ug/l		99
94) Hexachlorobutadiene	13.725	225	80241	149.034	ug/l		99
95) Naphthalene	13.774	128	828949	168.538	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	222608	162.727	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045073.D
Acq On : 28 Feb 2025 03:47
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: Feb 28 05:36:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration

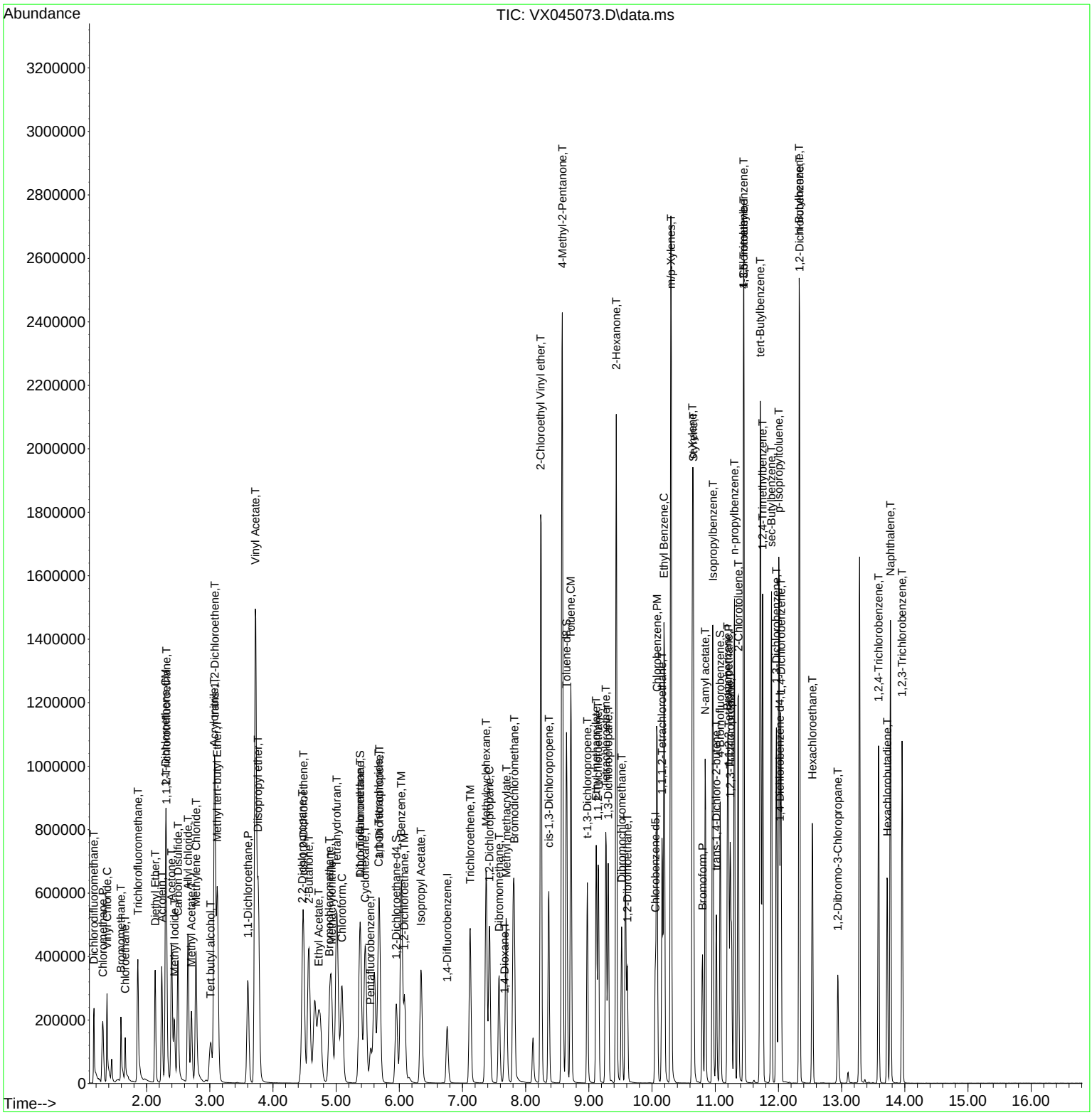
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

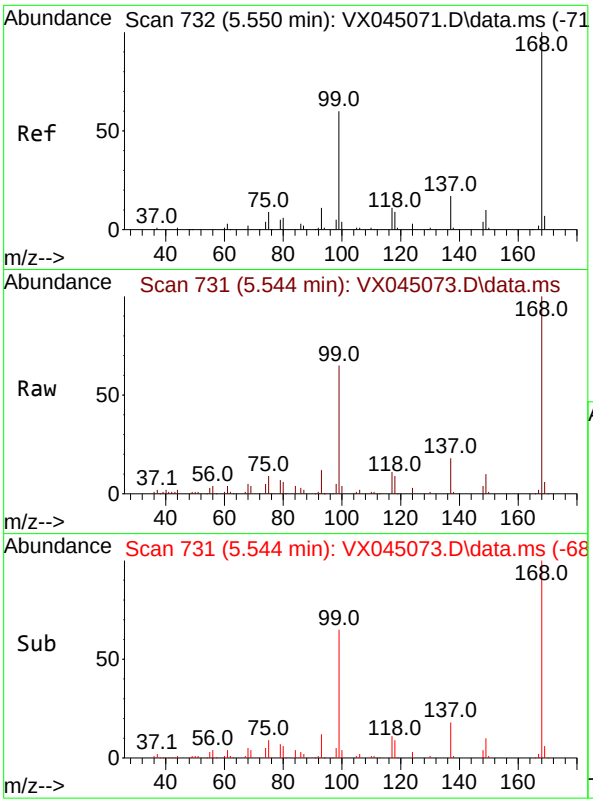
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045073.D
Acq On : 28 Feb 2025 03:47
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: Feb 28 05:36:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration



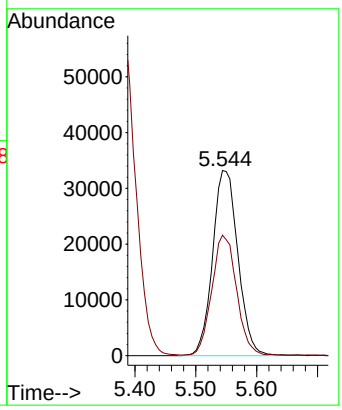


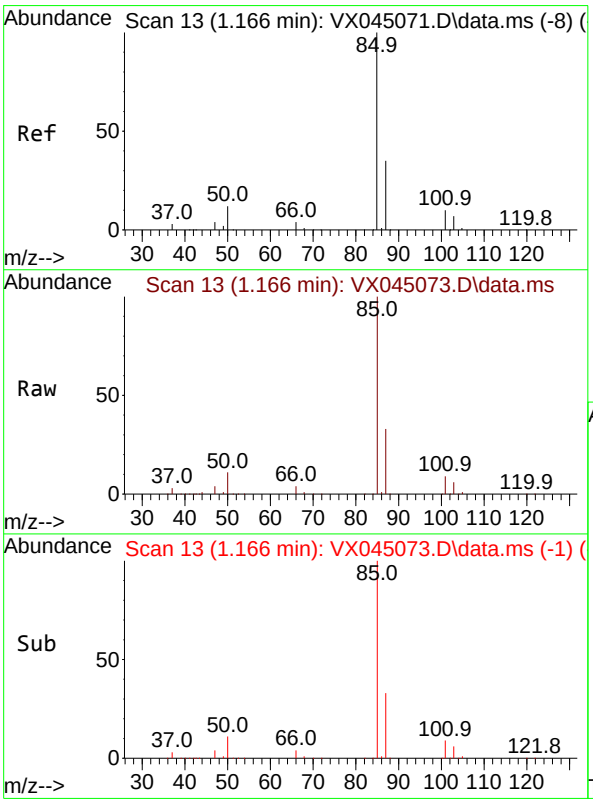
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:168 Resp: 95754

Ion	Ratio	Lower	Upper
168	100		
99	64.8	48.2	72.4

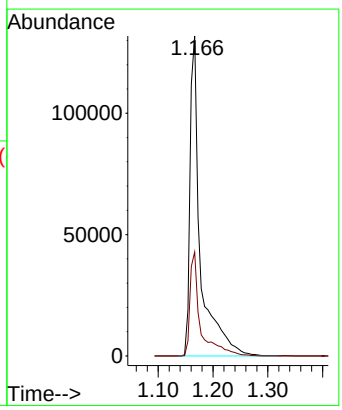


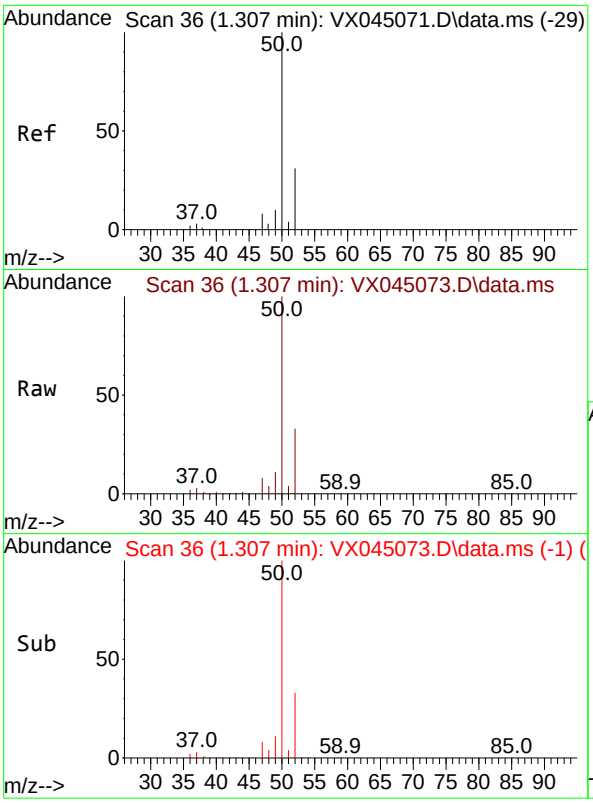


#2
Dichlorodifluoromethane
Concen: 132.067 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 85 Resp: 174297

Ion	Ratio	Lower	Upper
85	100		
87	32.5	17.4	52.3



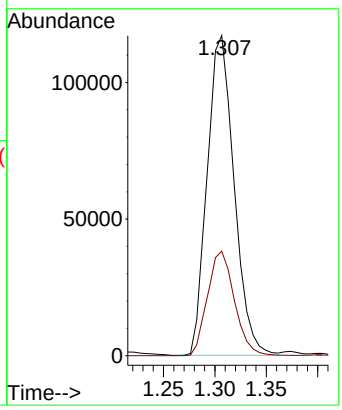


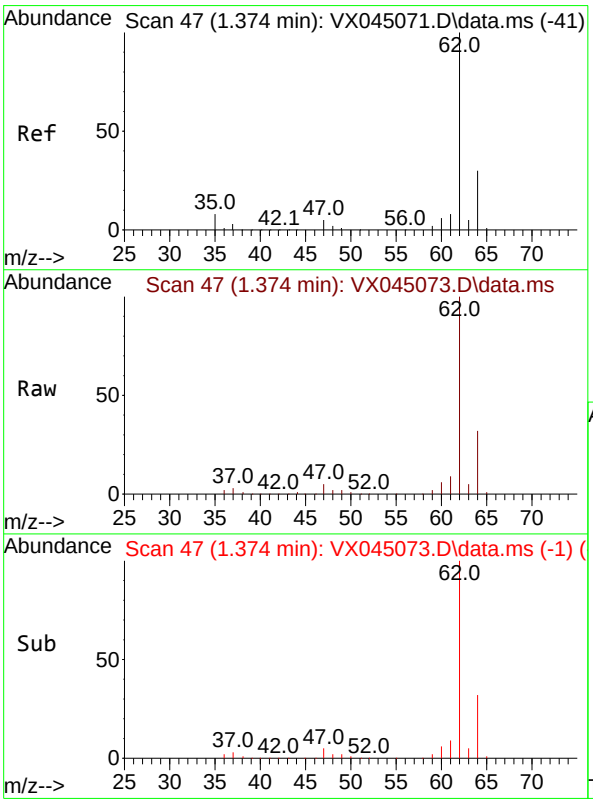
#3
Chloromethane
Concen: 133.072 ug/l
RT: 1.307 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 50 Resp: 213704

Ion	Ratio	Lower	Upper
50	100		
52	32.7	25.0	37.4

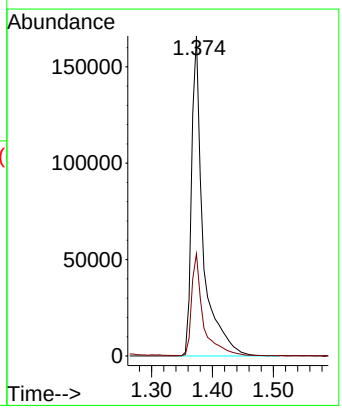


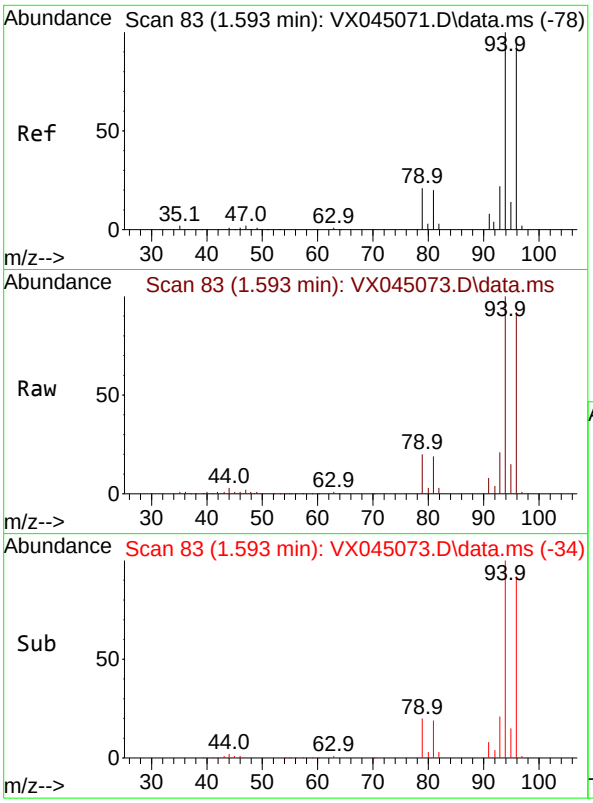


#4
Vinyl Chloride
Concen: 138.774 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 62 Resp: 217672

Ion	Ratio	Lower	Upper
62	100		
64	31.8	24.3	36.5



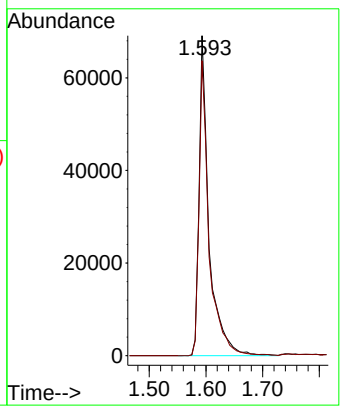


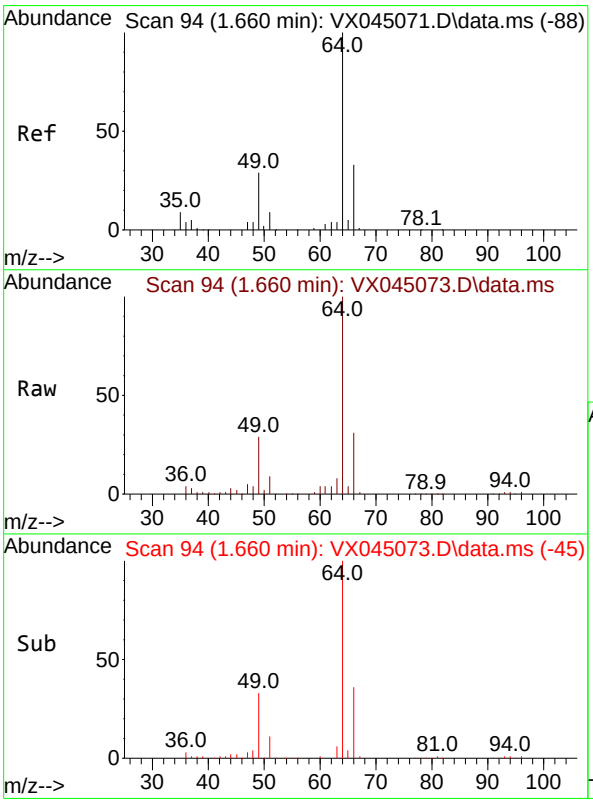
#5
Bromomethane
Concen: 170.379 ug/l
RT: 1.593 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 94 Resp: 83547

Ion	Ratio	Lower	Upper
94	100		
96	92.2	75.0	112.4

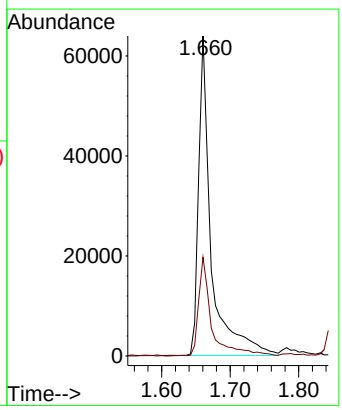


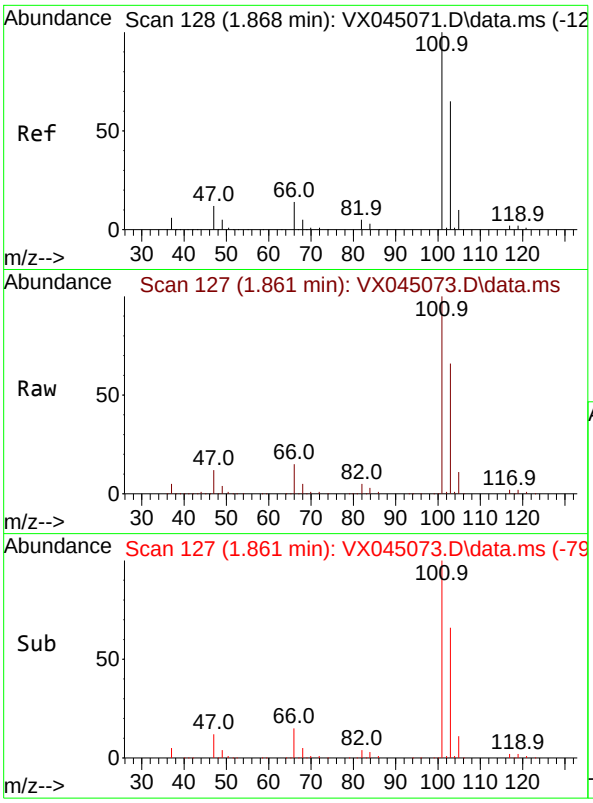


#6
Chloroethane
Concen: 137.509 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 64 Resp: 82101

Ion	Ratio	Lower	Upper
64	100		
66	30.8	26.7	40.1



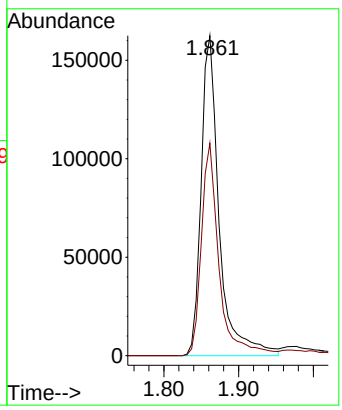


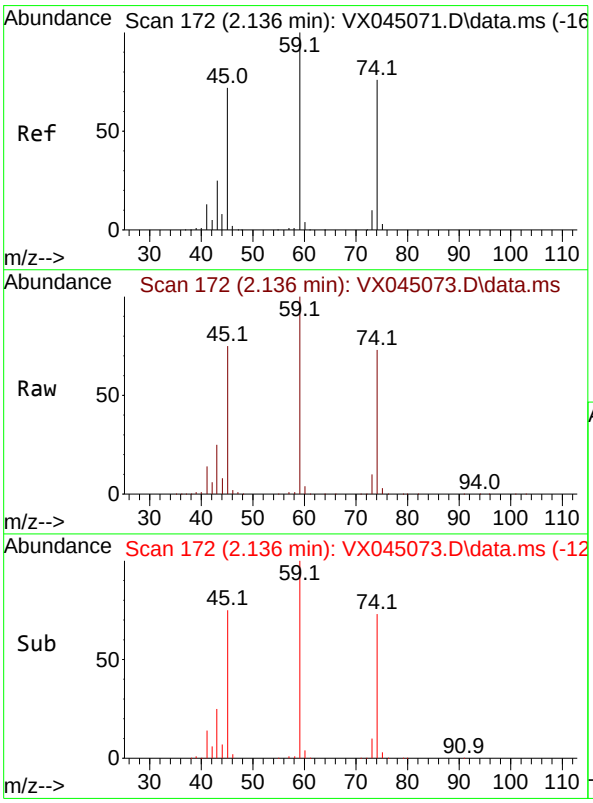
#7
Trichlorofluoromethane
Concen: 135.494 ug/l
RT: 1.861 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 272235

Ion	Ratio	Lower	Upper
101	100		
103	66.4	52.1	78.1

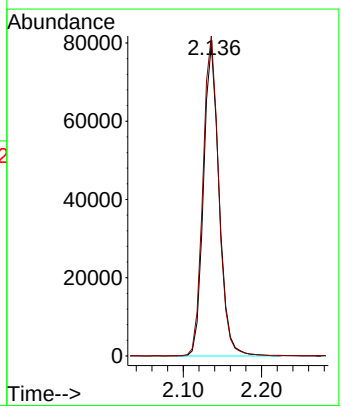


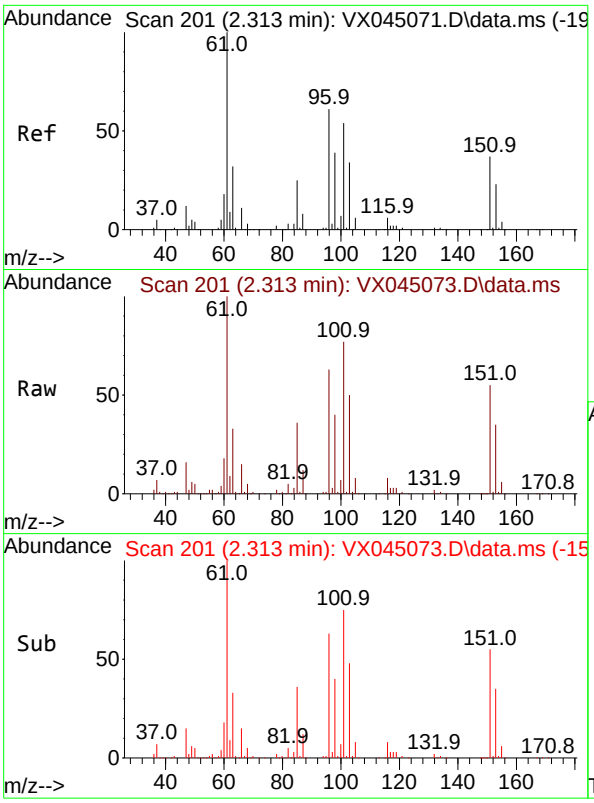


#8
Diethyl Ether
Concen: 150.660 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 74 Resp: 110005

Ion	Ratio	Lower	Upper
74	100		
45	104.9	51.5	154.5



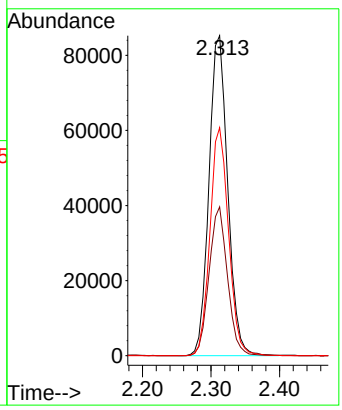


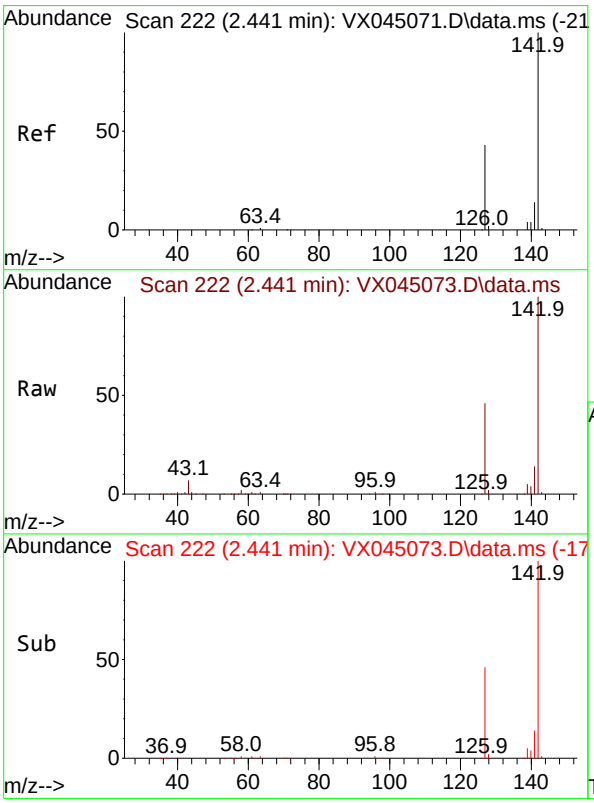
#9
1,1,2-Trichlorotrifluoroethane
Concen: 134.877 ug/l
RT: 2.313 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 161825

Ion	Ratio	Lower	Upper
101	100		
85	45.8	36.2	54.4
151	70.8	56.4	84.6

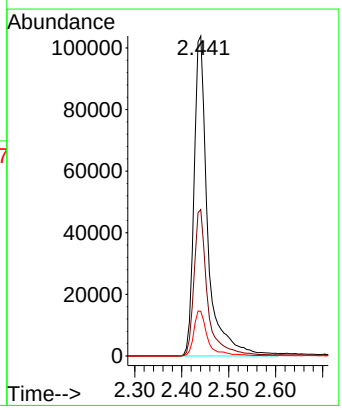


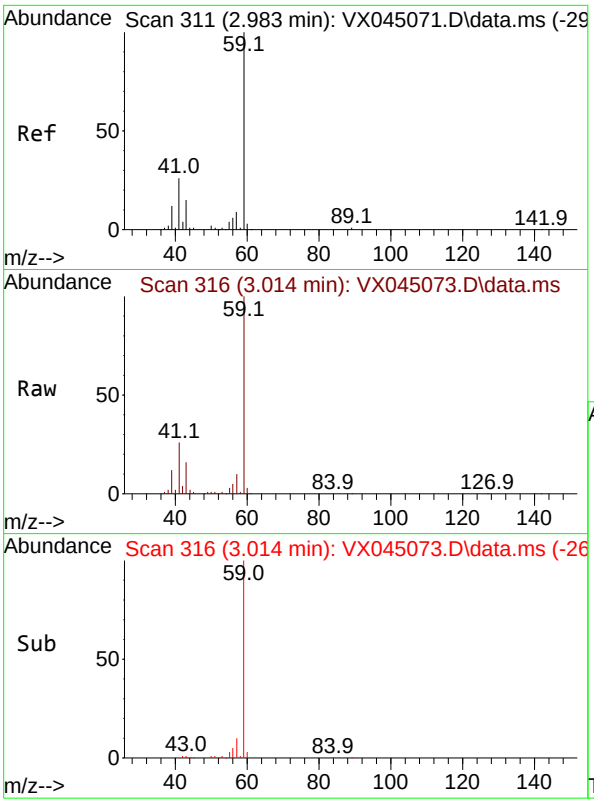


#10
Methyl Iodide
Concen: 138.059 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion:142 Resp: 212355

Ion	Ratio	Lower	Upper
142	100		
127	45.2	35.4	53.2
141	14.3	11.6	17.4



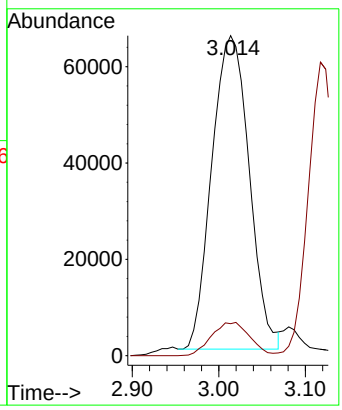


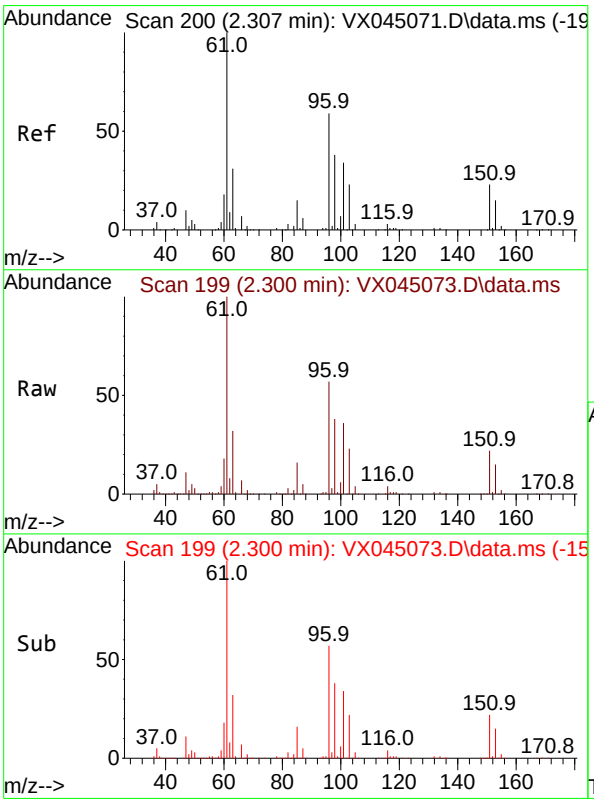
#11
Tert butyl alcohol
Concen: 754.176 ug/l
RT: 3.014 min Scan# 3
Delta R.T. 0.030 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 59 Resp: 195415

Ion	Ratio	Lower	Upper
59	100		
57	10.9	7.8	11.8

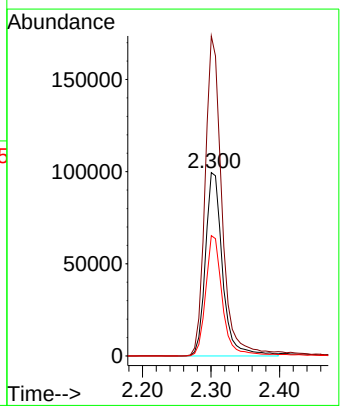


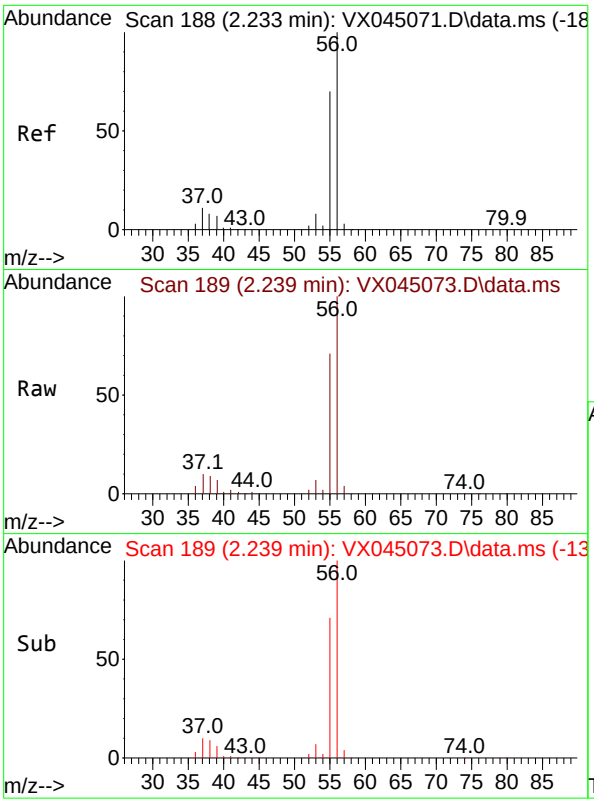


#12
1,1-Dichloroethene
Concen: 140.655 ug/l
RT: 2.300 min Scan# 199
Delta R.T. -0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 96 Resp: 173271

Ion	Ratio	Lower	Upper
96	100		
61	174.5	134.6	202.0
98	65.6	51.0	76.6





#13
Acrolein
Concen: 940.846 ug/l
RT: 2.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
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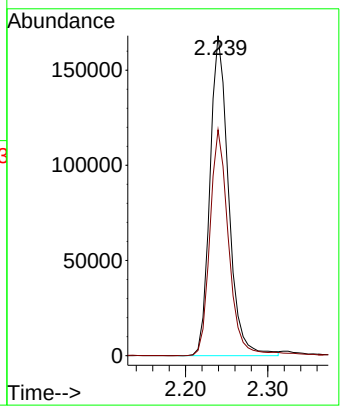
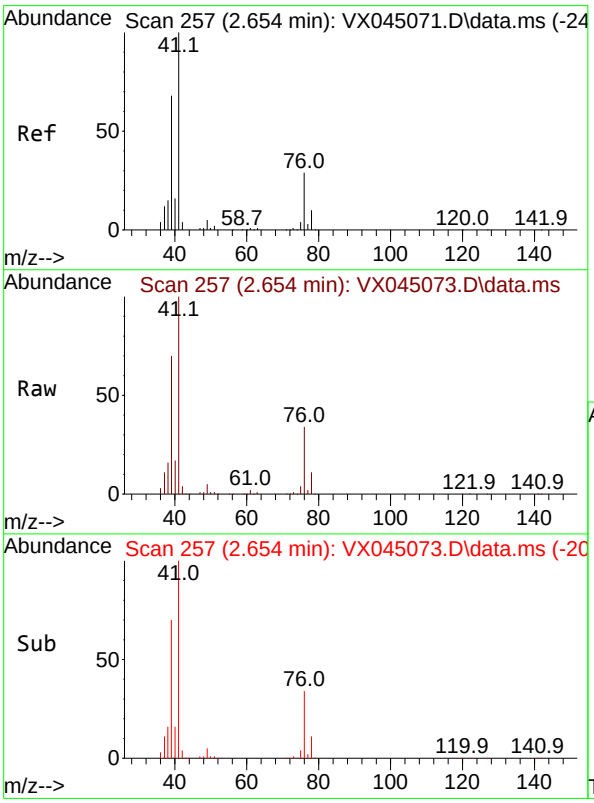
ClientSampleId :
VSTDICC150

Tgt Ion: 56 Resp: 263999

Ion	Ratio	Lower	Upper
56	100		
55	71.6	56.2	84.4

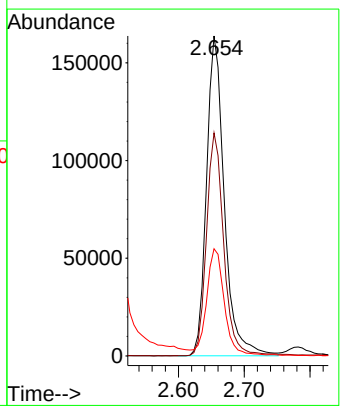


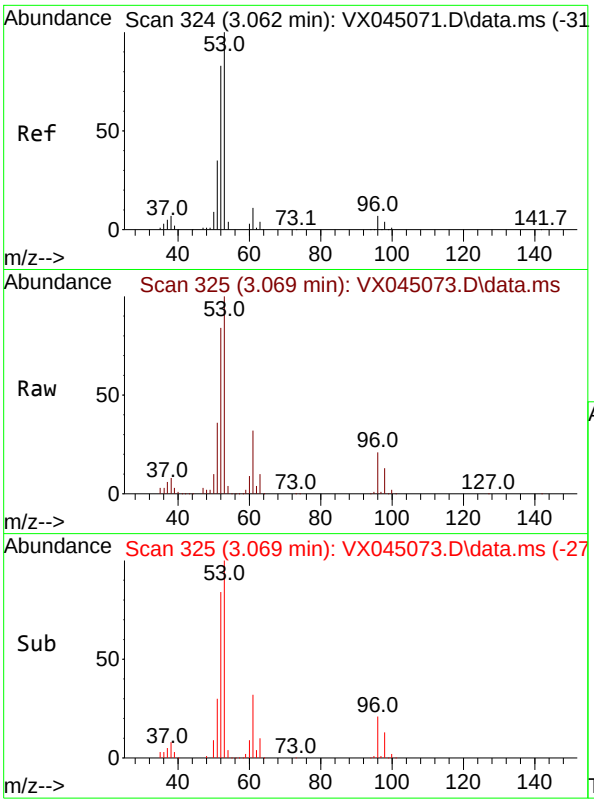


#14
Allyl chloride
Concen: 139.077 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 41 Resp: 308018

Ion	Ratio	Lower	Upper
41	100		
39	67.9	53.8	80.8
76	33.8	25.2	37.8



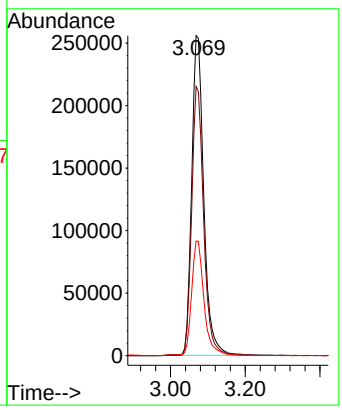


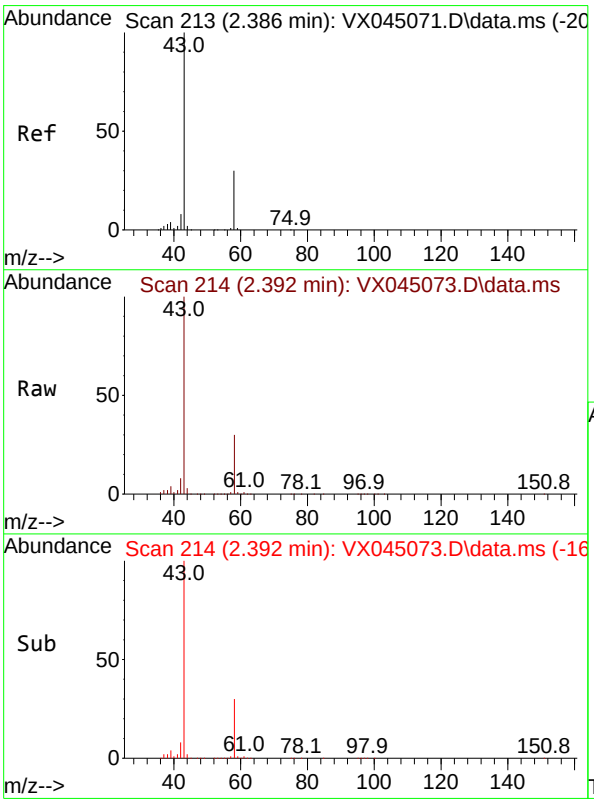
#15
Acrylonitrile
Concen: 813.990 ug/l
RT: 3.069 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 53 Resp: 573208

Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.2	99.2
51	37.0	29.0	43.4

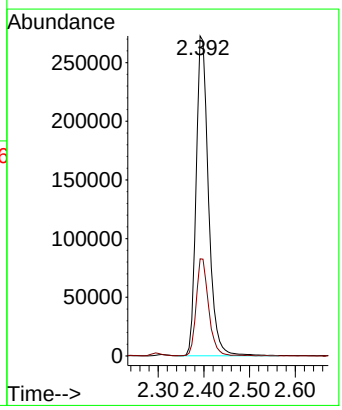


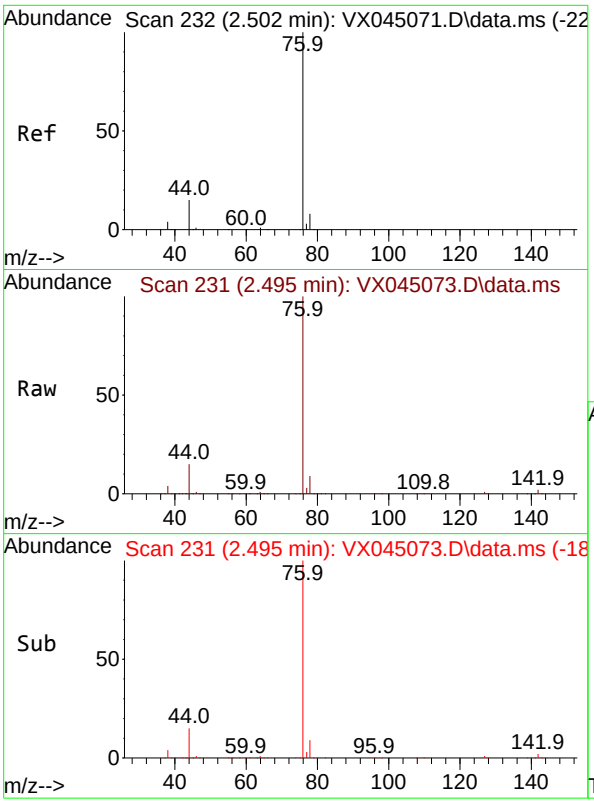


#16
Acetone
Concen: 879.387 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 43 Resp: 511828

Ion	Ratio	Lower	Upper
43	100		
58	30.3	24.2	36.4



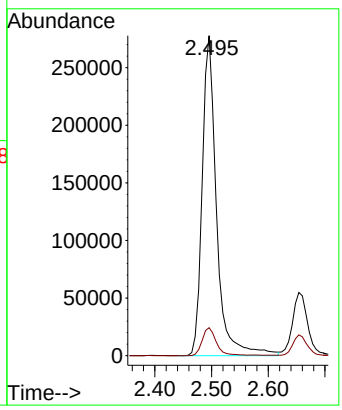


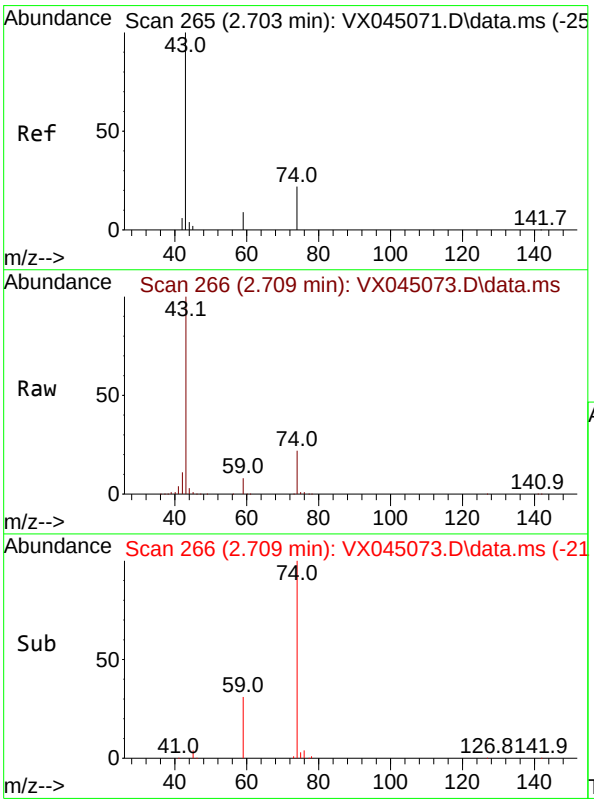
#17
Carbon Disulfide
Concen: 145.511 ug/l
RT: 2.495 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 76 Resp: 487720

Ion	Ratio	Lower	Upper
76	100		
78	8.8	6.6	9.8

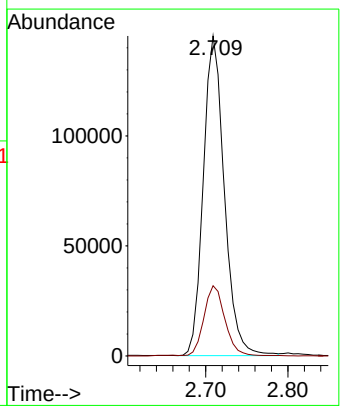


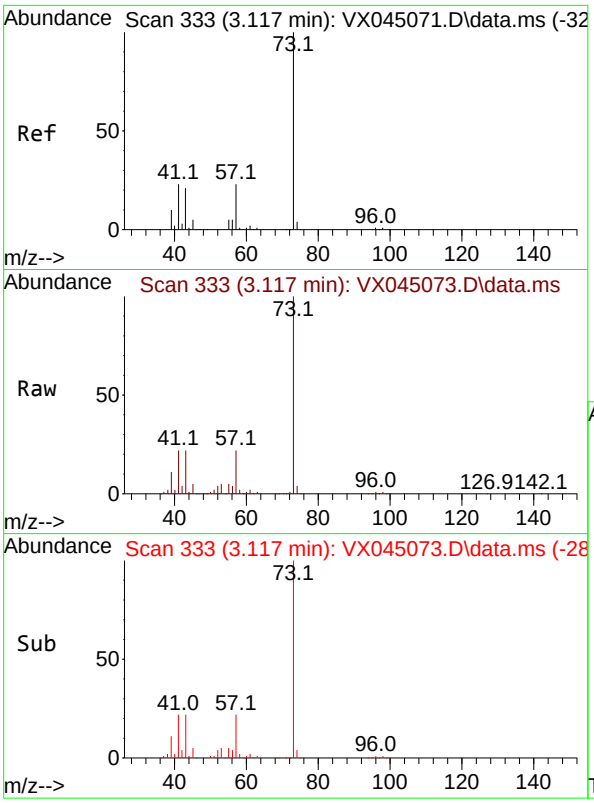


#18
Methyl Acetate
Concen: 147.347 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 43 Resp: 258303

Ion	Ratio	Lower	Upper
43	100		
74	22.0	17.4	26.2



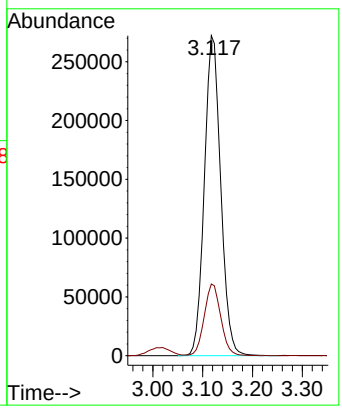


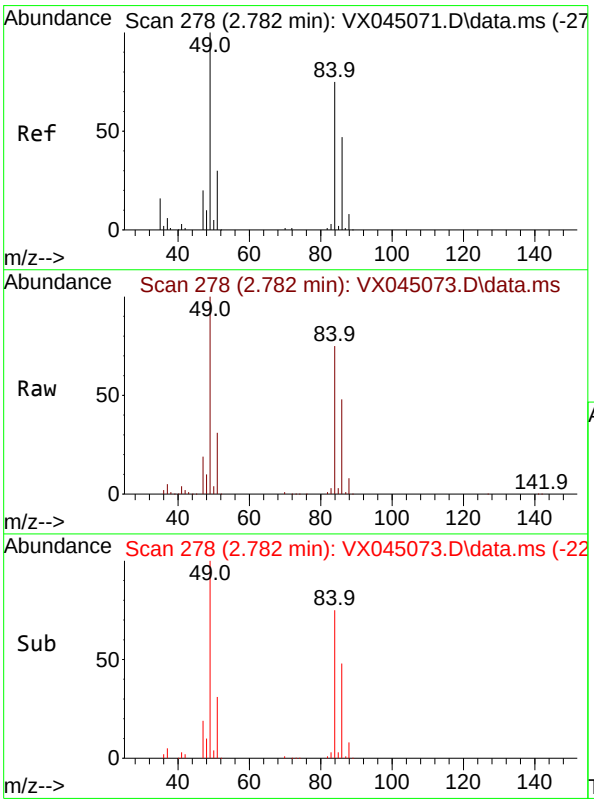
#19
Methyl tert-butyl Ether
Concen: 157.358 ug/l
RT: 3.117 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 73 Resp: 619778

Ion	Ratio	Lower	Upper
73	100		
57	22.4	18.5	27.7

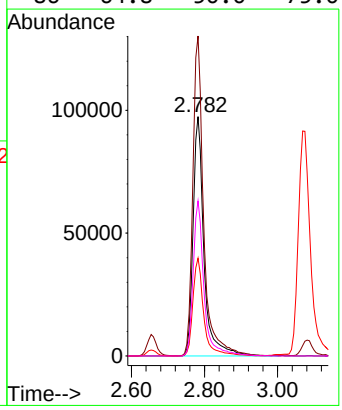


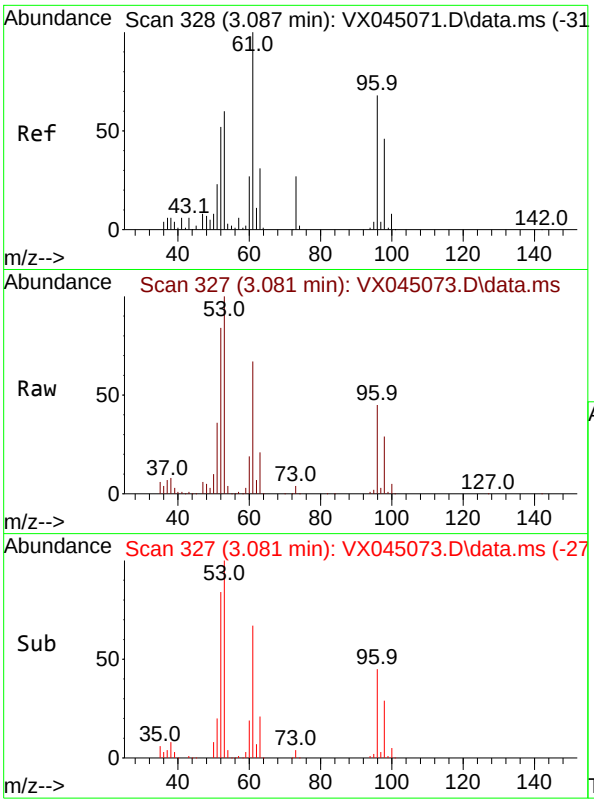


#20
Methylene Chloride
Concen: 147.198 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 84 Resp: 202913

Ion	Ratio	Lower	Upper
84	100		
49	133.6	106.5	159.7
51	40.9	32.1	48.1
86	64.8	50.0	75.0



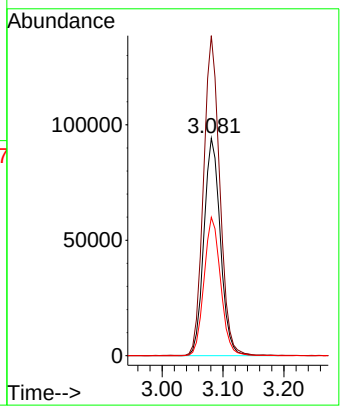


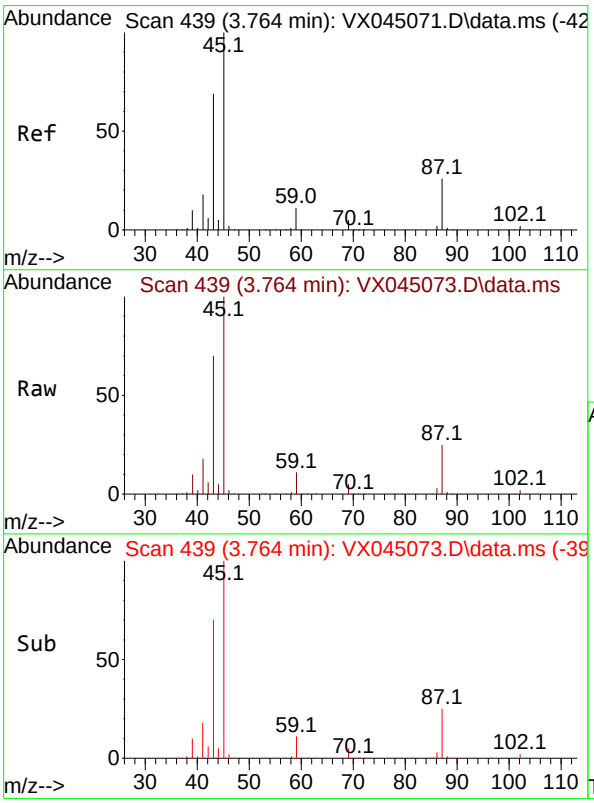
#21
trans-1,2-Dichloroethene
Concen: 146.027 ug/l
RT: 3.081 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 96 Resp: 176924

Ion	Ratio	Lower	Upper
96	100		
61	147.0	117.0	175.4
98	63.6	53.4	80.2

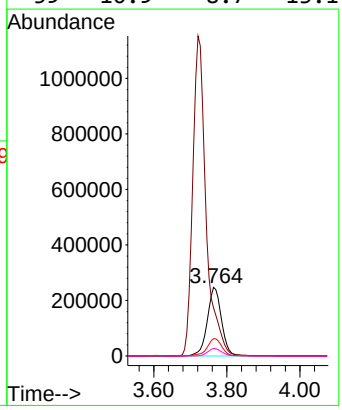


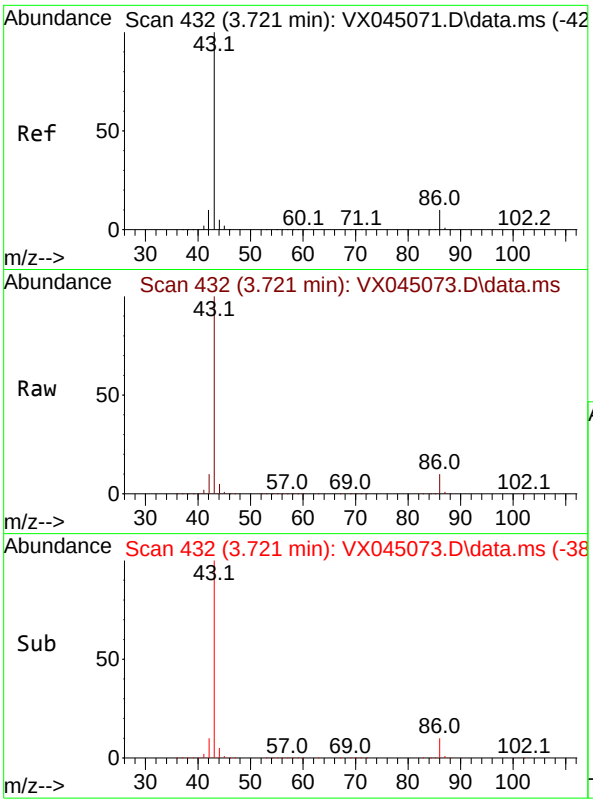


#22
Diisopropyl ether
Concen: 156.526 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 45 Resp: 662828

Ion	Ratio	Lower	Upper
45	100		
43	70.0	54.9	82.3
87	25.2	21.0	31.4
59	10.9	8.7	13.1



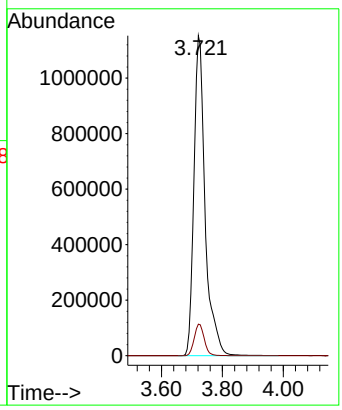


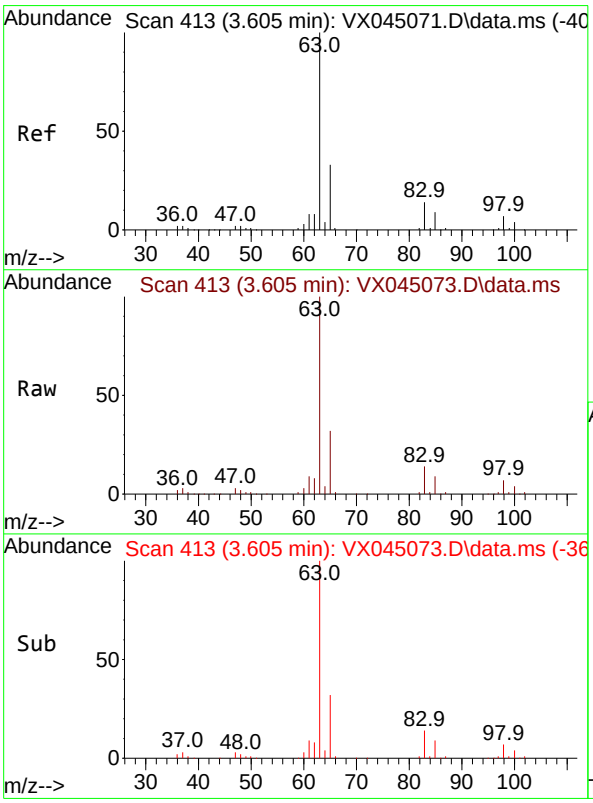
#23
Vinyl Acetate
Concen: 846.586 ug/l
RT: 3.721 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 2943150

Ion	Ratio	Lower	Upper
43	100		
86	9.8	8.1	12.1

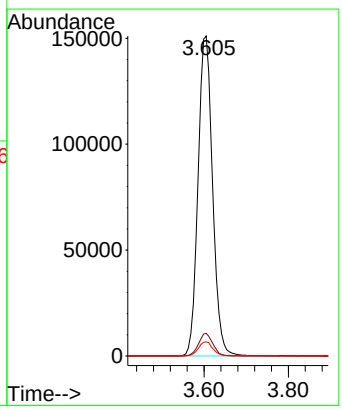


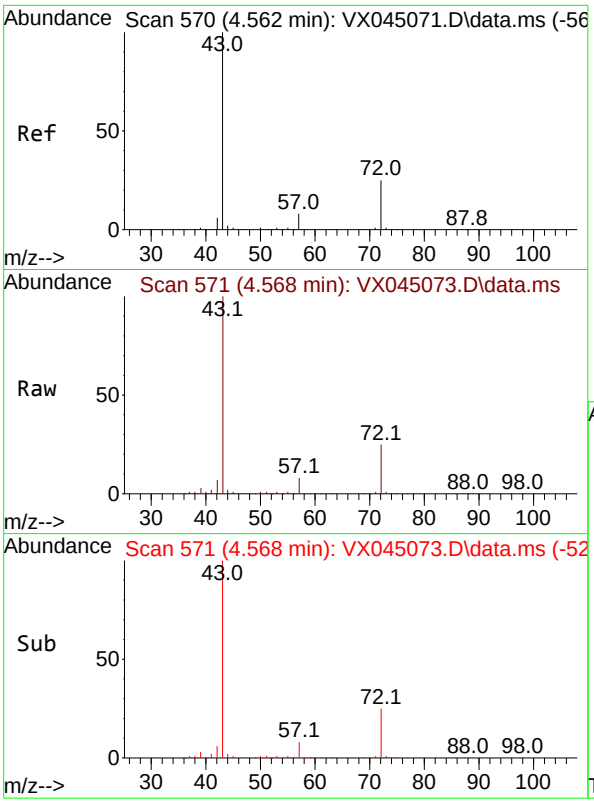


#24
1,1-Dichloroethane
Concen: 153.453 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 63 Resp: 363081

Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.4	10.2
100	4.4	2.1	6.5



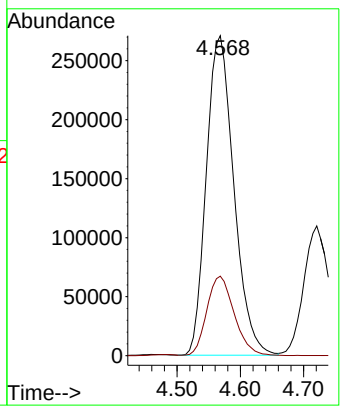


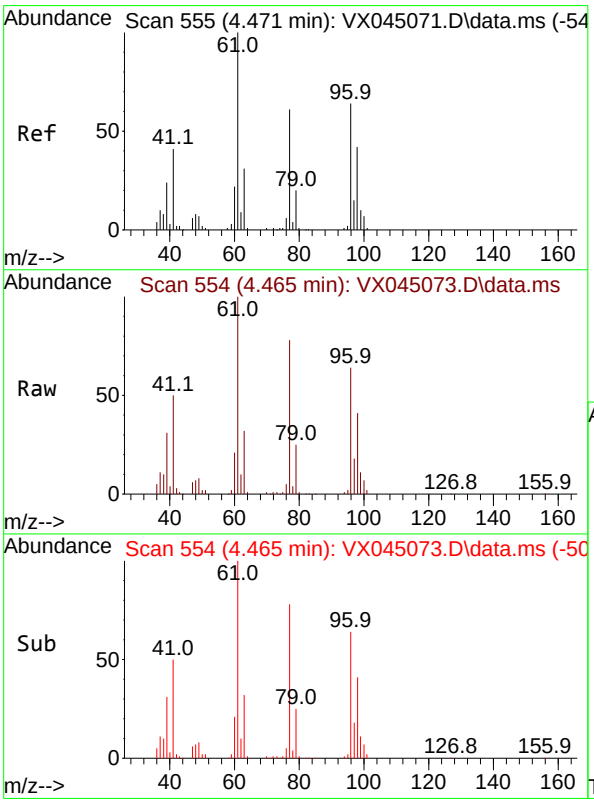
#25
2-Butanone
Concen: 872.239 ug/l
RT: 4.568 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 818497

Ion	Ratio	Lower	Upper
43	100		
72	24.7	20.0	30.0

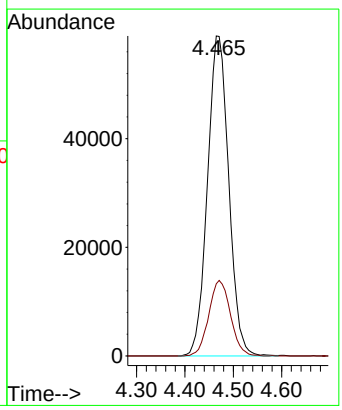


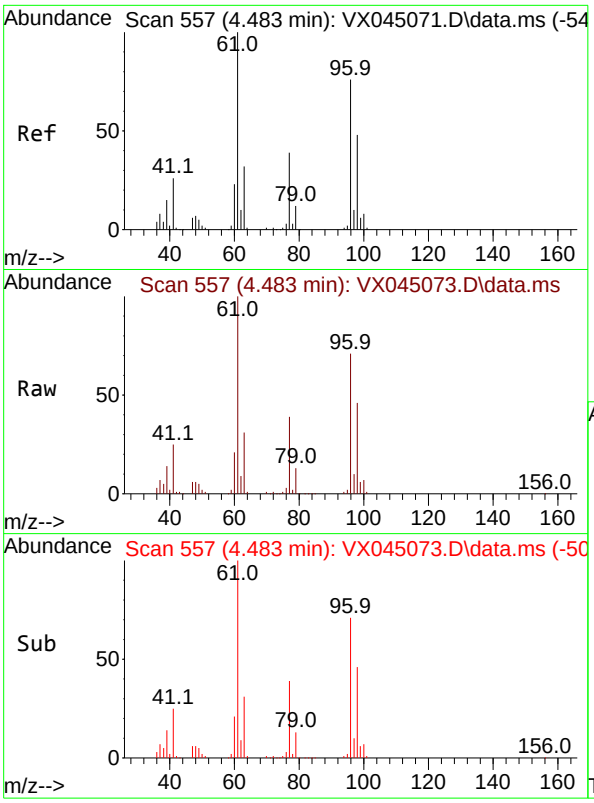


#26
2,2-Dichloropropane
Concen: 102.231 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 77 Resp: 179826

Ion	Ratio	Lower	Upper
77	100		
97	24.1	12.4	37.0



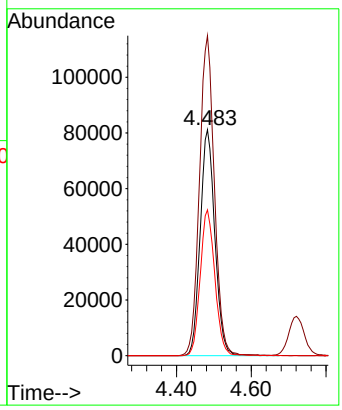


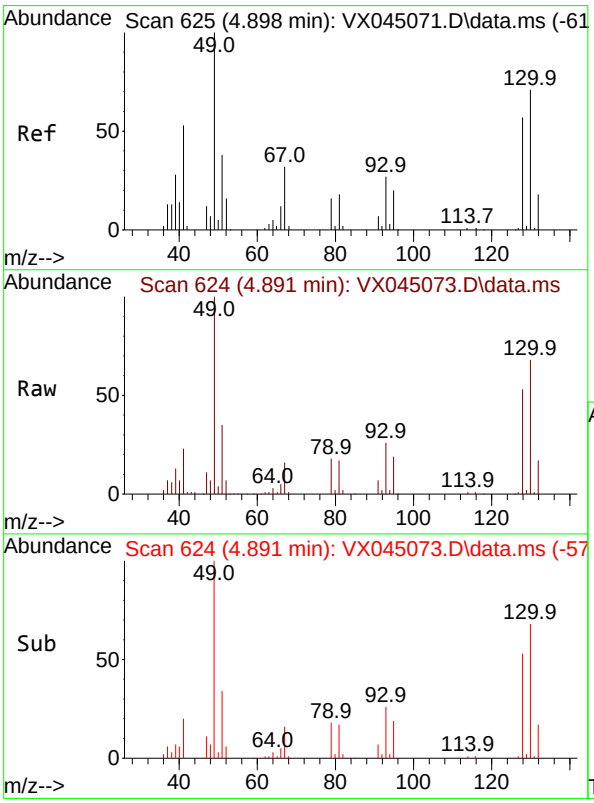
#27
cis-1,2-Dichloroethene
Concen: 151.205 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 96 Resp: 220826

Ion	Ratio	Lower	Upper
96	100		
61	144.2	0.0	283.2
98	64.3	0.0	128.0

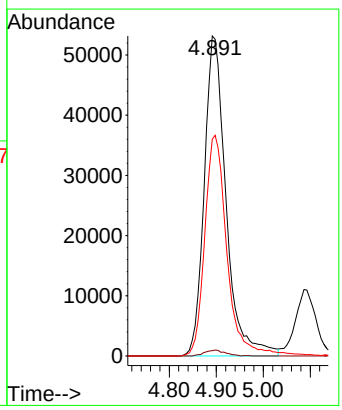


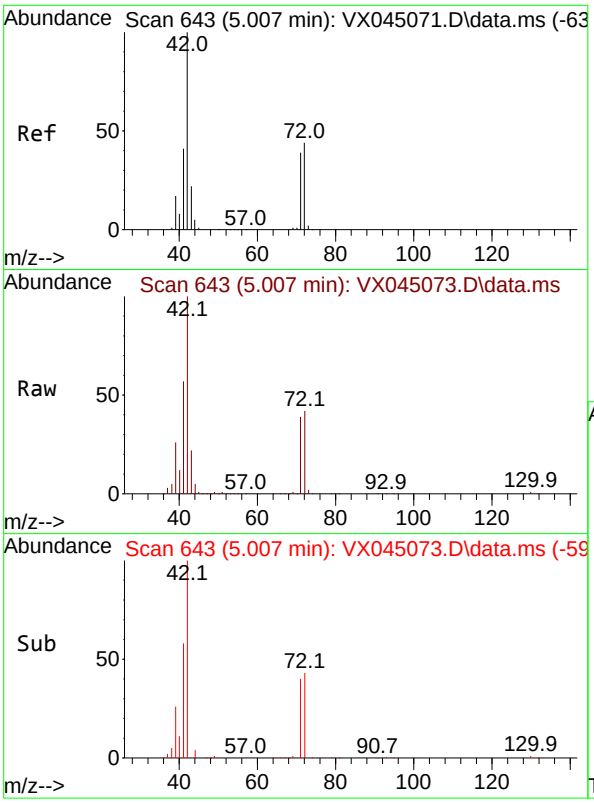


#28
Bromochloromethane
Concen: 150.105 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 49 Resp: 171273

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.4
130	70.3	56.1	84.1



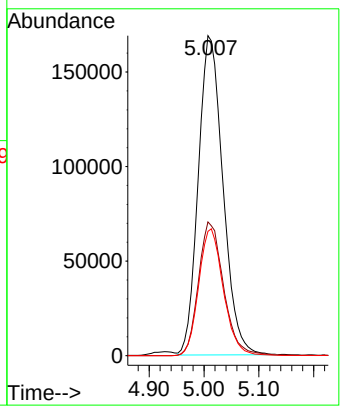


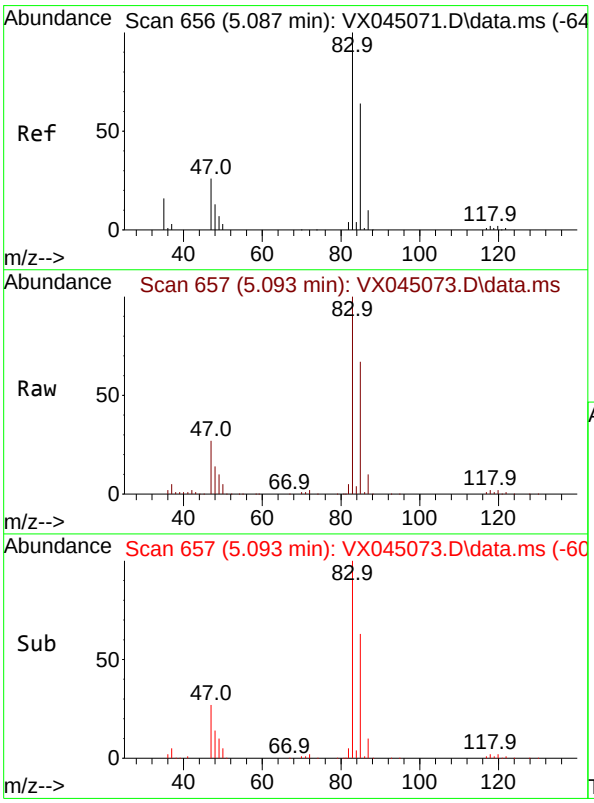
#29
Tetrahydrofuran
Concen: 850.174 ug/l
RT: 5.007 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 42 Resp: 528574

Ion	Ratio	Lower	Upper
42	100		
72	42.8	34.1	51.1
71	39.7	31.4	47.0

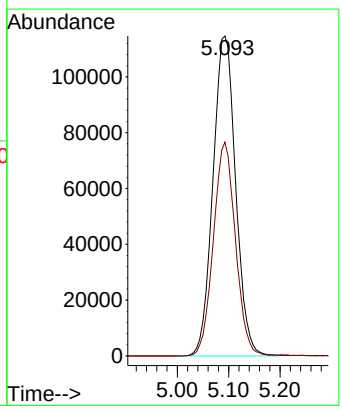


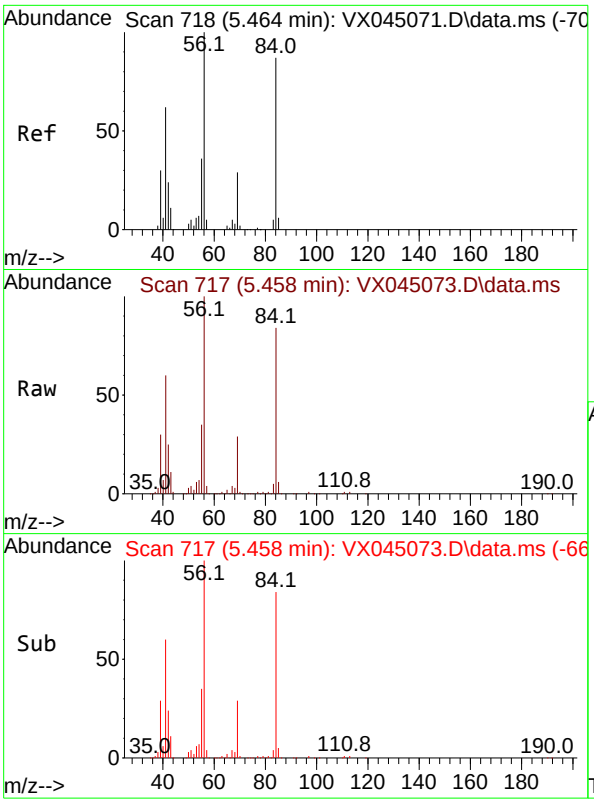


#30
Chloroform
Concen: 152.067 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 83 Resp: 351934

Ion	Ratio	Lower	Upper
83	100		
85	66.9	51.4	77.2



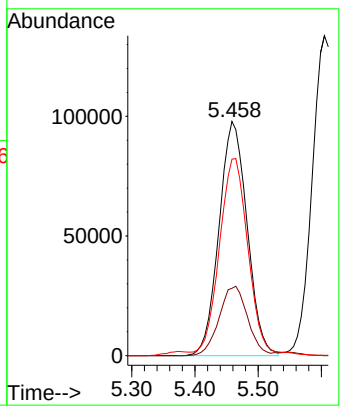


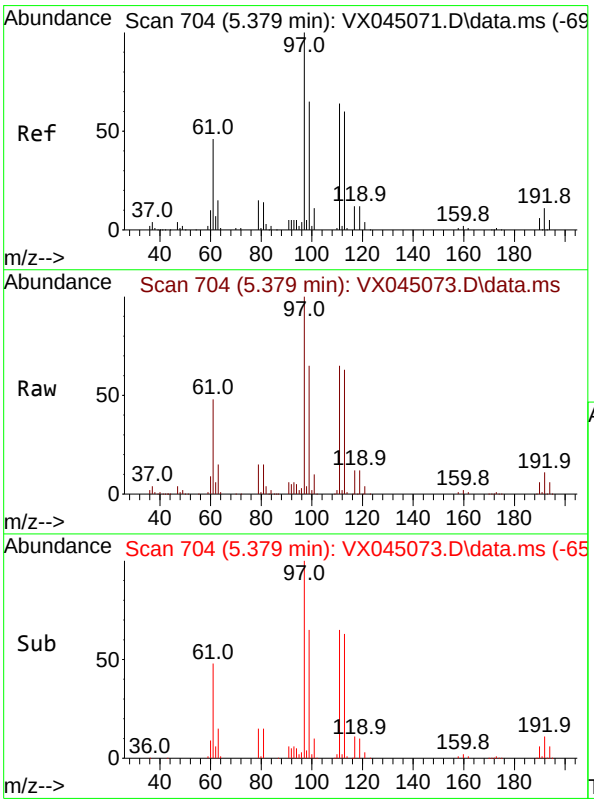
#31
Cyclohexane
Concen: 139.174 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 56 Resp: 302215

Ion	Ratio	Lower	Upper
56	100		
69	28.8	23.4	35.2
84	82.2	69.4	104.2

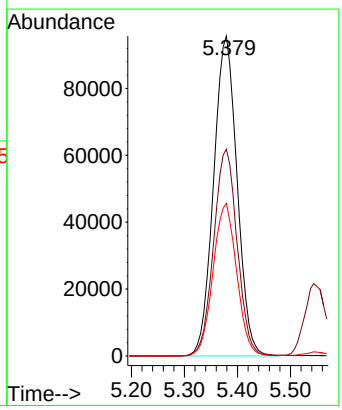


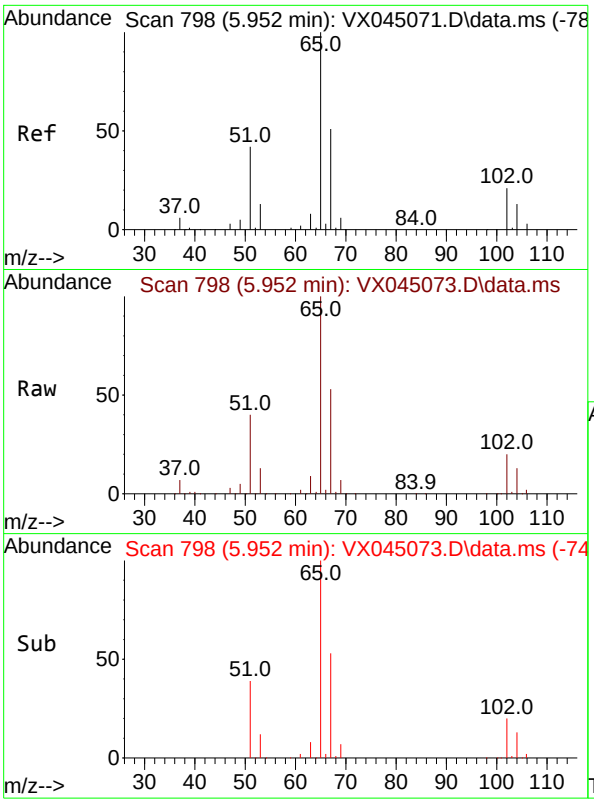


#32
1,1,1-Trichloroethane
Concen: 151.120 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 97 Resp: 294434

Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.6	77.4
61	48.1	38.4	57.6



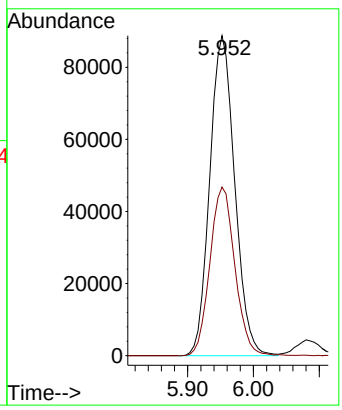


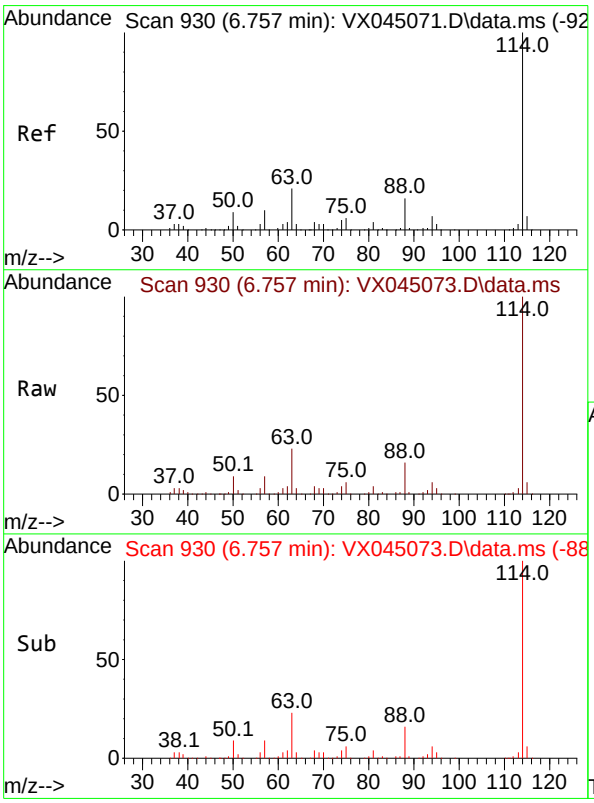
#33
1,2-Dichloroethane-d4
Concen: 165.865 ug/l
RT: 5.952 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 65 Resp: 234624

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	106.2

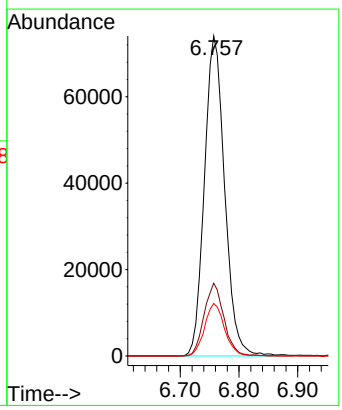


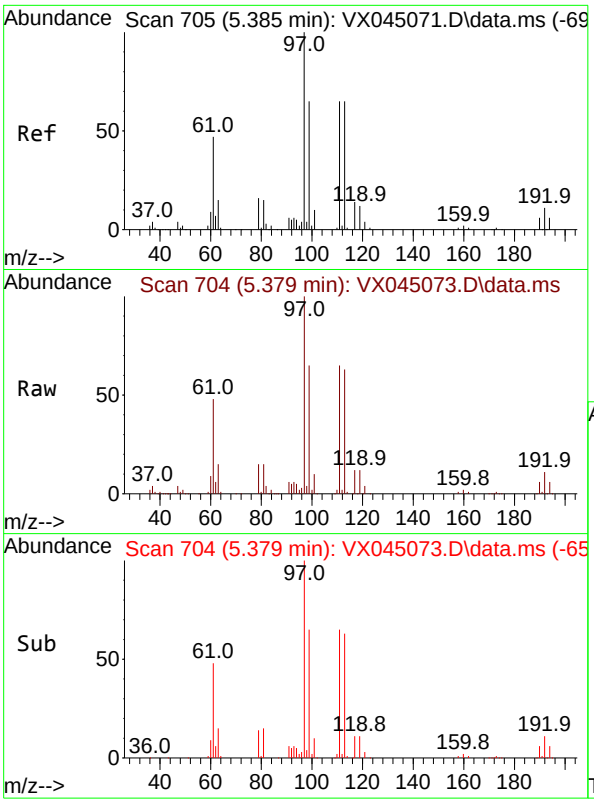


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion:114 Resp: 176991

Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	41.8
88	16.4	0.0	32.8



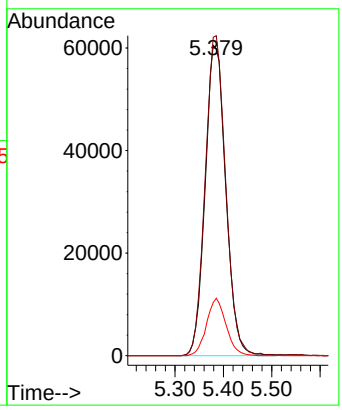


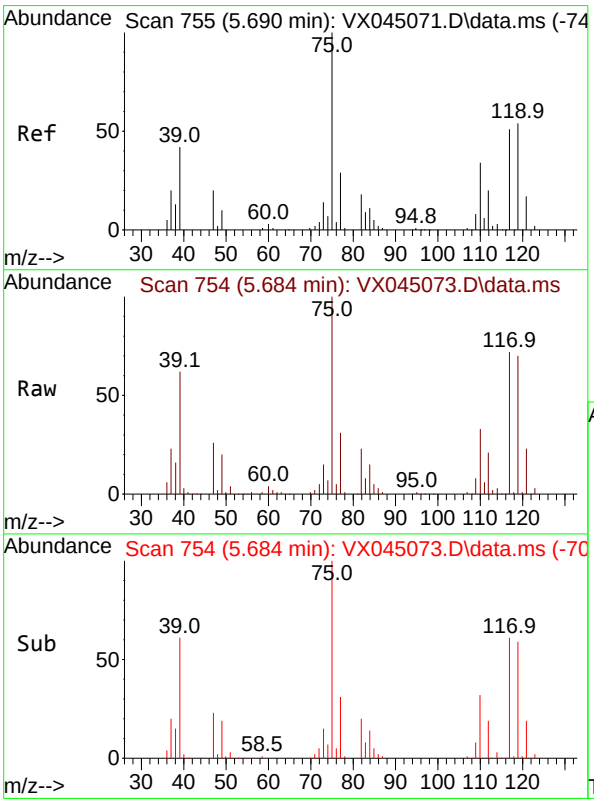
#35
Dibromofluoromethane
Concen: 155.359 ug/l
RT: 5.379 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:113 Resp: 179722

Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.8	122.6
192	17.5	14.3	21.5

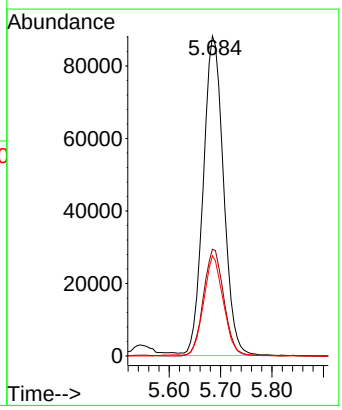


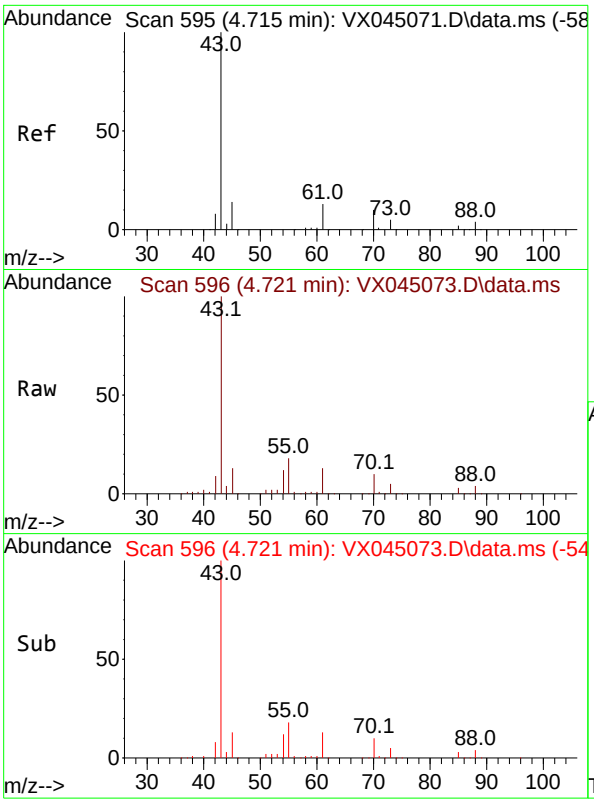


#36
1,1-Dichloropropene
Concen: 145.112 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 75 Resp: 241405

Ion	Ratio	Lower	Upper
75	100		
110	33.7	16.9	50.6
77	30.5	24.5	36.7



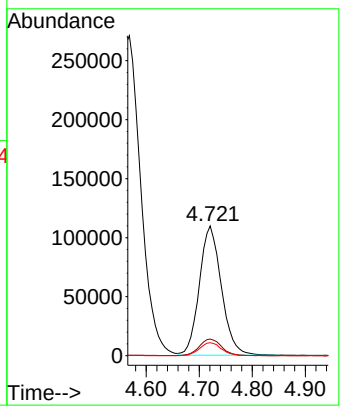


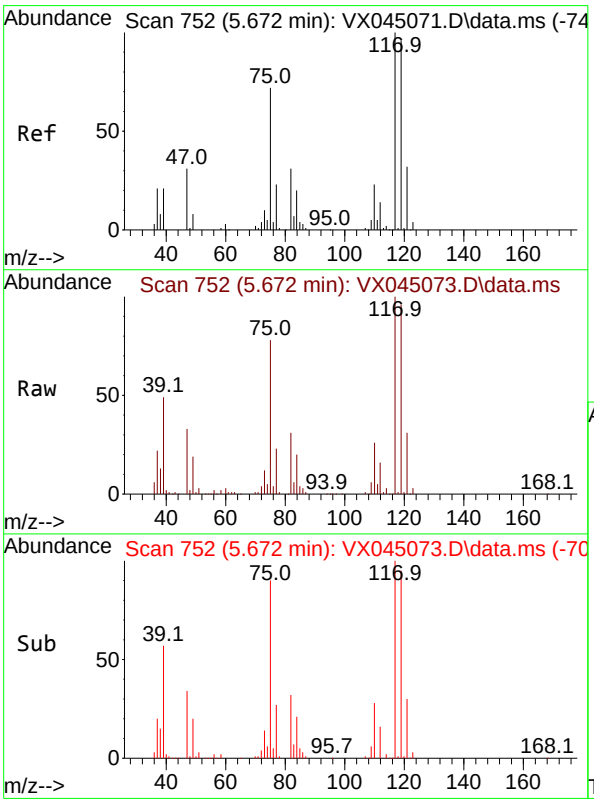
#37
Ethyl Acetate
Concen: 167.067 ug/l
RT: 4.721 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 316250

Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.8	16.2
70	10.1	7.7	11.5

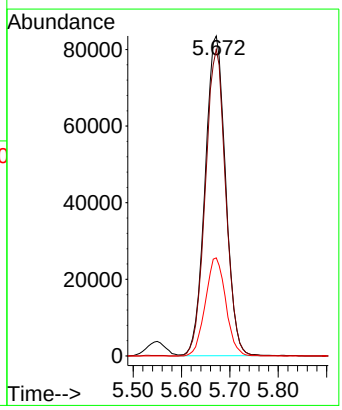


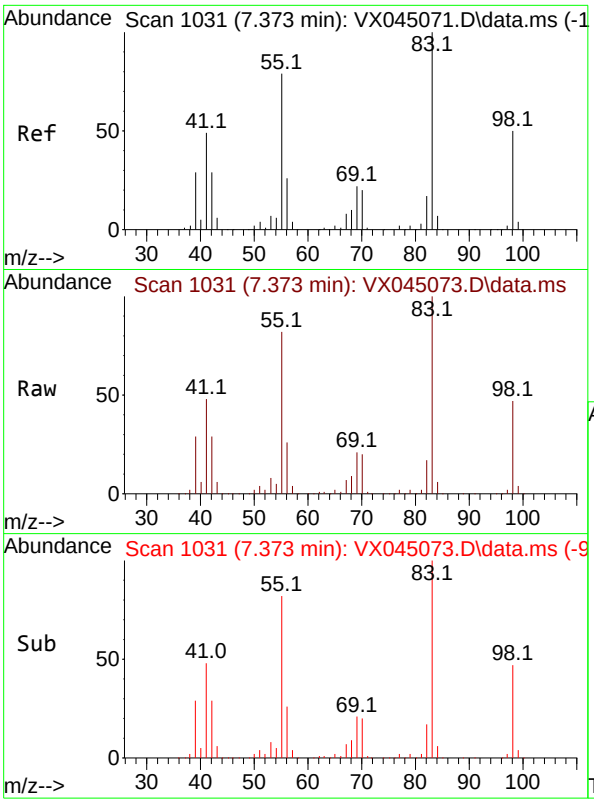


#38
Carbon Tetrachloride
Concen: 150.363 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion:117 Resp: 245917

Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.7	115.1
121	30.7	25.5	38.3



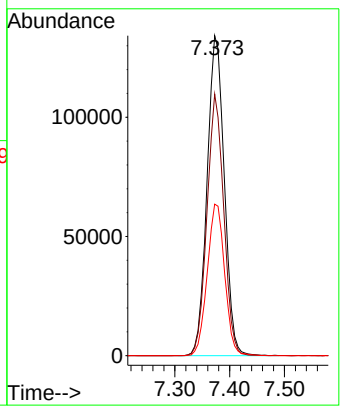


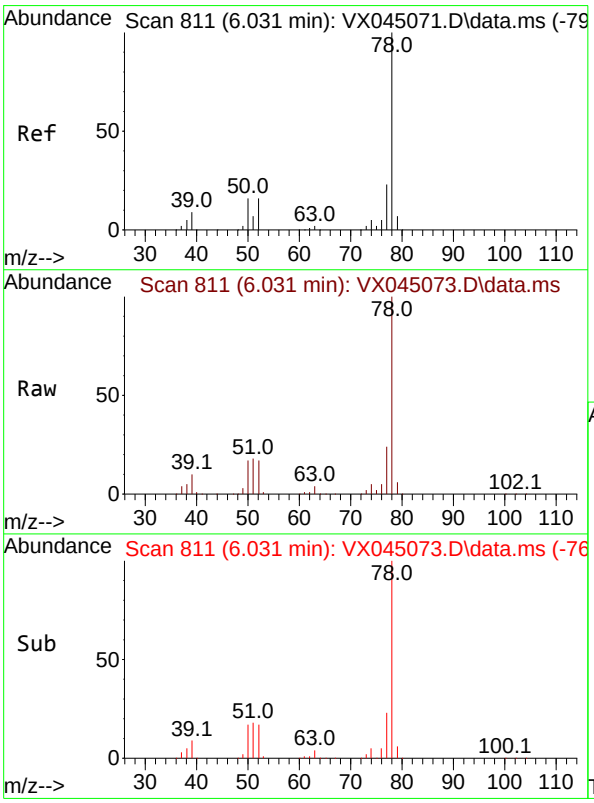
#39
Methylcyclohexane
Concen: 137.544 ug/l
RT: 7.373 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 292216

Ion	Ratio	Lower	Upper
83	100		
55	81.7	63.0	94.4
98	47.4	39.7	59.5

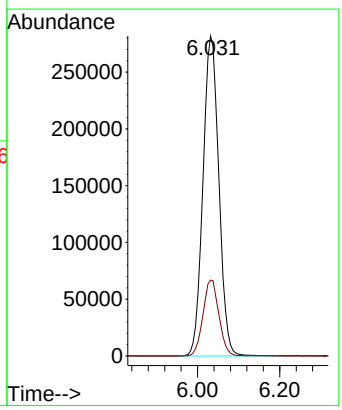


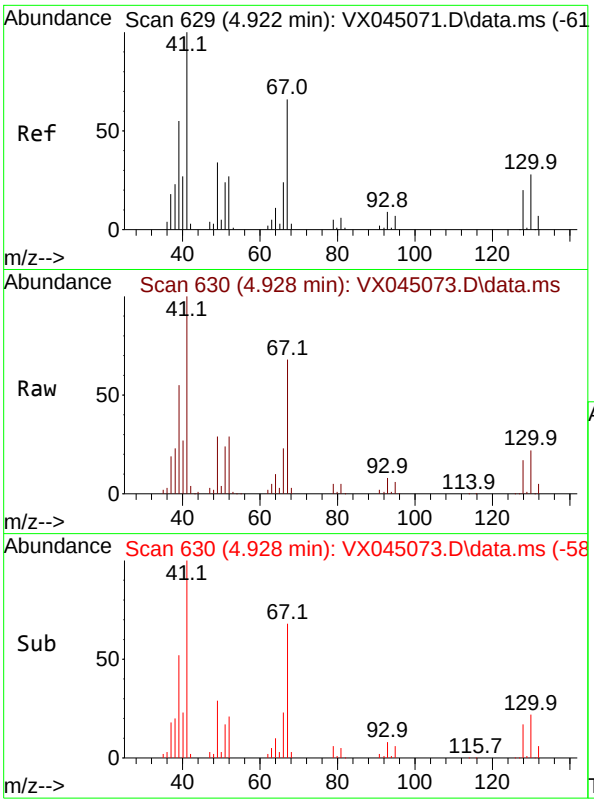


#40
Benzene
Concen: 145.368 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 78 Resp: 755854

Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.8	28.2



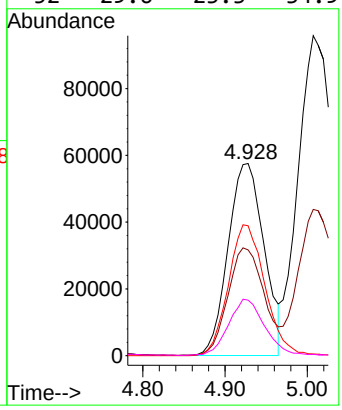


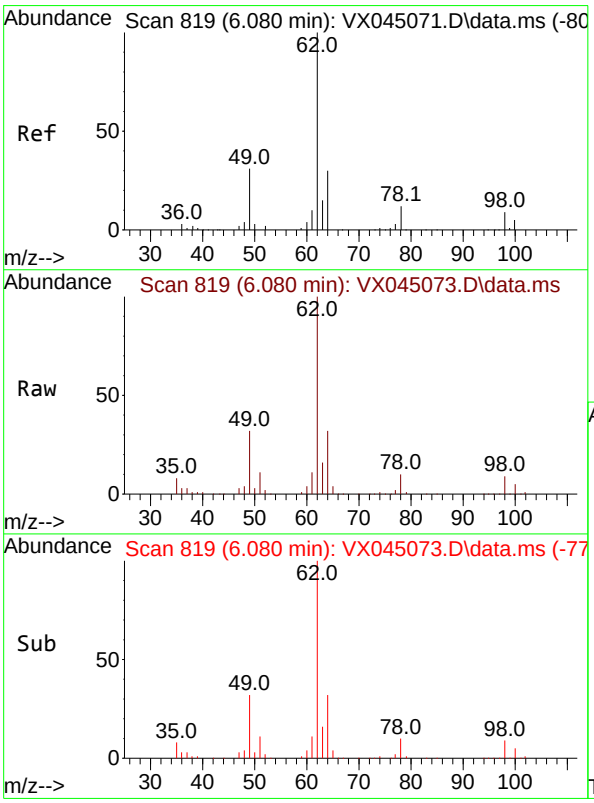
#41
Methacrylonitrile
Concen: 173.088 ug/l
RT: 4.928 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 41 Resp: 175023

Ion	Ratio	Lower	Upper
41	100		
39	55.9	44.6	67.0
67	69.5	53.9	80.9
52	29.6	23.3	34.9

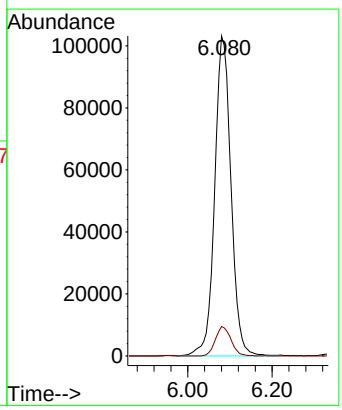


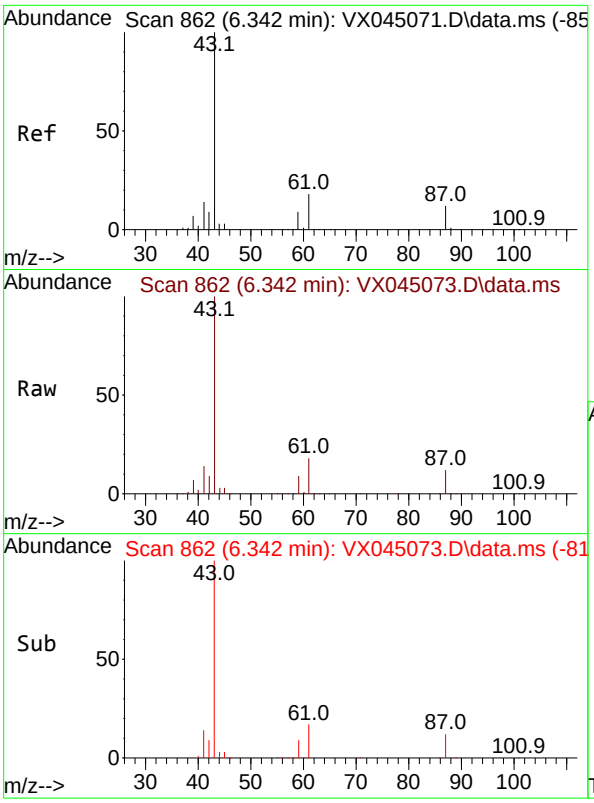


#42
1,2-Dichloroethane
Concen: 163.872 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 62 Resp: 276129

Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	18.2



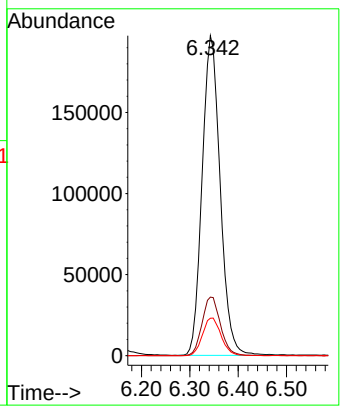


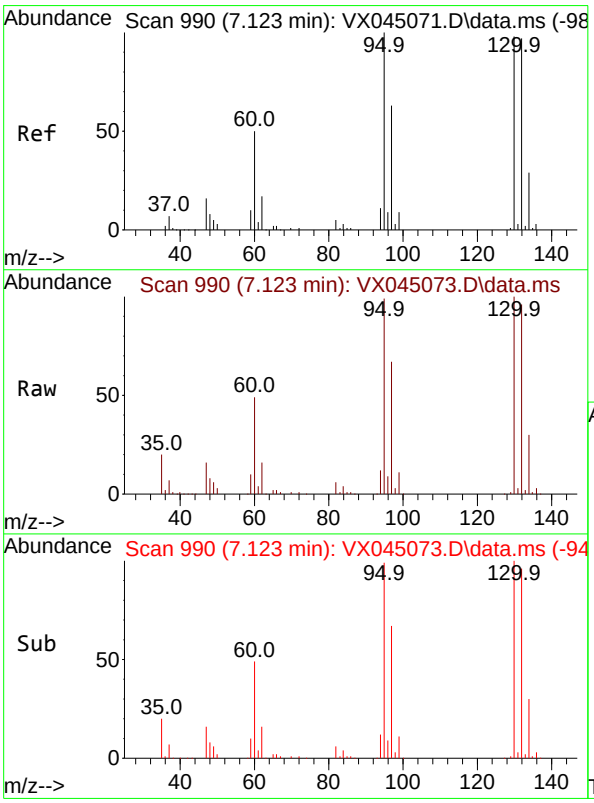
#43
Isopropyl Acetate
Concen: 169.804 ug/l
RT: 6.342 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 511643

Ion	Ratio	Lower	Upper
43	100		
61	18.7	14.9	22.3
87	12.1	9.4	14.2

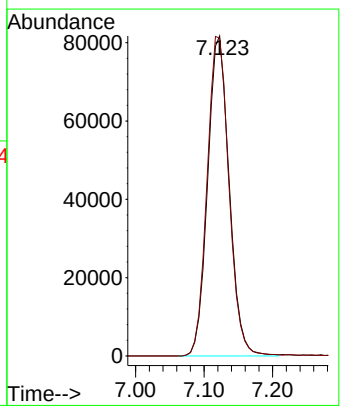


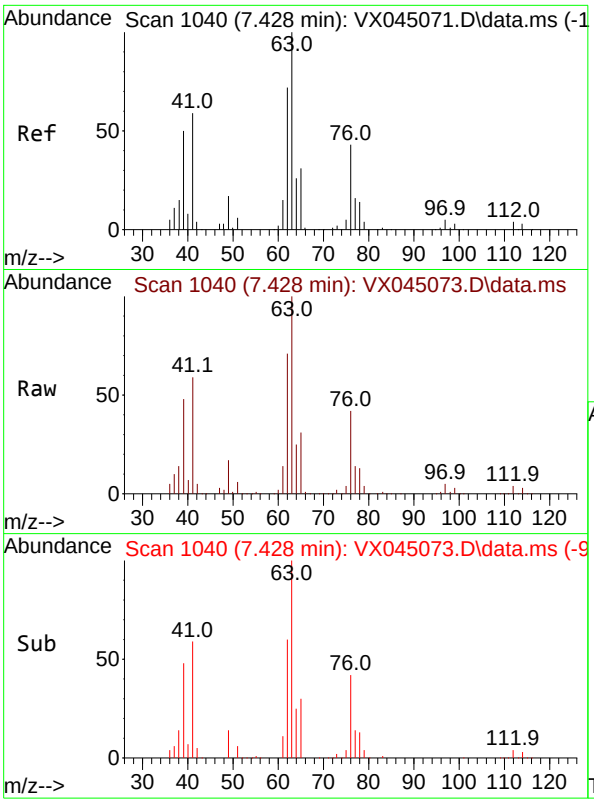


#44
Trichloroethene
Concen: 150.181 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion:130 Resp: 178483

Ion	Ratio	Lower	Upper
130	100		
95	99.3	0.0	205.0



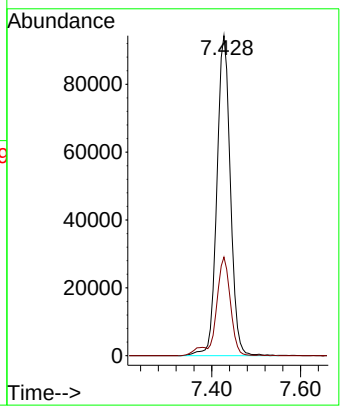


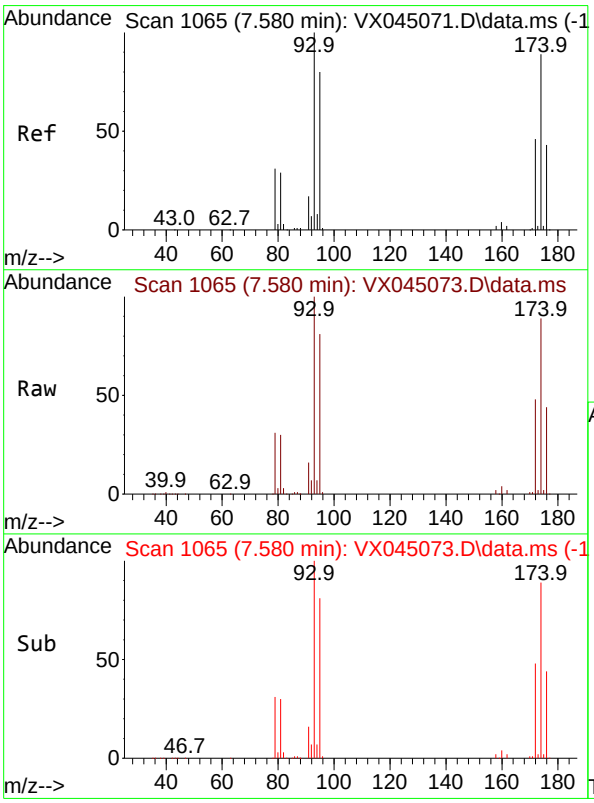
#45
1,2-Dichloropropane
Concen: 153.334 ug/l
RT: 7.428 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 63 Resp: 198135

Ion	Ratio	Lower	Upper
63	100		
65	30.8	24.7	37.1

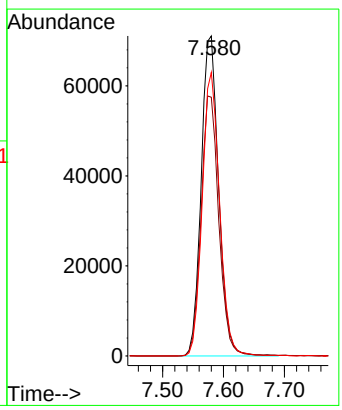


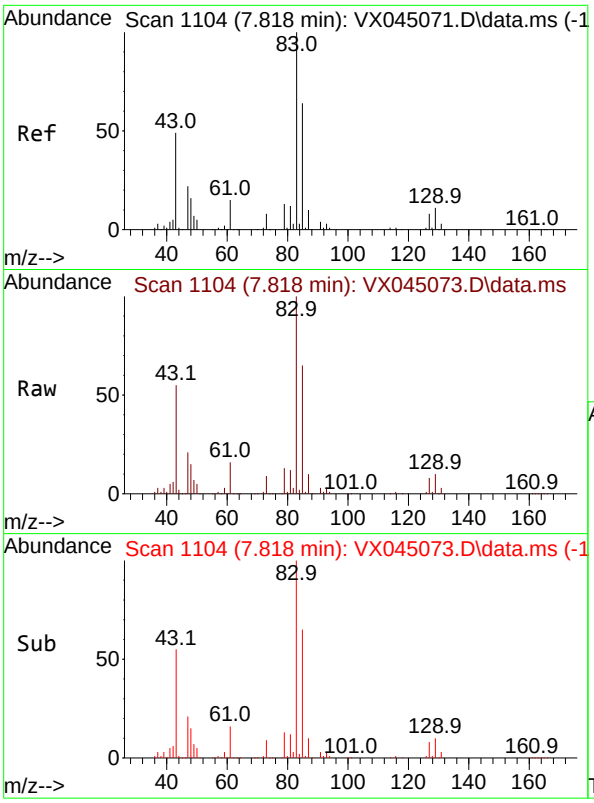


#46
Dibromomethane
Concen: 157.443 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 93 Resp: 142119

Ion	Ratio	Lower	Upper
93	100		
95	82.6	65.8	98.8
174	88.2	72.2	108.2



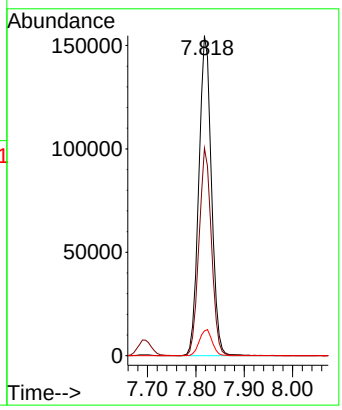


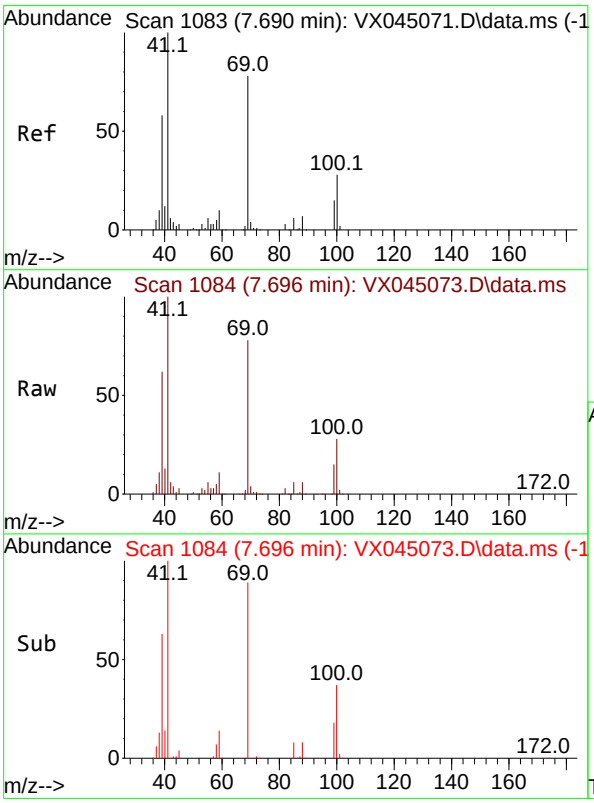
#47
Bromodichloromethane
Concen: 160.492 ug/l
RT: 7.818 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 280255

Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.1	76.7
127	7.8	6.4	9.6

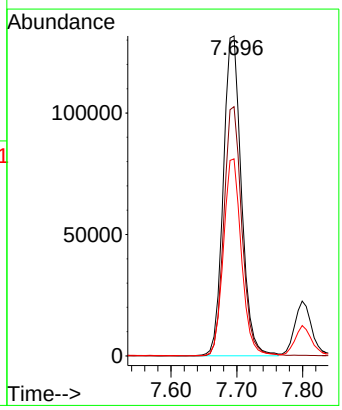


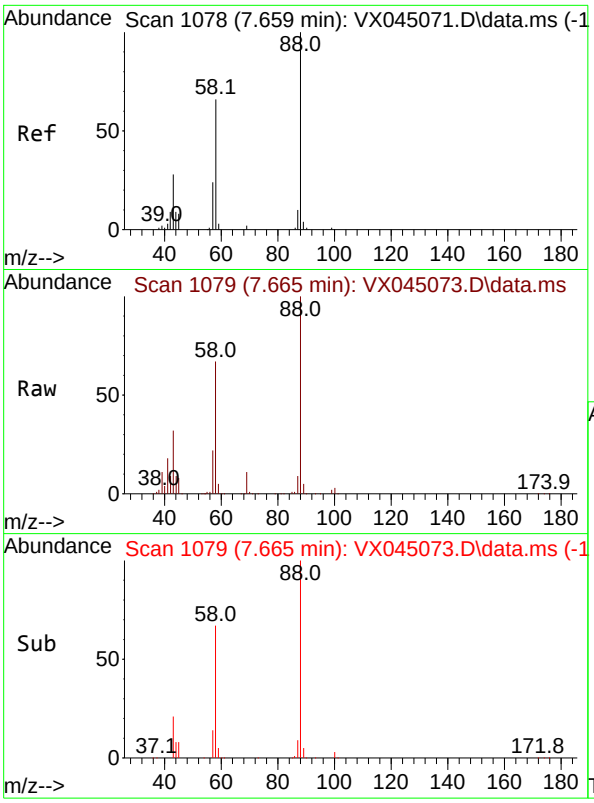


#48
Methyl methacrylate
Concen: 176.370 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 41 Resp: 252275

Ion	Ratio	Lower	Upper
41	100		
69	78.1	63.0	94.6
39	61.1	47.5	71.3



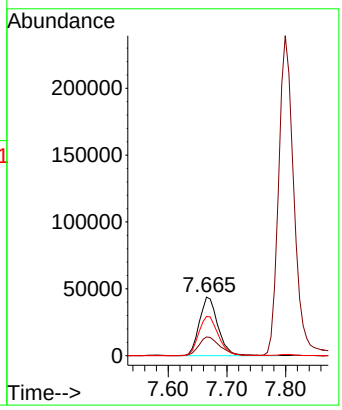


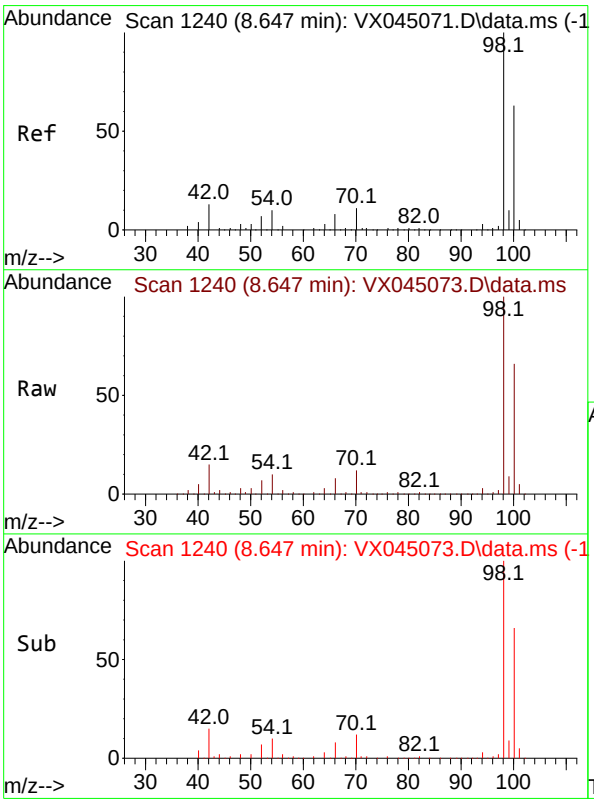
#49
1,4-Dioxane
Concen: 3166.423 ug/l
RT: 7.665 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 88 Resp: 96268

Ion	Ratio	Lower	Upper
88	100		
43	37.0	28.7	43.1
58	70.8	55.8	83.8

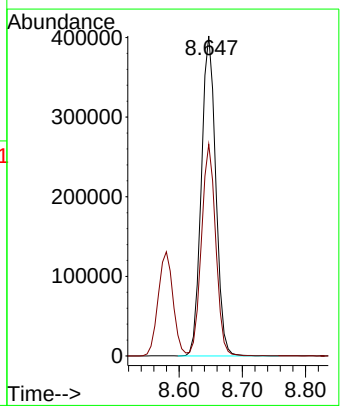


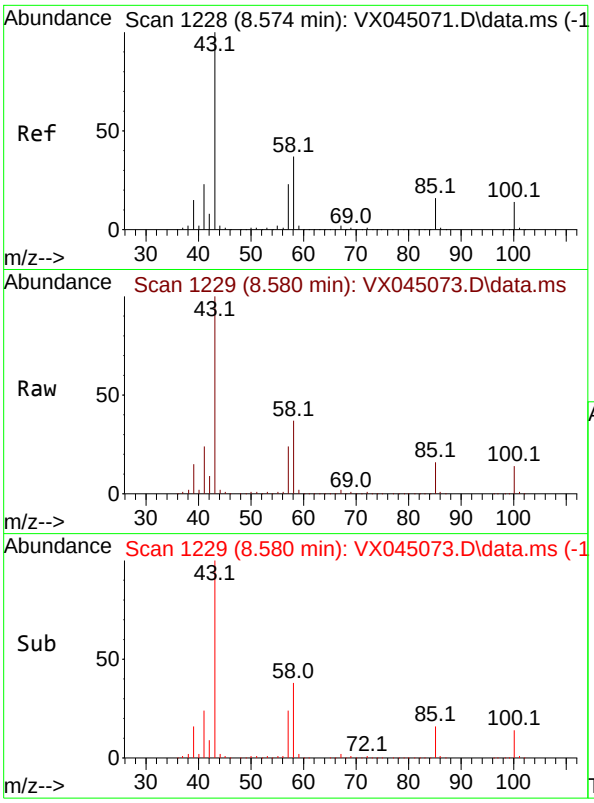


#50
Toluene-d8
Concen: 147.538 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 98 Resp: 638979

Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.0	78.0



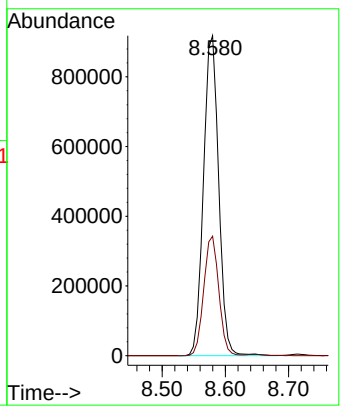


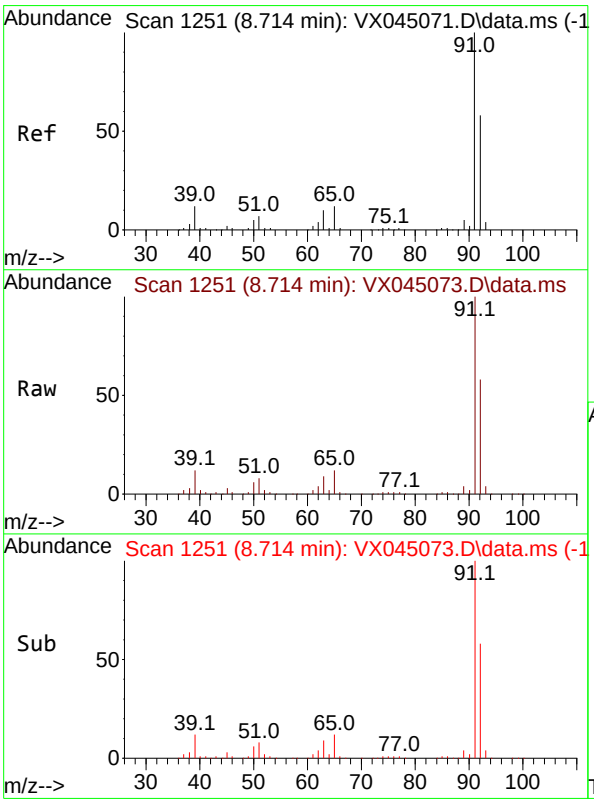
#51
4-Methyl-2-Pentanone
Concen: 832.051 ug/l
RT: 8.580 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 1536157

Ion	Ratio	Lower	Upper
43	100		
58	37.1	29.2	43.8

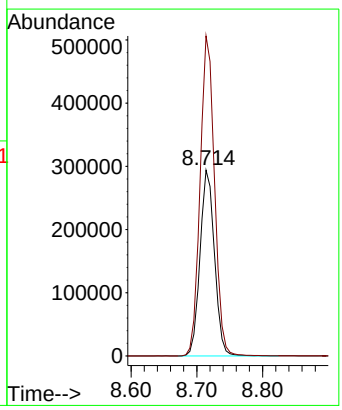


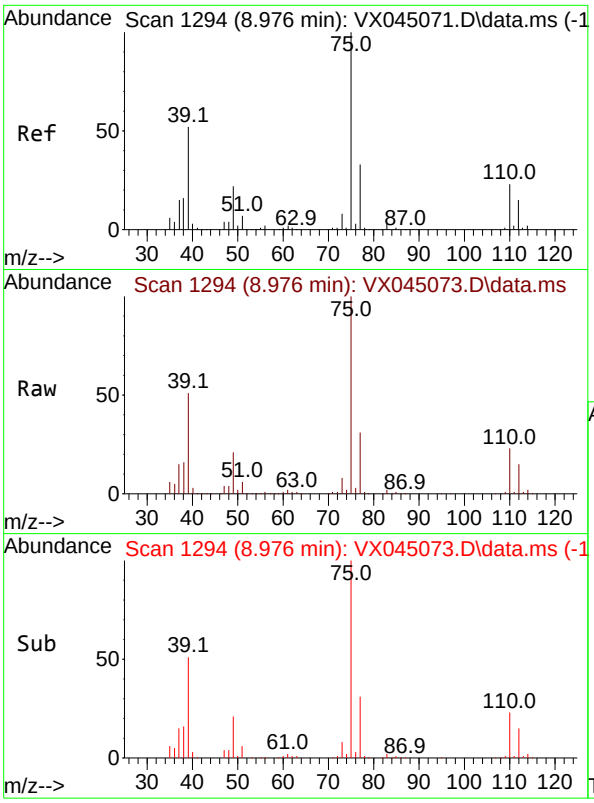


#52
Toluene
Concen: 145.321 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 92 Resp: 448664

Ion	Ratio	Lower	Upper
92	100		
91	172.3	138.9	208.3



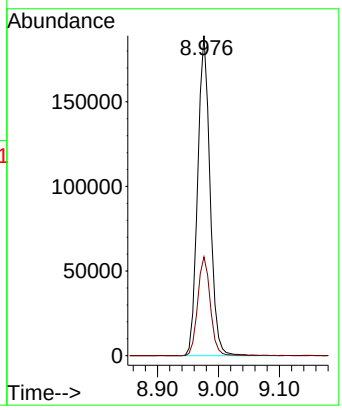


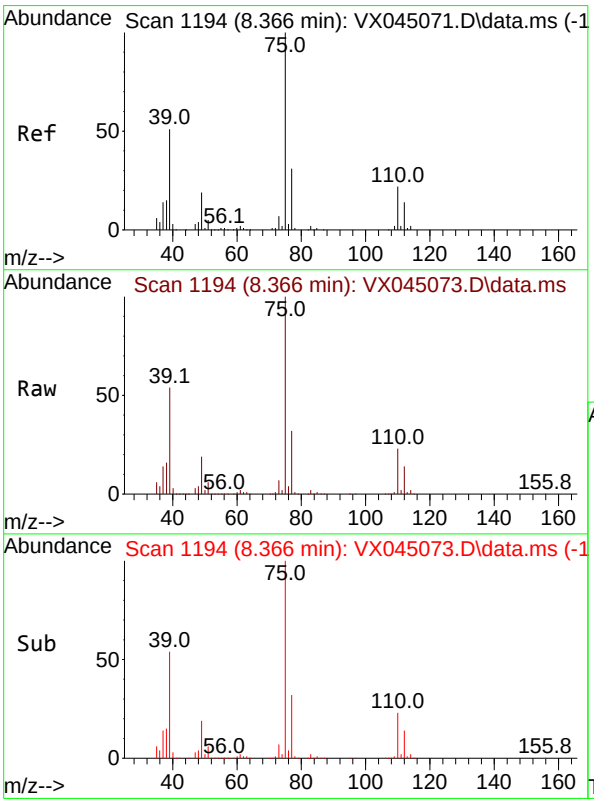
#53
t-1,3-Dichloropropene
Concen: 154.373 ug/l
RT: 8.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 75 Resp: 266444

Ion	Ratio	Lower	Upper
75	100		
77	30.9	26.5	39.7

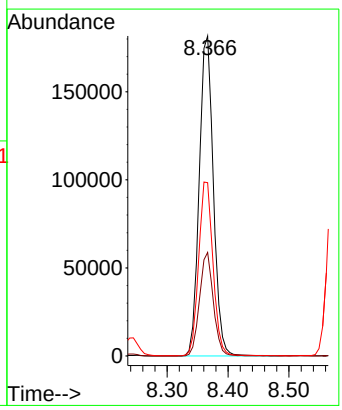


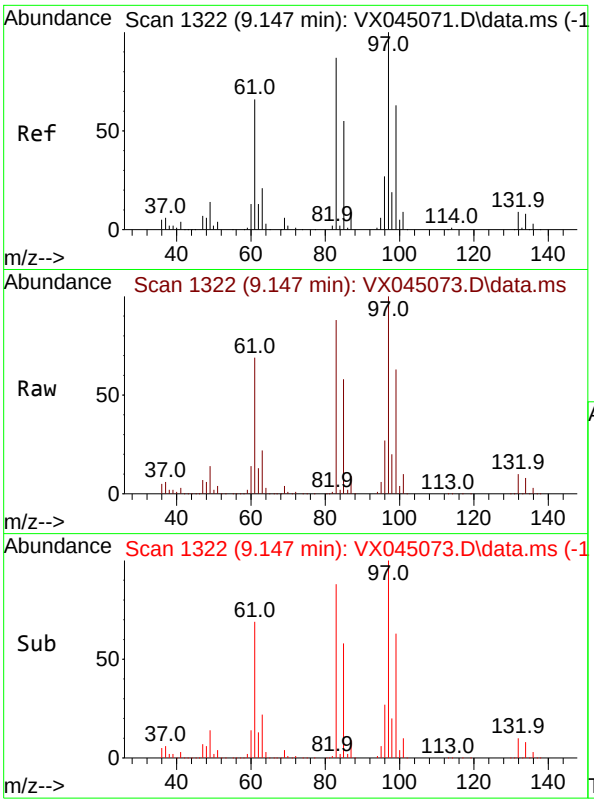


#54
cis-1,3-Dichloropropene
Concen: 152.117 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 75 Resp: 293521

Ion	Ratio	Lower	Upper
75	100		
77	32.3	24.7	37.1
39	54.0	40.7	61.1



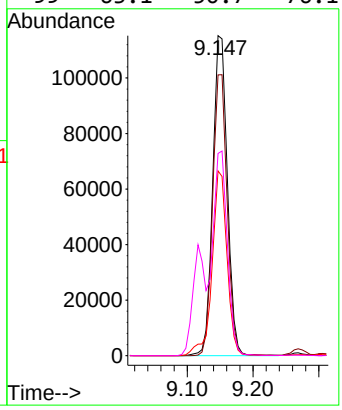


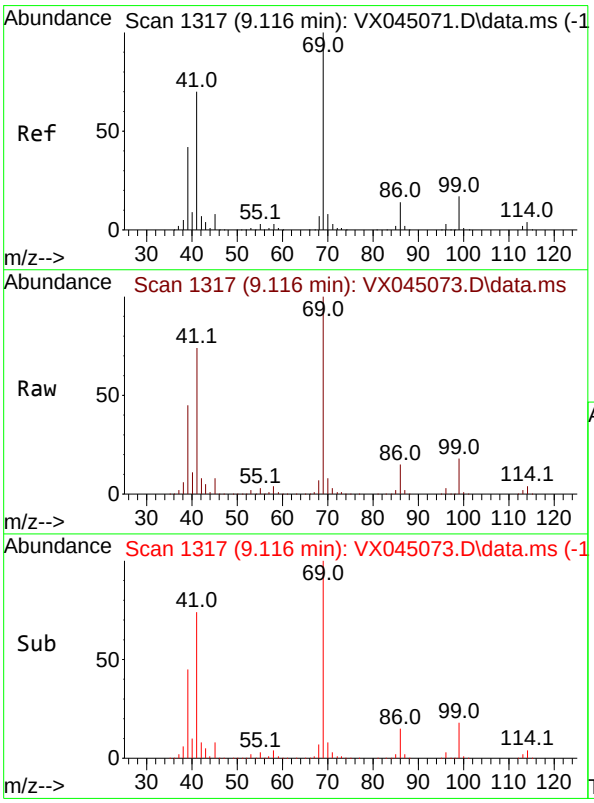
#55
1,1,2-Trichloroethane
Concen: 149.046 ug/l
RT: 9.147 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 97 Resp: 178217

Ion	Ratio	Lower	Upper
97	100		
83	87.8	69.4	104.2
85	57.8	44.1	66.1
99	63.1	50.7	76.1

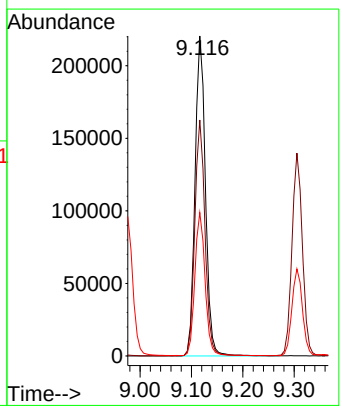


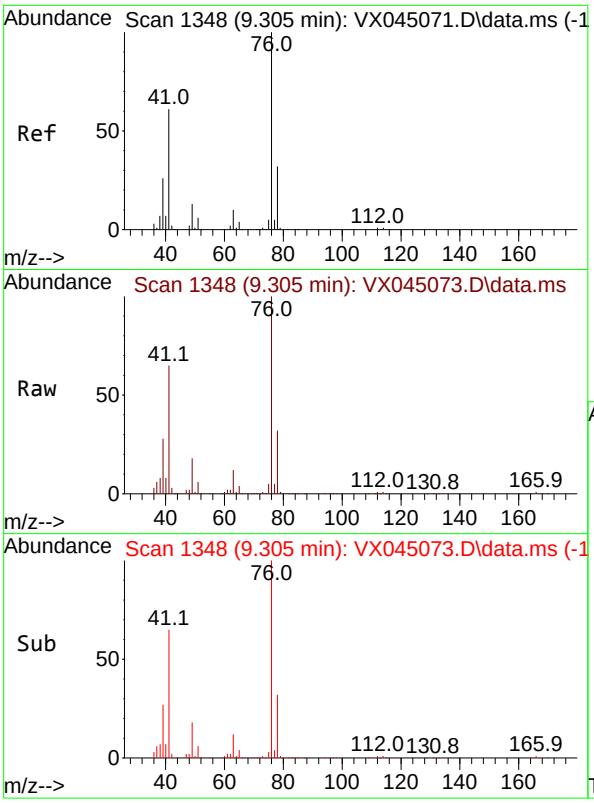


#56
Ethyl methacrylate
Concen: 162.631 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 69 Resp: 310992

Ion	Ratio	Lower	Upper
69	100		
41	72.6	57.0	85.4
39	44.2	34.2	51.4



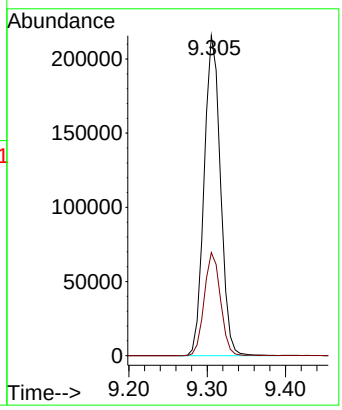


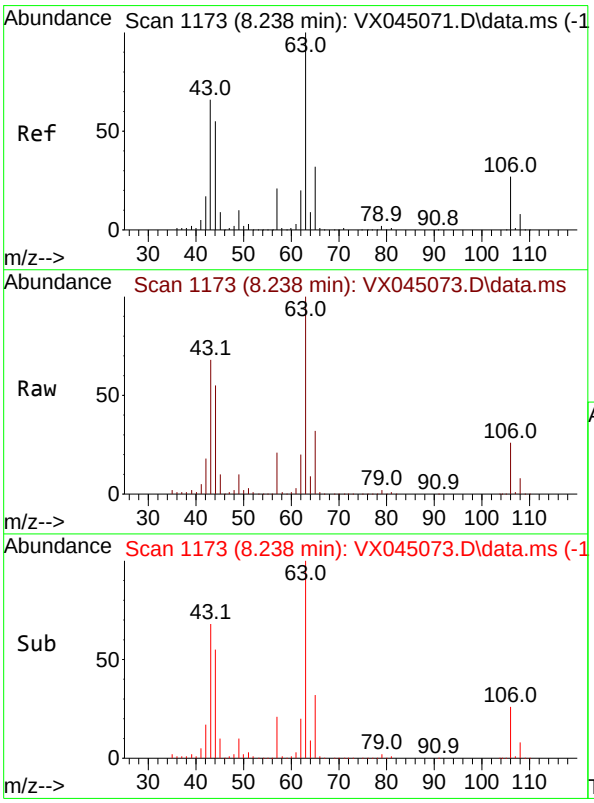
#57
1,3-Dichloropropane
Concen: 149.699 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 76 Resp: 312196

Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.5	38.3

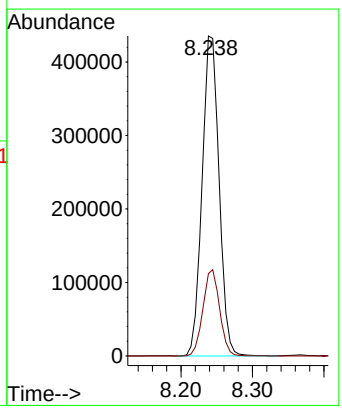


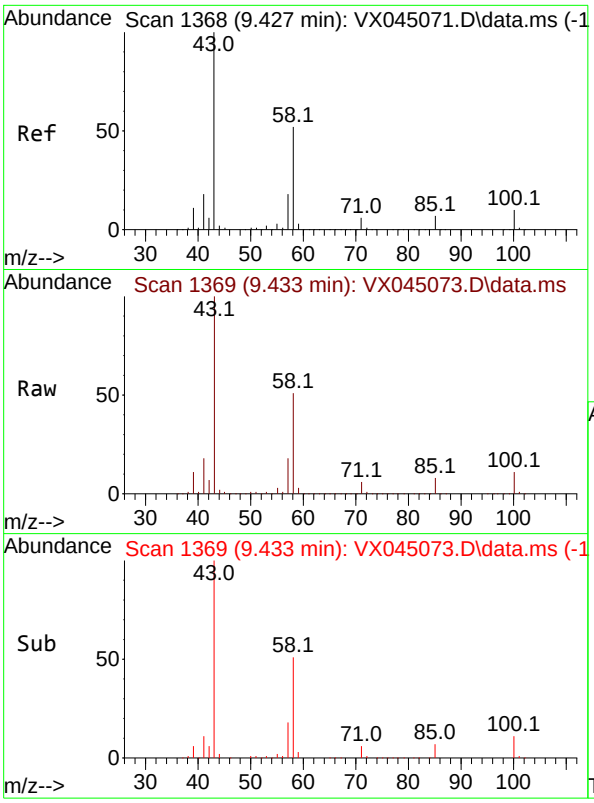


#58
2-Chloroethyl Vinyl ether
Concen: 764.019 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 63 Resp: 717328

Ion	Ratio	Lower	Upper
63	100		
106	26.5	21.5	32.3



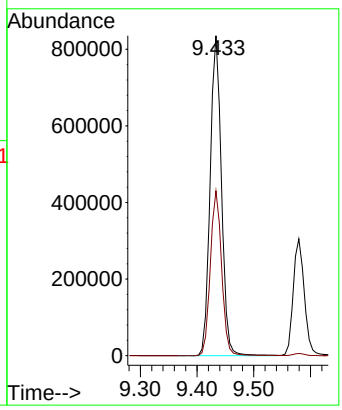


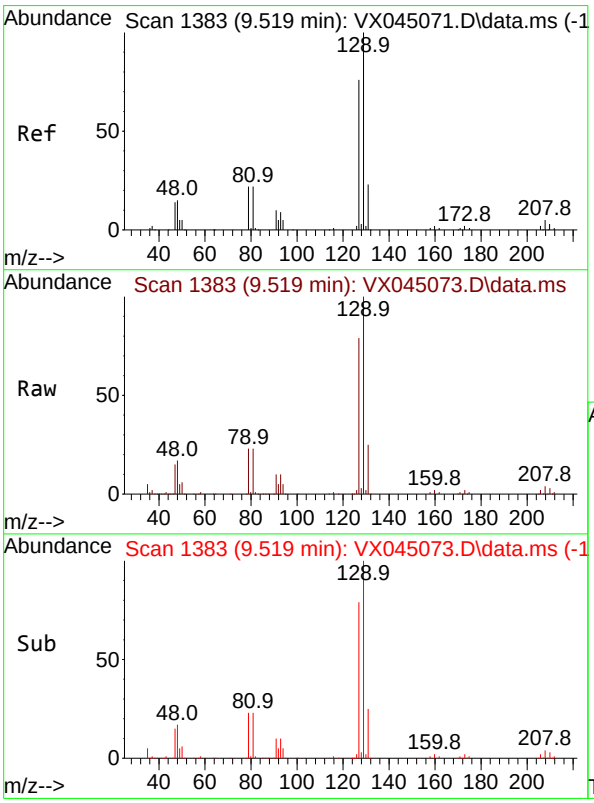
#59
2-Hexanone
Concen: 868.492 ug/l
RT: 9.433 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 1156653

Ion	Ratio	Lower	Upper
43	100		
58	51.6	25.9	77.6

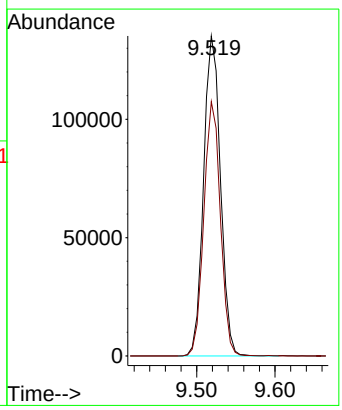


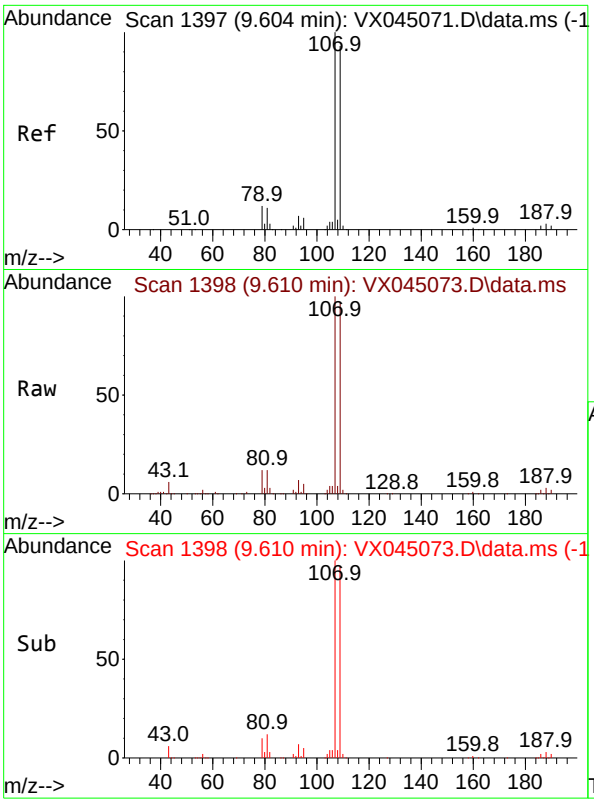


#60
Dibromochloromethane
Concen: 158.276 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion:129 Resp: 201906

Ion	Ratio	Lower	Upper
129	100		
127	77.9	38.5	115.5



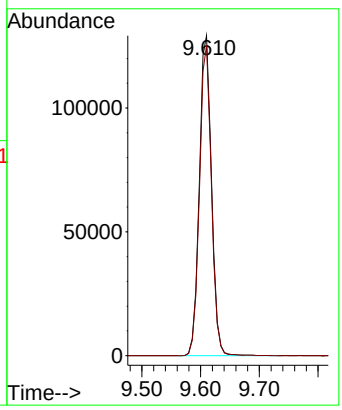


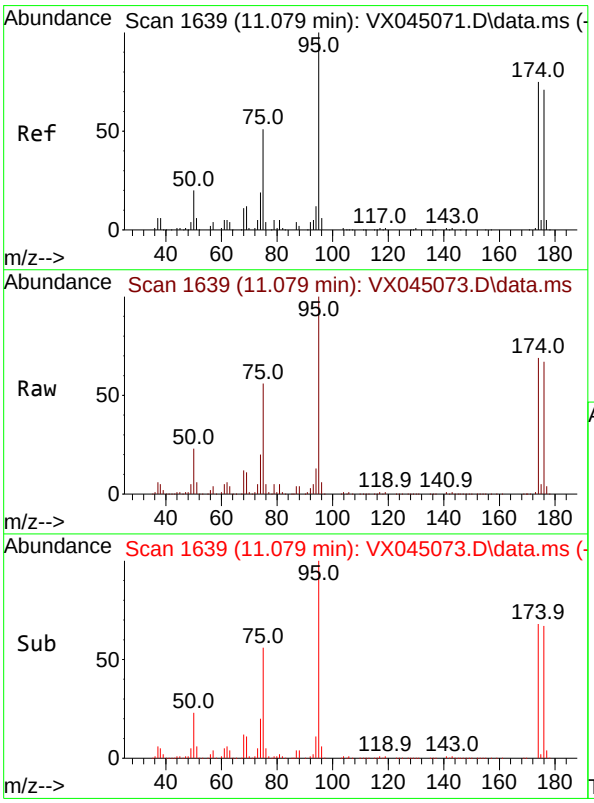
#61
1,2-Dibromoethane
Concen: 154.074 ug/l
RT: 9.610 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:107 Resp: 185828

Ion	Ratio	Lower	Upper
107	100		
109	95.2	76.1	114.1

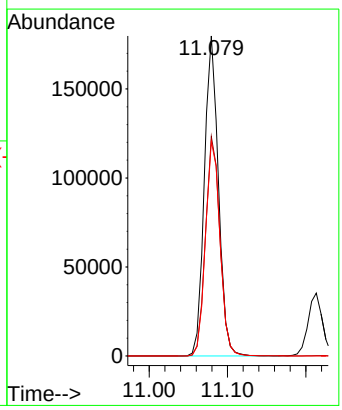


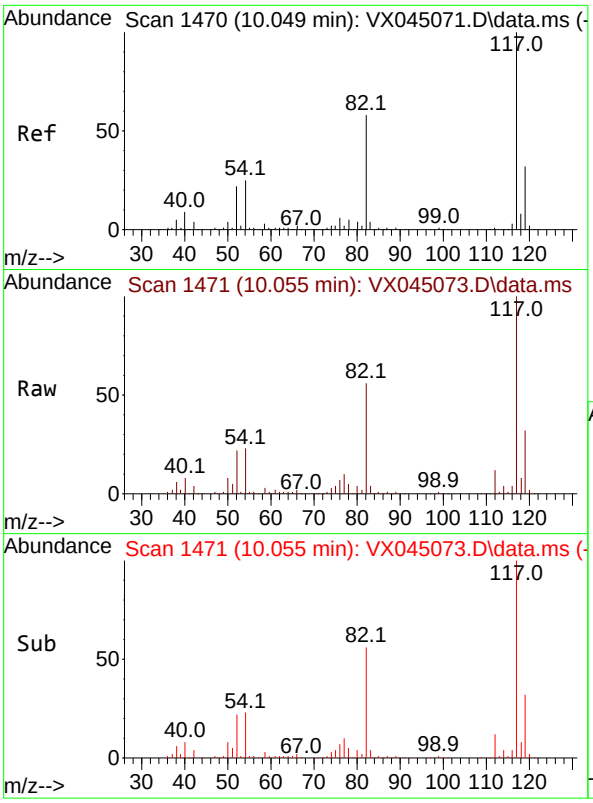


#62
4-Bromofluorobenzene
Concen: 154.420 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 95 Resp: 223346

Ion	Ratio	Lower	Upper
95	100		
174	70.4	0.0	148.2
176	69.4	0.0	141.4



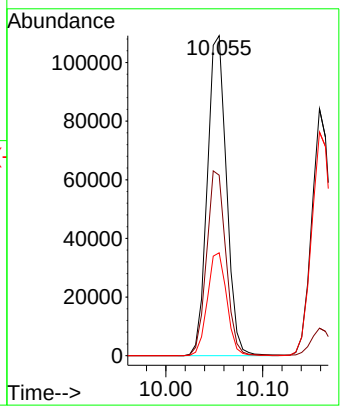


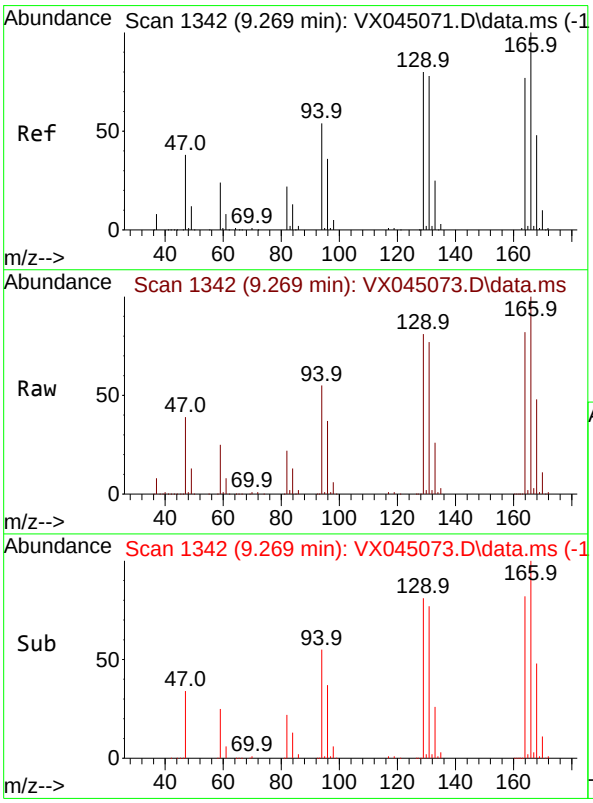
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:117 Resp: 150547

Ion	Ratio	Lower	Upper
117	100		
82	56.4	46.3	69.5
119	32.1	25.7	38.5

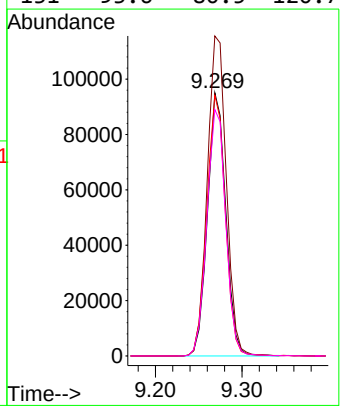


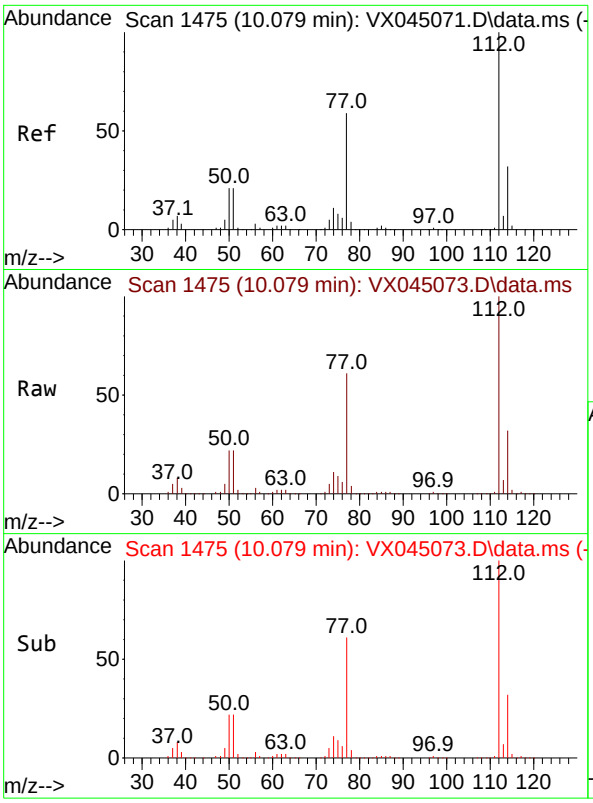


#64
Tetrachloroethene
Concen: 145.906 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion:164 Resp: 139536

Ion	Ratio	Lower	Upper
164	100		
166	121.6	103.6	155.4
129	99.0	82.7	124.1
131	93.6	80.5	120.7



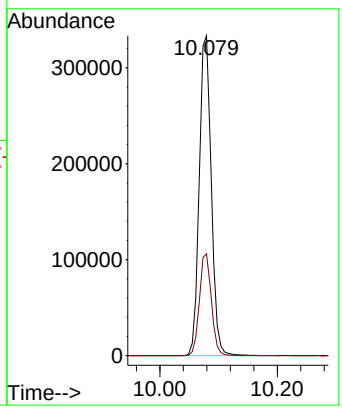


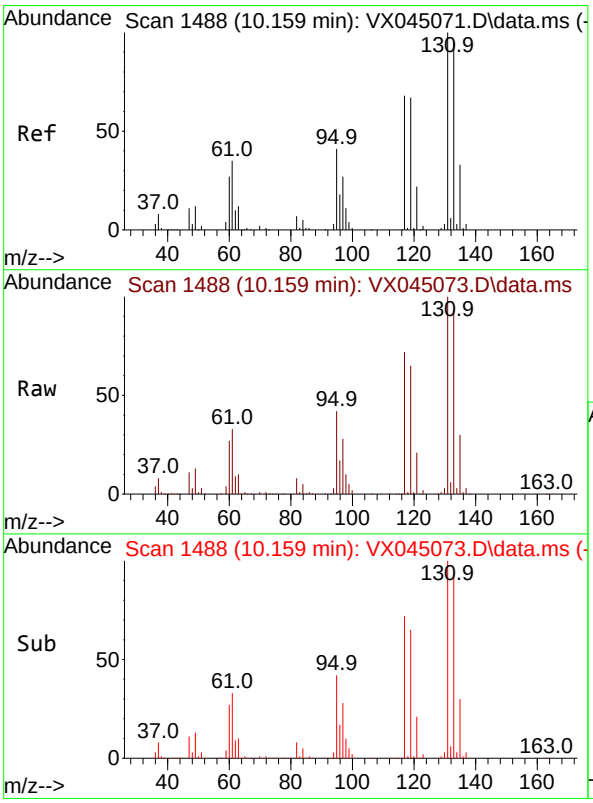
#65
Chlorobenzene
Concen: 146.096 ug/l
RT: 10.079 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:112 Resp: 472117

Ion	Ratio	Lower	Upper
112	100		
114	31.9	26.0	39.0

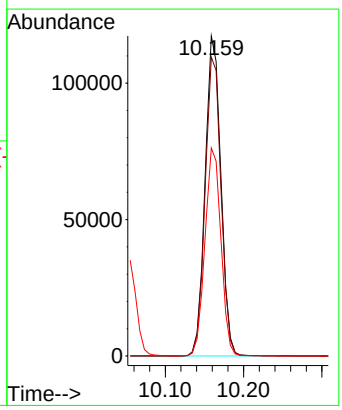


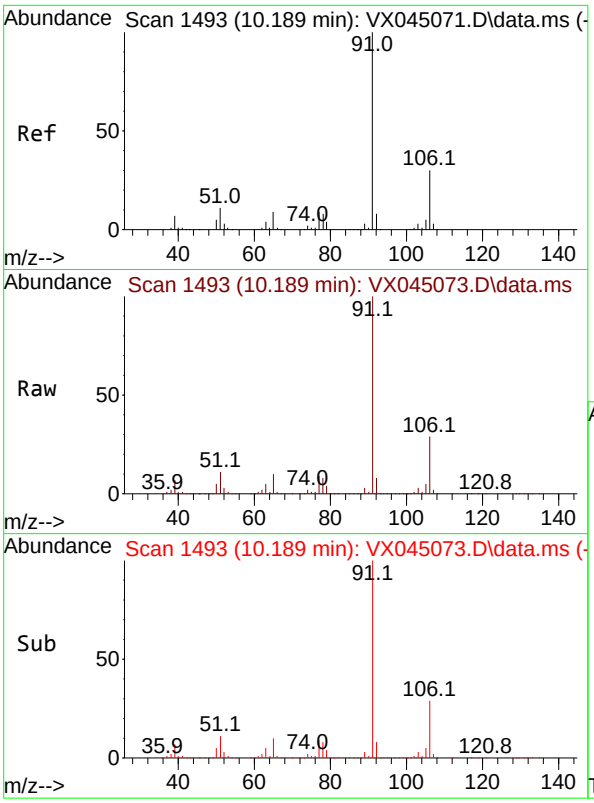


#66
1,1,1,2-Tetrachloroethane
Concen: 156.845 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion:131 Resp: 163370

Ion	Ratio	Lower	Upper
131	100		
133	94.2	48.6	145.9
119	66.0	33.9	101.7



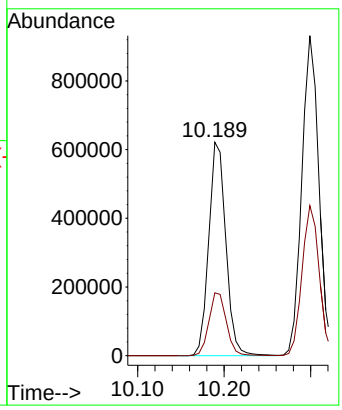


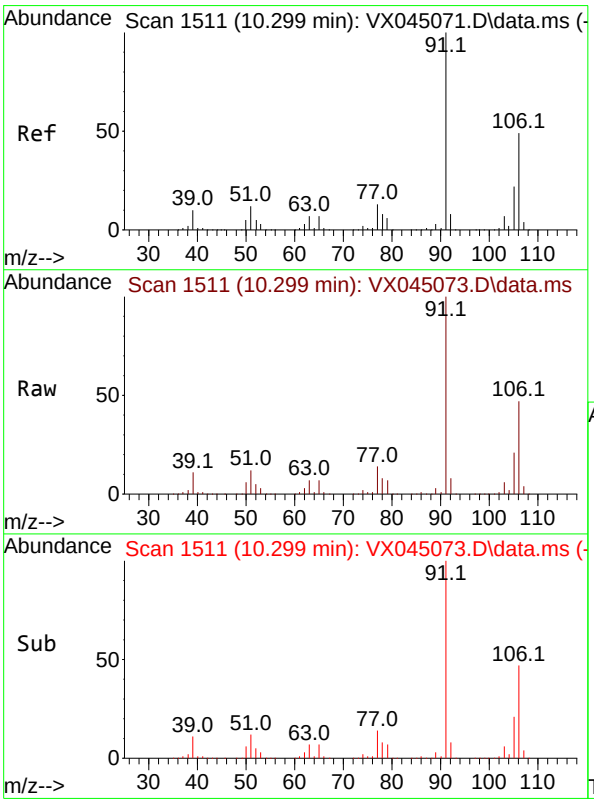
#67
Ethyl Benzene
Concen: 149.191 ug/l
RT: 10.189 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 852575

Ion	Ratio	Lower	Upper
91	100		
106	29.5	23.9	35.9

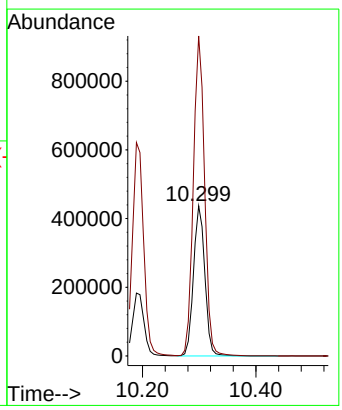


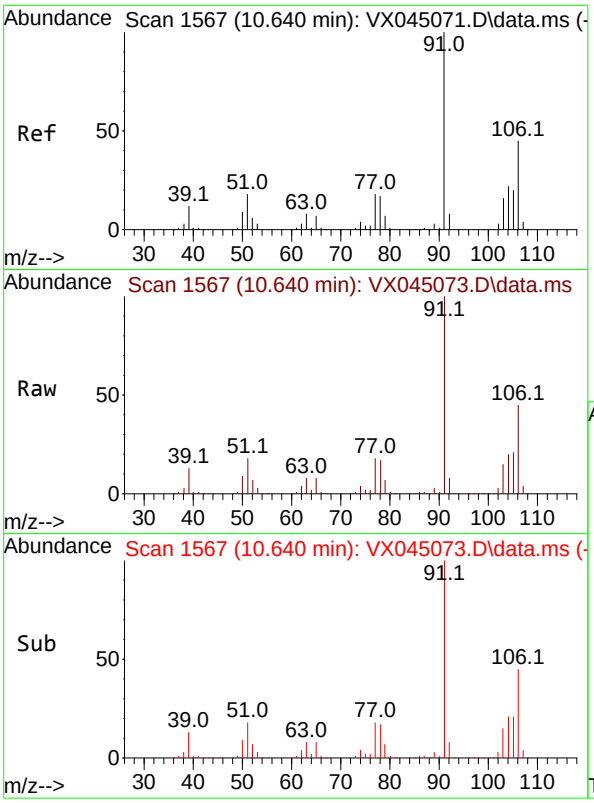


#68
m/p-Xylenes
Concen: 288.655 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion:106 Resp: 607523

Ion	Ratio	Lower	Upper
106	100		
91	211.2	165.4	248.0



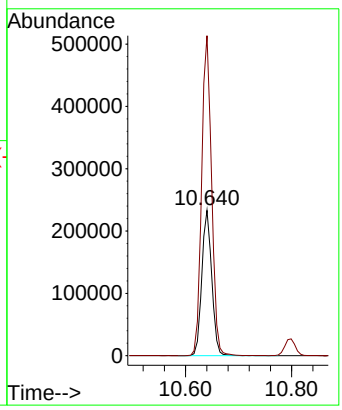


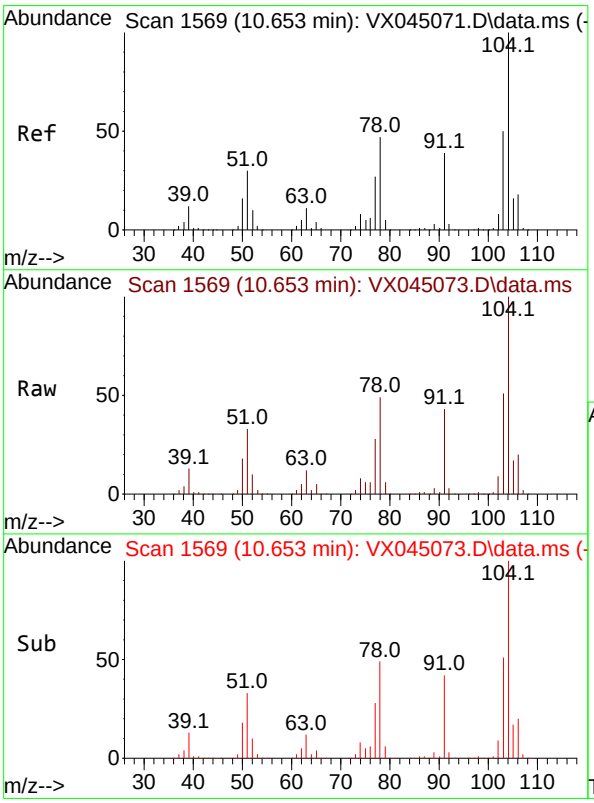
#69
o-Xylene
Concen: 143.259 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:106 Resp: 302495

Ion	Ratio	Lower	Upper
106	100		
91	221.3	109.9	329.6

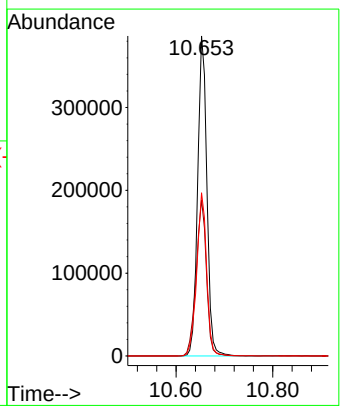


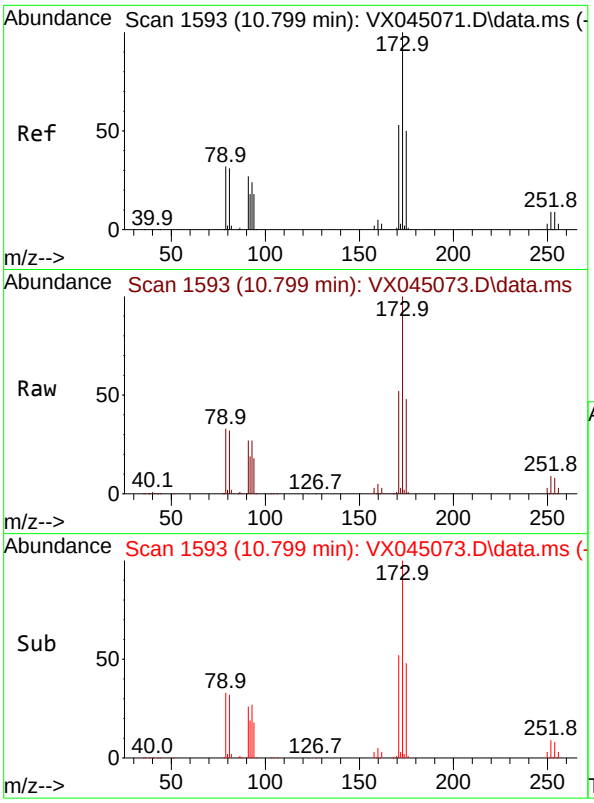


#70
Styrene
Concen: 150.979 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion:104 Resp: 512379

Ion	Ratio	Lower	Upper
104	100		
78	54.4	42.2	63.4
103	54.8	43.8	65.8



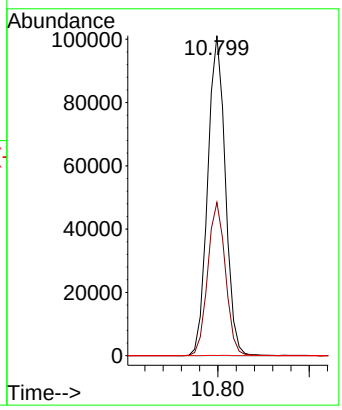


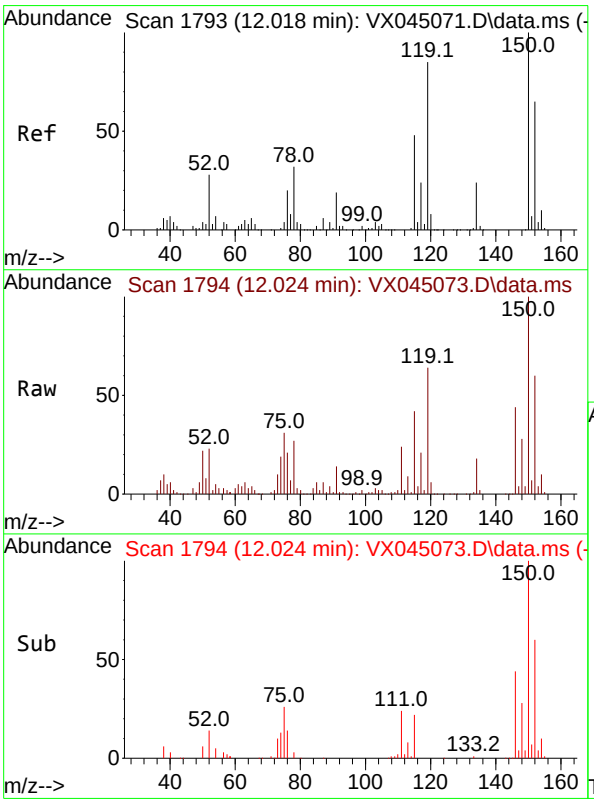
#71
Bromoform
Concen: 174.808 ug/l
RT: 10.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:173 Resp: 135388

Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.6	73.6
254	0.1	0.0	0.0#

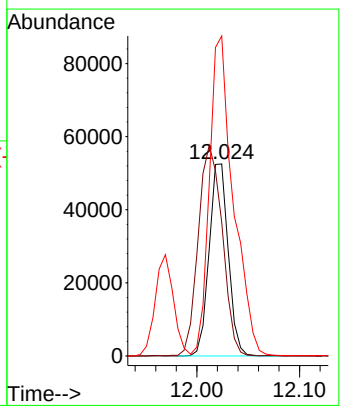


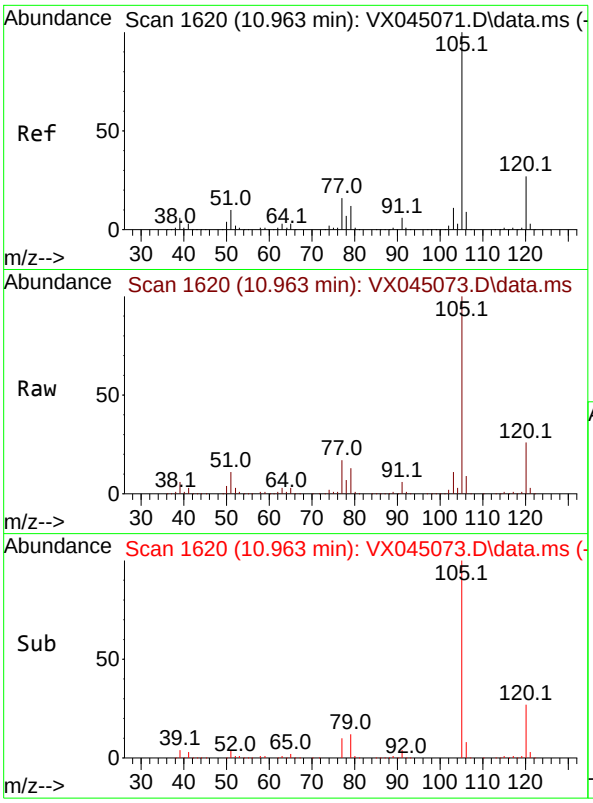


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion:152 Resp: 67685

Ion	Ratio	Lower	Upper
152	100		
115	138.4	44.2	132.6#
150	208.8	0.0	349.0



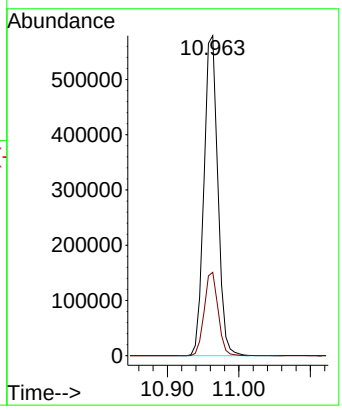


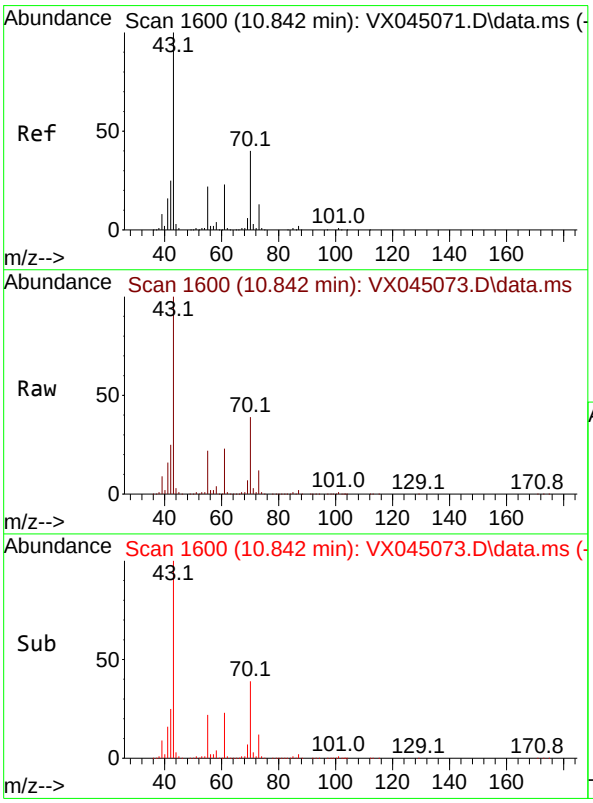
#73
Isopropylbenzene
Concen: 142.719 ug/l
RT: 10.963 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:105 Resp: 780706

Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.2	39.5

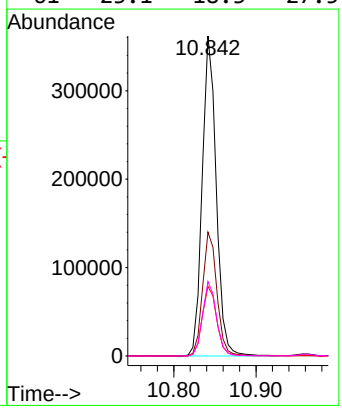


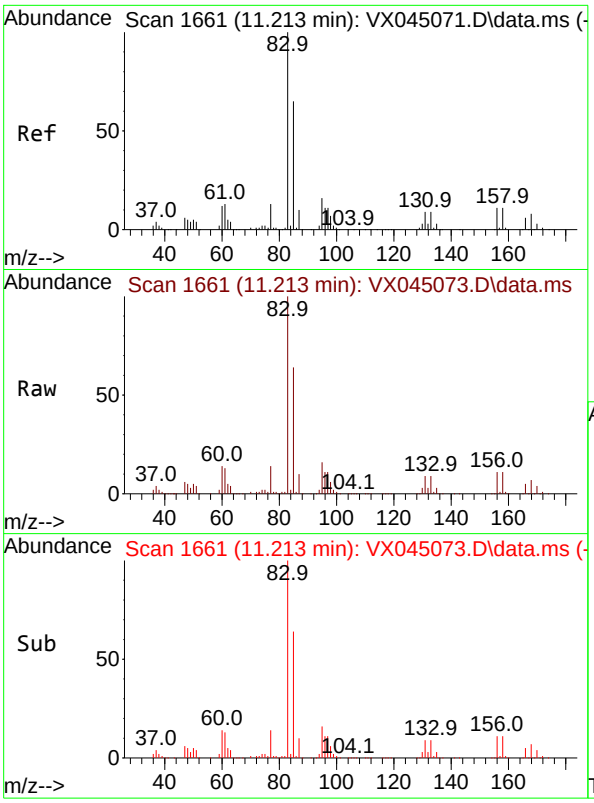


#74
N-amyl acetate
Concen: 173.042 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 43 Resp: 429686

Ion	Ratio	Lower	Upper
43	100		
70	39.6	31.8	47.6
55	22.5	18.3	27.5
61	23.1	18.3	27.5



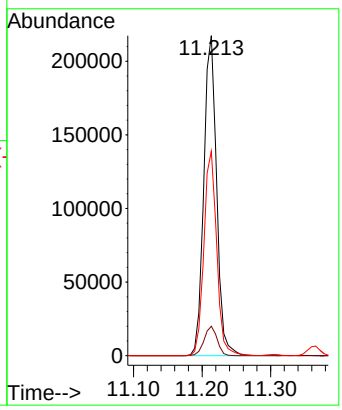


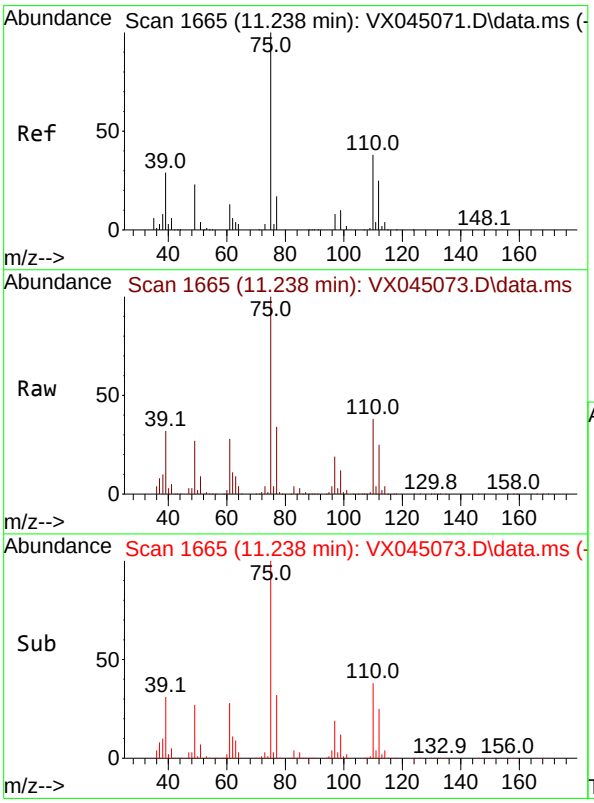
#75
1,1,2,2-Tetrachloroethane
Concen: 150.458 ug/l
RT: 11.213 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 283558

Ion	Ratio	Lower	Upper
83	100		
131	9.3	4.5	13.4
85	63.8	31.7	95.1

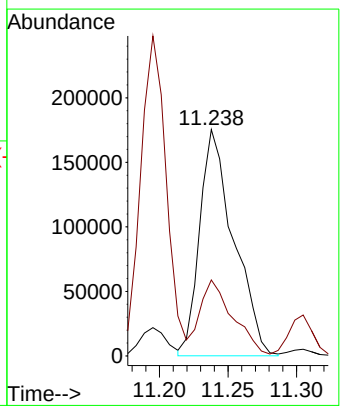


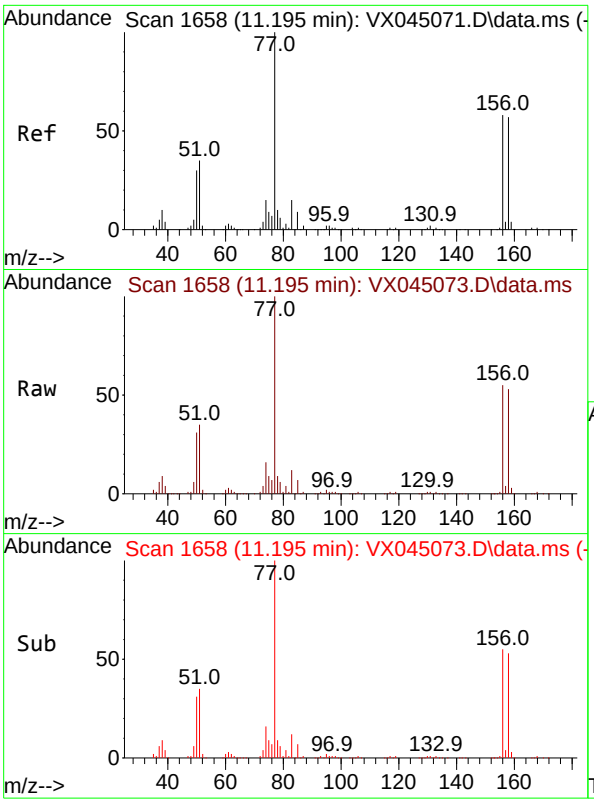


#76
1,2,3-Trichloropropane
Concen: 201.103 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 75 Resp: 303633

Ion	Ratio	Lower	Upper
75	100		
77	32.6	20.7	62.1



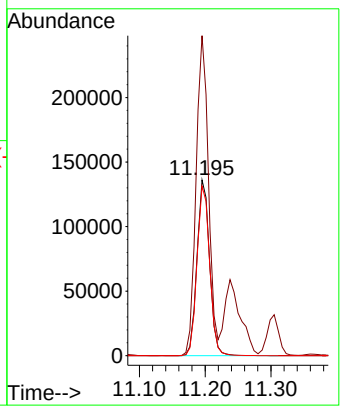


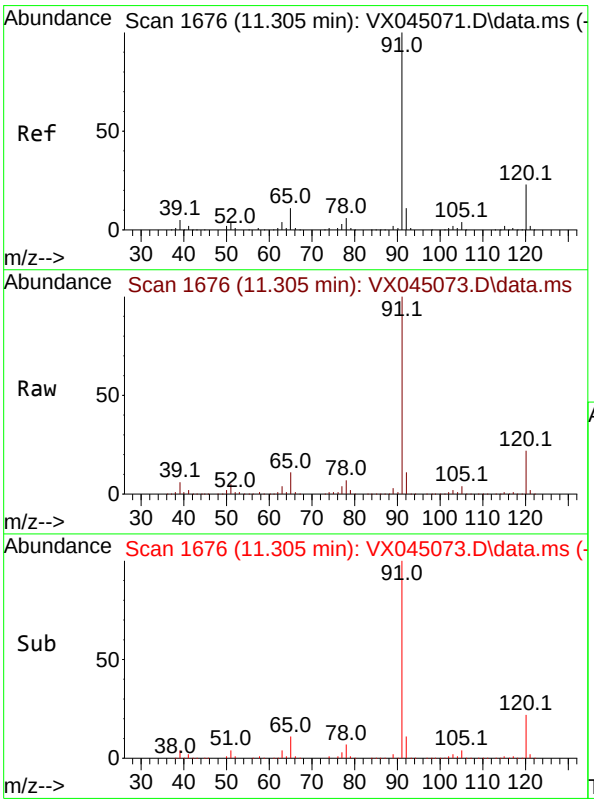
#77
Bromobenzene
Concen: 145.760 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:156 Resp: 180997

Ion	Ratio	Lower	Upper
156	100		
77	179.4	85.8	257.4
158	97.1	48.4	145.2

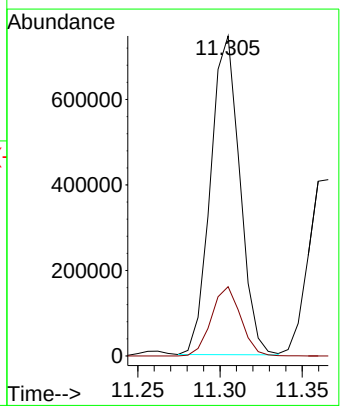


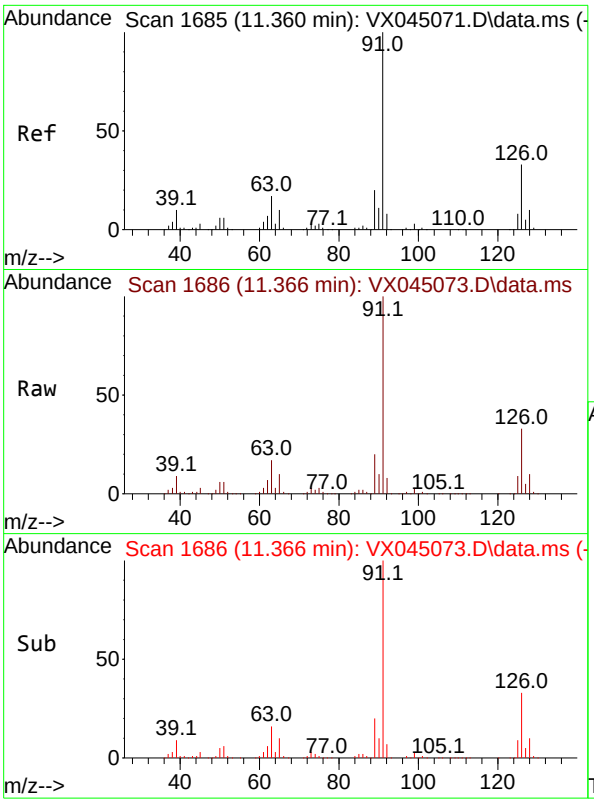


#78
n-propylbenzene
Concen: 146.395 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 91 Resp: 923593

Ion	Ratio	Lower	Upper
91	100		
120	21.8	11.2	33.6



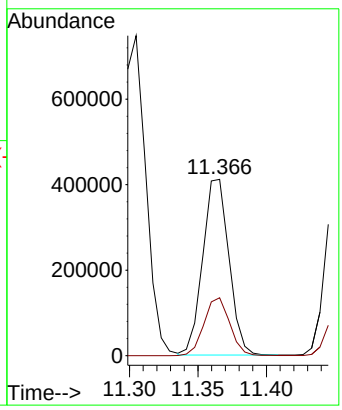


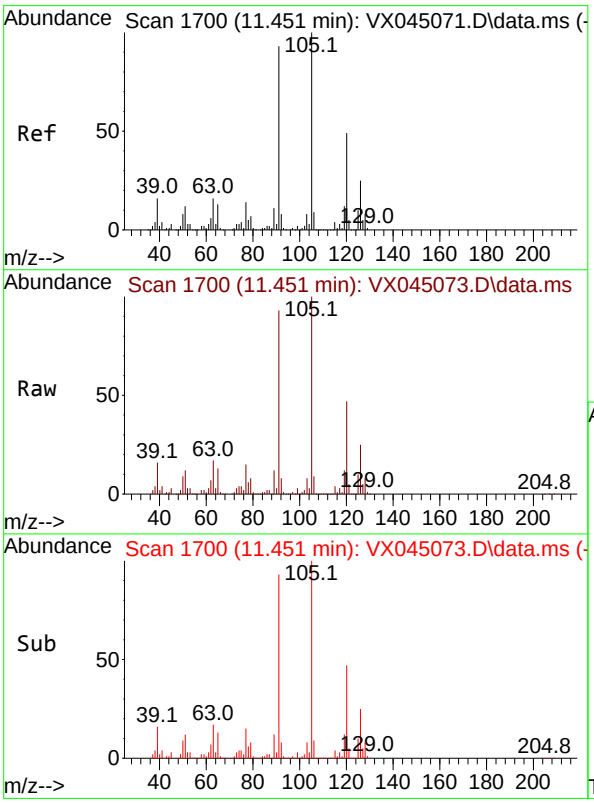
#79
2-Chlorotoluene
Concen: 141.695 ug/l
RT: 11.366 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 548695

Ion	Ratio	Lower	Upper
91	100		
126	32.4	16.4	49.4

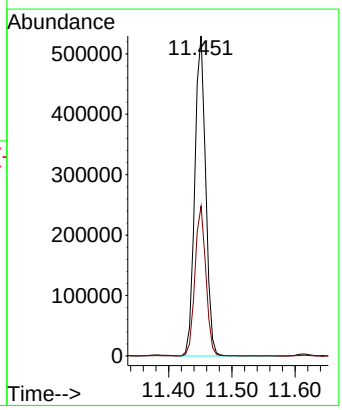


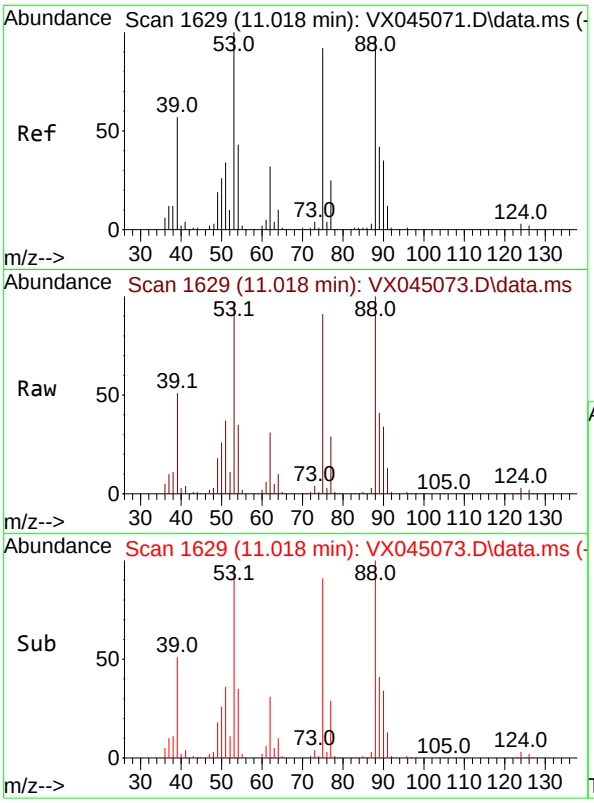


#80
1,3,5-Trimethylbenzene
Concen: 143.293 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion:105 Resp: 635832

Ion	Ratio	Lower	Upper
105	100		
120	46.7	24.1	72.2



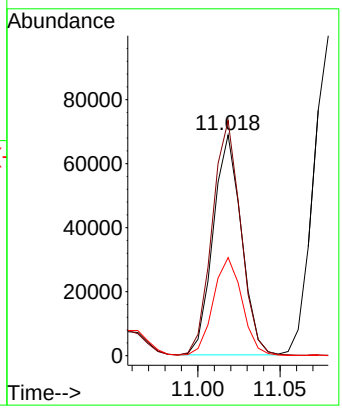


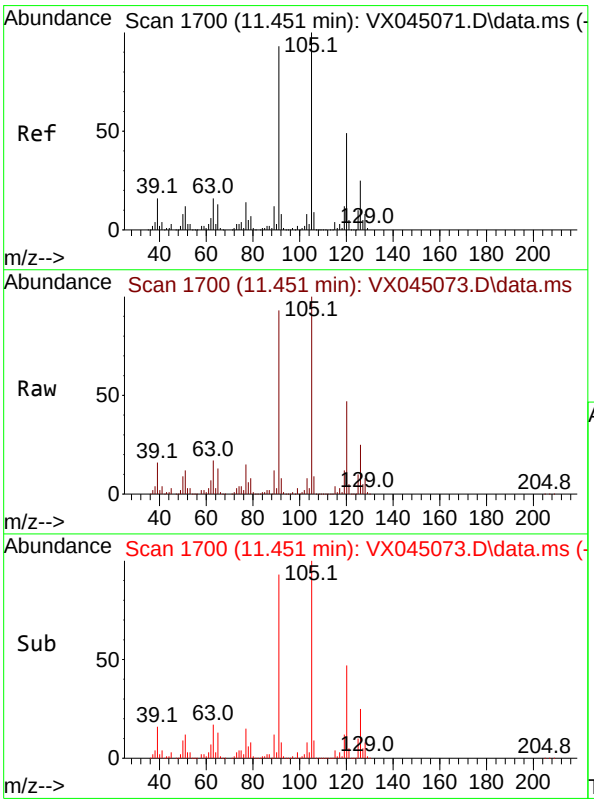
#81
trans-1,4-Dichloro-2-butene
Concen: 147.761 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 75 Resp: 82267

Ion	Ratio	Lower	Upper
75	100		
53	107.7	88.5	132.7
89	45.2	36.2	54.4

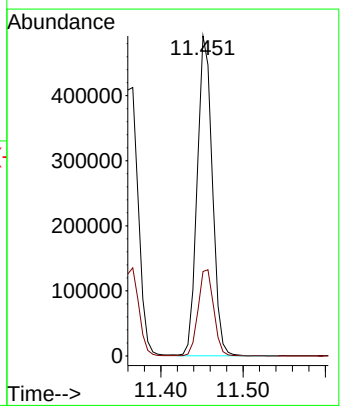


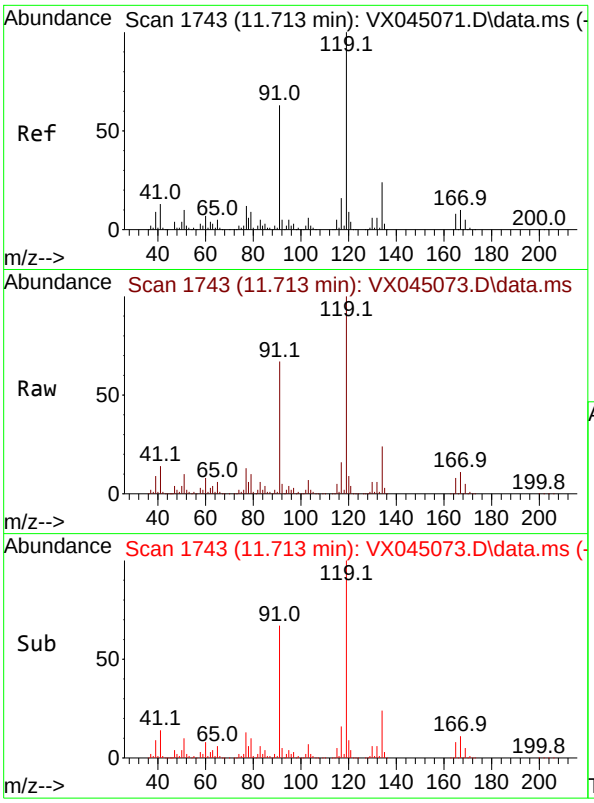


#82
4-Chlorotoluene
Concen: 146.464 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 91 Resp: 627816

Ion	Ratio	Lower	Upper
91	100		
126	27.8	14.1	42.4



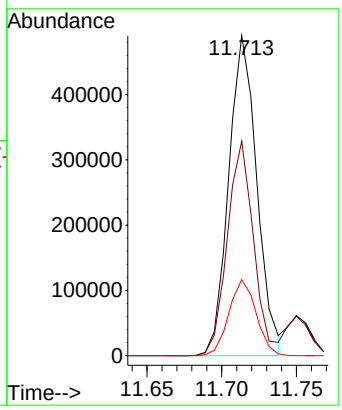


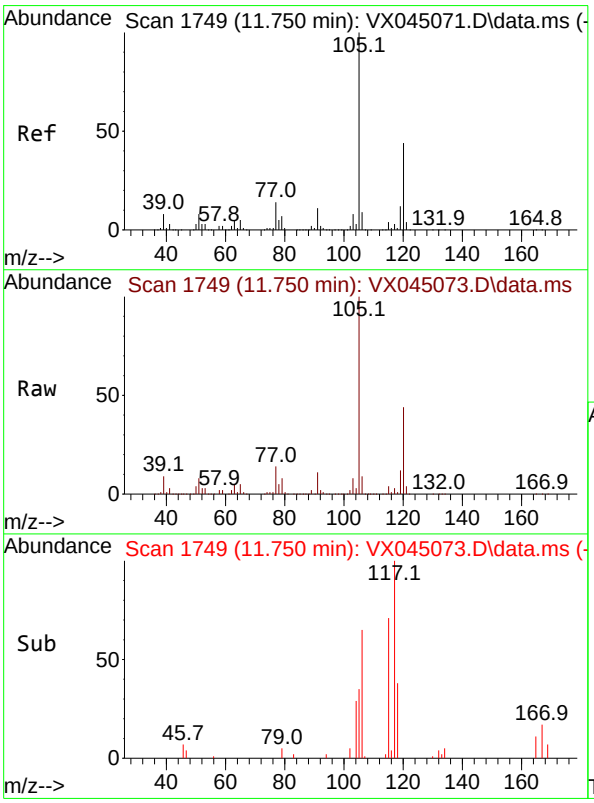
#83
tert-Butylbenzene
Concen: 142.974 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:119 Resp: 641713

Ion	Ratio	Lower	Upper
119	100		
91	62.5	30.7	92.1
134	23.0	11.7	35.0

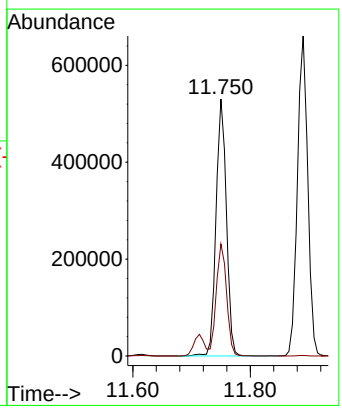


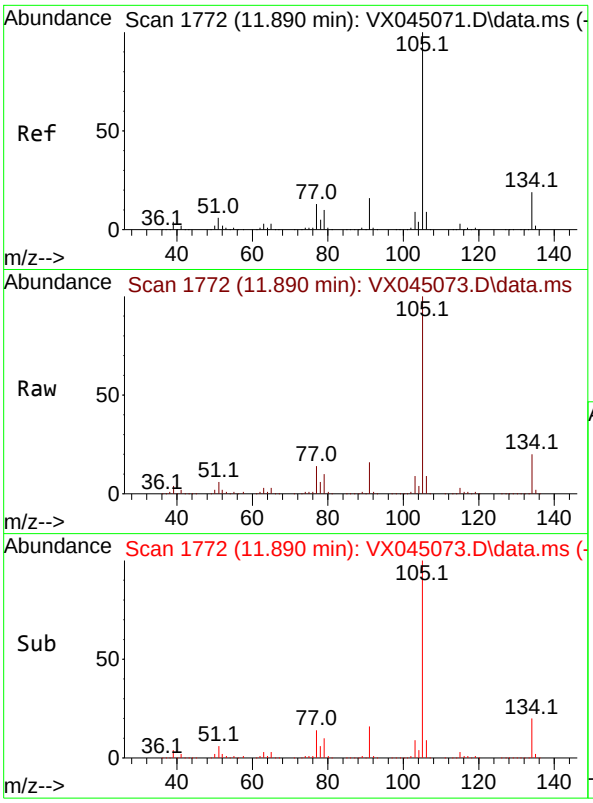


#84
1,2,4-Trimethylbenzene
Concen: 148.135 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion:105 Resp: 647248

Ion	Ratio	Lower	Upper
105	100		
120	43.8	22.1	66.1



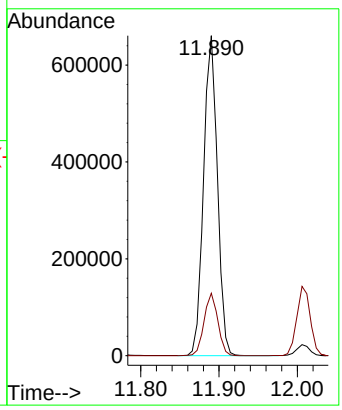


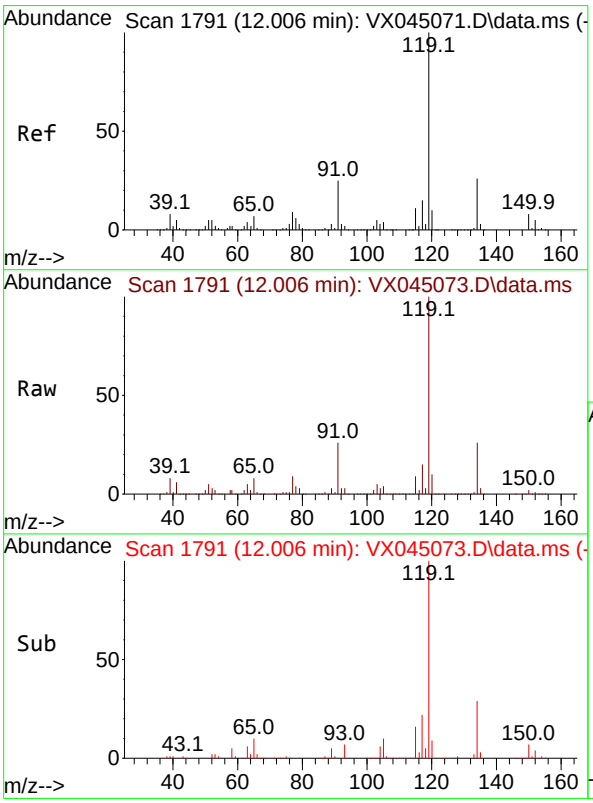
#85
sec-Butylbenzene
Concen: 145.383 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:105 Resp: 807713

Ion	Ratio	Lower	Upper
105	100		
134	19.4	9.8	29.4

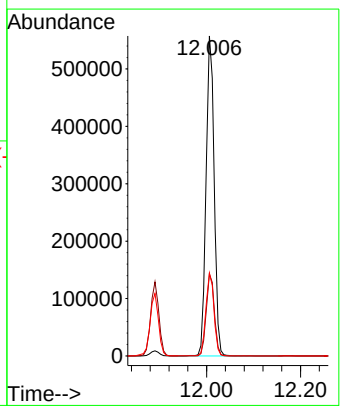


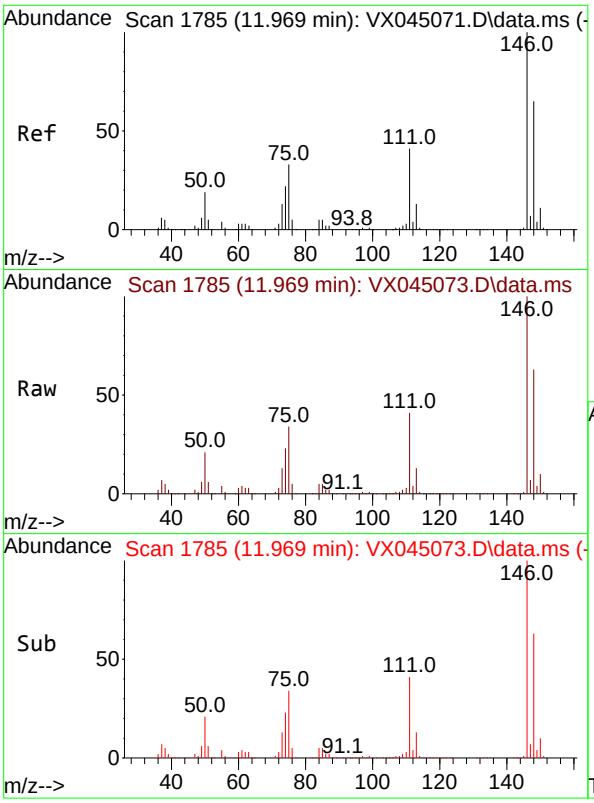


#86
p-Isopropyltoluene
Concen: 149.075 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion:119 Resp: 664916

Ion	Ratio	Lower	Upper
119	100		
134	25.7	12.9	38.6
91	25.8	12.7	38.0



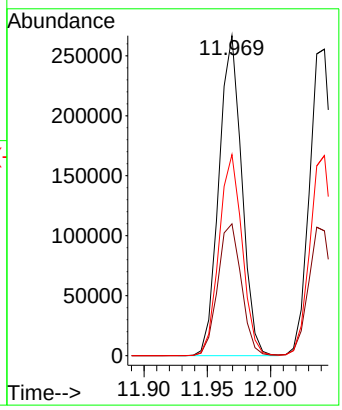


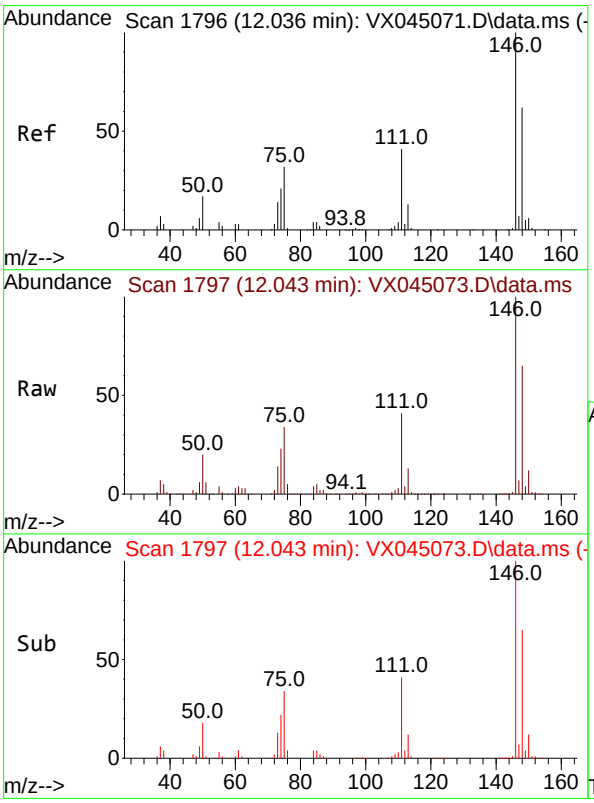
#87
1,3-Dichlorobenzene
Concen: 147.488 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:146 Resp: 334751

Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.1	63.4
148	63.6	31.9	95.7

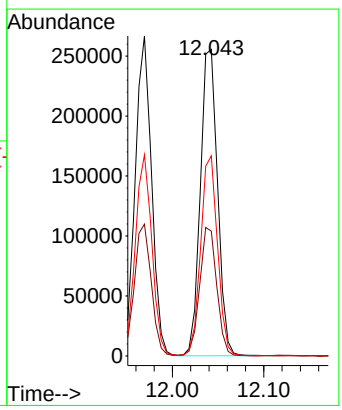


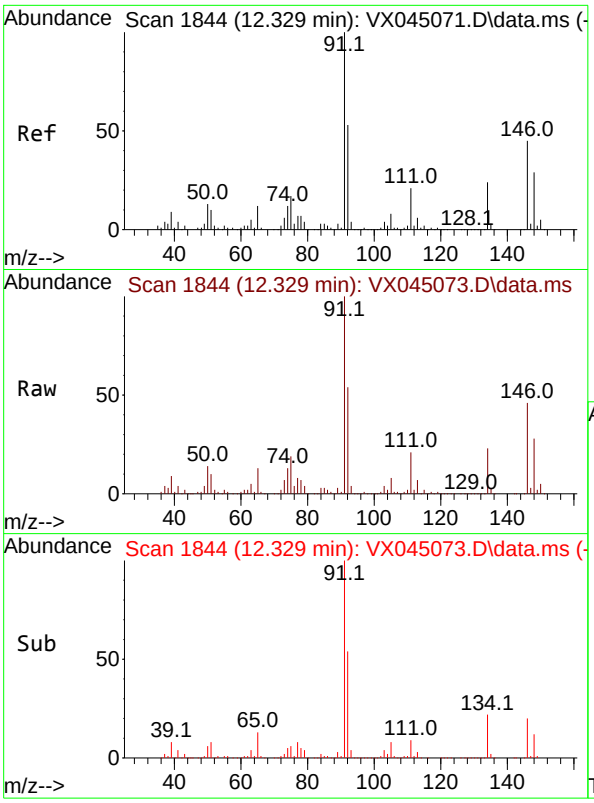


#88
1,4-Dichlorobenzene
Concen: 145.189 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion:146 Resp: 333594

Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.2	60.5
148	64.0	31.9	95.9



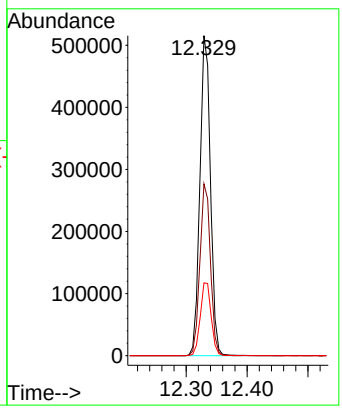


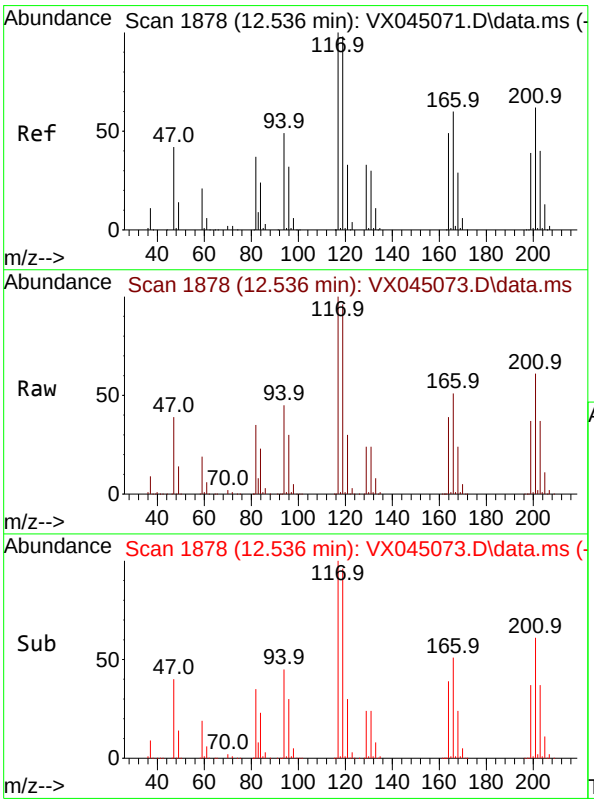
#89
n-Butylbenzene
Concen: 158.324 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 620757

Ion	Ratio	Lower	Upper
91	100		
92	53.9	26.7	80.0
134	23.6	12.2	36.6

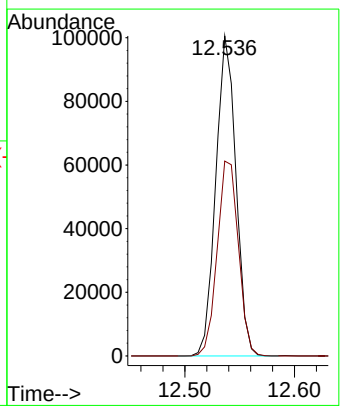


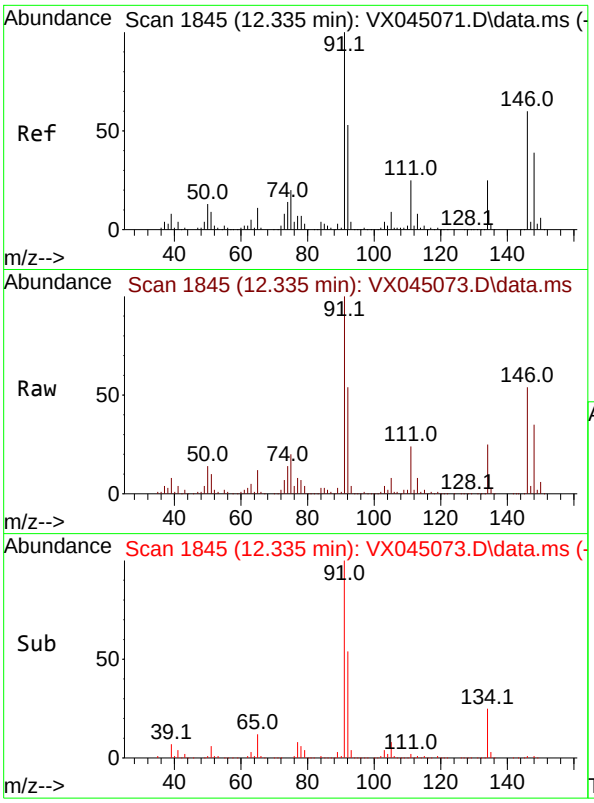


#90
Hexachloroethane
Concen: 154.554 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion:117 Resp: 128582

Ion	Ratio	Lower	Upper
117	100		
201	64.2	31.9	95.9



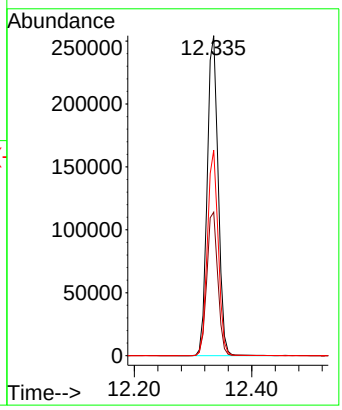


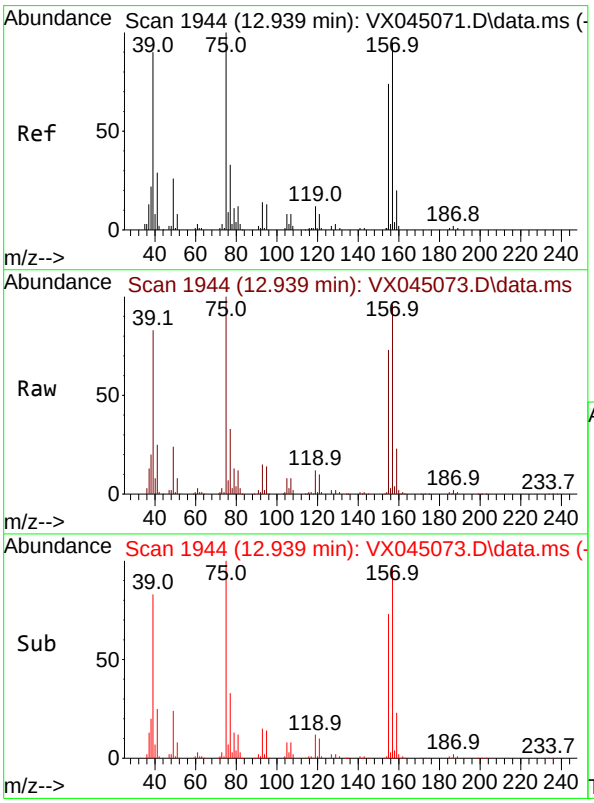
#91
1,2-Dichlorobenzene
Concen: 147.436 ug/l
RT: 12.335 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:146 Resp: 329318

Ion	Ratio	Lower	Upper
146	100		
111	44.9	21.6	65.0
148	63.4	31.9	95.9

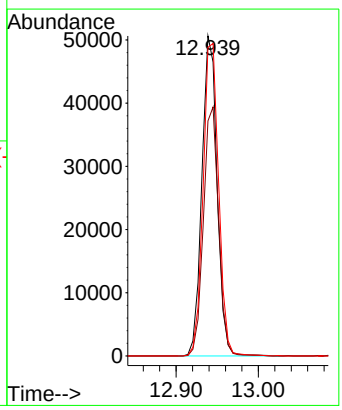


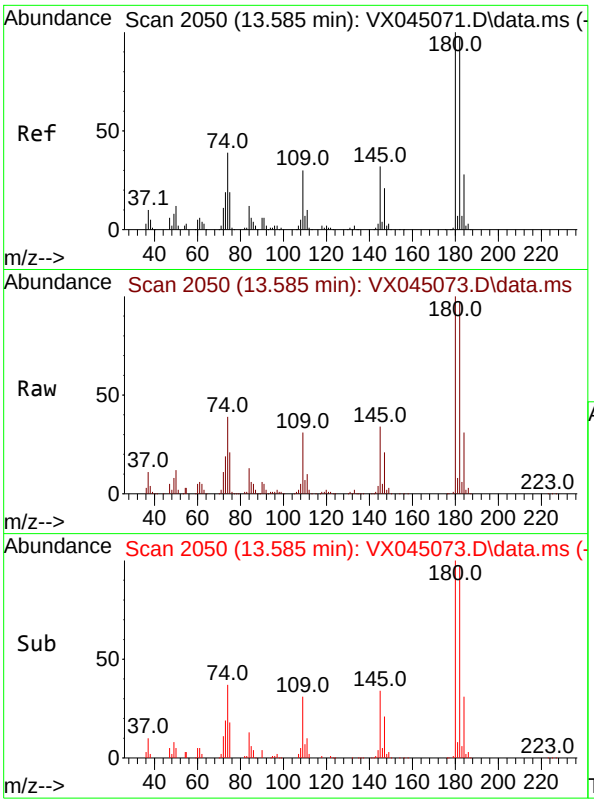


#92
1,2-Dibromo-3-Chloropropane
Concen: 186.240 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 75 Resp: 64958

Ion	Ratio	Lower	Upper
75	100		
155	77.9	39.6	118.7
157	100.1	51.1	153.4



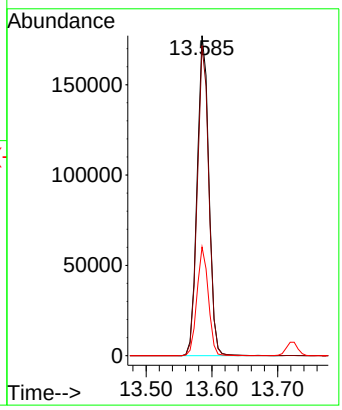


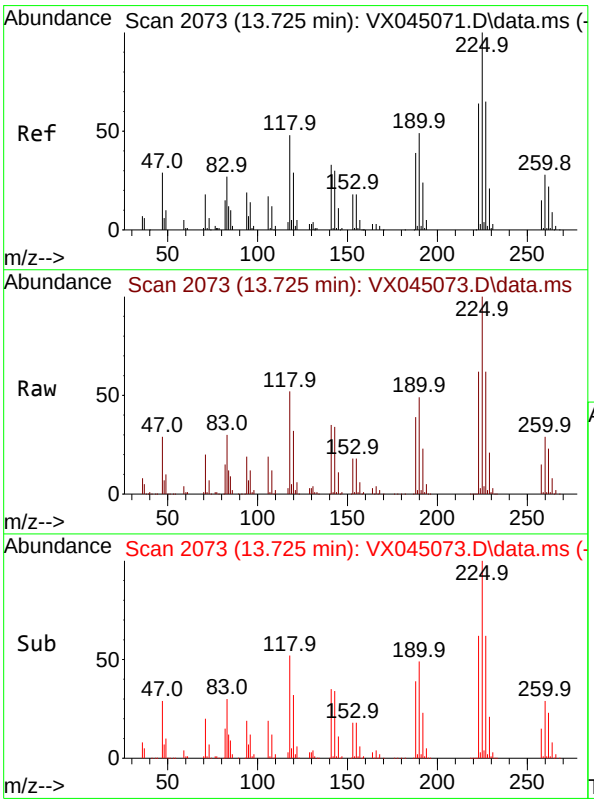
#93
1,2,4-Trichlorobenzene
Concen: 162.416 ug/l
RT: 13.585 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:180 Resp: 219313

Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.3	141.9
145	32.9	16.3	48.9

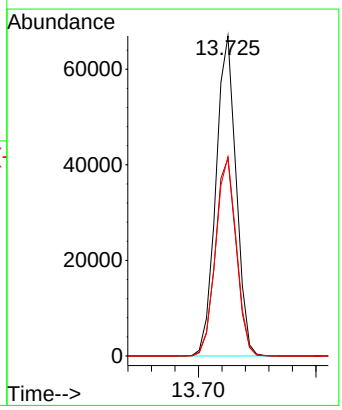


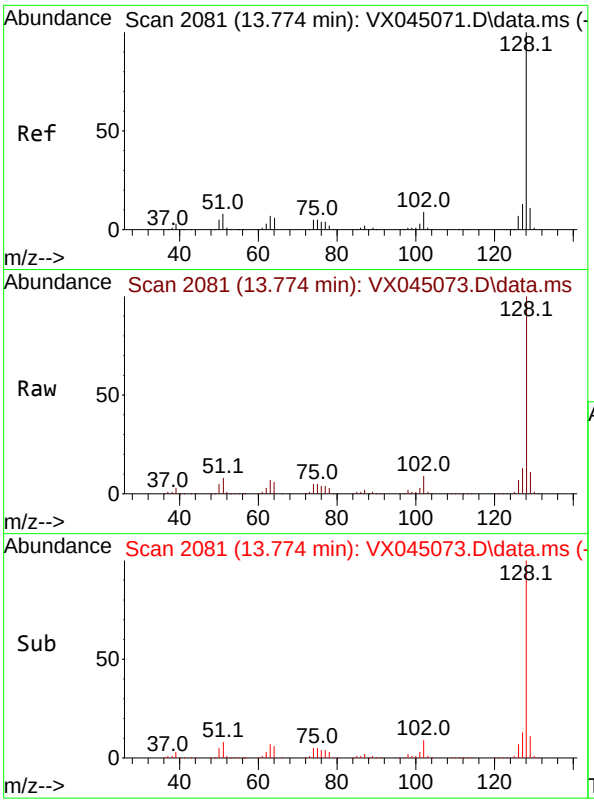


#94
Hexachlorobutadiene
Concen: 149.034 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion:225 Resp: 80241

Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.9	95.7
227	63.4	31.4	94.0



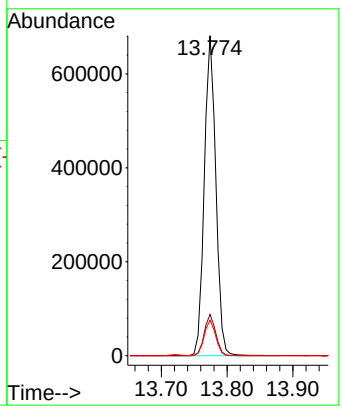


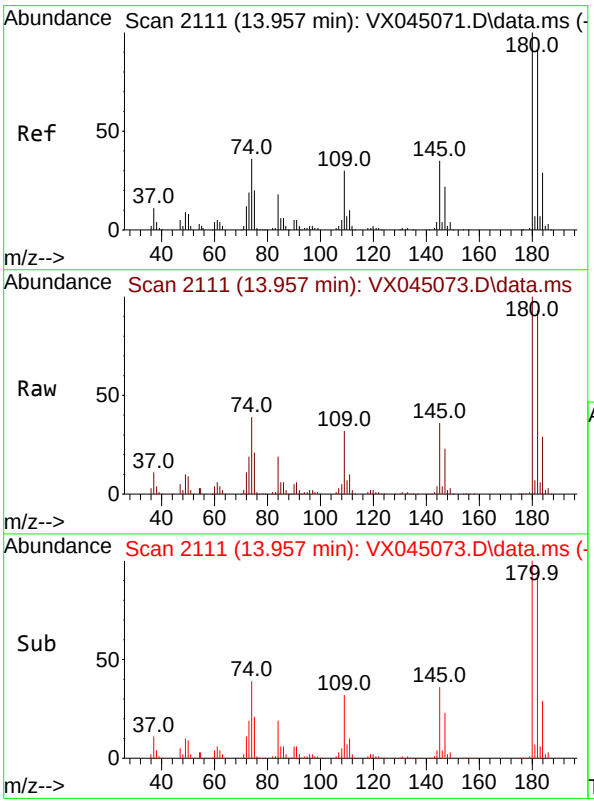
#95
Naphthalene
Concen: 168.538 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:128 Resp: 828949

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	11.1	8.7	13.1

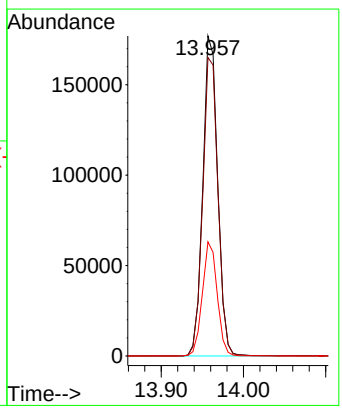




#96
1,2,3-Trichlorobenzene
Concen: 162.727 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion:180 Resp: 222608

Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.5	142.6
145	35.5	17.0	50.9



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045075.D
Acq On : 28 Feb 2025 04:33
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Quant Time: Feb 28 06:55:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	101603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	184964	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	157797	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	69357	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81288	50.297	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.600%			
35) Dibromofluoromethane	5.385	113	62880	50.841	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.680%			
50) Toluene-d8	8.647	98	225823	50.364	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.720%			
62) 4-Bromofluorobenzene	11.079	95	73162	49.240	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.480%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	61303	47.933	ug/l	95
3) Chloromethane	1.306	50	76216	48.696	ug/l	94
4) Vinyl Chloride	1.373	62	76901	49.529	ug/l	97
5) Bromomethane	1.593	94	28193	46.190	ug/l	97
6) Chloroethane	1.660	64	30042	41.948	ug/l	99
7) Trichlorofluoromethane	1.867	101	101886	49.569	ug/l	98
8) Diethyl Ether	2.136	74	39113	48.651	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.312	101	59477	50.367	ug/l	100
10) Methyl Iodide	2.440	142	74585	50.541	ug/l	98
11) Tert butyl alcohol	2.989	59	73034	238.577	ug/l	98
12) 1,1-Dichloroethene	2.306	96	61885	49.568	ug/l	98
13) Acrolein	2.239	56	95989	271.255	ug/l	99
14) Allyl chloride	2.654	41	114875	51.691	ug/l	98
15) Acrylonitrile	3.068	53	209607	255.479	ug/l	99
16) Acetone	2.392	43	182119	242.877	ug/l	100
17) Carbon Disulfide	2.501	76	166105	49.952	ug/l	97
18) Methyl Acetate	2.709	43	90756	50.312	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	222475	53.114	ug/l	99
20) Methylene Chloride	2.782	84	73731	49.639	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	63117	51.172	ug/l	98
22) Diisopropyl ether	3.763	45	243860	53.955	ug/l	97
23) Vinyl Acetate	3.721	43	1064817	282.313	ug/l	100
24) 1,1-Dichloroethane	3.605	63	129666	51.190	ug/l	100
25) 2-Butanone	4.562	43	298021	264.040	ug/l	98
26) 2,2-Dichloropropane	4.471	77	58694	49.401	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	78576	51.606	ug/l	100
28) Bromochloromethane	4.891	49	60849	50.399	ug/l	100
29) Tetrahydrofuran	5.007	42	195768	258.277	ug/l	99
30) Chloroform	5.086	83	126437	50.236	ug/l	98
31) Cyclohexane	5.464	56	110288	50.158	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	103546	50.939	ug/l	99
36) 1,1-Dichloropropene	5.684	75	82722	48.770	ug/l	99
37) Ethyl Acetate	4.714	43	112768	51.596	ug/l	99
38) Carbon Tetrachloride	5.672	117	85110	49.425	ug/l	99
39) Methylcyclohexane	7.372	83	103996	51.169	ug/l	98
40) Benzene	6.031	78	274206	51.195	ug/l	99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045075.D
Acq On : 28 Feb 2025 04:33
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Quant Time: Feb 28 06:55:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	63051	53.352	ug/l		99
42) 1,2-Dichloroethane	6.080	62	97821	50.718	ug/l		100
43) Isopropyl Acetate	6.342	43	175982	54.452	ug/l		100
44) Trichloroethene	7.122	130	61530	48.924	ug/l		99
45) 1,2-Dichloropropane	7.427	63	70350	51.086	ug/l		97
46) Dibromomethane	7.580	93	50284	51.661	ug/l		99
47) Bromodichloromethane	7.817	83	97236	50.930	ug/l		99
48) Methyl methacrylate	7.689	41	87582	54.016	ug/l		100
49) 1,4-Dioxane	7.665	88	35878	1049.007	ug/l		98
51) 4-Methyl-2-Pentanone	8.573	43	564197	259.995	ug/l		99
52) Toluene	8.714	92	160331	51.020	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	86584	54.247	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	98146	52.732	ug/l		95
55) 1,1,2-Trichloroethane	9.146	97	64985	50.232	ug/l		99
56) Ethyl methacrylate	9.116	69	106405	54.109	ug/l		100
57) 1,3-Dichloropropane	9.305	76	114880	51.312	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	264335	275.557	ug/l		99
59) 2-Hexanone	9.427	43	416731	265.049	ug/l		99
60) Dibromochloromethane	9.518	129	69492	51.374	ug/l		98
61) 1,2-Dibromoethane	9.610	107	66501	51.492	ug/l		99
64) Tetrachloroethene	9.268	164	50659	50.126	ug/l		96
65) Chlorobenzene	10.079	112	168885	50.580	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	56822	51.102	ug/l		98
67) Ethyl Benzene	10.189	91	300324	51.621	ug/l		100
68) m/p-Xylenes	10.299	106	220335	103.454	ug/l		99
69) o-Xylene	10.640	106	108836	50.668	ug/l		100
70) Styrene	10.652	104	181349	52.177	ug/l		100
71) Bromoform	10.799	173	44135	52.636	ug/l	#	100
73) Isopropylbenzene	10.957	105	279278	51.589	ug/l		99
74) N-amyl acetate	10.841	43	144412	56.851	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	100800	50.741	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	102821	63.694	ug/l		87
77) Bromobenzene	11.195	156	64324	50.360	ug/l		100
78) n-propylbenzene	11.305	91	319235	52.203	ug/l		99
79) 2-Chlorotoluene	11.360	91	192150	49.338	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	225622	51.544	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	23943	50.757	ug/l		99
82) 4-Chlorotoluene	11.451	91	216511	51.009	ug/l		100
83) tert-Butylbenzene	11.713	119	227357	50.552	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	228729	51.932	ug/l		100
85) sec-Butylbenzene	11.890	105	283931	52.703	ug/l		100
86) p-Isopropyltoluene	12.006	119	229894	52.803	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	114778	50.372	ug/l		100
88) 1,4-Dichlorobenzene	12.036	146	115486	50.097	ug/l		99
89) n-Butylbenzene	12.329	91	204972	54.662	ug/l		99
90) Hexachloroethane	12.536	117	40844	51.866	ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	116343	50.899	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.938	75	20589	53.199	ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	71368	54.834	ug/l		98
94) Hexachlorobutadiene	13.725	225	26697	50.032	ug/l		99
95) Naphthalene	13.774	128	275844	55.163	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	74211	54.049	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045075.D
Acq On : 28 Feb 2025 04:33
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Quant Time: Feb 28 06:55:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

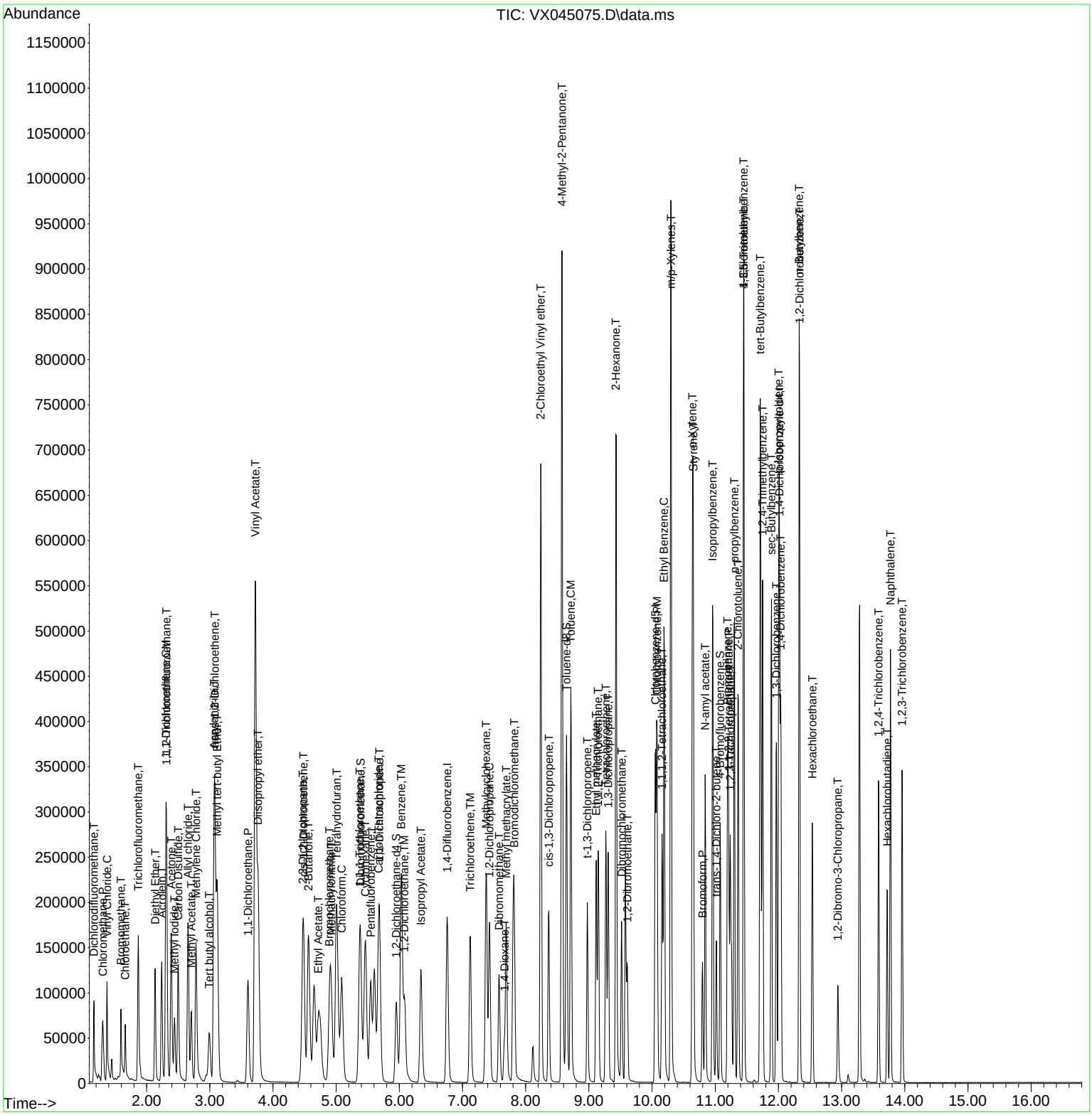
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

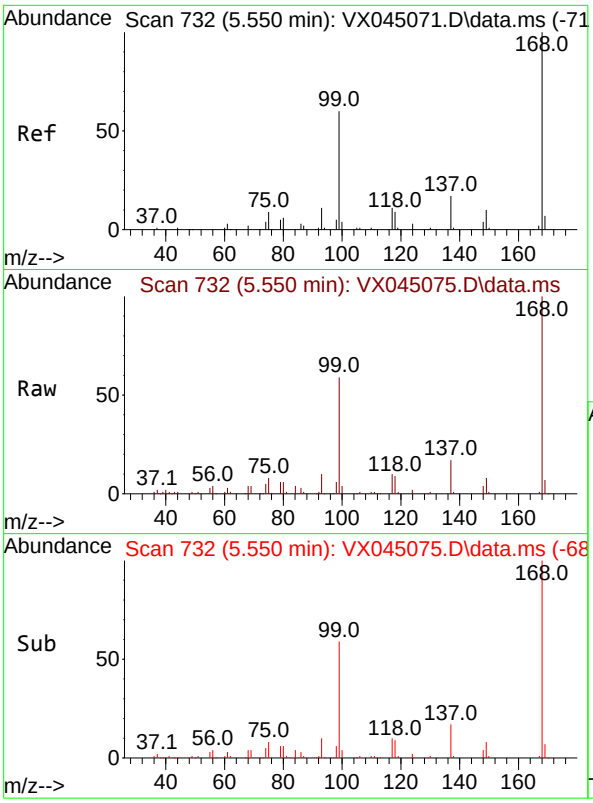
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045075.D
Acq On : 28 Feb 2025 04:33
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Quant Time: Feb 28 06:55:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration



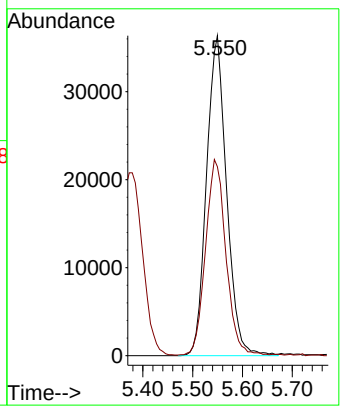


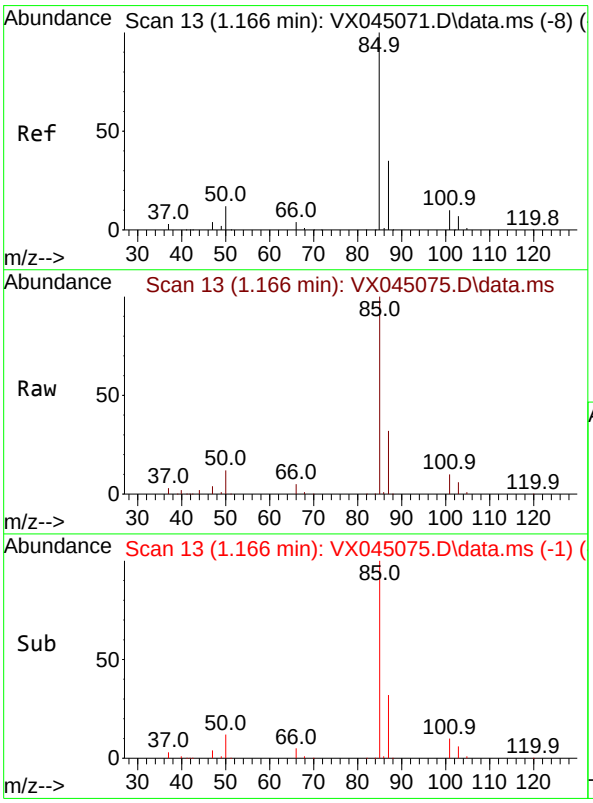
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Tgt Ion:168 Resp: 101603

Ion	Ratio	Lower	Upper
168	100		
99	58.9	48.2	72.4

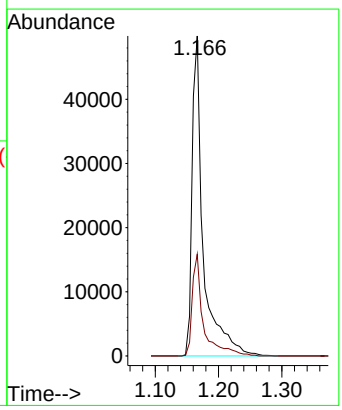


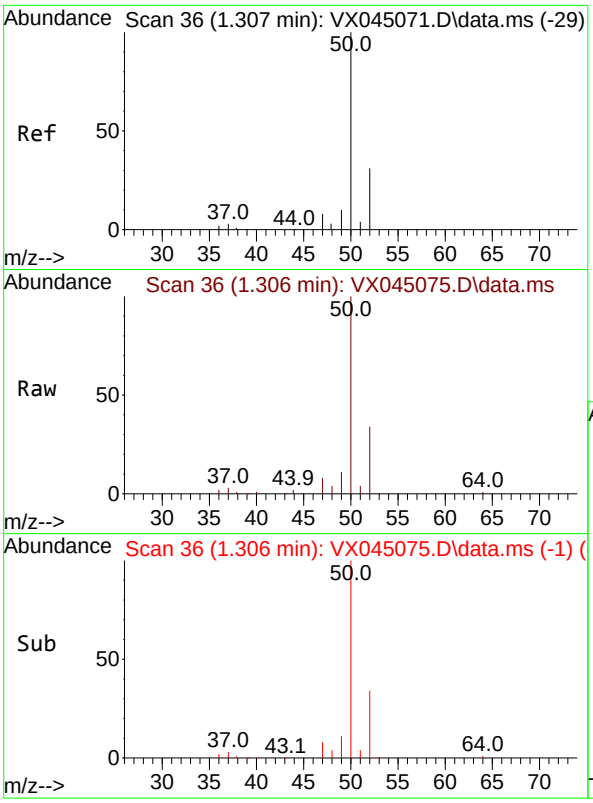


#2
Dichlorodifluoromethane
Concen: 47.933 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 85 Resp: 61303

Ion	Ratio	Lower	Upper
85	100		
87	31.8	17.4	52.3



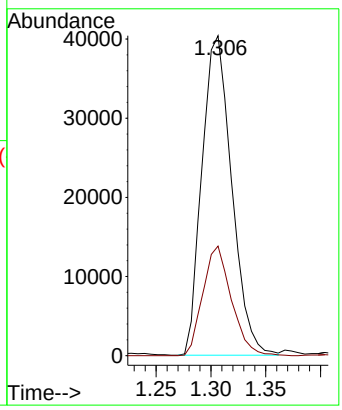


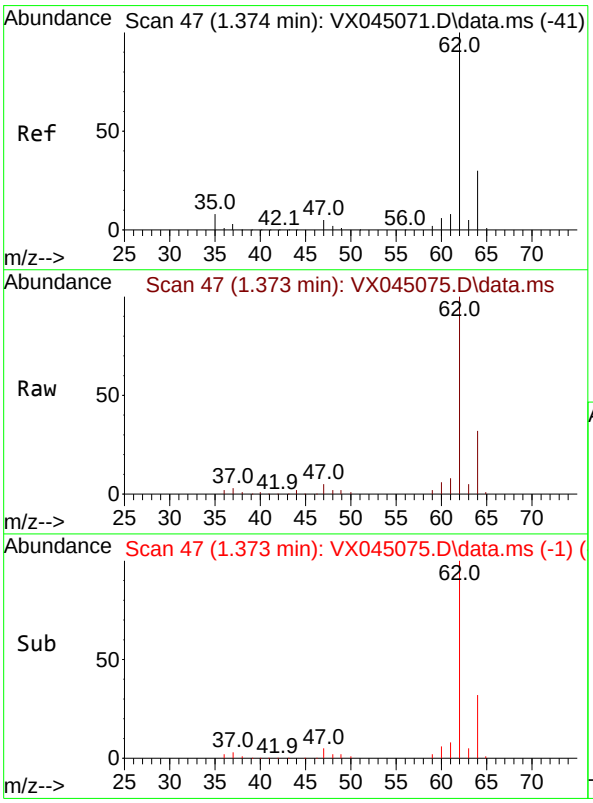
#3
Chloromethane
Concen: 48.696 ug/l
RT: 1.306 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Tgt Ion: 50 Resp: 76216

Ion	Ratio	Lower	Upper
50	100		
52	34.3	25.0	37.4

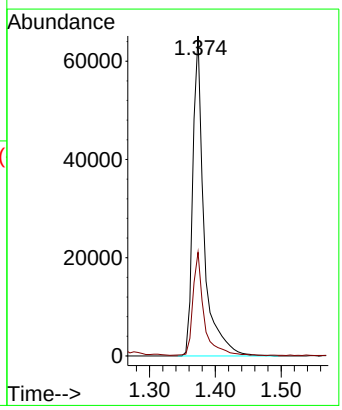


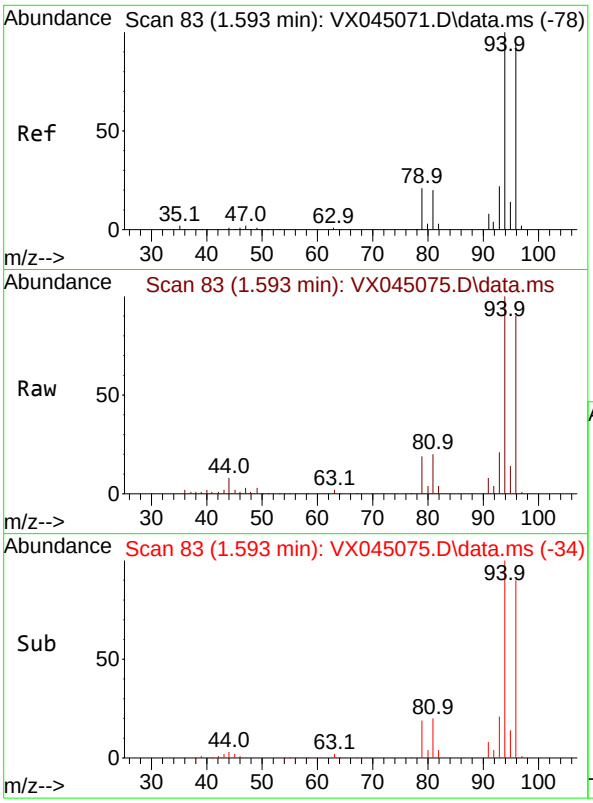


#4
Vinyl Chloride
Concen: 49.529 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 62 Resp: 76901

Ion	Ratio	Lower	Upper
62	100		
64	32.2	24.3	36.5



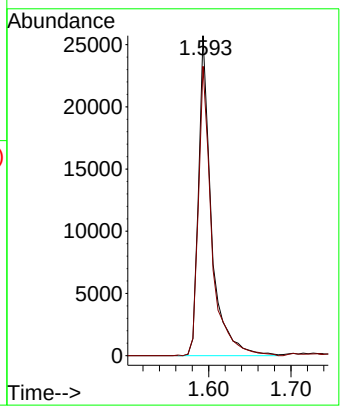


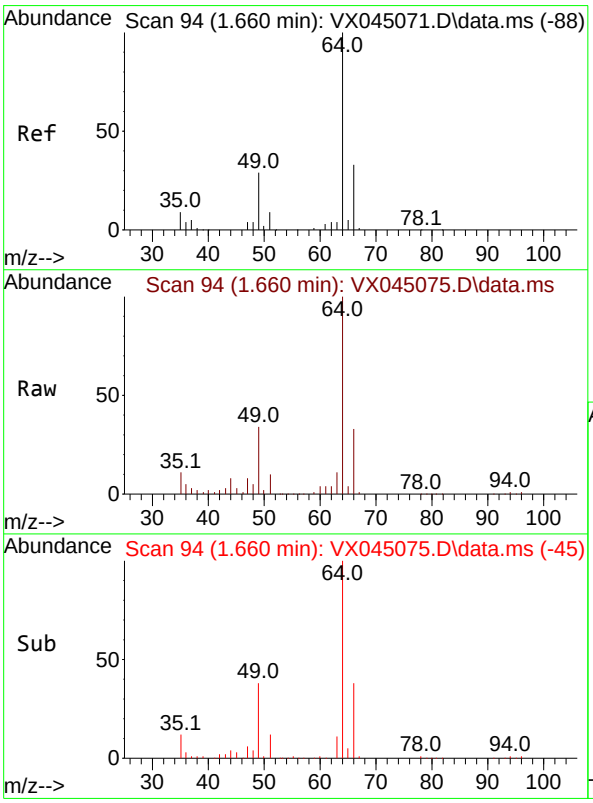
#5
Bromomethane
Concen: 46.190 ug/l
RT: 1.593 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Tgt Ion: 94 Resp: 28193

Ion	Ratio	Lower	Upper
94	100		
96	90.5	75.0	112.4

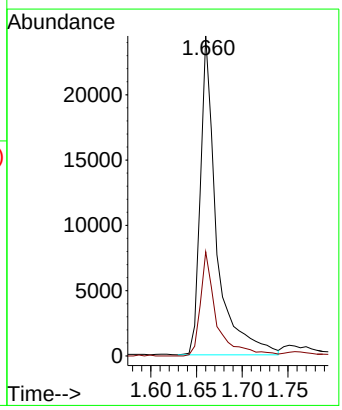


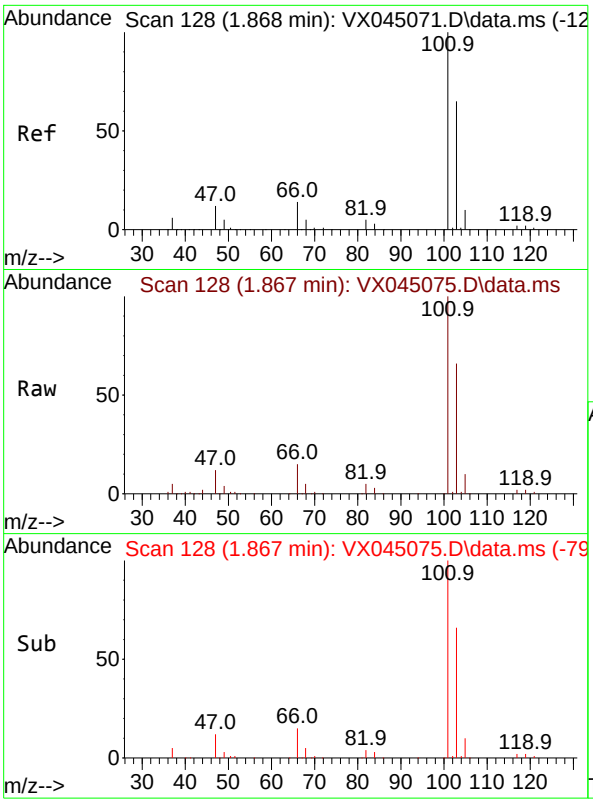


#6
Chloroethane
Concen: 41.948 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 64 Resp: 30042

Ion	Ratio	Lower	Upper
64	100		
66	32.6	26.7	40.1



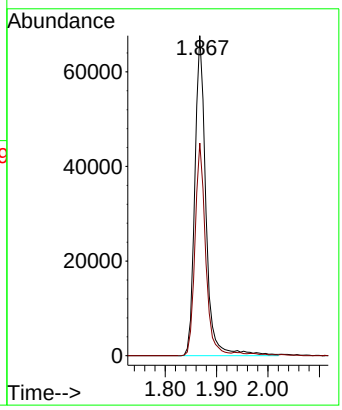


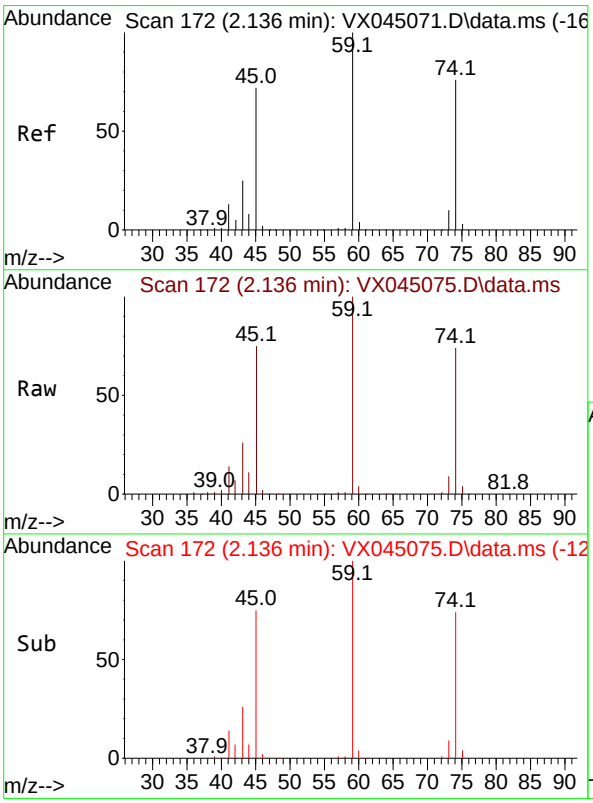
#7
Trichlorofluoromethane
Concen: 49.569 ug/l
RT: 1.867 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Tgt Ion:101 Resp: 101886

Ion	Ratio	Lower	Upper
101	100		
103	66.4	52.1	78.1

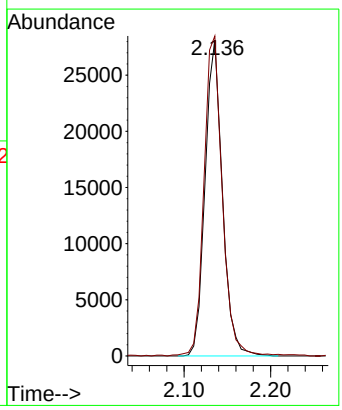


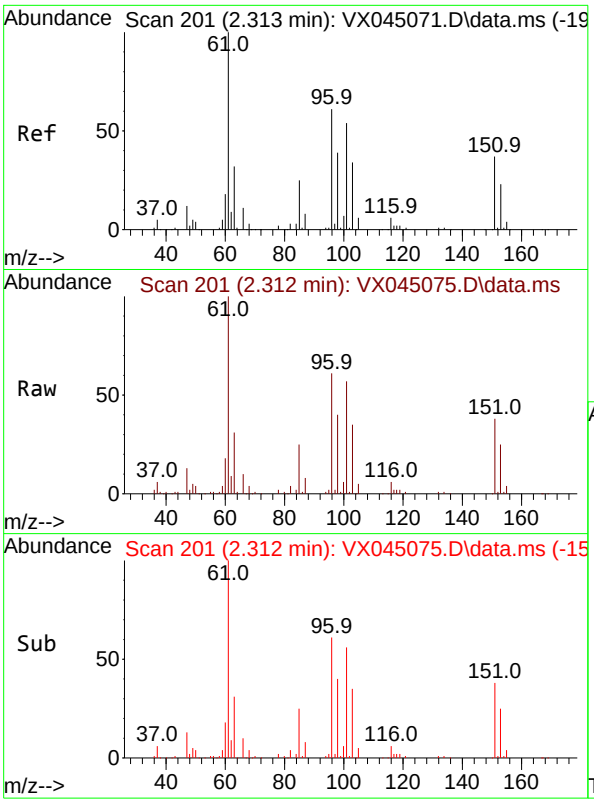


#8
Diethyl Ether
Concen: 48.651 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 74 Resp: 39113

Ion	Ratio	Lower	Upper
74	100		
45	107.2	51.5	154.5



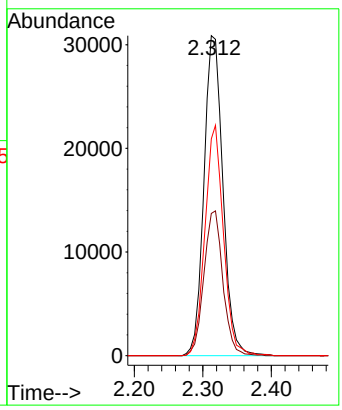


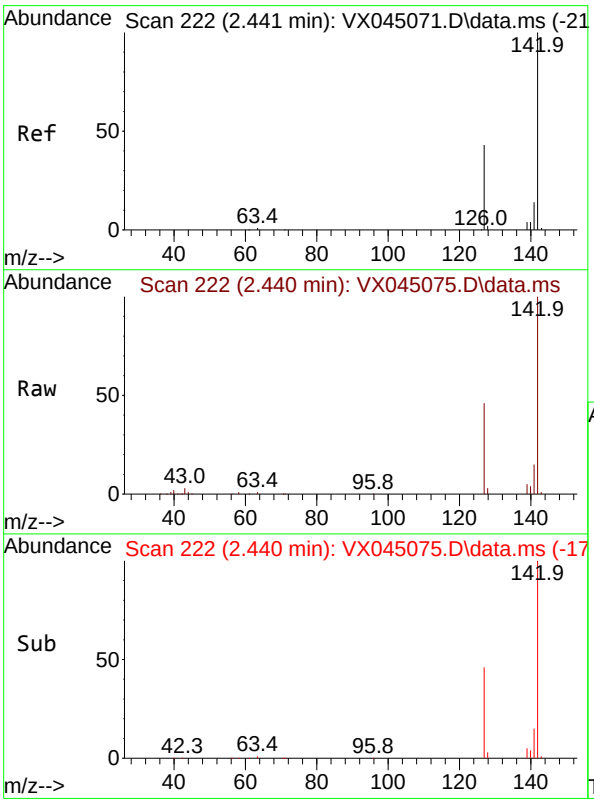
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.367 ug/l
RT: 2.312 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Tgt Ion:101 Resp: 59477

Ion	Ratio	Lower	Upper
101	100		
85	45.4	36.2	54.4
151	70.2	56.4	84.6

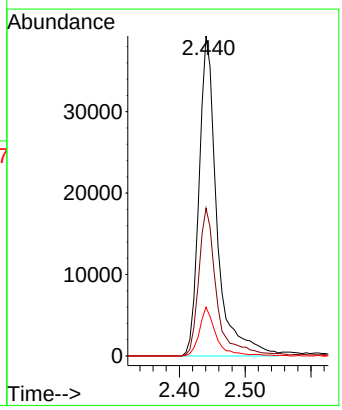


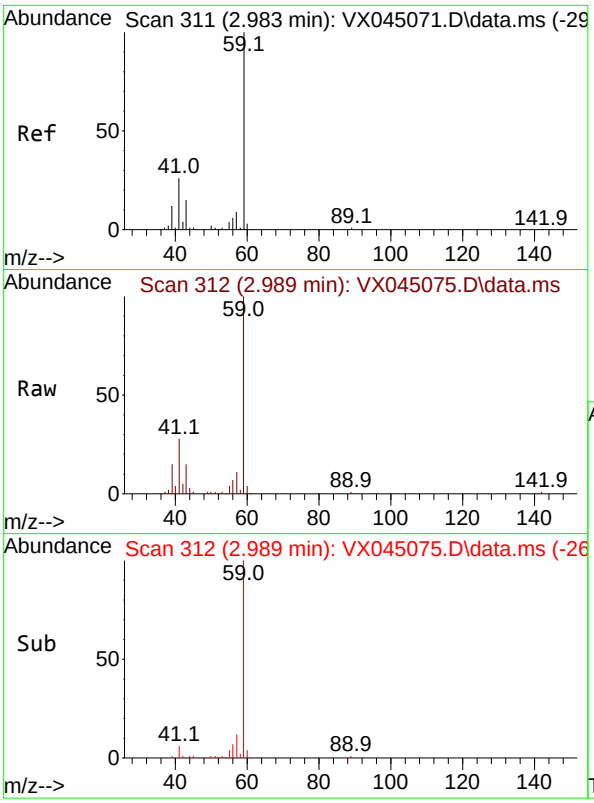


#10
Methyl Iodide
Concen: 50.541 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion:142 Resp: 74585

Ion	Ratio	Lower	Upper
142	100		
127	46.3	35.4	53.2
141	14.3	11.6	17.4



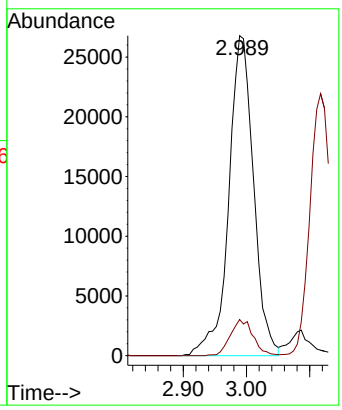


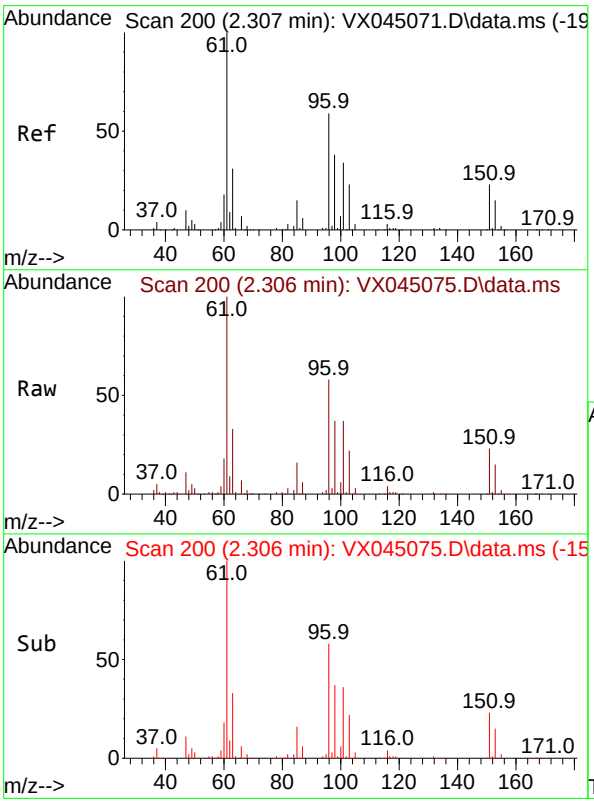
#11
Tert butyl alcohol
Concen: 238.577 ug/l
RT: 2.989 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Tgt Ion: 59 Resp: 73034

Ion	Ratio	Lower	Upper
59	100		
57	10.4	7.8	11.8

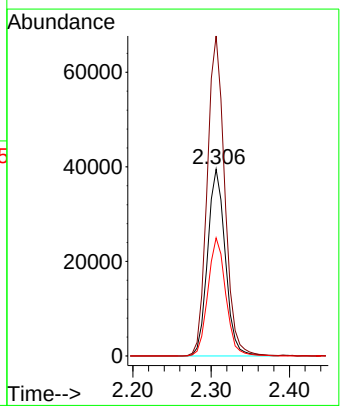


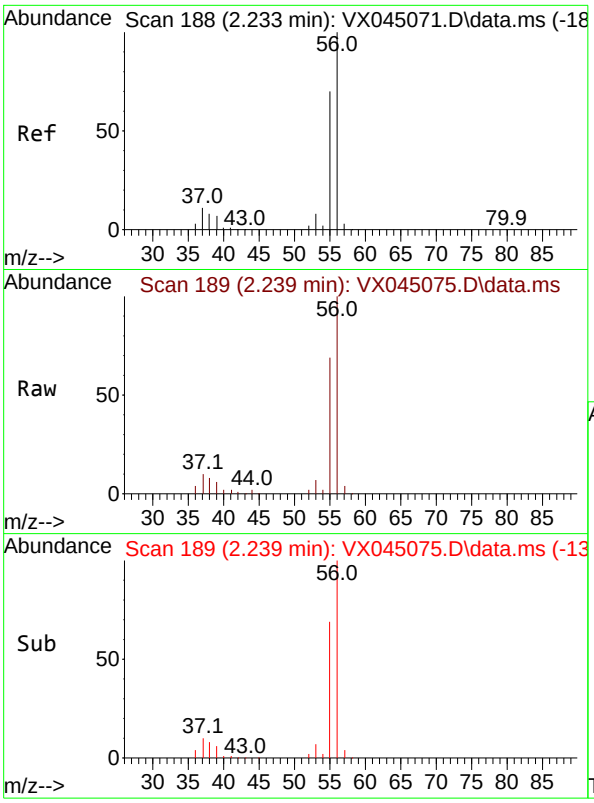


#12
1,1-Dichloroethene
Concen: 49.568 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 96 Resp: 61885

Ion	Ratio	Lower	Upper
96	100		
61	171.3	134.6	202.0
98	63.2	51.0	76.6



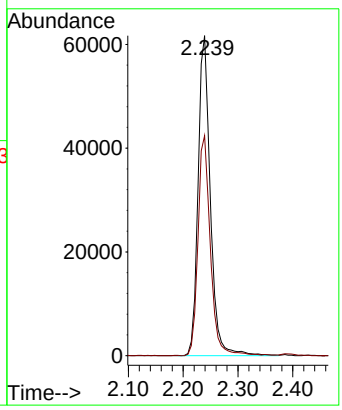


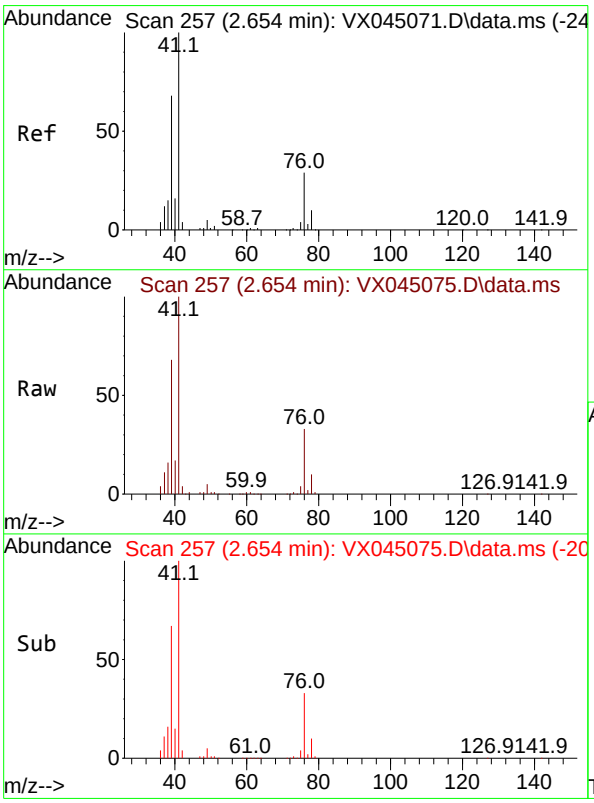
#13
Acrolein
Concen: 271.255 ug/l
RT: 2.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Tgt Ion: 56 Resp: 95989

Ion	Ratio	Lower	Upper
56	100		
55	69.5	56.2	84.4

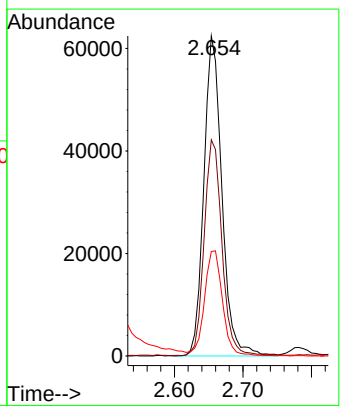


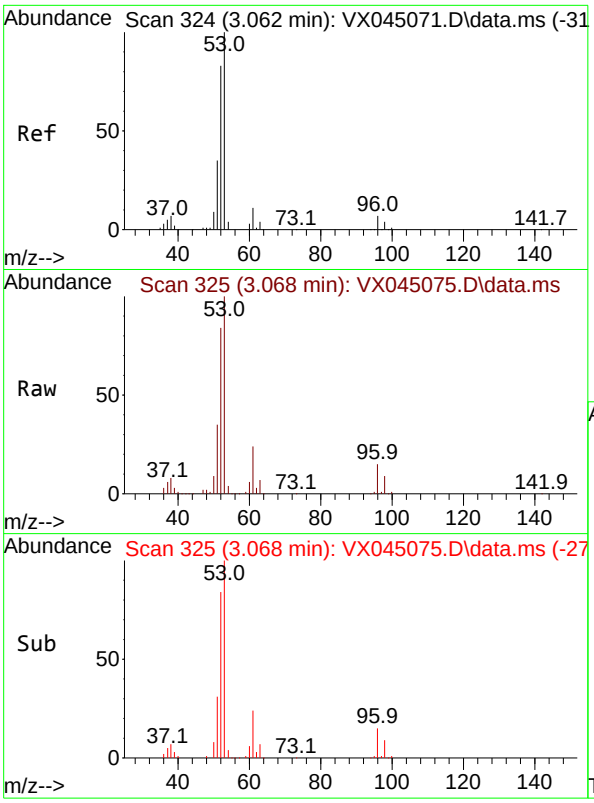


#14
Allyl chloride
Concen: 51.691 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 41 Resp: 114875

Ion	Ratio	Lower	Upper
41	100		
39	66.3	53.8	80.8
76	33.0	25.2	37.8



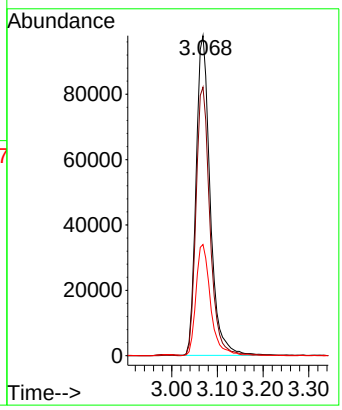


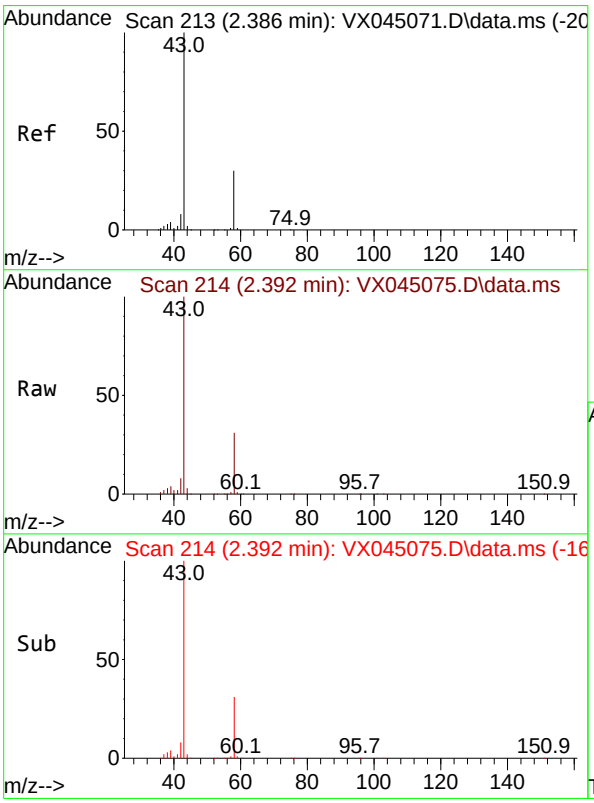
#15
Acrylonitrile
Concen: 255.479 ug/l
RT: 3.068 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Tgt Ion: 53 Resp: 209607

Ion	Ratio	Lower	Upper
53	100		
52	83.8	66.2	99.2
51	35.8	29.0	43.4

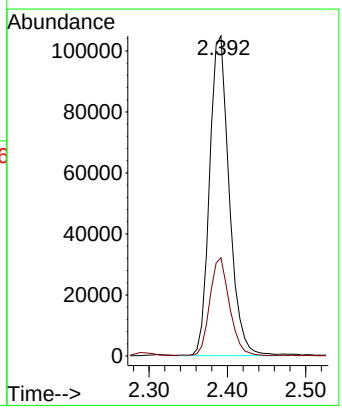


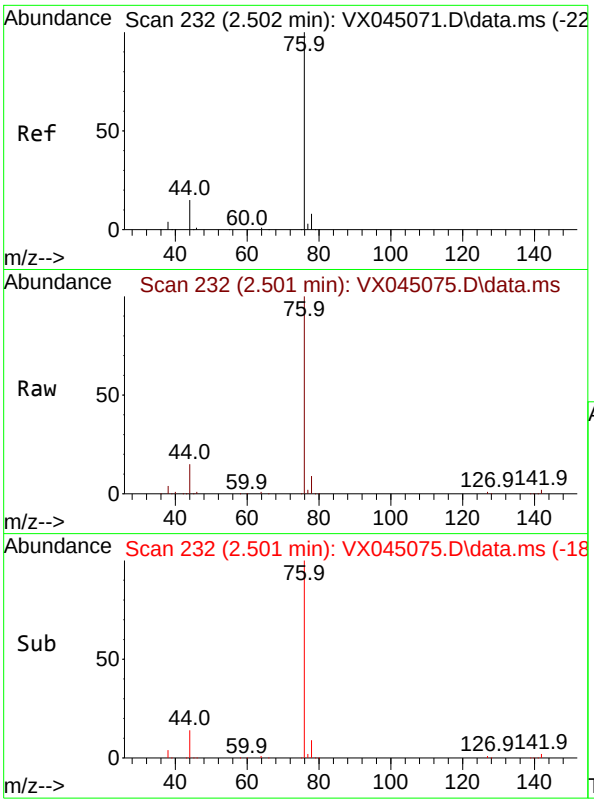


#16
Acetone
Concen: 242.877 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 43 Resp: 182119

Ion	Ratio	Lower	Upper
43	100		
58	30.5	24.2	36.4



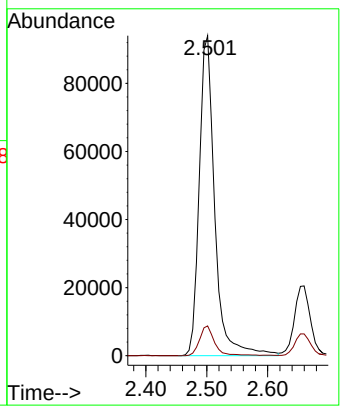


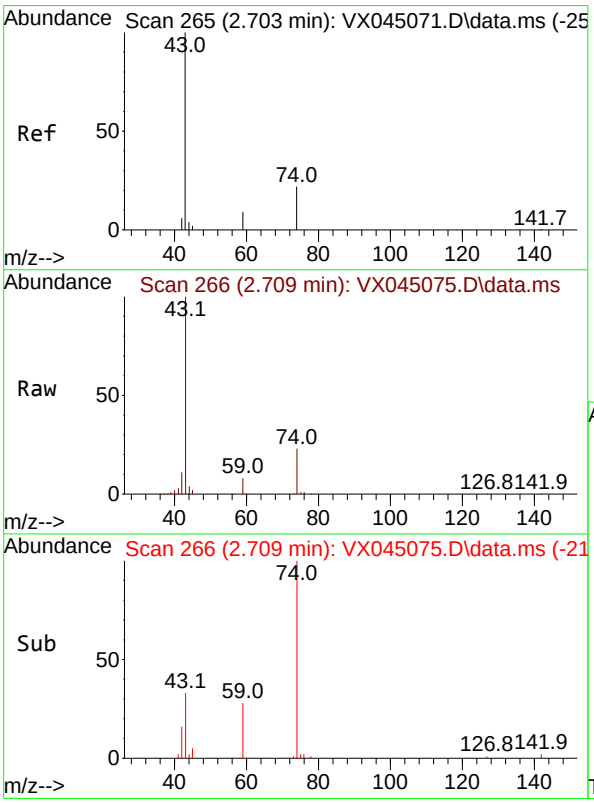
#17
Carbon Disulfide
Concen: 49.952 ug/l
RT: 2.501 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Tgt Ion: 76 Resp: 166105

Ion	Ratio	Lower	Upper
76	100		
78	9.3	6.6	9.8

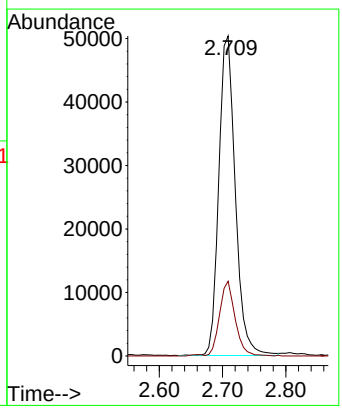


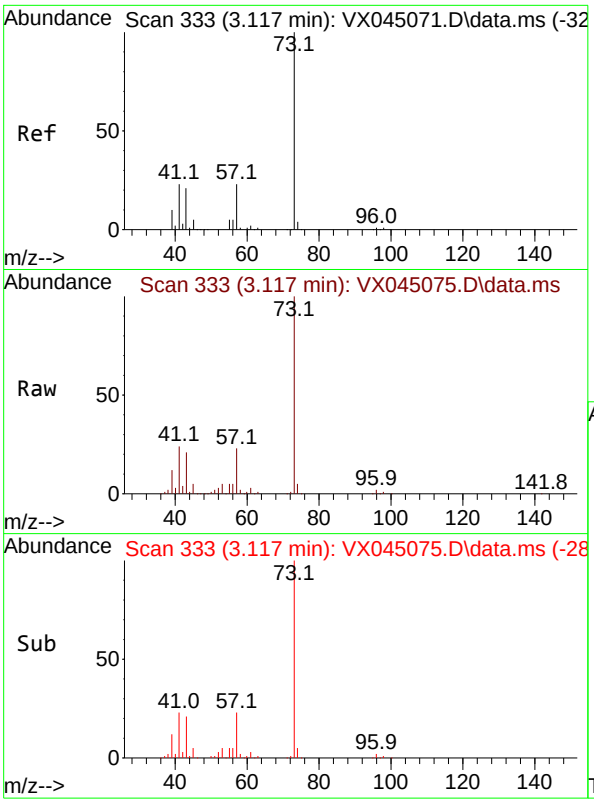


#18
Methyl Acetate
Concen: 50.312 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 43 Resp: 90756

Ion	Ratio	Lower	Upper
43	100		
74	22.1	17.4	26.2



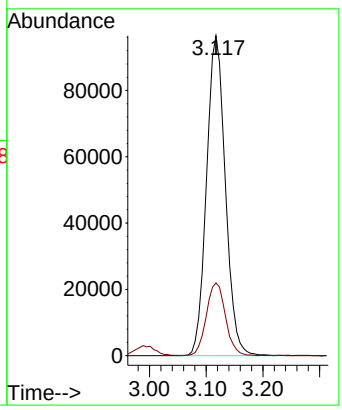


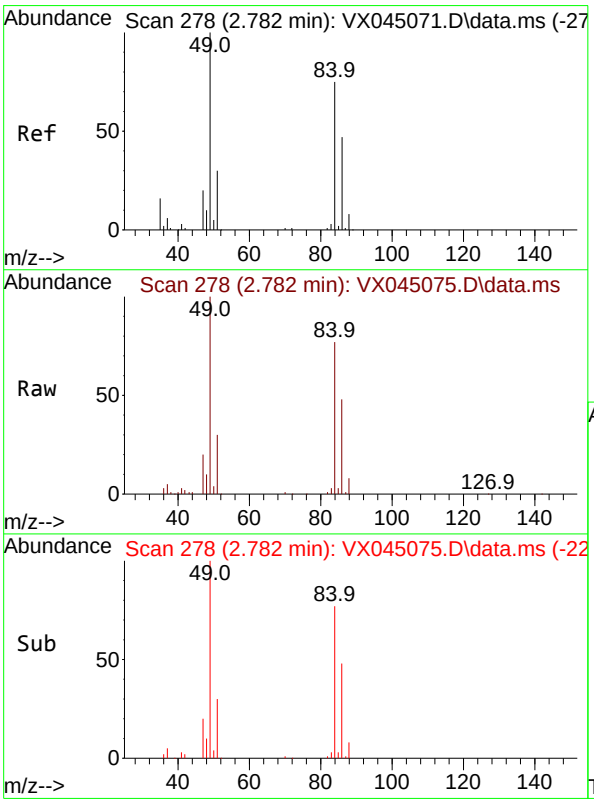
#19
Methyl tert-butyl Ether
Concen: 53.114 ug/l
RT: 3.117 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Tgt Ion: 73 Resp: 222475

Ion	Ratio	Lower	Upper
73	100		
57	22.7	18.5	27.7

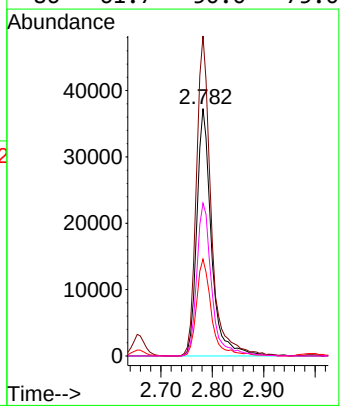


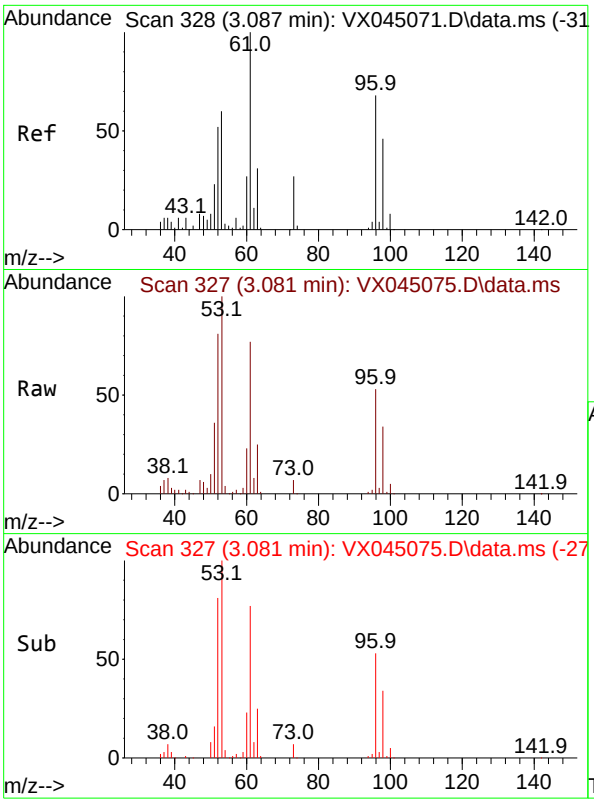


#20
Methylene Chloride
Concen: 49.639 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 84 Resp: 73731

Ion	Ratio	Lower	Upper
84	100		
49	129.3	106.5	159.7
51	39.1	32.1	48.1
86	61.7	50.0	75.0



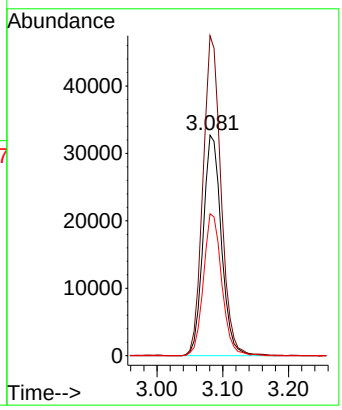


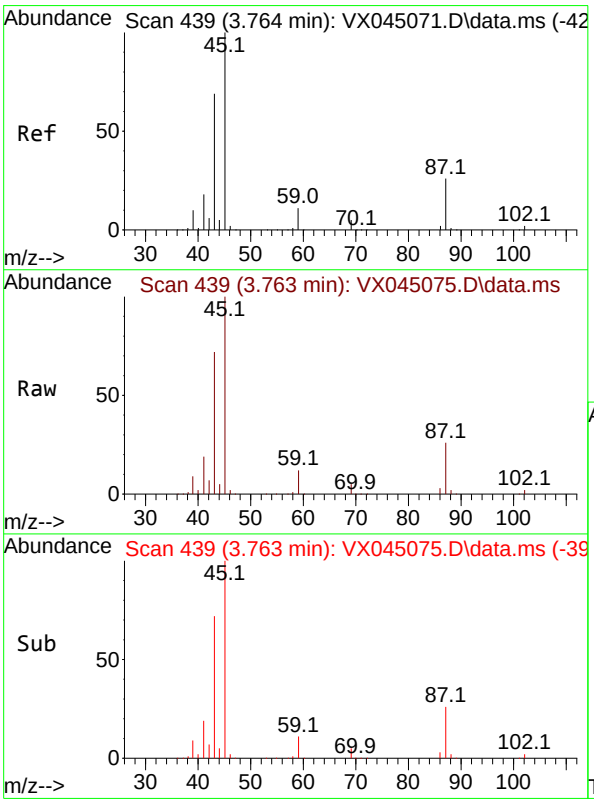
#21
trans-1,2-Dichloroethene
Concen: 51.172 ug/l
RT: 3.081 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Tgt Ion: 96 Resp: 63117

Ion	Ratio	Lower	Upper
96	100		
61	145.2	117.0	175.4
98	64.4	53.4	80.2

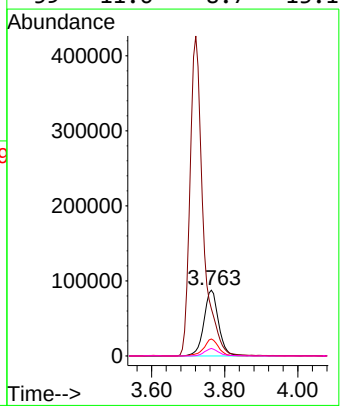


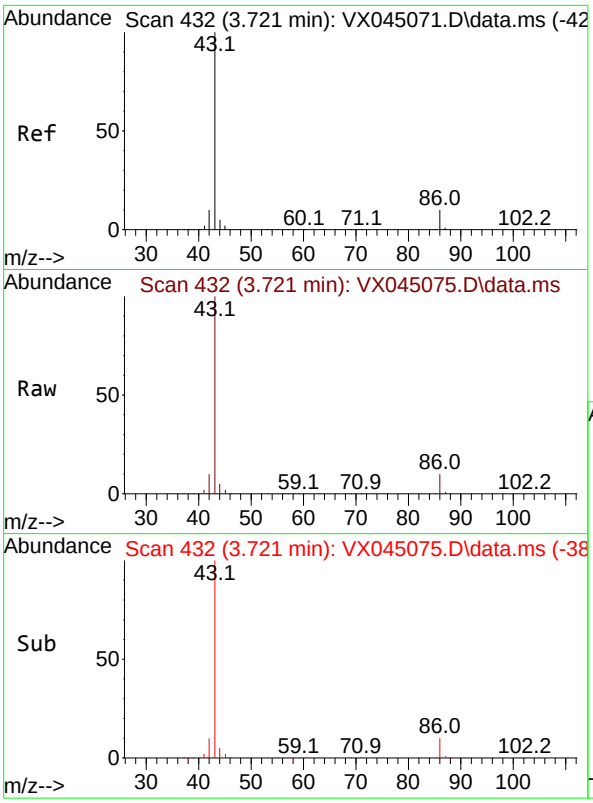


#22
Diisopropyl ether
Concen: 53.955 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 45 Resp: 243860

Ion	Ratio	Lower	Upper
45	100		
43	71.9	54.9	82.3
87	25.8	21.0	31.4
59	11.6	8.7	13.1



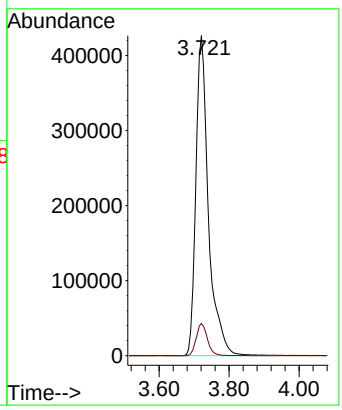


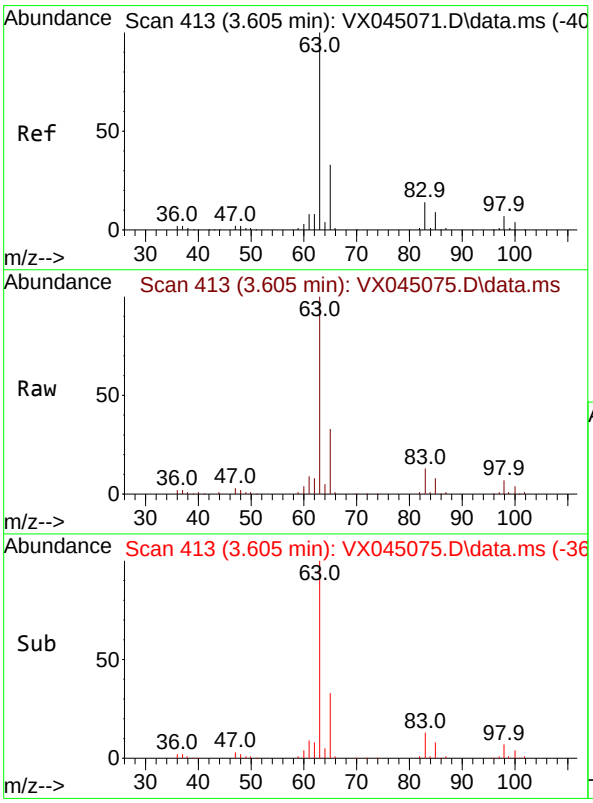
#23
Vinyl Acetate
Concen: 282.313 ug/l
RT: 3.721 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Tgt Ion: 43 Resp: 1064817

Ion	Ratio	Lower	Upper
43	100		
86	10.0	8.1	12.1

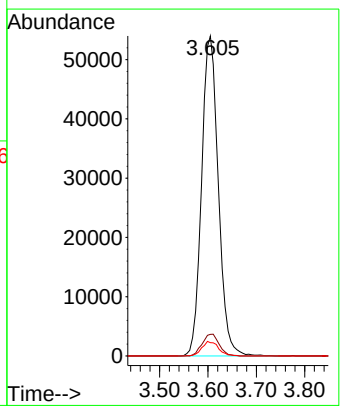


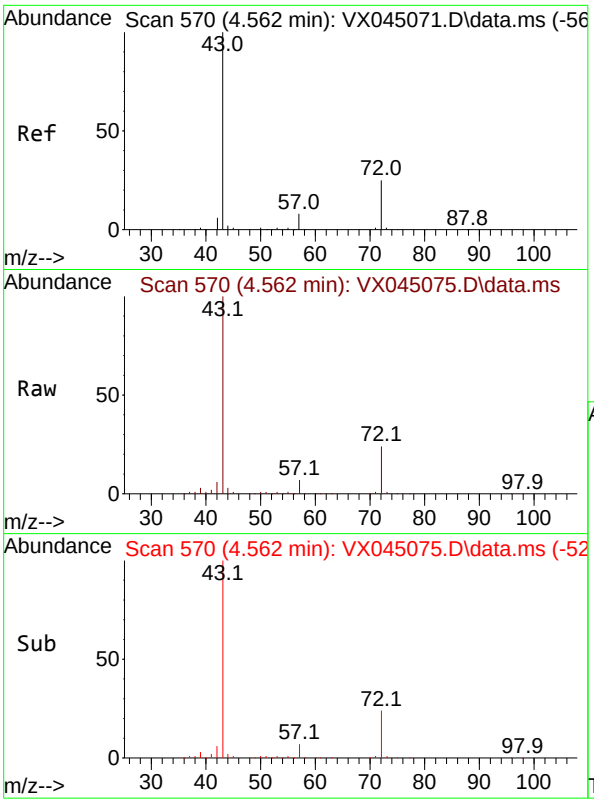


#24
1,1-Dichloroethane
Concen: 51.190 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 63 Resp: 129666

Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.4	10.2
100	4.1	2.1	6.5



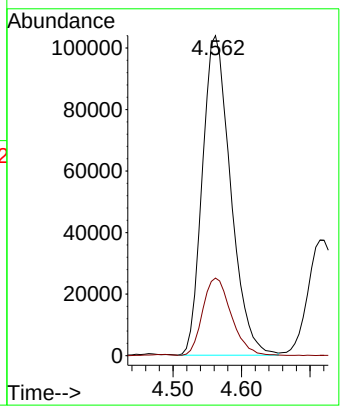


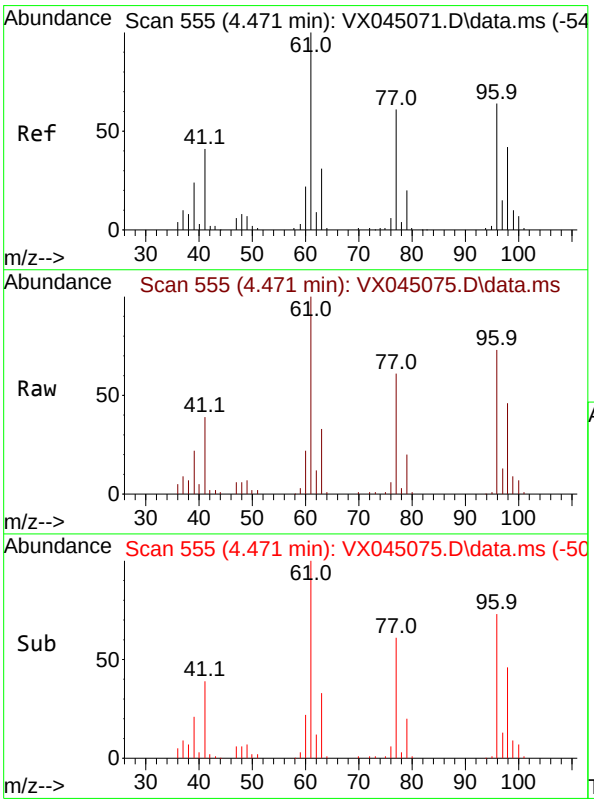
#25
2-Butanone
Concen: 264.040 ug/l
RT: 4.562 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Tgt Ion: 43 Resp: 298021

Ion	Ratio	Lower	Upper
43	100		
72	24.1	20.0	30.0

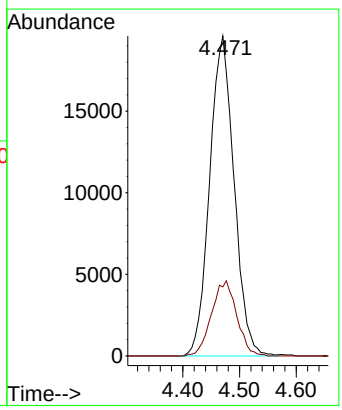


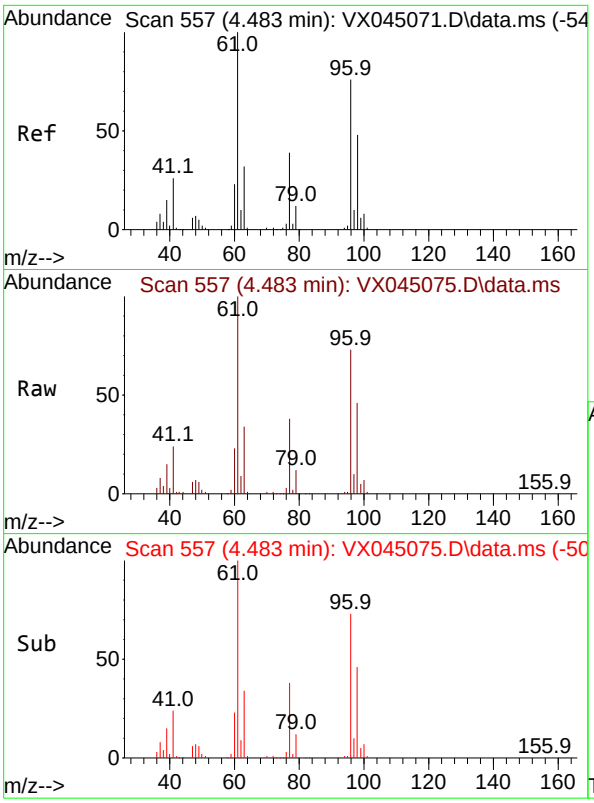


#26
2,2-Dichloropropane
Concen: 49.401 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 77 Resp: 58694

Ion	Ratio	Lower	Upper
77	100		
97	24.2	12.4	37.0



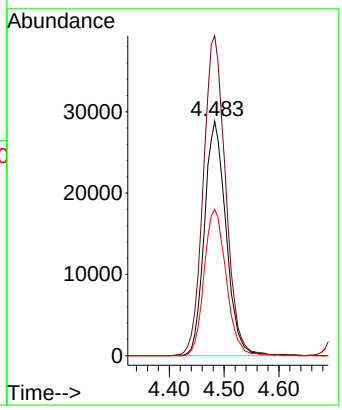


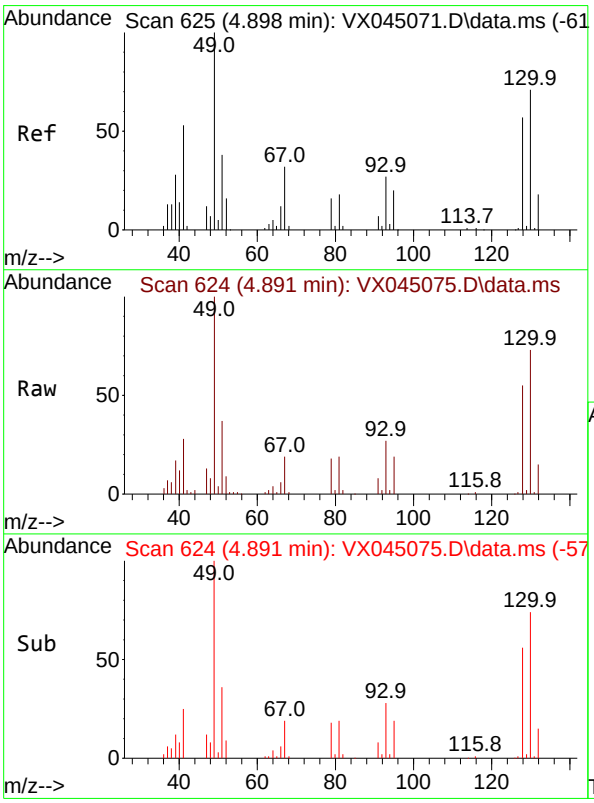
#27
cis-1,2-Dichloroethene
Concen: 51.606 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Tgt Ion: 96 Resp: 78576

Ion	Ratio	Lower	Upper
96	100		
61	141.2	0.0	283.2
98	63.8	0.0	128.0

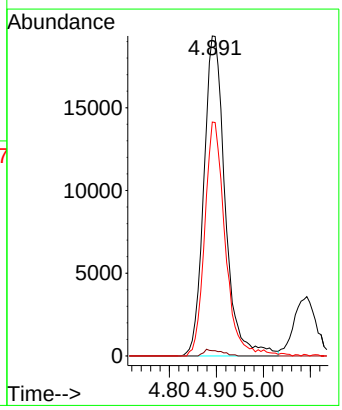


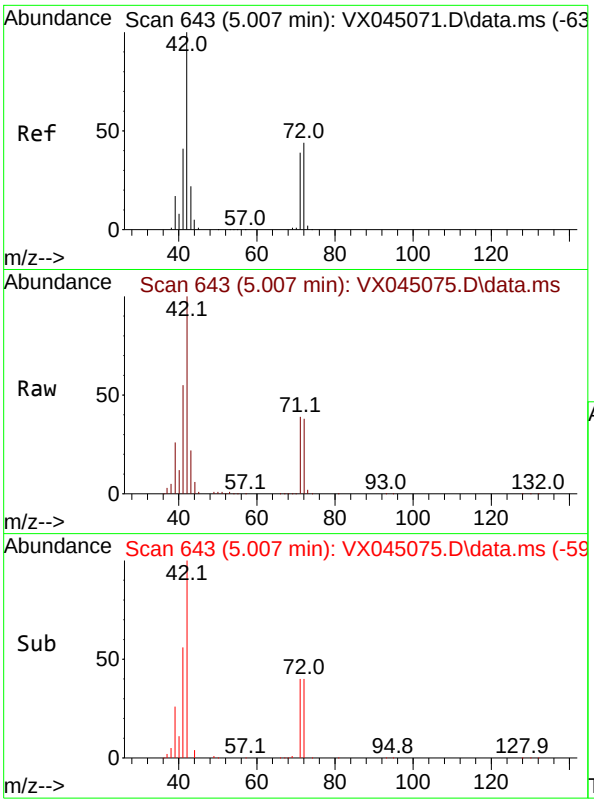


#28
Bromochloromethane
Concen: 50.399 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 49 Resp: 60849

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.4
130	70.0	56.1	84.1



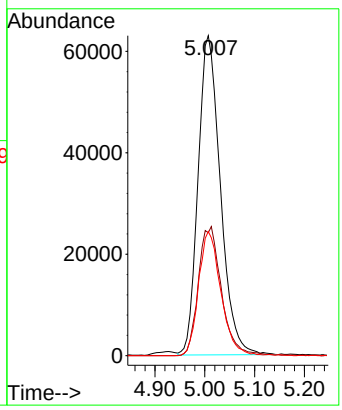


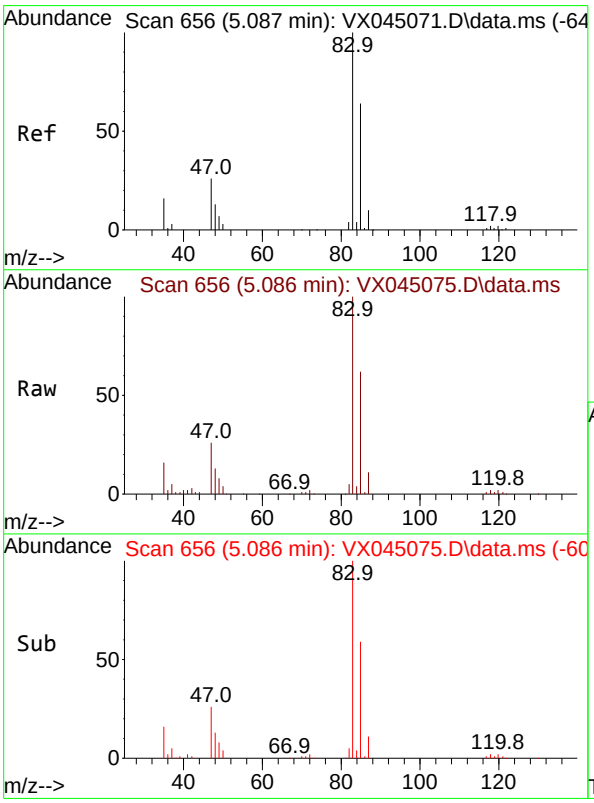
#29
Tetrahydrofuran
Concen: 258.277 ug/l
RT: 5.007 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Tgt Ion: 42 Resp: 195768

Ion	Ratio	Lower	Upper
42	100		
72	42.0	34.1	51.1
71	38.9	31.4	47.0

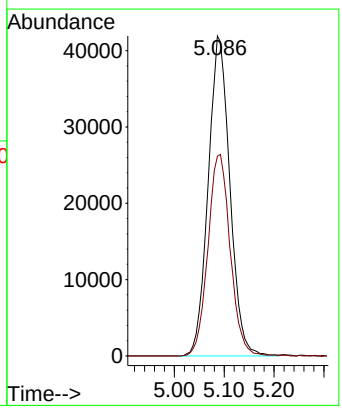


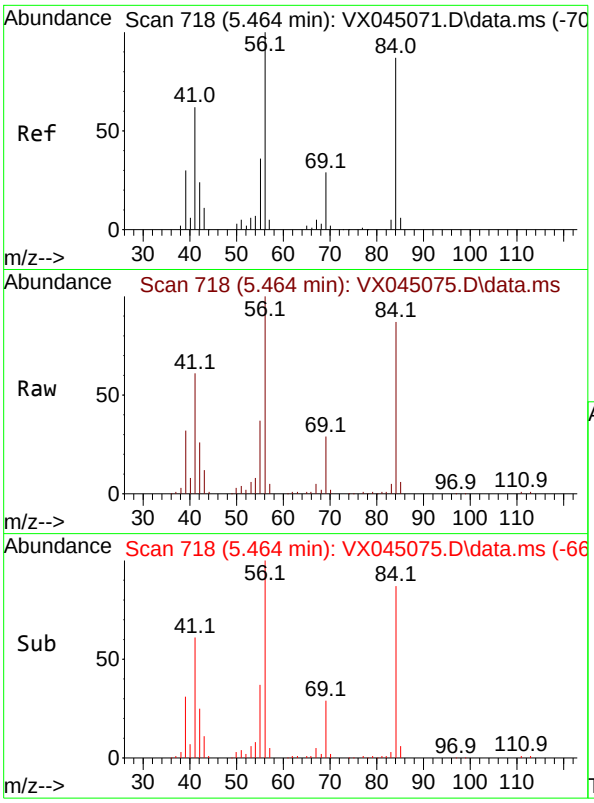


#30
Chloroform
Concen: 50.236 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 83 Resp: 126437

Ion	Ratio	Lower	Upper
83	100		
85	62.4	51.4	77.2



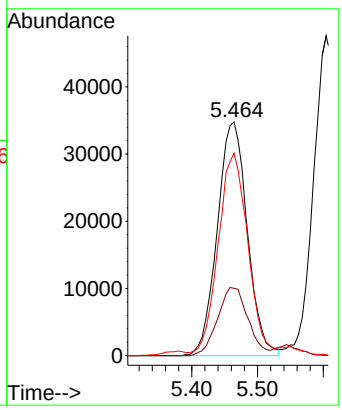


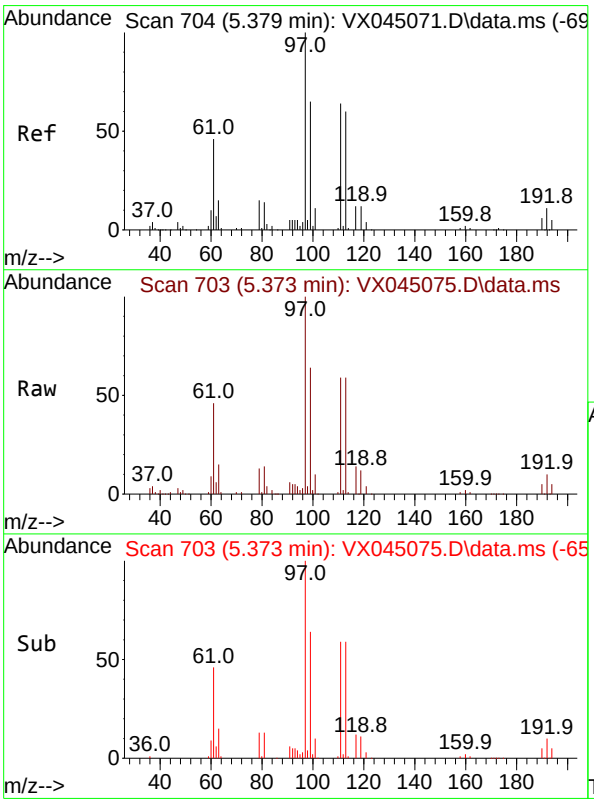
#31
Cyclohexane
Concen: 50.158 ug/l
RT: 5.464 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Tgt Ion: 56 Resp: 110288

Ion	Ratio	Lower	Upper
56	100		
69	28.8	23.4	35.2
84	84.6	69.4	104.2

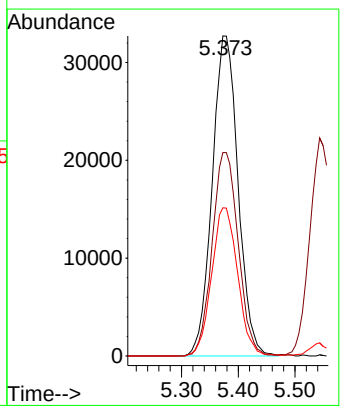


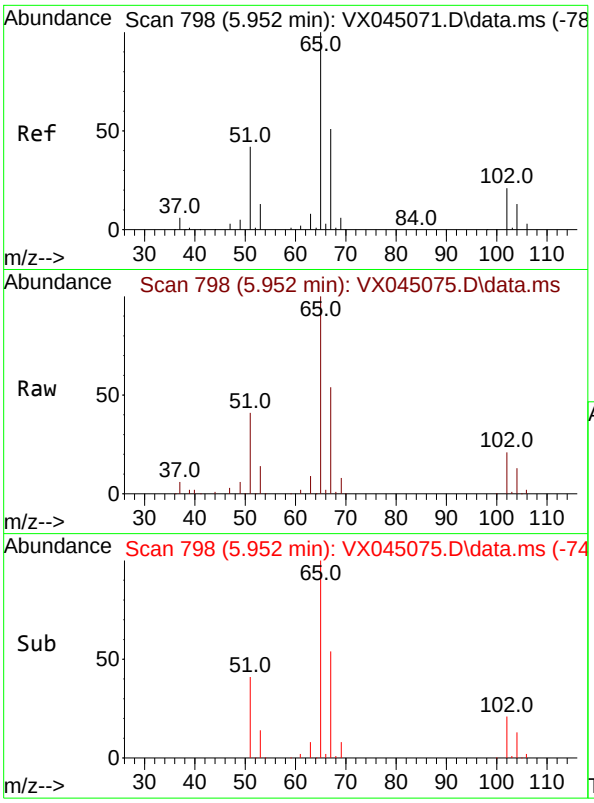


#32
1,1,1-Trichloroethane
Concen: 50.939 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 97 Resp: 103546

Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.6	77.4
61	46.7	38.4	57.6



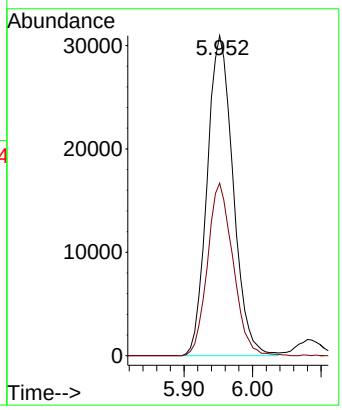


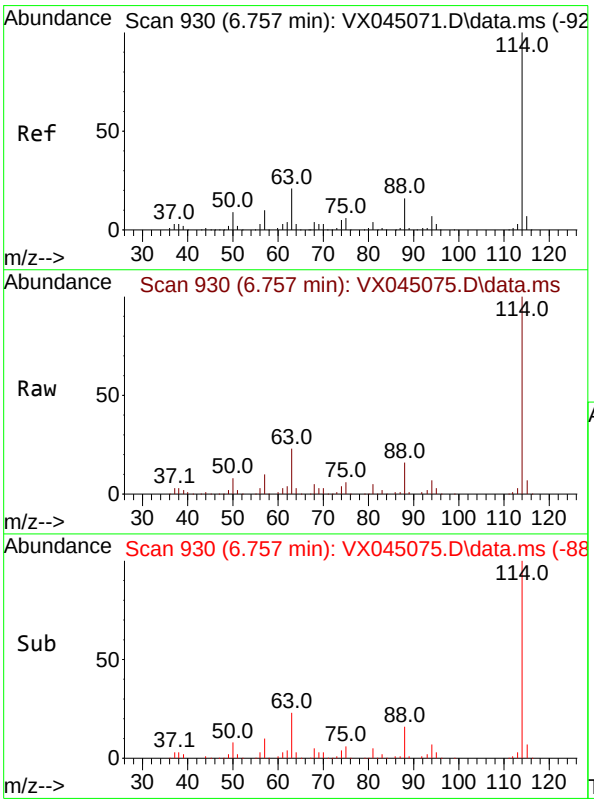
#33
1,2-Dichloroethane-d4
Concen: 50.297 ug/l
RT: 5.952 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Tgt Ion: 65 Resp: 81288

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	106.2

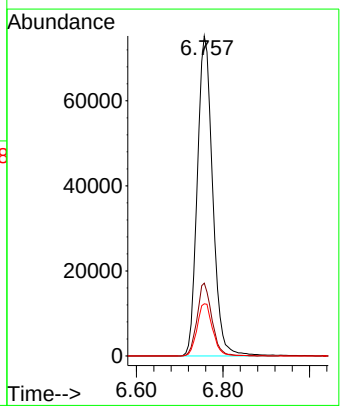


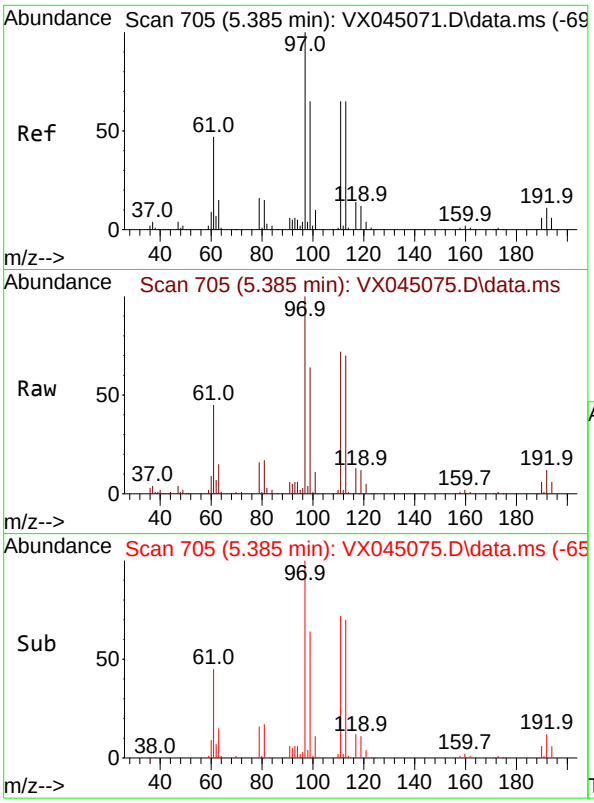


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion:114 Resp: 184964

Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	41.8
88	16.3	0.0	32.8



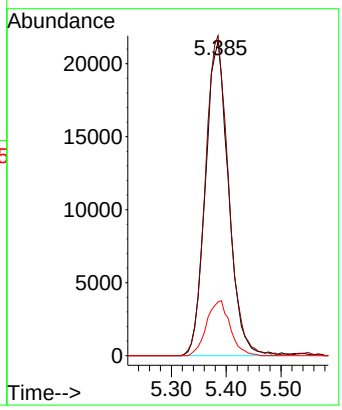


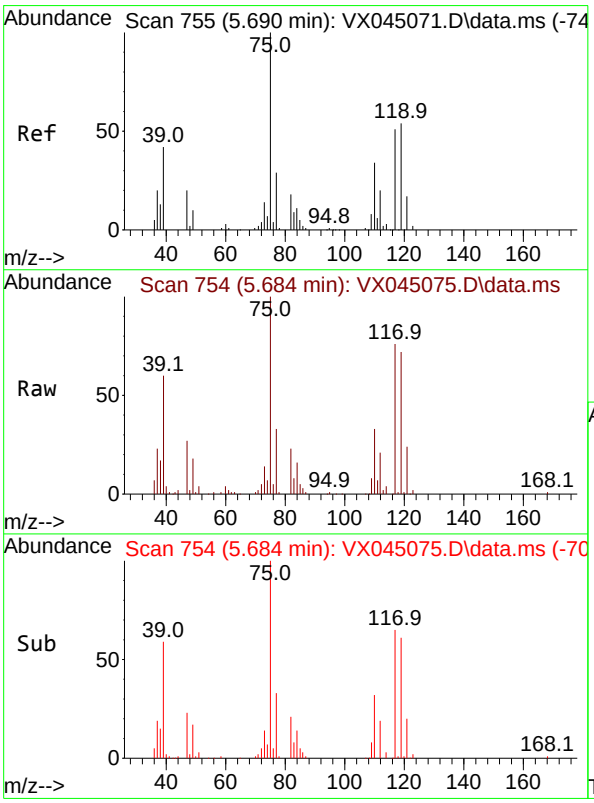
#35
Dibromofluoromethane
Concen: 50.841 ug/l
RT: 5.385 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Tgt Ion:113 Resp: 62880

Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.8	122.6
192	17.8	14.3	21.5

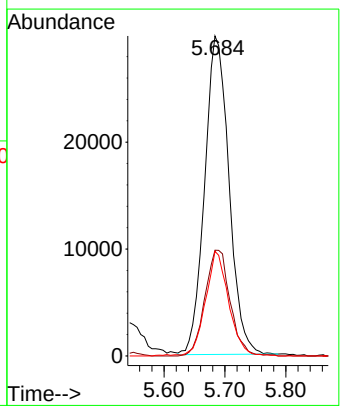


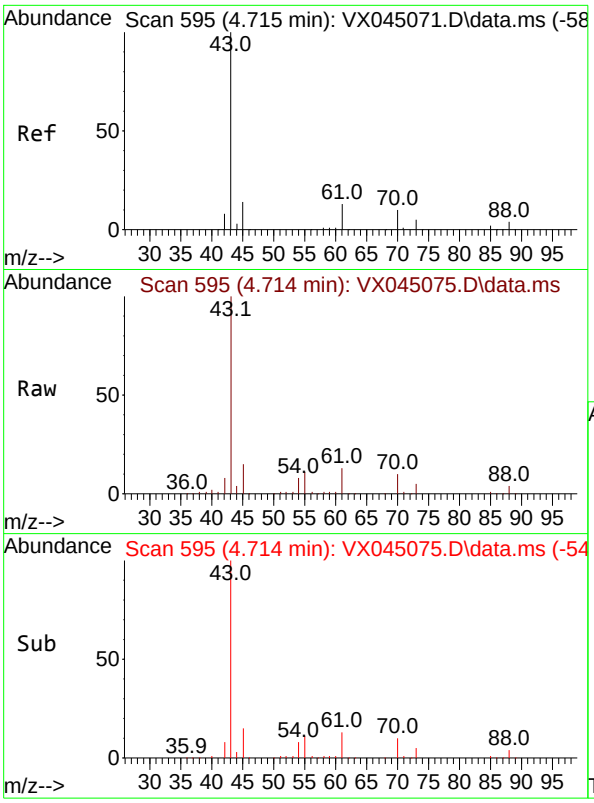


#36
1,1-Dichloropropene
Concen: 48.770 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 75 Resp: 82722

Ion	Ratio	Lower	Upper
75	100		
110	34.3	16.9	50.6
77	31.2	24.5	36.7



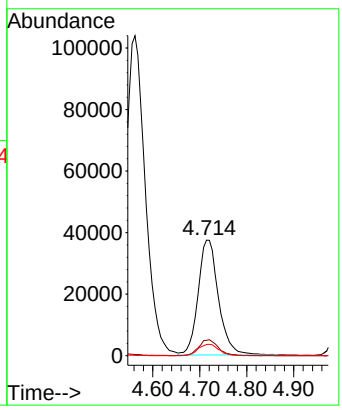


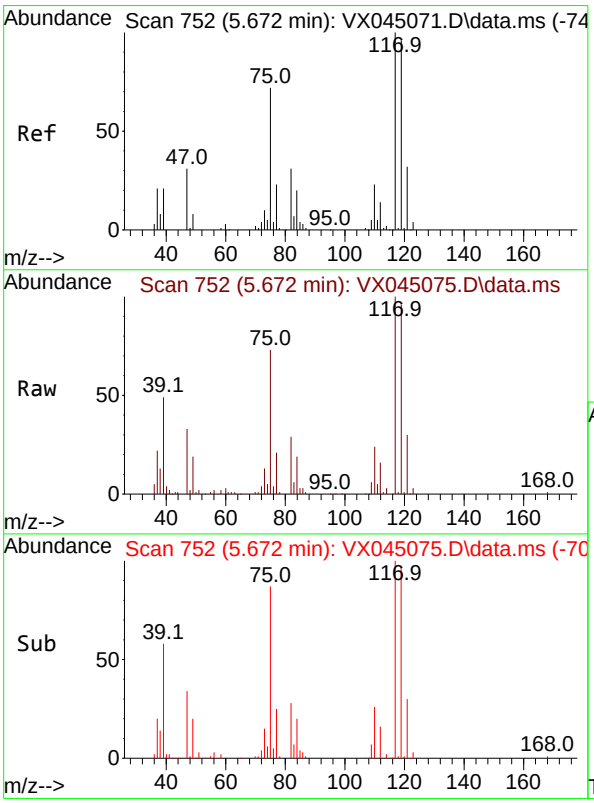
#37
Ethyl Acetate
Concen: 51.596 ug/l
RT: 4.714 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Tgt Ion: 43 Resp: 112768

Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.8	16.2
70	10.1	7.7	11.5

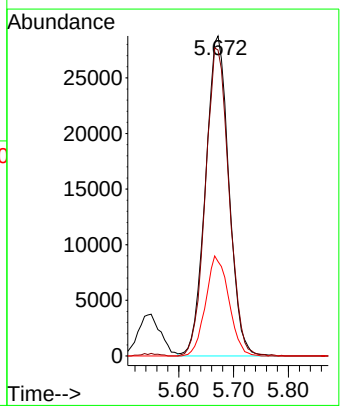


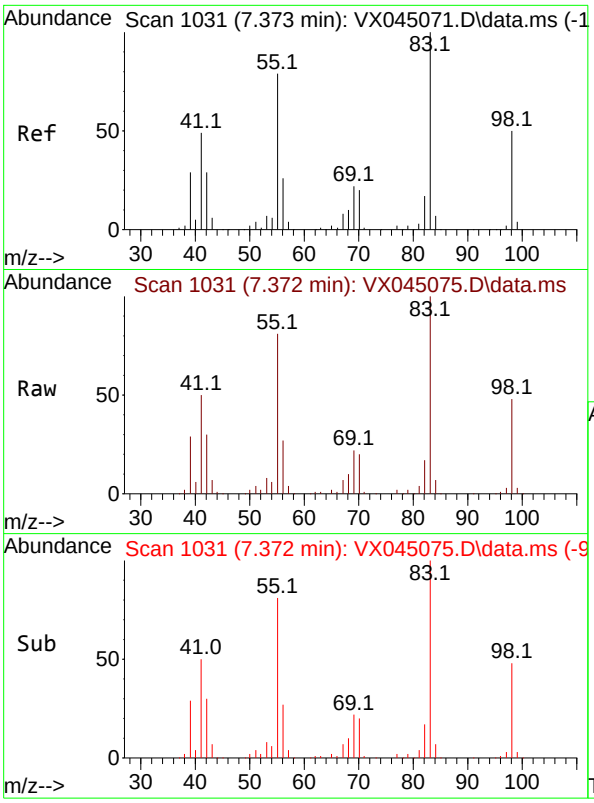


#38
Carbon Tetrachloride
Concen: 49.425 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion:117 Resp: 85110

Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.7	115.1
121	29.5	25.5	38.3



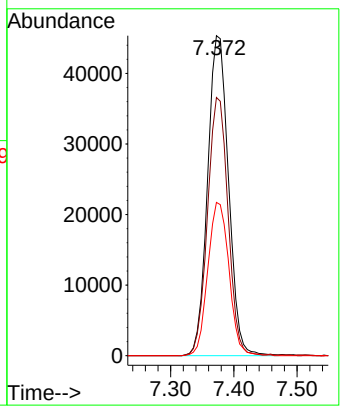


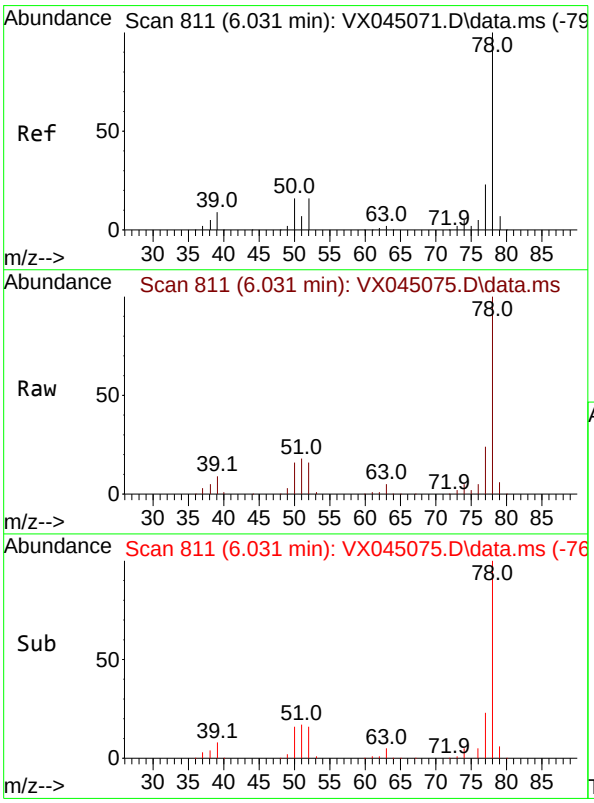
#39
Methylcyclohexane
Concen: 51.169 ug/l
RT: 7.372 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Tgt Ion: 83 Resp: 103996

Ion	Ratio	Lower	Upper
83	100		
55	80.7	63.0	94.4
98	47.9	39.7	59.5

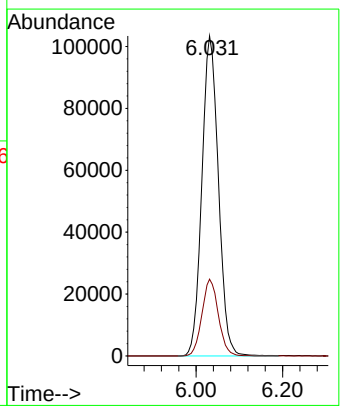


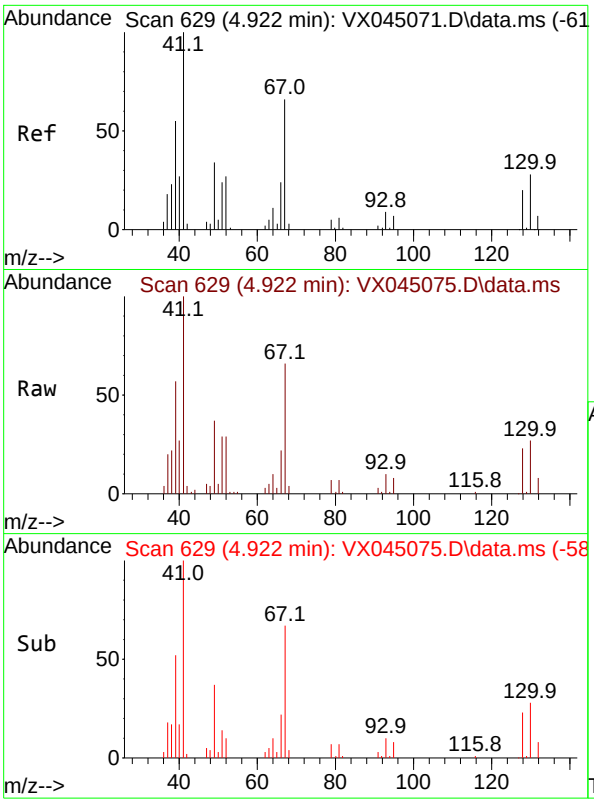


#40
Benzene
Concen: 51.195 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 78 Resp: 274206

Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.8	28.2



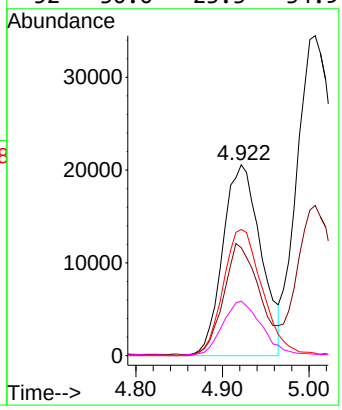


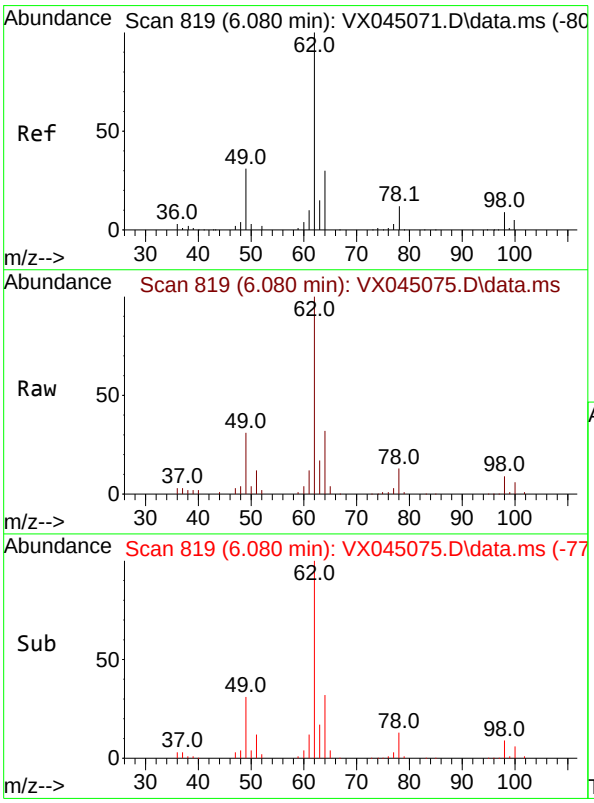
#41
Methacrylonitrile
Concen: 53.352 ug/l
RT: 4.922 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Tgt Ion: 41 Resp: 63051

Ion	Ratio	Lower	Upper
41	100		
39	55.0	44.6	67.0
67	68.1	53.9	80.9
52	30.0	23.3	34.9

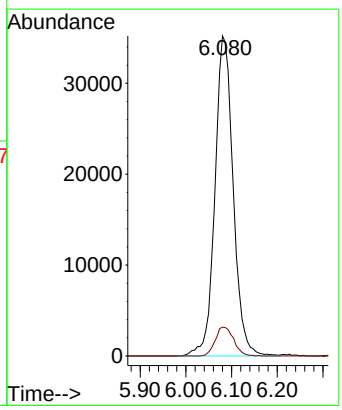


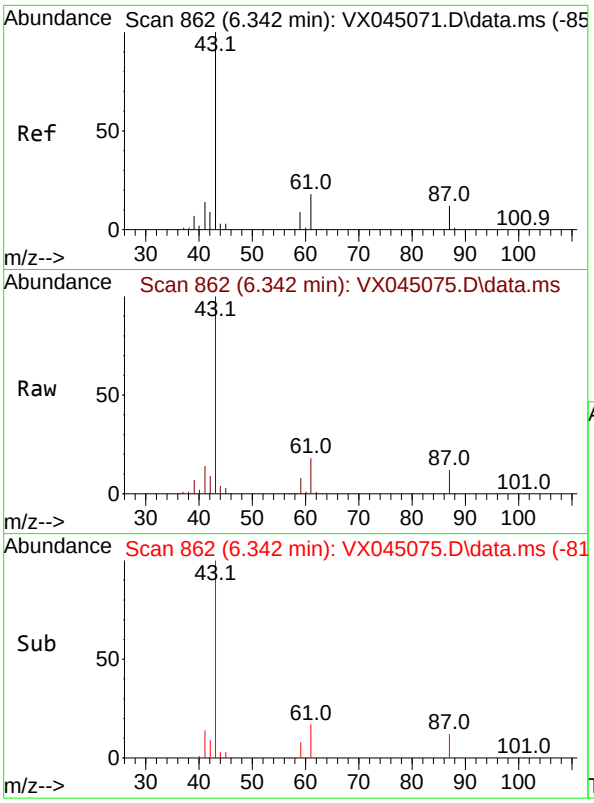


#42
1,2-Dichloroethane
Concen: 50.718 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 62 Resp: 97821

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.2



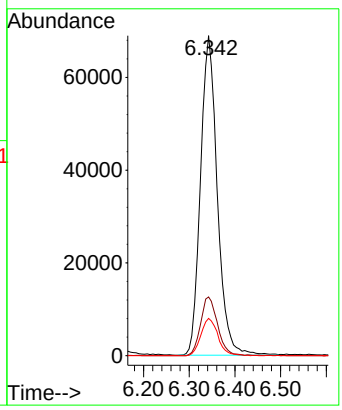


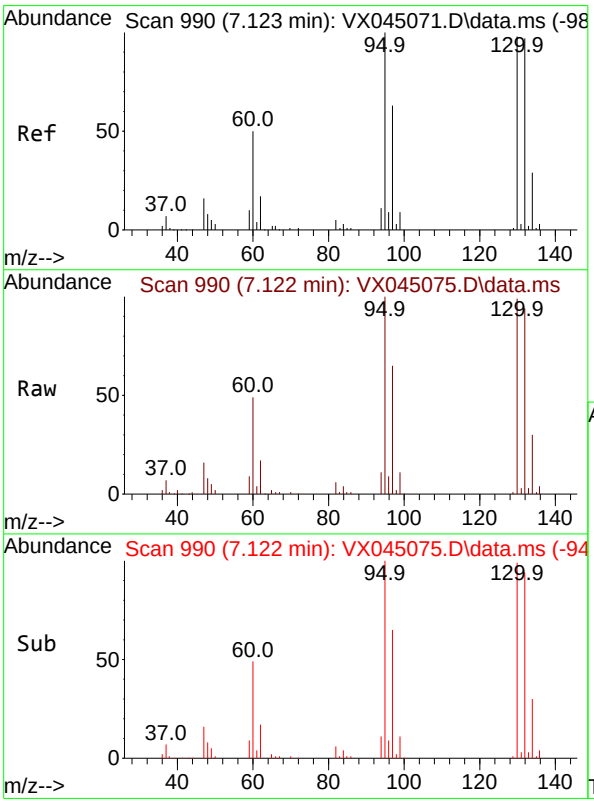
#43
Isopropyl Acetate
Concen: 54.452 ug/l
RT: 6.342 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Tgt Ion: 43 Resp: 175982

Ion	Ratio	Lower	Upper
43	100		
61	18.5	14.9	22.3
87	11.8	9.4	14.2

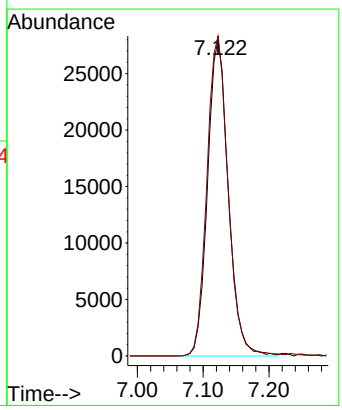


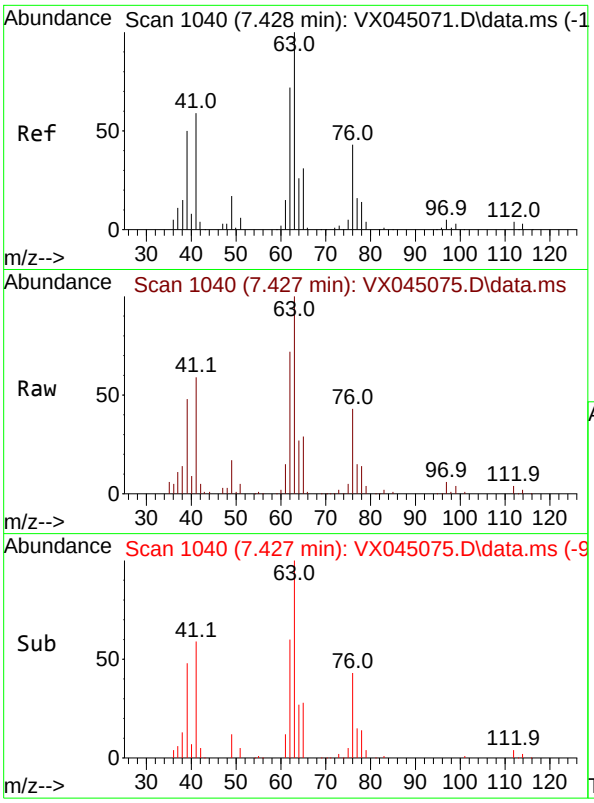


#44
Trichloroethene
Concen: 48.924 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion:130 Resp: 61530

Ion	Ratio	Lower	Upper
130	100		
95	101.1	0.0	205.0



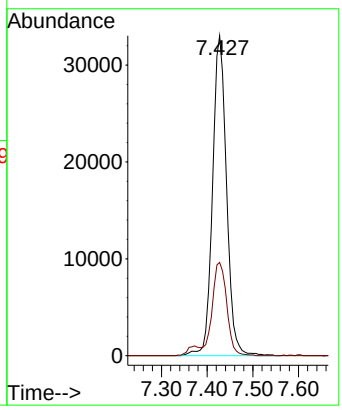


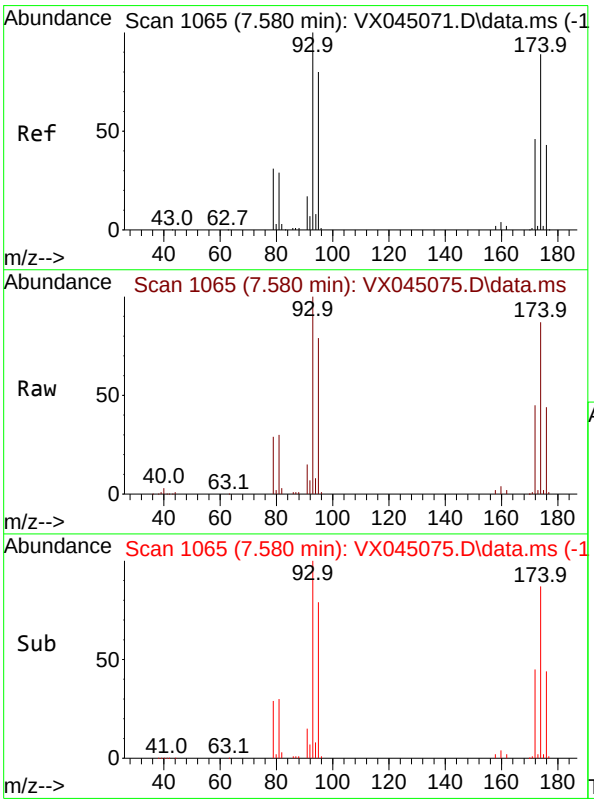
#45
1,2-Dichloropropane
Concen: 51.086 ug/l
RT: 7.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Tgt Ion: 63 Resp: 70350

Ion	Ratio	Lower	Upper
63	100		
65	29.2	24.7	37.1

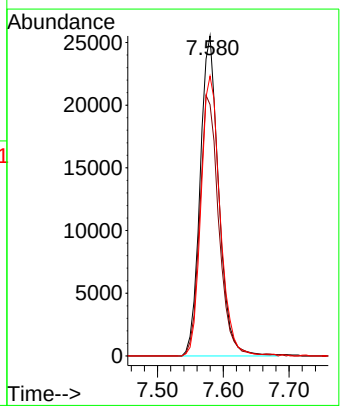


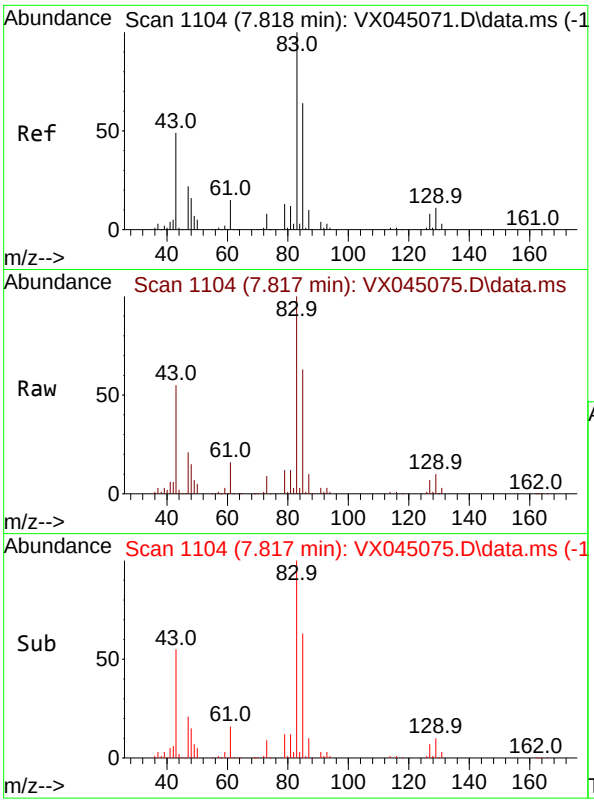


#46
Dibromomethane
Concen: 51.661 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 93 Resp: 50284

Ion	Ratio	Lower	Upper
93	100		
95	82.8	65.8	98.8
174	89.4	72.2	108.2



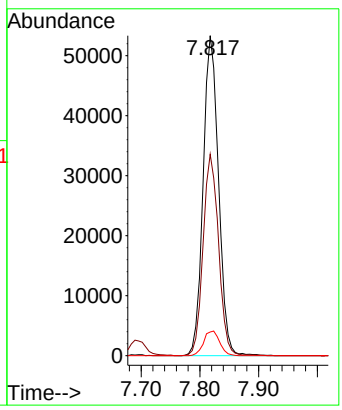


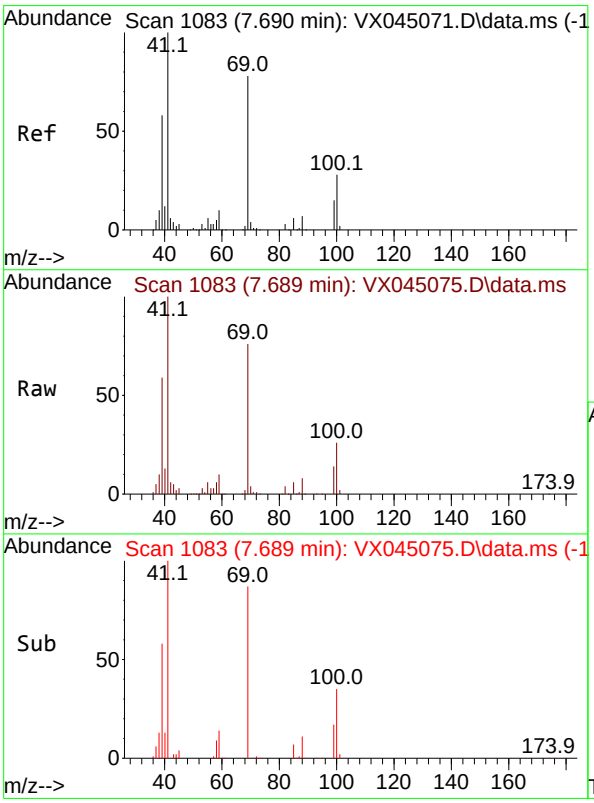
#47
Bromodichloromethane
Concen: 50.930 ug/l
RT: 7.817 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Tgt Ion: 83 Resp: 97236

Ion	Ratio	Lower	Upper
83	100		
85	63.0	51.1	76.7
127	7.4	6.4	9.6

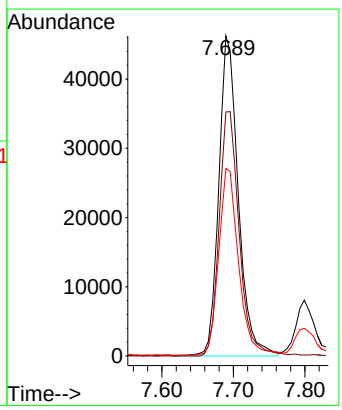


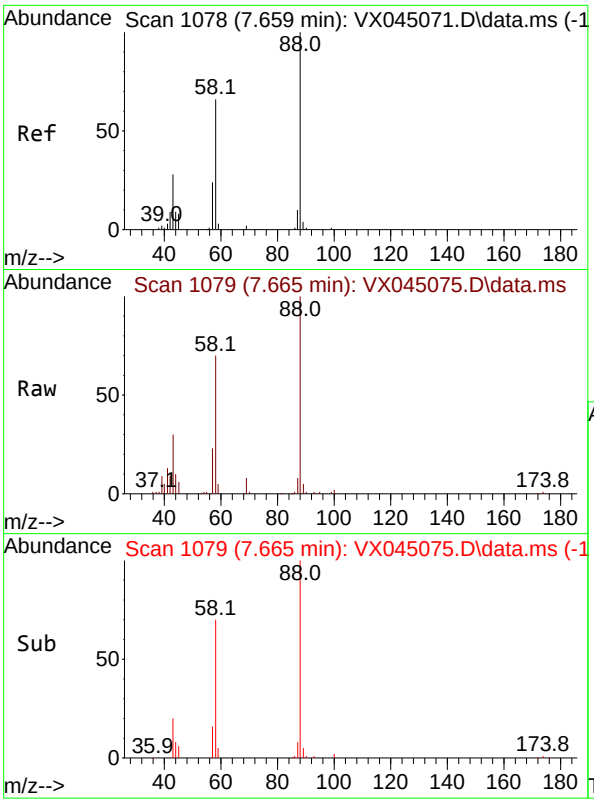


#48
Methyl methacrylate
Concen: 54.016 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 41 Resp: 87582

Ion	Ratio	Lower	Upper
41	100		
69	78.5	63.0	94.6
39	59.4	47.5	71.3



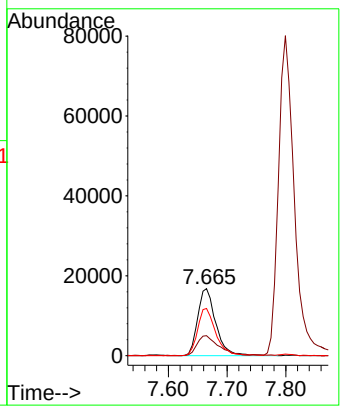


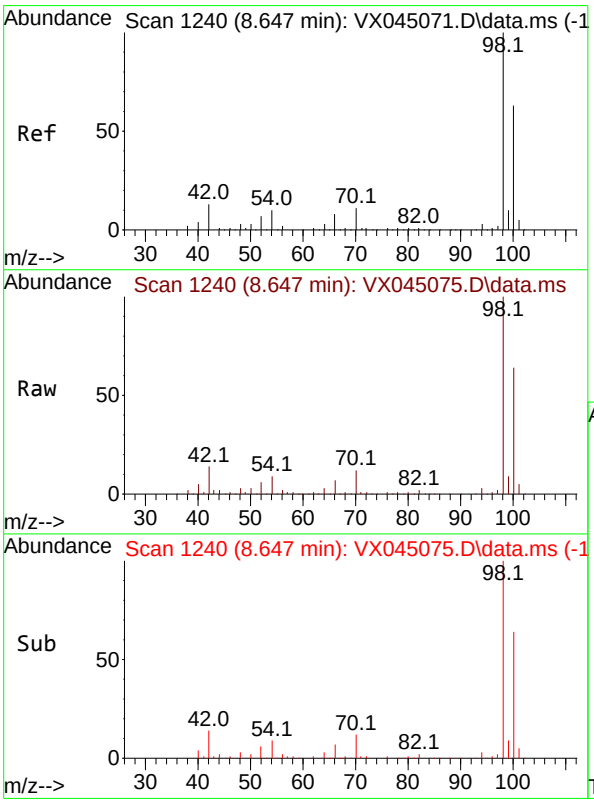
#49
1,4-Dioxane
Concen: 1049.007 ug/l
RT: 7.665 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Tgt Ion: 88 Resp: 35878

Ion	Ratio	Lower	Upper
88	100		
43	34.3	28.7	43.1
58	70.8	55.8	83.8

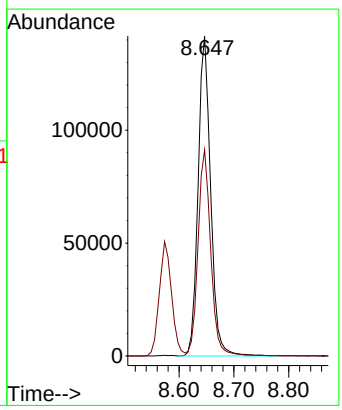


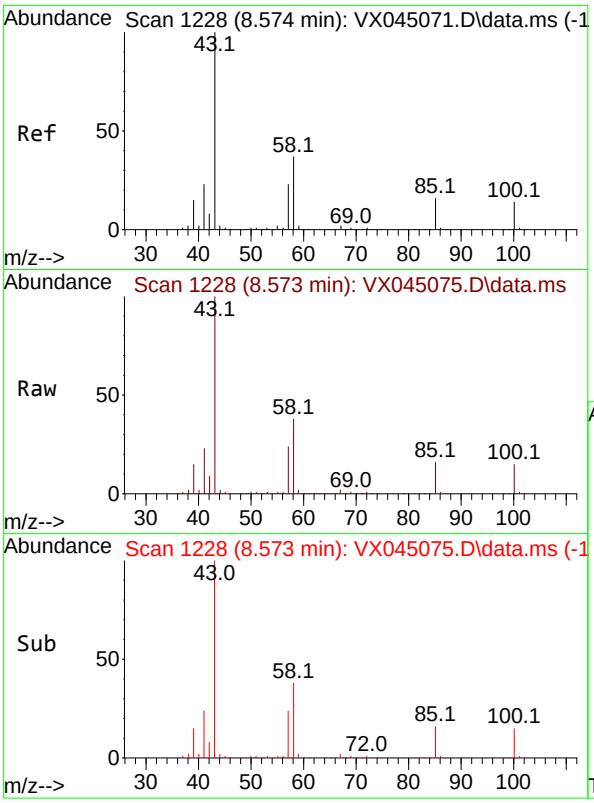


#50
Toluene-d8
Concen: 50.364 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 98 Resp: 225823

Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.0	78.0



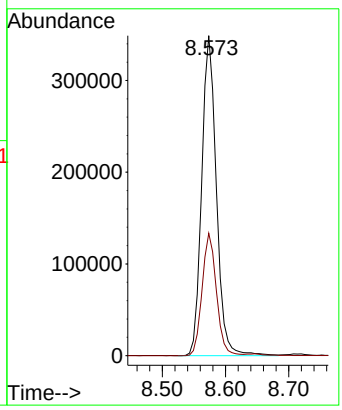


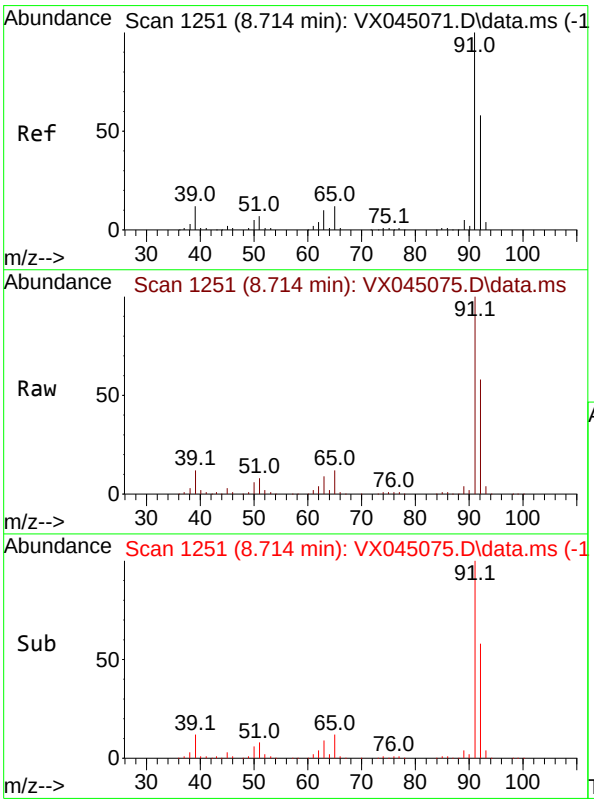
#51
4-Methyl-2-Pentanone
Concen: 259.995 ug/l
RT: 8.573 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Tgt Ion: 43 Resp: 564197

Ion	Ratio	Lower	Upper
43	100		
58	37.3	29.2	43.8

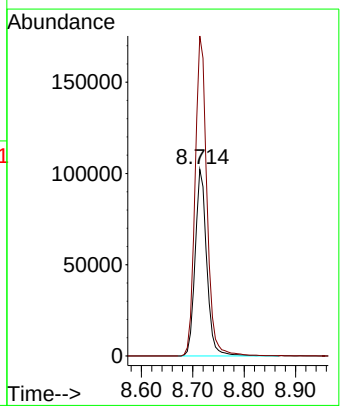


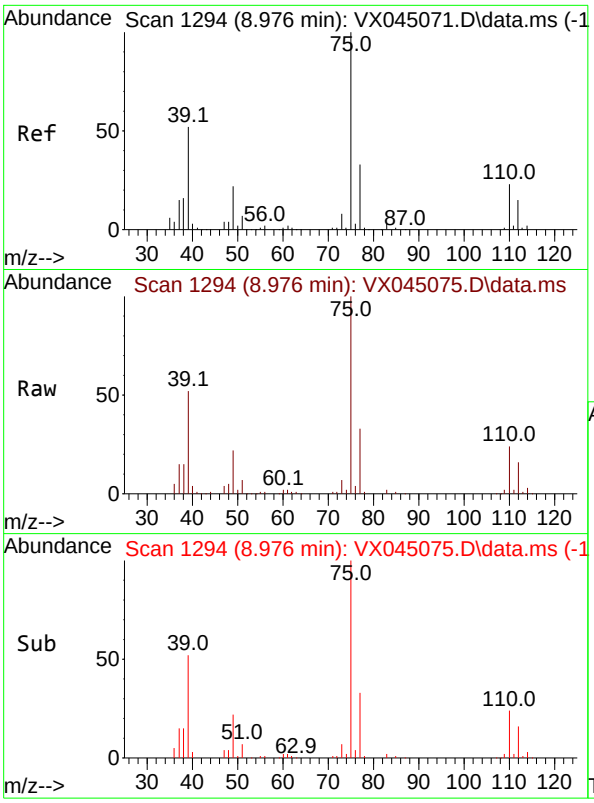


#52
Toluene
Concen: 51.020 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 92 Resp: 160331

Ion	Ratio	Lower	Upper
92	100		
91	175.1	138.9	208.3



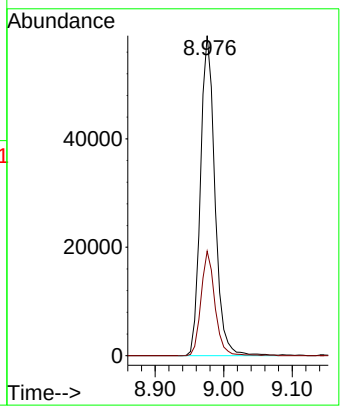


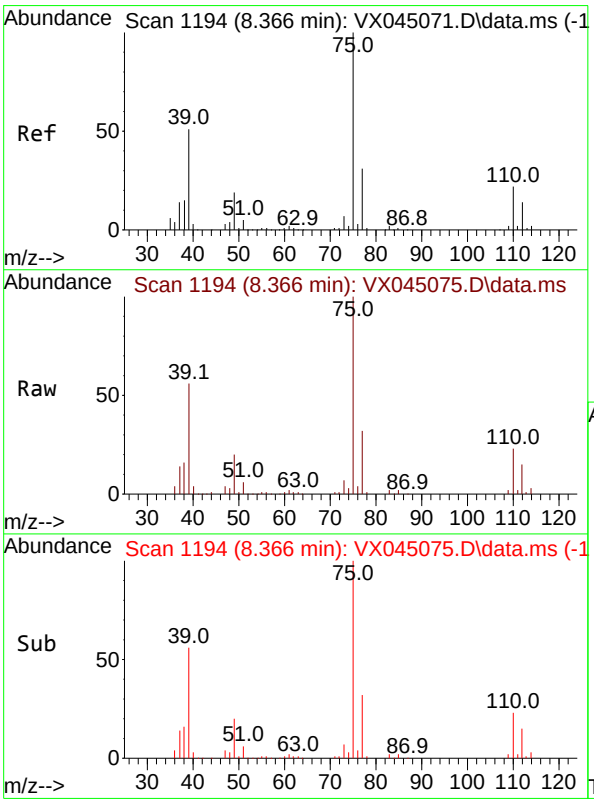
#53
t-1,3-Dichloropropene
Concen: 54.247 ug/l
RT: 8.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Tgt Ion: 75 Resp: 86584

Ion	Ratio	Lower	Upper
75	100		
77	32.7	26.5	39.7

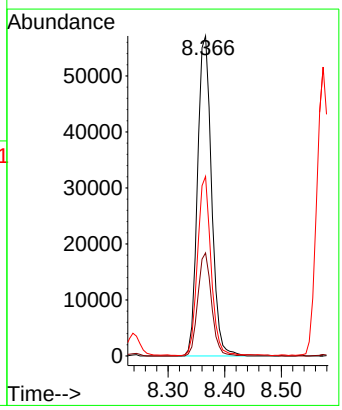


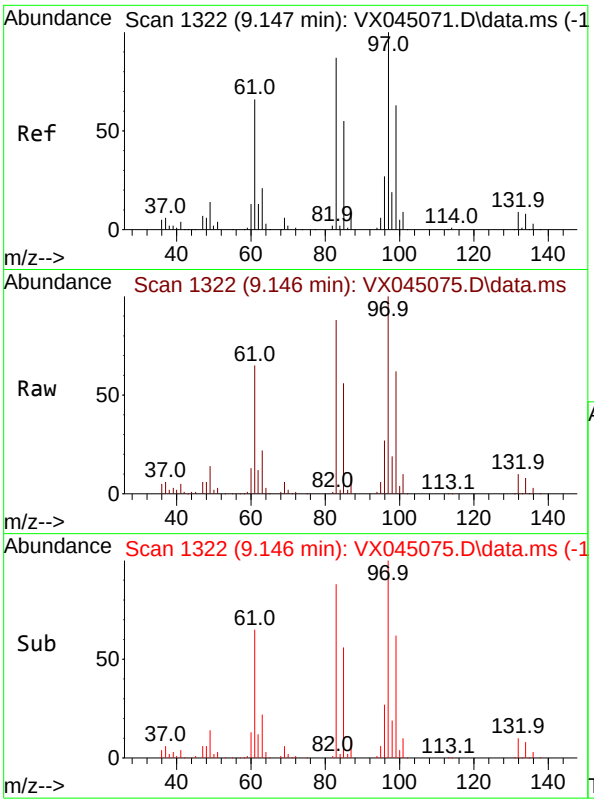


#54
cis-1,3-Dichloropropene
Concen: 52.732 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 75 Resp: 98146

Ion	Ratio	Lower	Upper
75	100		
77	32.2	24.7	37.1
39	56.0	40.7	61.1



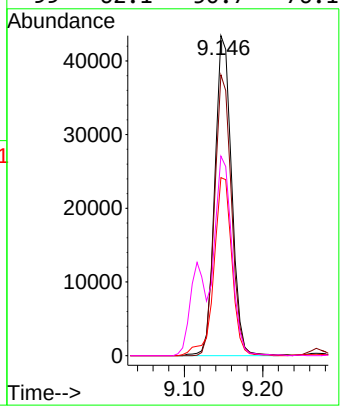


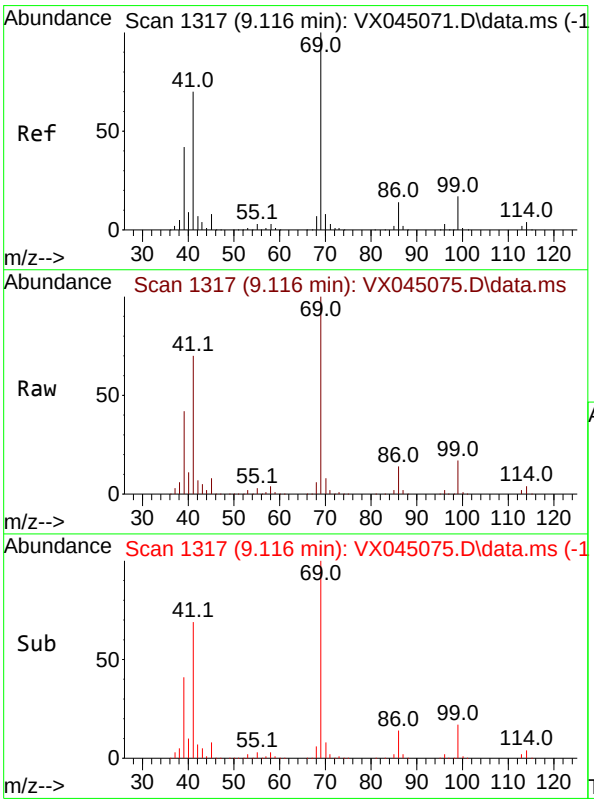
#55
1,1,2-Trichloroethane
Concen: 50.232 ug/l
RT: 9.146 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Tgt Ion: 97 Resp: 64985

Ion	Ratio	Lower	Upper
97	100		
83	87.8	69.4	104.2
85	55.6	44.1	66.1
99	62.1	50.7	76.1

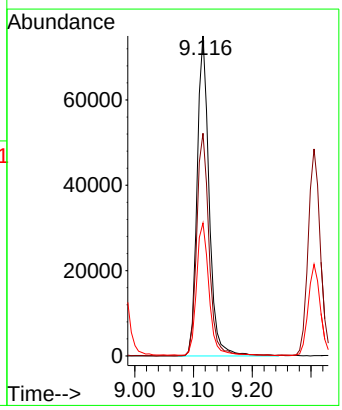


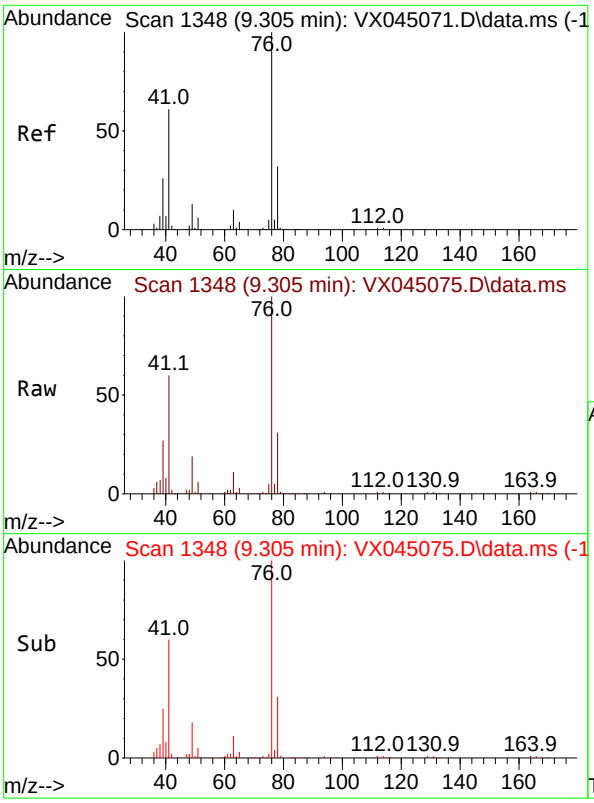


#56
Ethyl methacrylate
Concen: 54.109 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 69 Resp: 106405

Ion	Ratio	Lower	Upper
69	100		
41	71.5	57.0	85.4
39	43.2	34.2	51.4



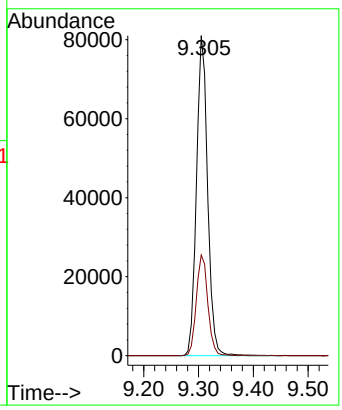


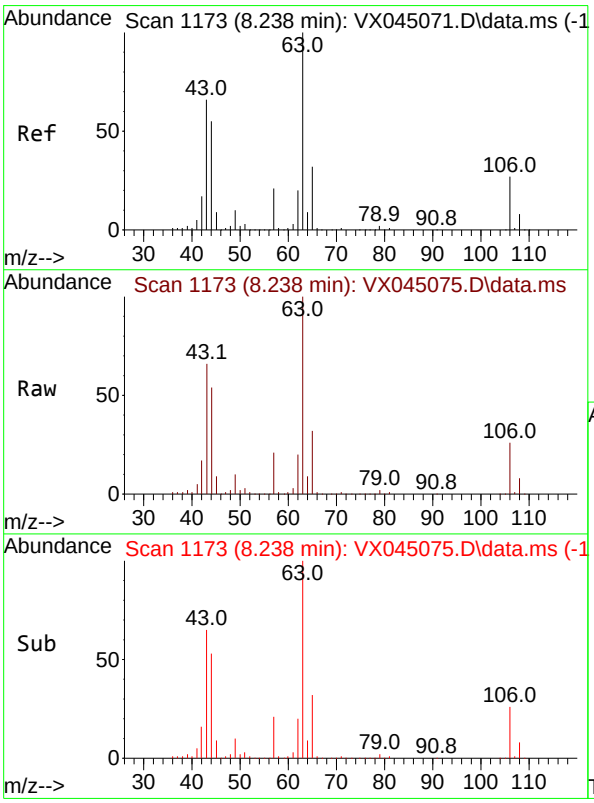
#57
1,3-Dichloropropane
Concen: 51.312 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Tgt Ion: 76 Resp: 114880

Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.5	38.3

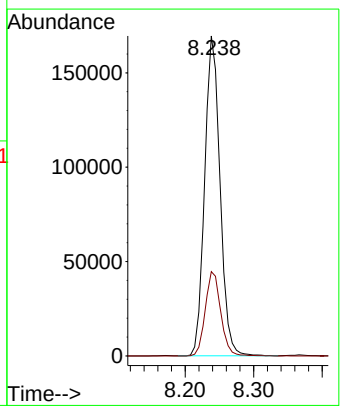


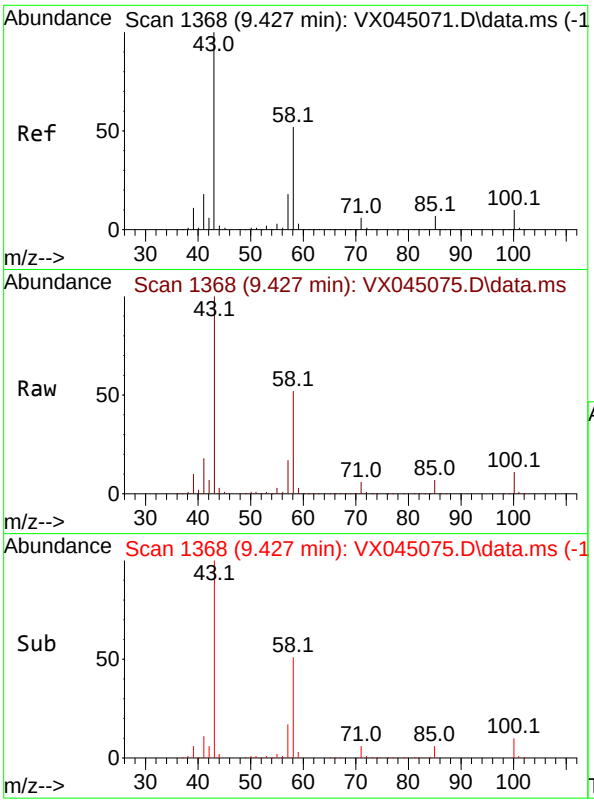


#58
2-Chloroethyl Vinyl ether
Concen: 275.557 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 63 Resp: 264335

Ion	Ratio	Lower	Upper
63	100		
106	26.5	21.5	32.3



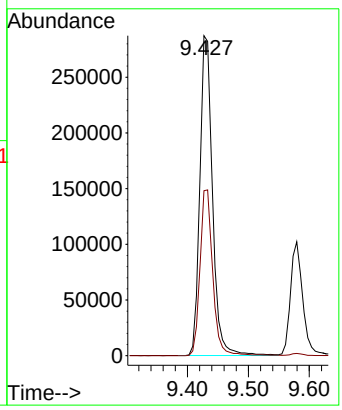


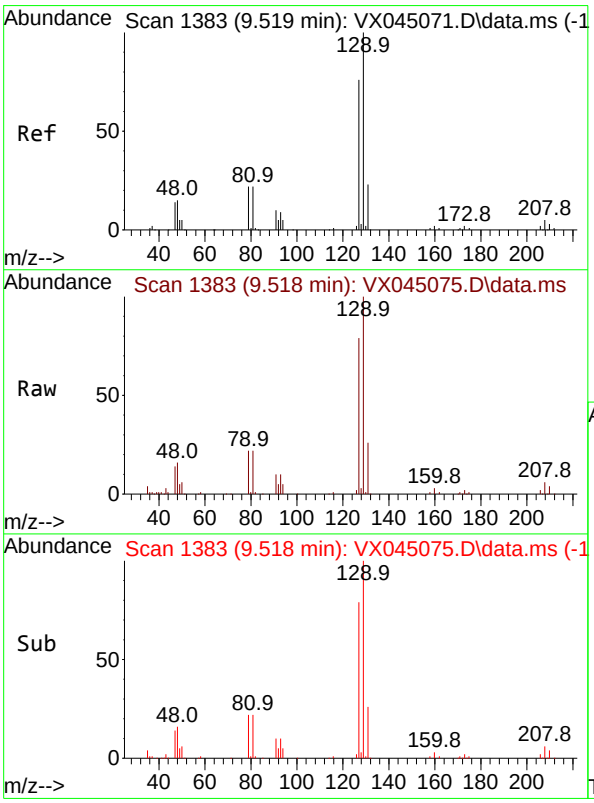
#59
2-Hexanone
Concen: 265.049 ug/l
RT: 9.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Tgt Ion: 43 Resp: 416731

Ion	Ratio	Lower	Upper
43	100		
58	52.2	25.9	77.6

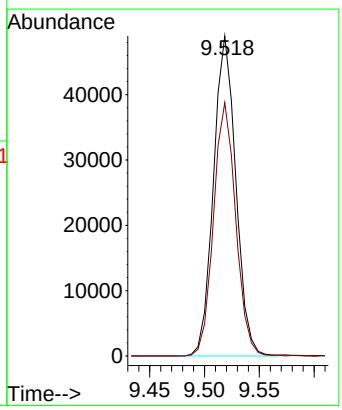


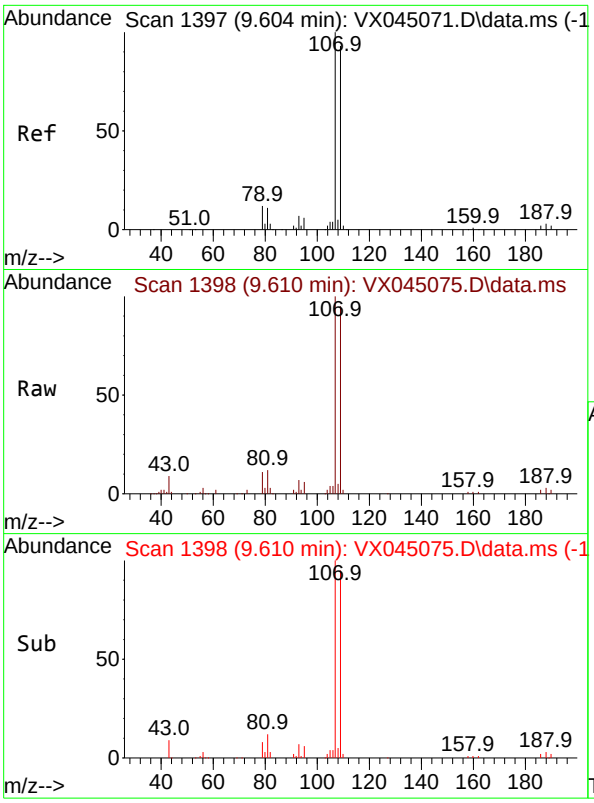


#60
Dibromochloromethane
Concen: 51.374 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion:129 Resp: 69492

Ion	Ratio	Lower	Upper
129	100		
127	78.6	38.5	115.5



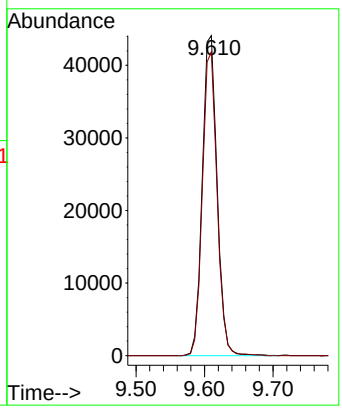


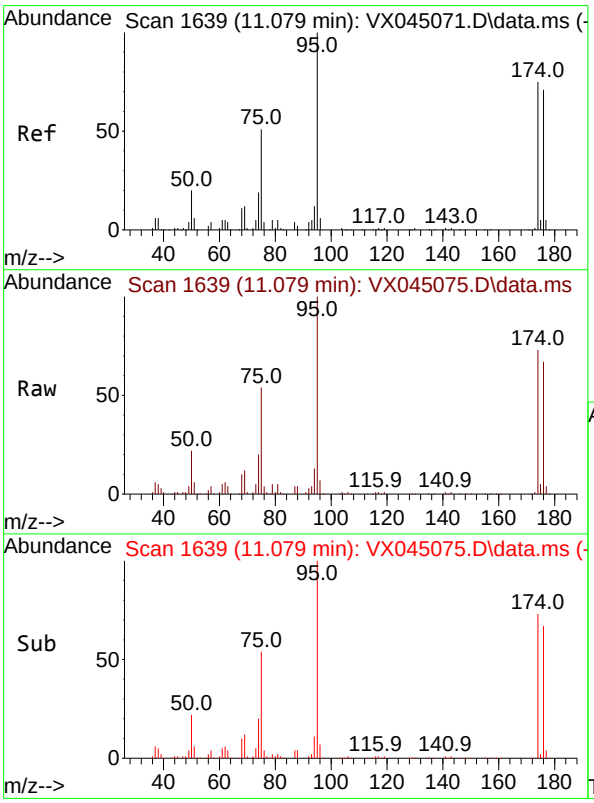
#61
1,2-Dibromoethane
Concen: 51.492 ug/l
RT: 9.610 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Tgt Ion:107 Resp: 66501

Ion	Ratio	Lower	Upper
107	100		
109	93.8	76.1	114.1

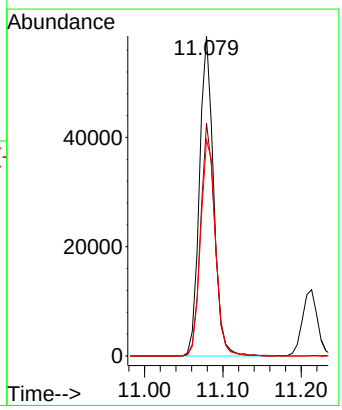


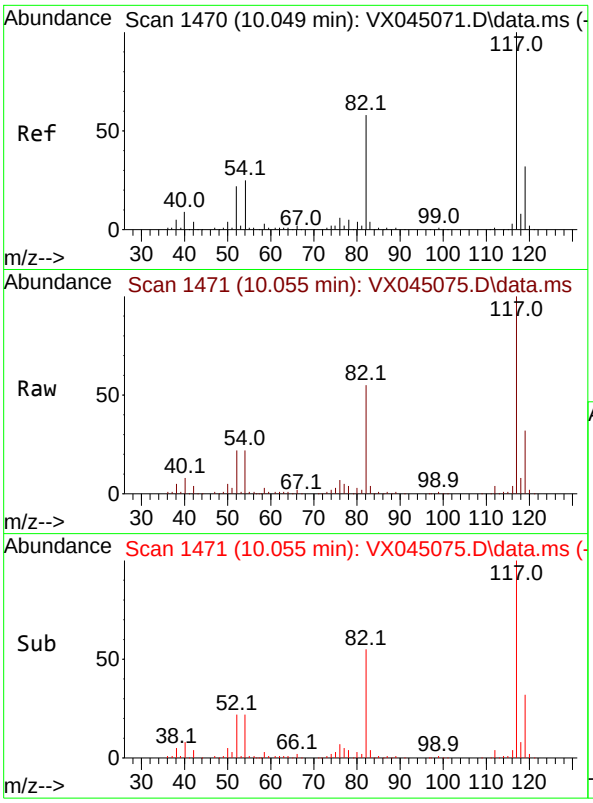


#62
4-Bromofluorobenzene
Concen: 49.240 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 95 Resp: 73162

Ion	Ratio	Lower	Upper
95	100		
174	74.0	0.0	148.2
176	71.3	0.0	141.4



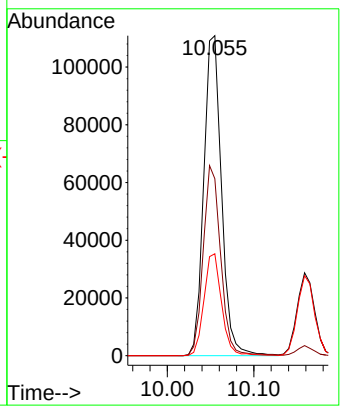


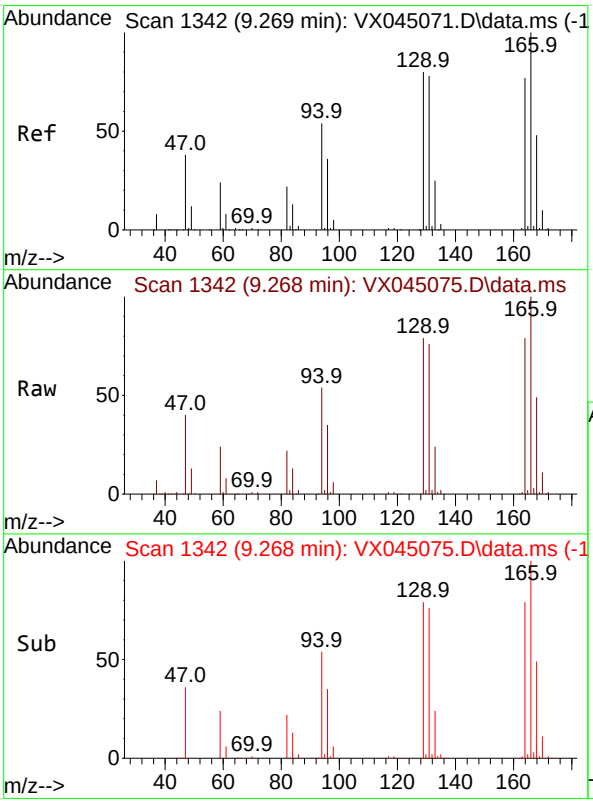
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Tgt Ion:117 Resp: 157797

Ion	Ratio	Lower	Upper
117	100		
82	55.3	46.3	69.5
119	31.9	25.7	38.5

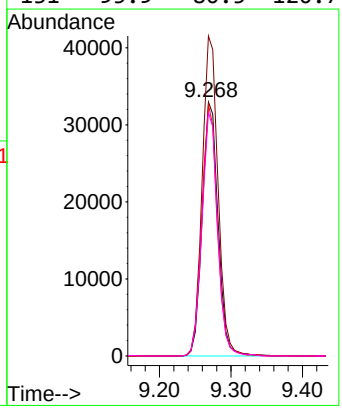


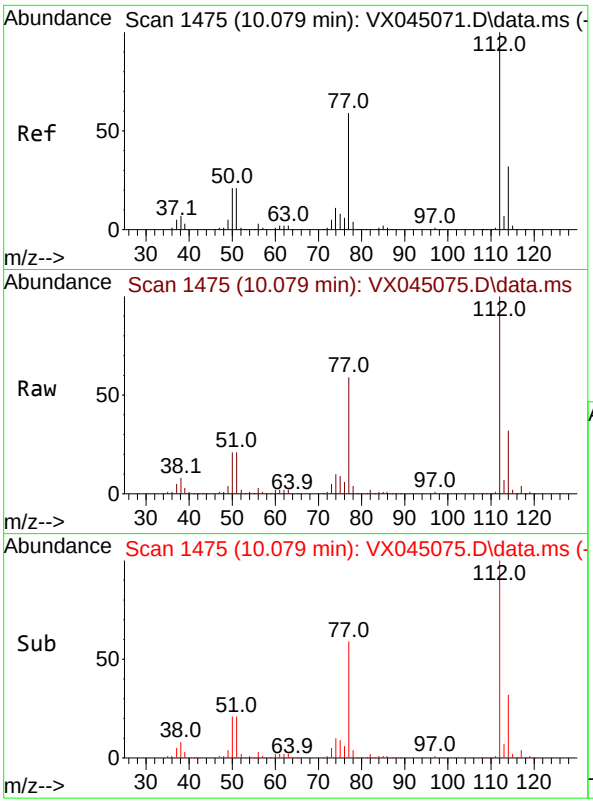


#64
Tetrachloroethene
Concen: 50.126 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion:164 Resp: 50659

Ion	Ratio	Lower	Upper
164	100		
166	126.0	103.6	155.4
129	99.0	82.7	124.1
131	95.9	80.5	120.7



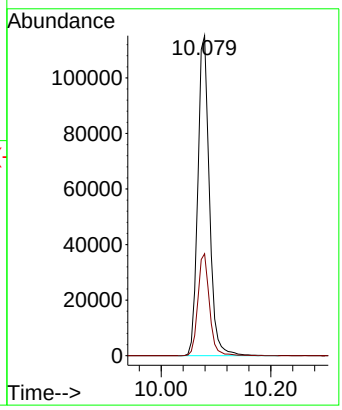


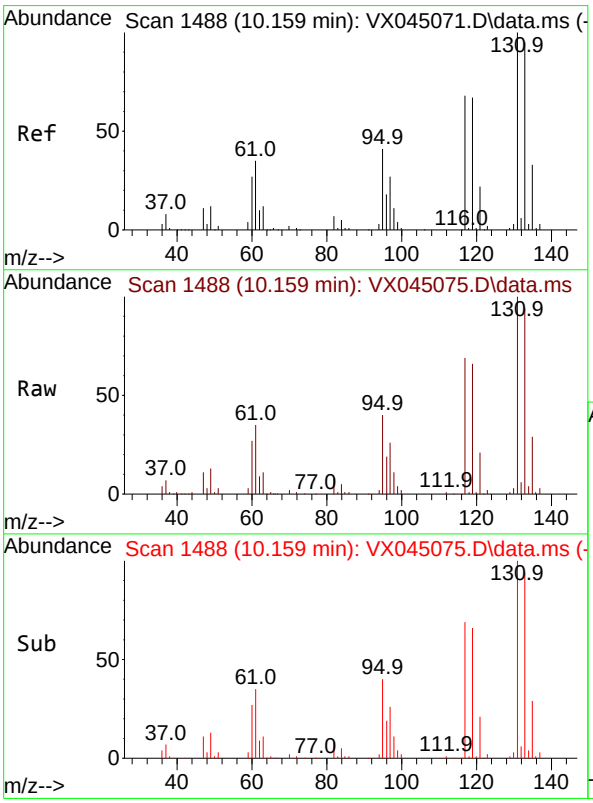
#65
Chlorobenzene
Concen: 50.580 ug/l
RT: 10.079 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Tgt Ion:112 Resp: 168885

Ion	Ratio	Lower	Upper
112	100		
114	31.9	26.0	39.0

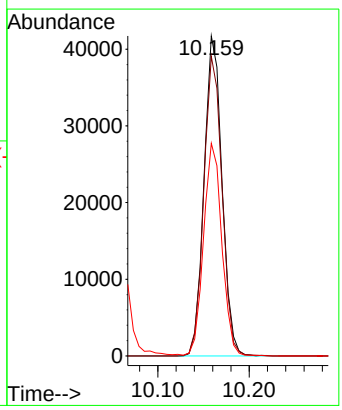


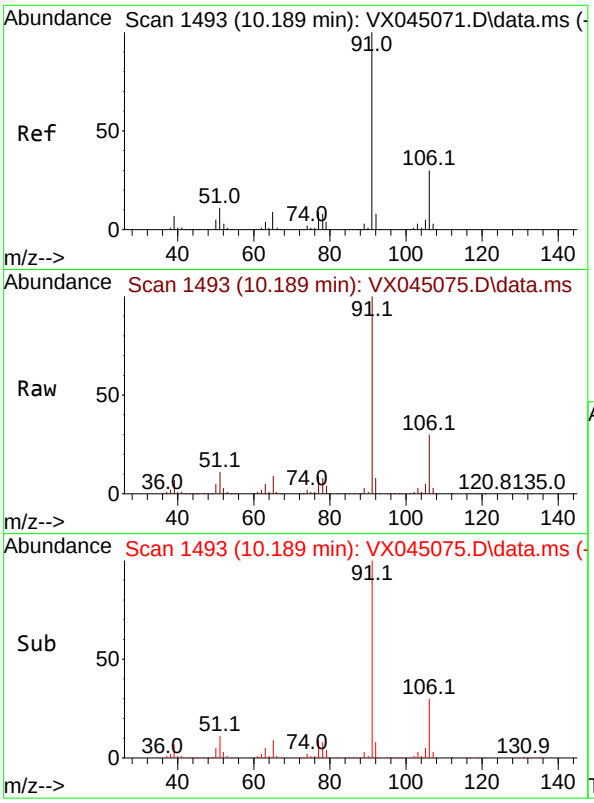


#66
1,1,1,2-Tetrachloroethane
Concen: 51.102 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion:131 Resp: 56822

Ion	Ratio	Lower	Upper
131	100		
133	94.9	48.6	145.9
119	67.6	33.9	101.7



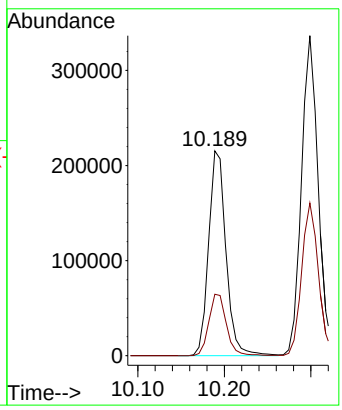


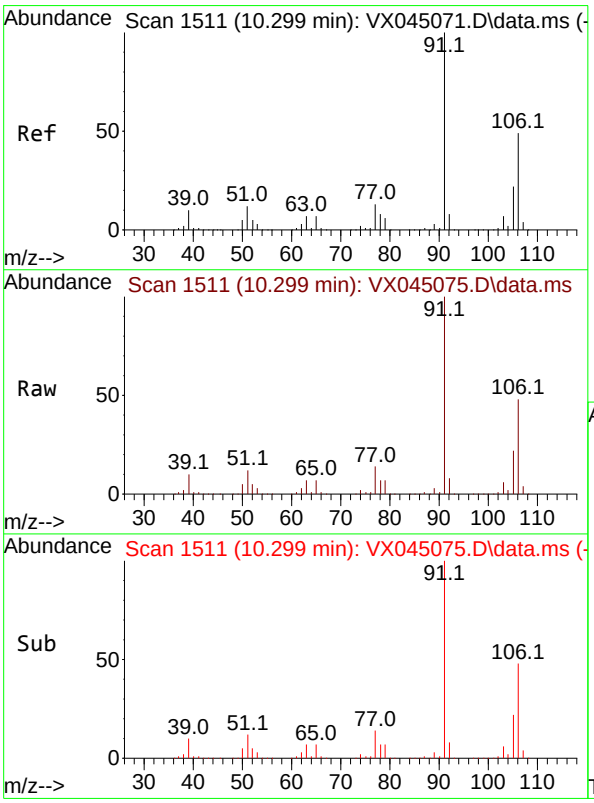
#67
Ethyl Benzene
Concen: 51.621 ug/l
RT: 10.189 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Tgt Ion: 91 Resp: 300324

Ion	Ratio	Lower	Upper
91	100		
106	30.0	23.9	35.9

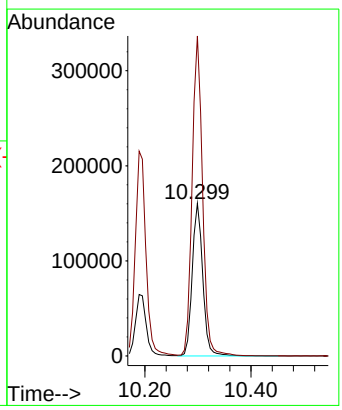


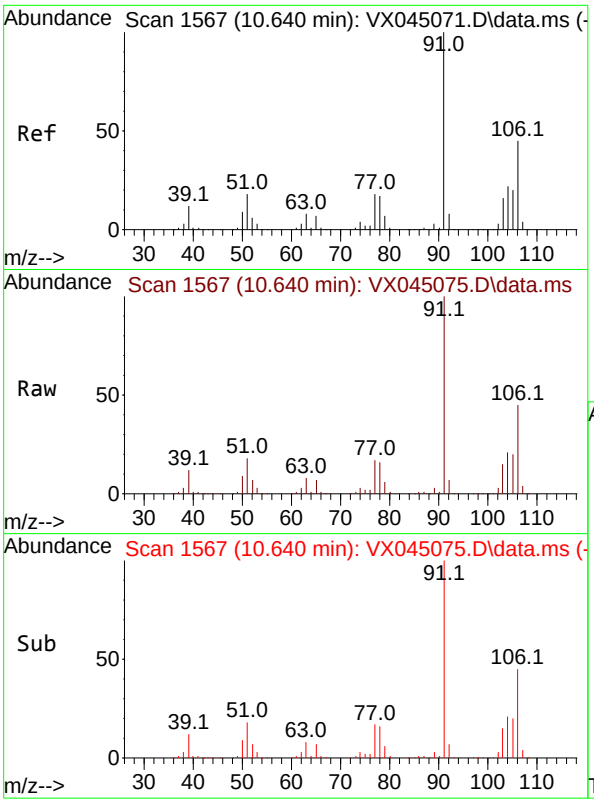


#68
m/p-Xylenes
Concen: 103.454 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion:106 Resp: 220335

Ion	Ratio	Lower	Upper
106	100		
91	207.8	165.4	248.0



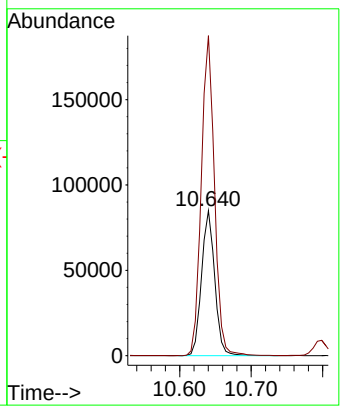


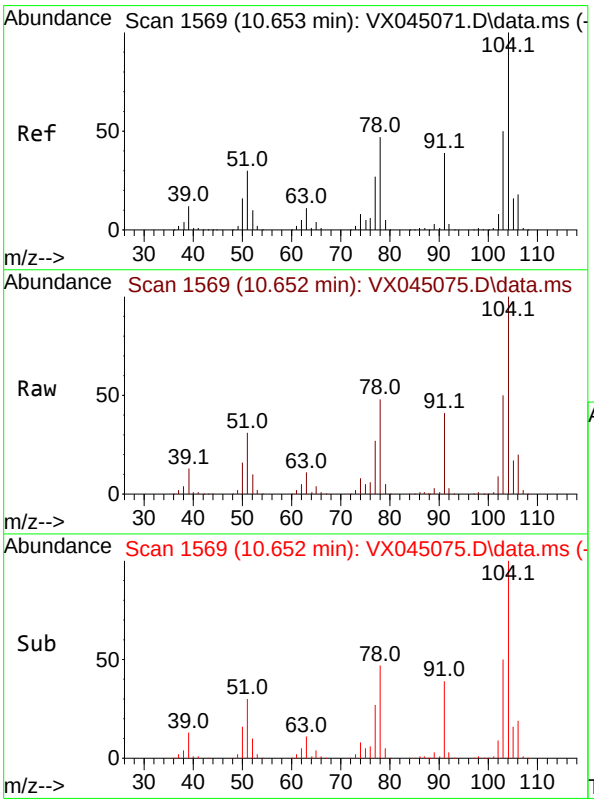
#69
o-Xylene
Concen: 50.668 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Tgt Ion:106 Resp: 108836

Ion	Ratio	Lower	Upper
106	100		
91	220.5	109.9	329.6

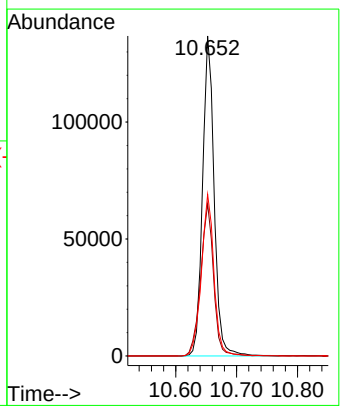


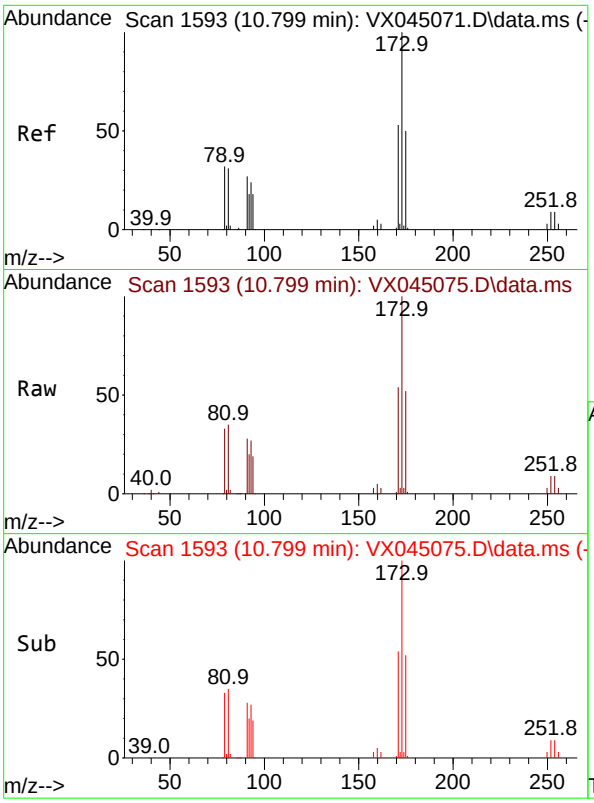


#70
Styrene
Concen: 52.177 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion:104 Resp: 181349

Ion	Ratio	Lower	Upper
104	100		
78	52.8	42.2	63.4
103	55.1	43.8	65.8



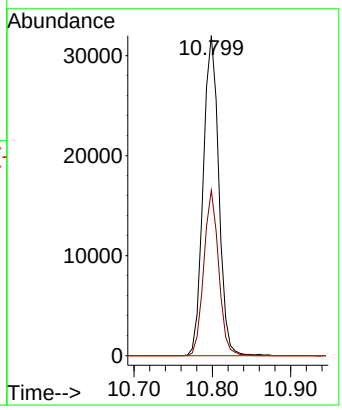


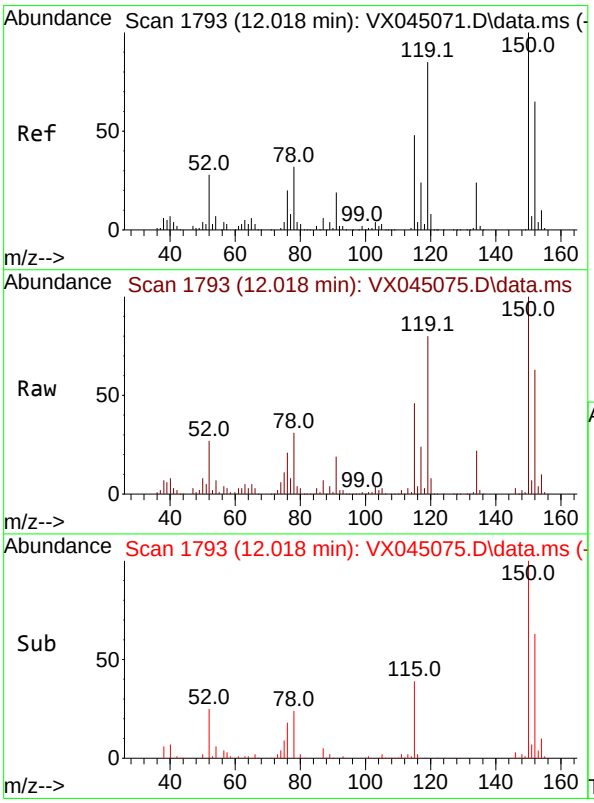
#71
Bromoform
Concen: 52.636 ug/l
RT: 10.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Tgt Ion:173 Resp: 44135

Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.6	73.6
254	0.0	0.0	0.0

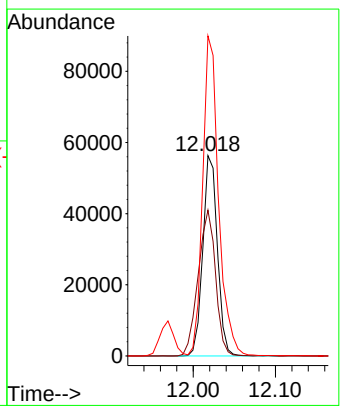


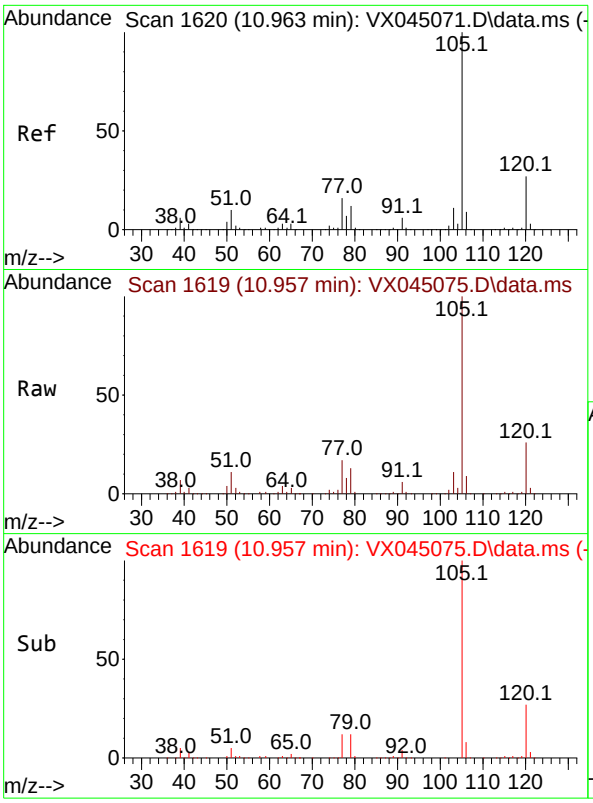


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion:152 Resp: 69357

Ion	Ratio	Lower	Upper
152	100		
115	86.9	44.2	132.6
150	174.3	0.0	349.0



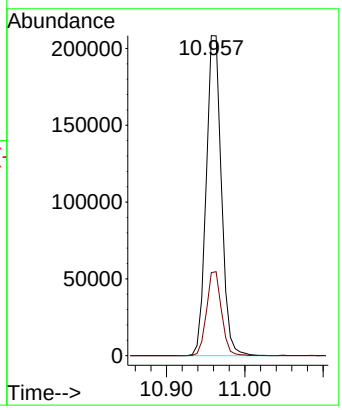


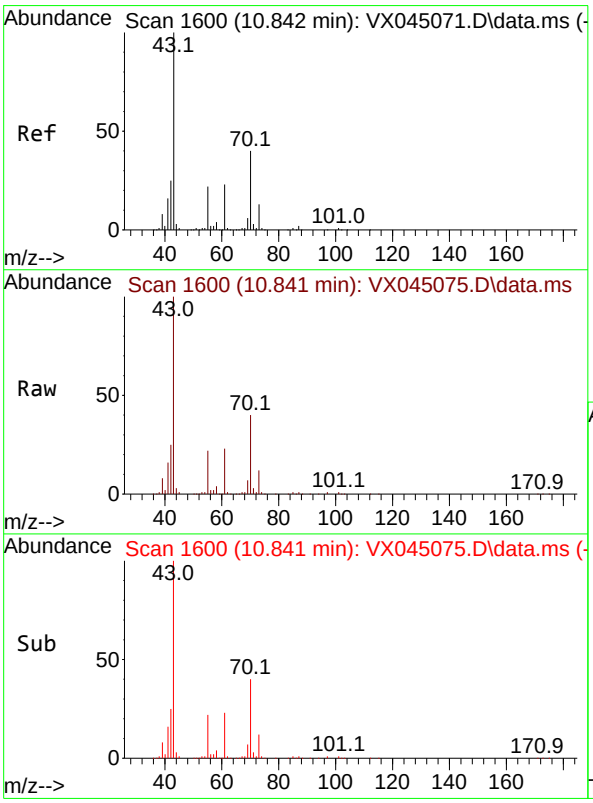
#73
Isopropylbenzene
Concen: 51.589 ug/l
RT: 10.957 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Tgt Ion:105 Resp: 279278

Ion	Ratio	Lower	Upper
105	100		
120	25.9	13.2	39.5

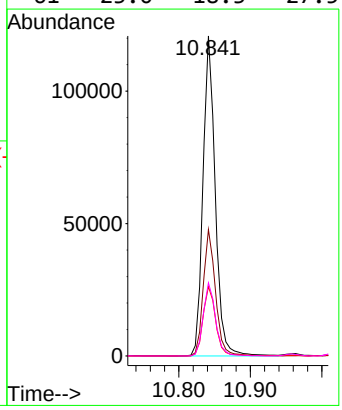


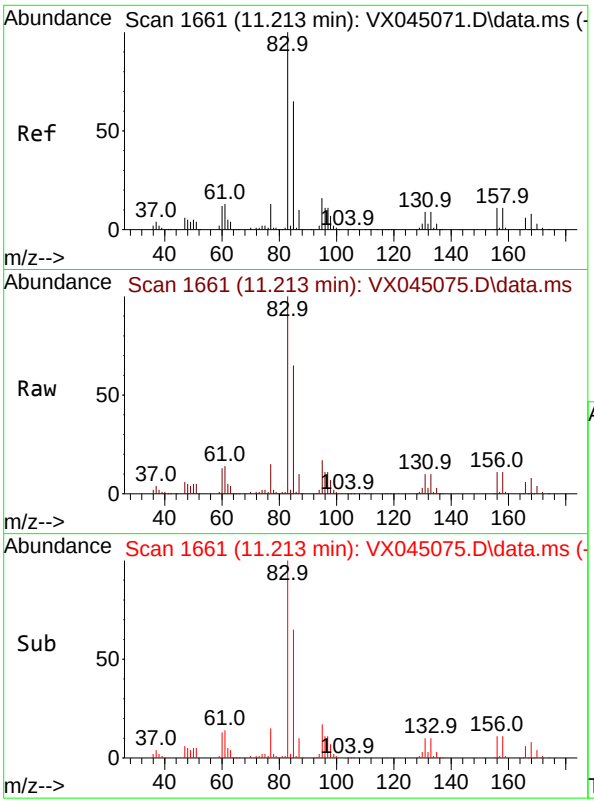


#74
N-amyl acetate
Concen: 56.851 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 43 Resp: 144412

Ion	Ratio	Lower	Upper
43	100		
70	39.5	31.8	47.6
55	22.3	18.3	27.5
61	23.0	18.3	27.5



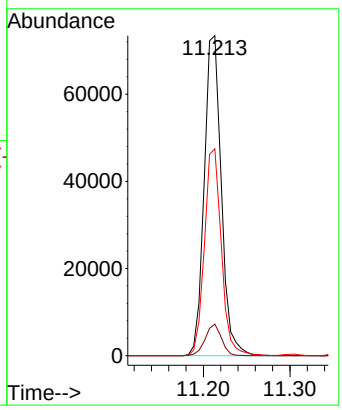


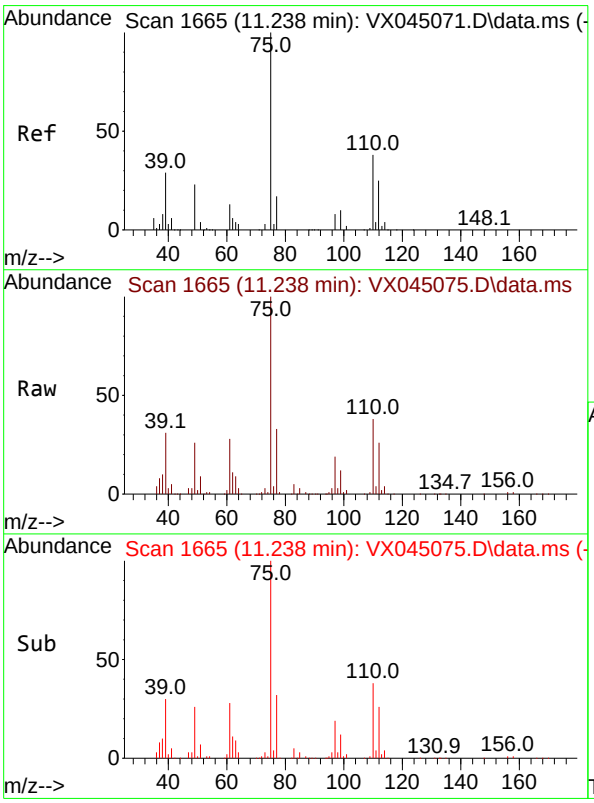
#75
1,1,2,2-Tetrachloroethane
Concen: 50.741 ug/l
RT: 11.213 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Tgt Ion: 83 Resp: 100800

Ion	Ratio	Lower	Upper
83	100		
131	9.4	4.5	13.4
85	64.0	31.7	95.1

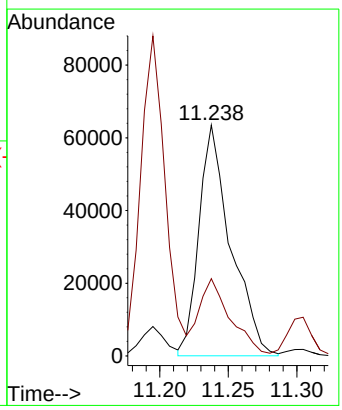


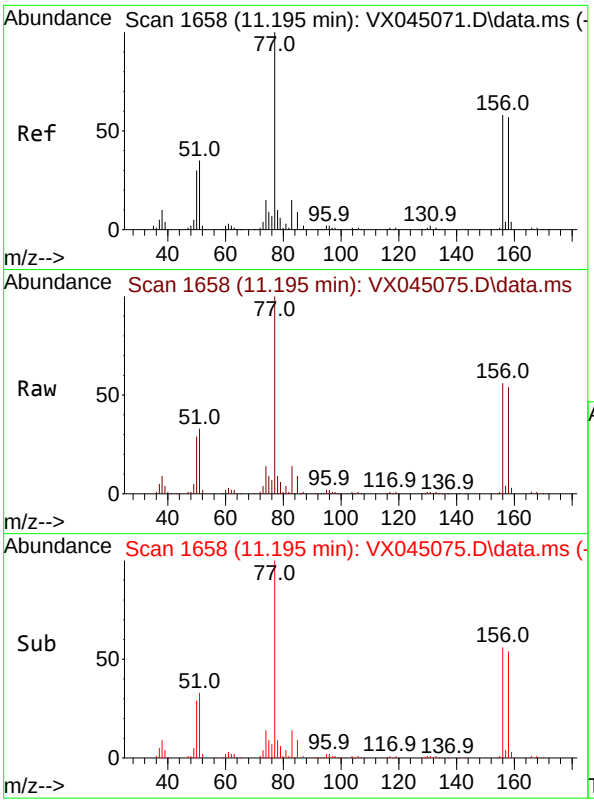


#76
1,2,3-Trichloropropane
Concen: 63.694 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 75 Resp: 102821

Ion	Ratio	Lower	Upper
75	100		
77	33.3	20.7	62.1



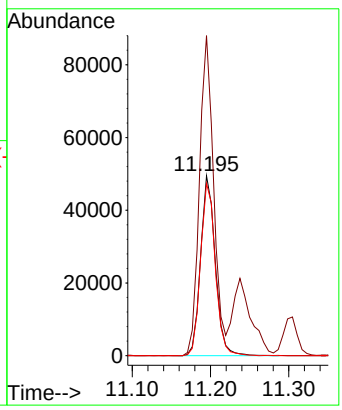


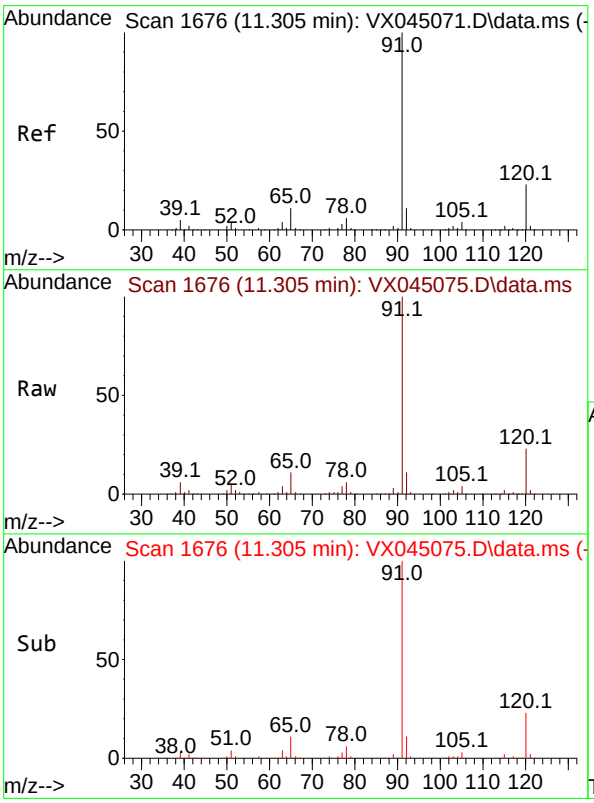
#77
Bromobenzene
Concen: 50.360 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Tgt Ion:156 Resp: 64324

Ion	Ratio	Lower	Upper
156	100		
77	172.1	85.8	257.4
158	96.5	48.4	145.2

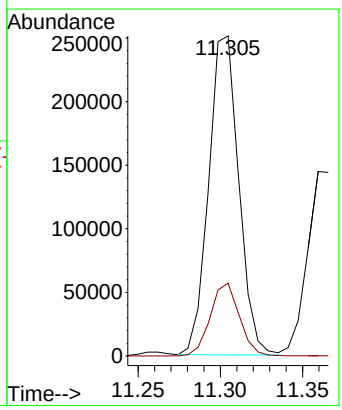


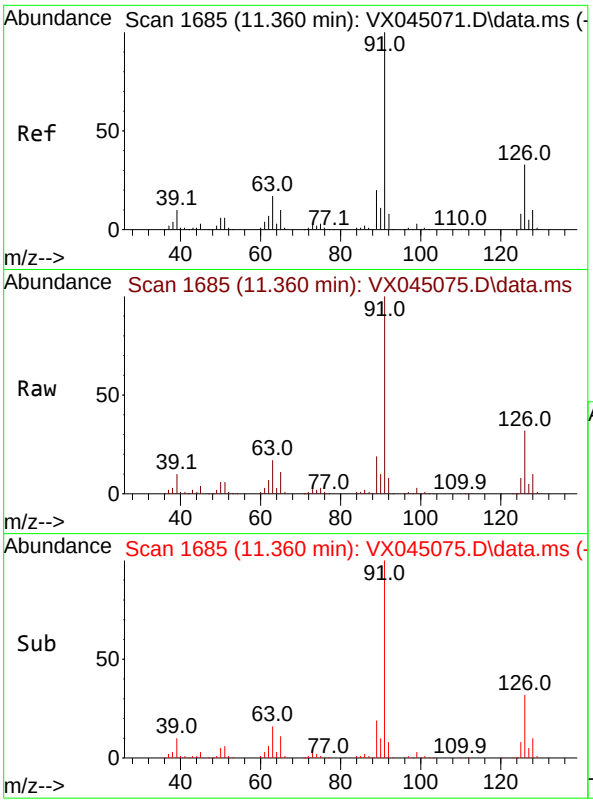


#78
n-propylbenzene
Concen: 52.203 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 91 Resp: 319235

Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.2	33.6



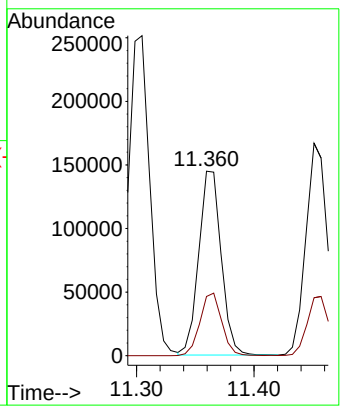


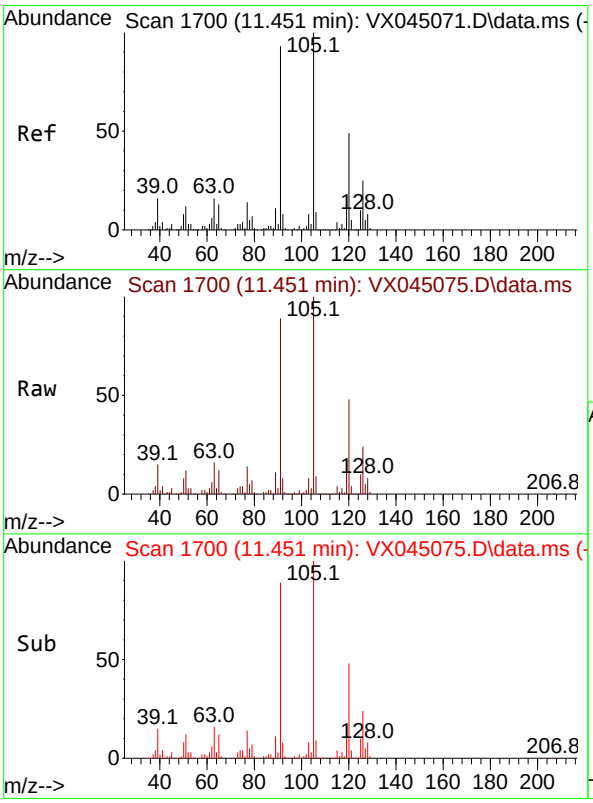
#79
2-Chlorotoluene
Concen: 49.338 ug/l
RT: 11.360 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Tgt Ion: 91 Resp: 192150

Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.4	49.4

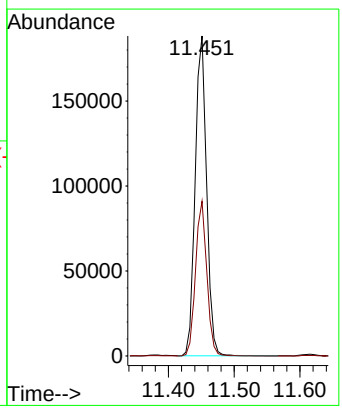


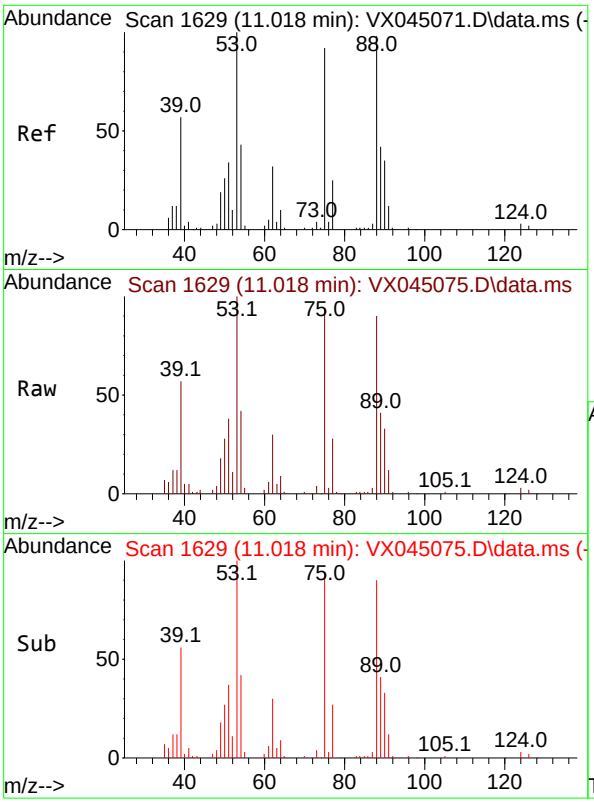


#80
1,3,5-Trimethylbenzene
Concen: 51.544 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion:105 Resp: 225622

Ion	Ratio	Lower	Upper
105	100		
120	48.0	24.1	72.2



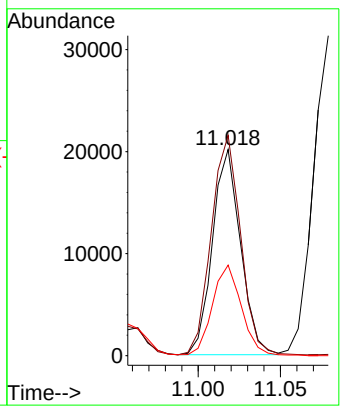


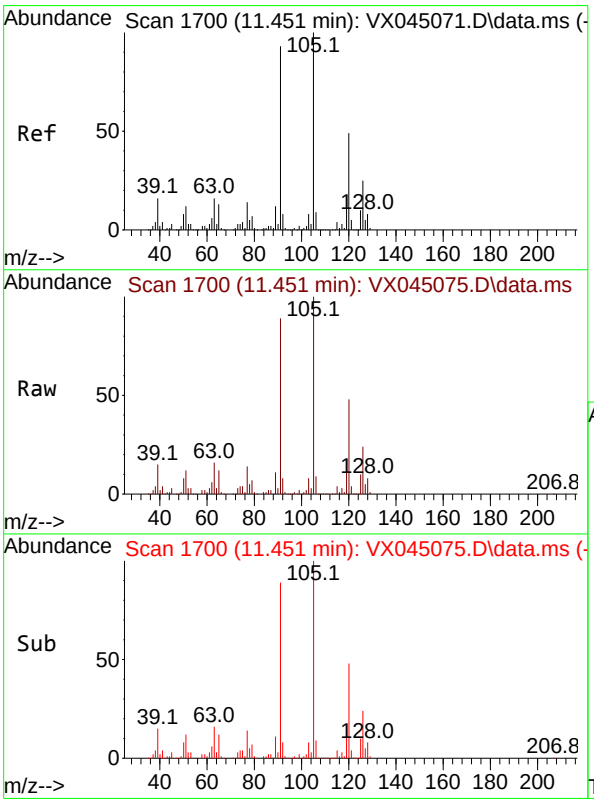
#81
trans-1,4-Dichloro-2-butene
Concen: 50.757 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Tgt Ion: 75 Resp: 23943

Ion	Ratio	Lower	Upper
75	100		
53	111.4	88.5	132.7
89	45.8	36.2	54.4

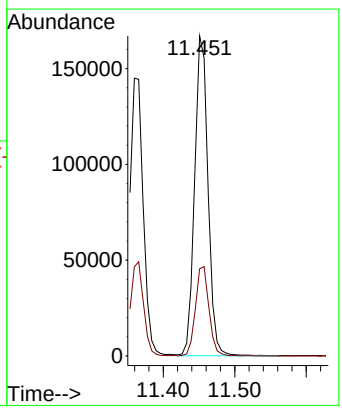


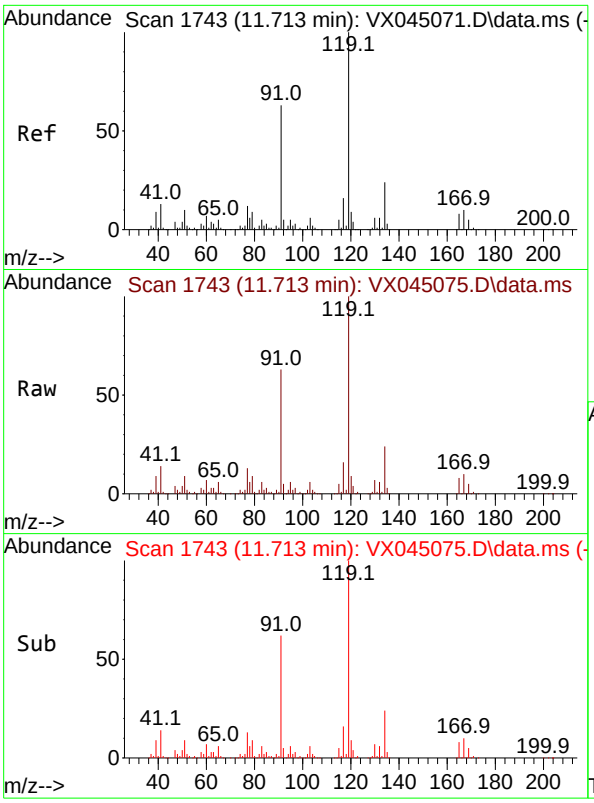


#82
4-Chlorotoluene
Concen: 51.009 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 91 Resp: 216511

Ion	Ratio	Lower	Upper
91	100		
126	28.3	14.1	42.4



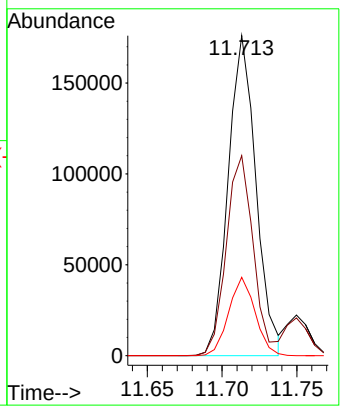


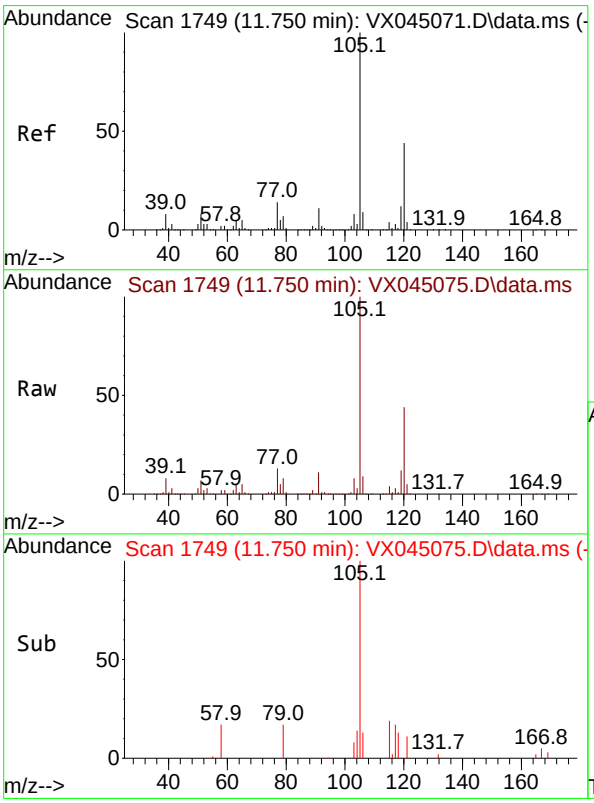
#83
tert-Butylbenzene
Concen: 50.552 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Tgt Ion:119 Resp: 227357

Ion	Ratio	Lower	Upper
119	100		
91	61.1	30.7	92.1
134	23.4	11.7	35.0

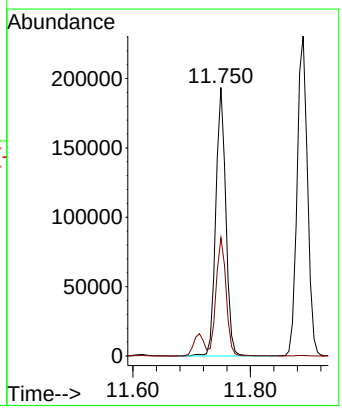


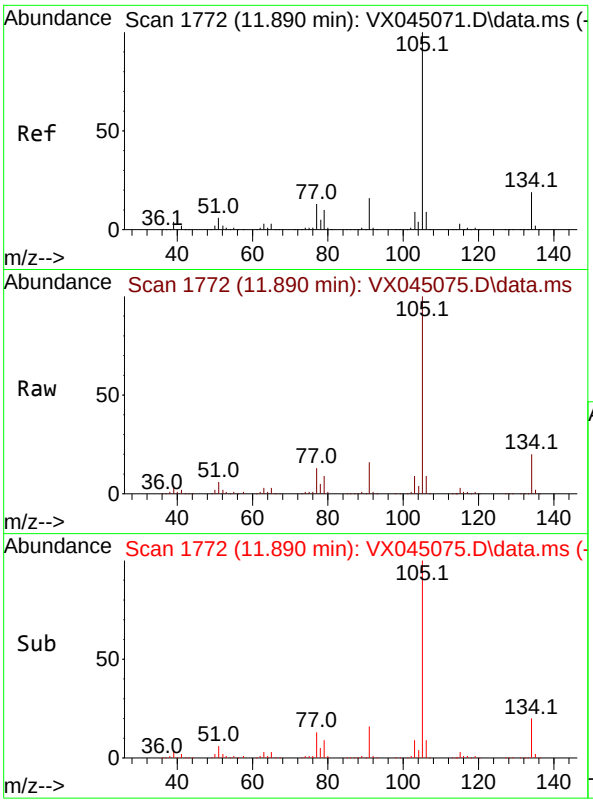


#84
1,2,4-Trimethylbenzene
Concen: 51.932 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion:105 Resp: 228729

Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.1	66.1



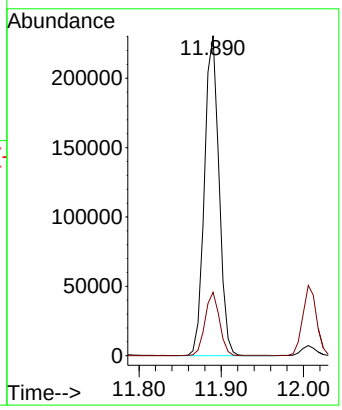


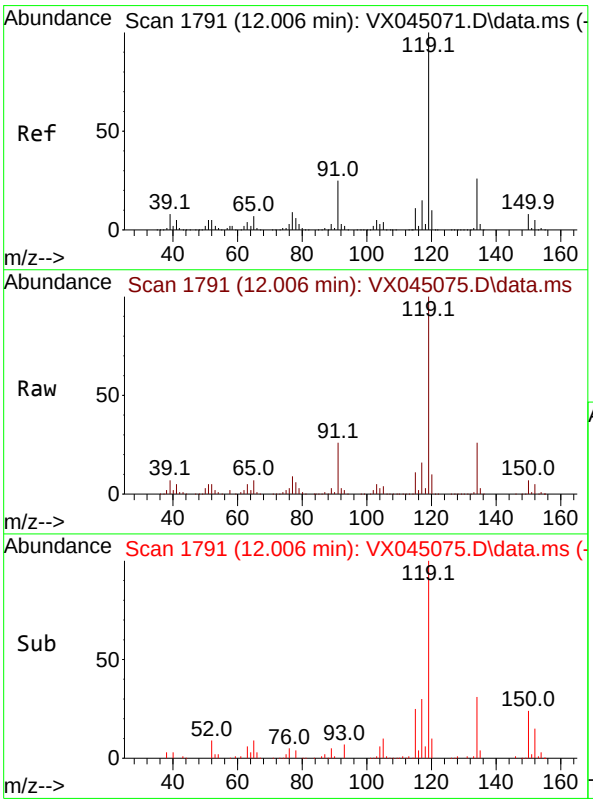
#85
sec-Butylbenzene
Concen: 52.703 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Tgt Ion:105 Resp: 283931

Ion	Ratio	Lower	Upper
105	100		
134	19.6	9.8	29.4

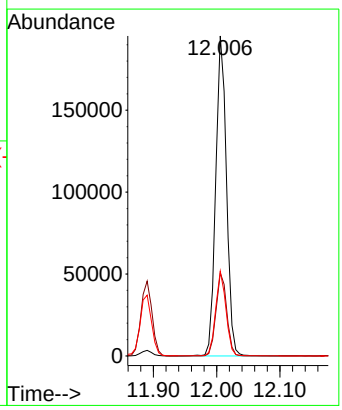


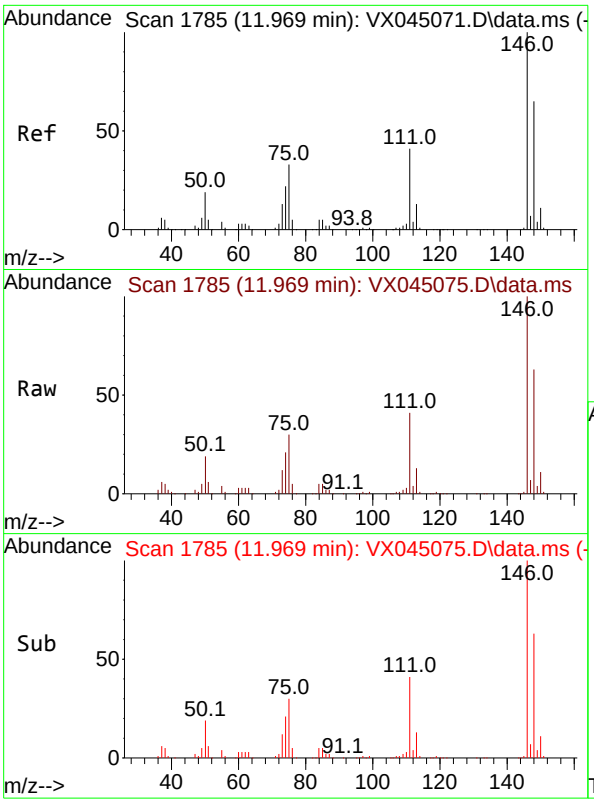


#86
p-Isopropyltoluene
Concen: 52.803 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion:119 Resp: 229894

Ion	Ratio	Lower	Upper
119	100		
134	25.9	12.9	38.6
91	25.3	12.7	38.0



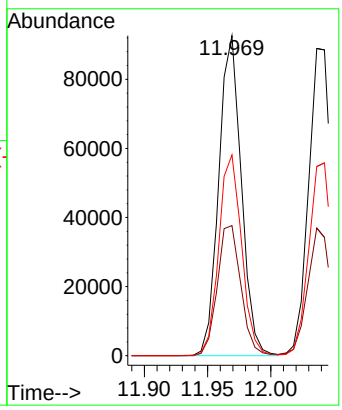


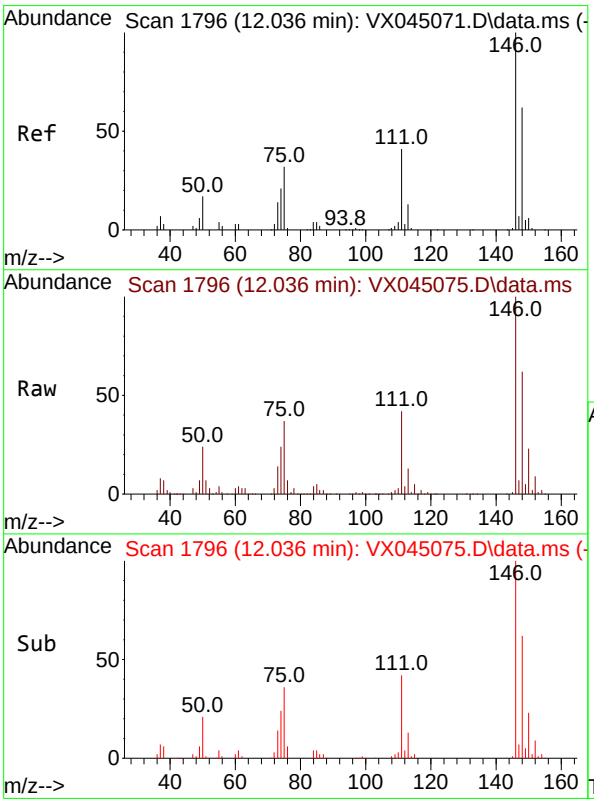
#87
1,3-Dichlorobenzene
Concen: 50.372 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Tgt Ion:146 Resp: 114778

Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.1	63.4
148	63.6	31.9	95.7

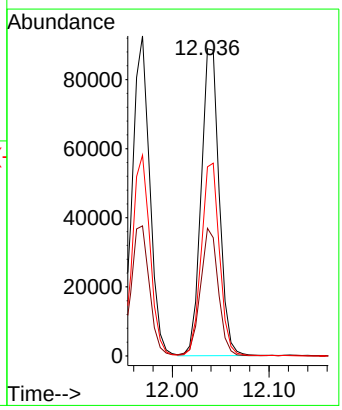


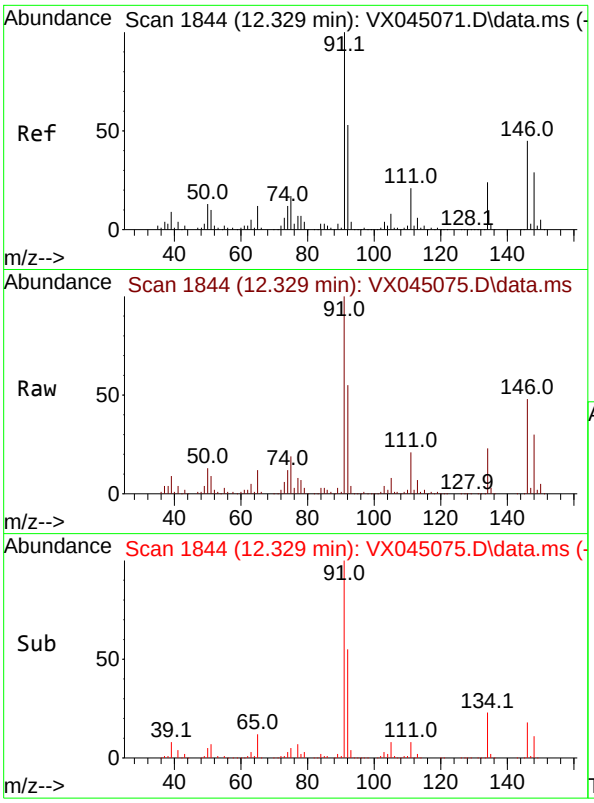


#88
1,4-Dichlorobenzene
Concen: 50.097 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion:146 Resp: 115486

Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.2	60.5
148	63.0	31.9	95.9



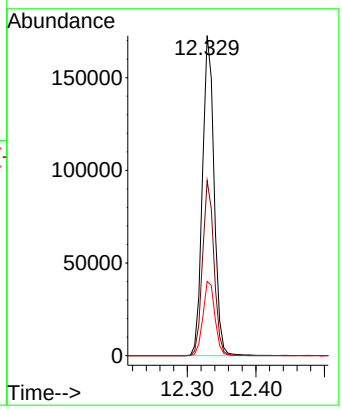


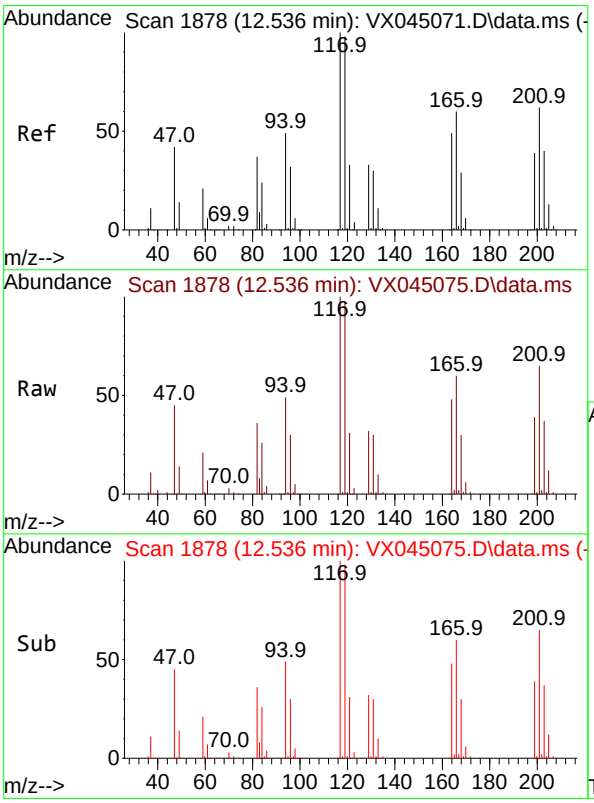
#89
n-Butylbenzene
Concen: 54.662 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Tgt Ion: 91 Resp: 204972

Ion	Ratio	Lower	Upper
91	100		
92	53.8	26.7	80.0
134	23.9	12.2	36.6

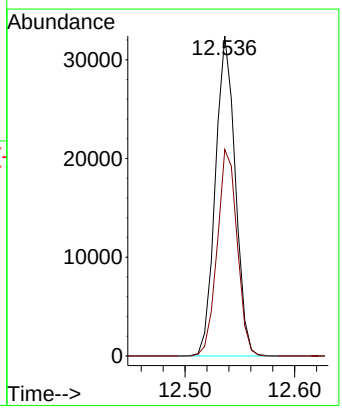


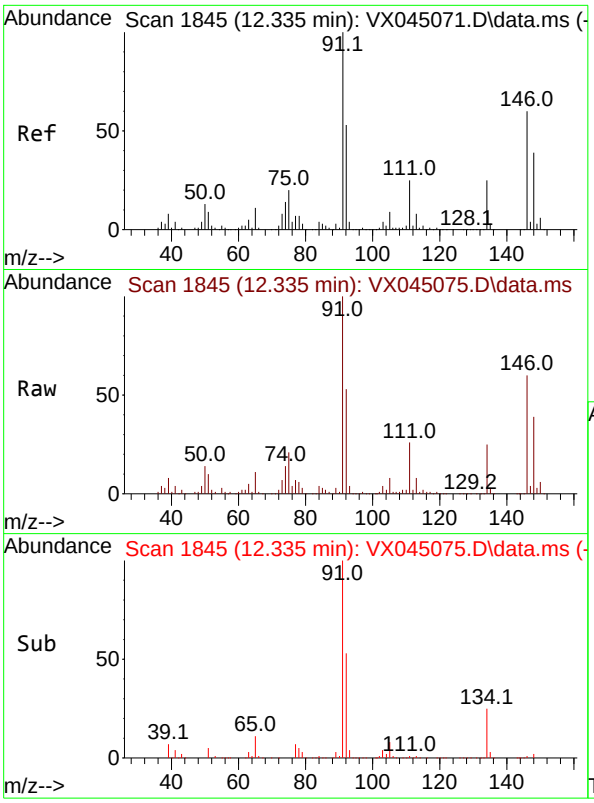


#90
Hexachloroethane
Concen: 51.866 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion:117 Resp: 40844

Ion	Ratio	Lower	Upper
117	100		
201	64.7	31.9	95.9



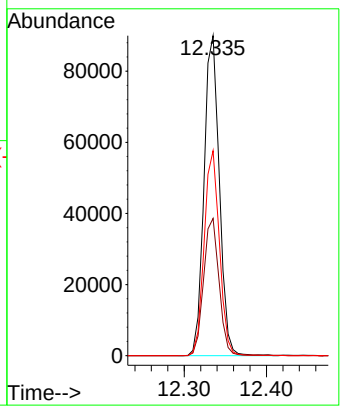


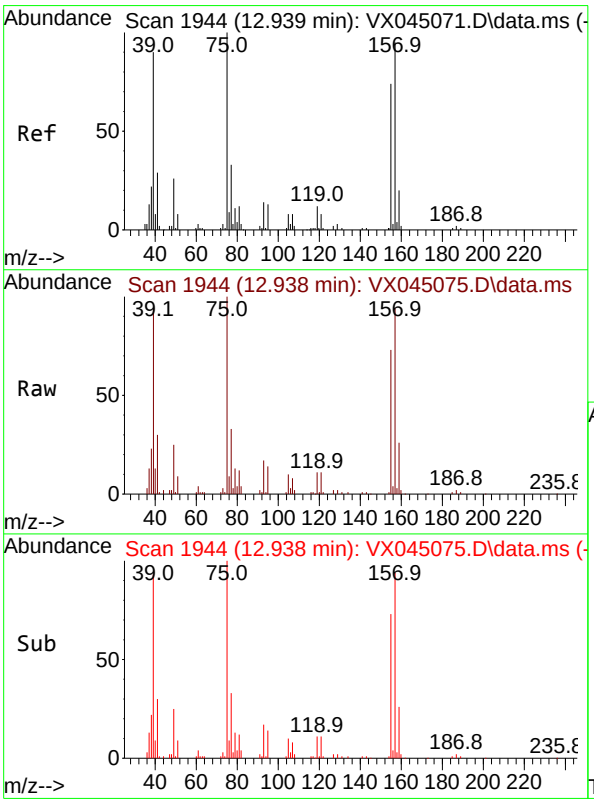
#91
1,2-Dichlorobenzene
Concen: 50.899 ug/l
RT: 12.335 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Tgt Ion:146 Resp: 116343

Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.6	65.0
148	63.9	31.9	95.9

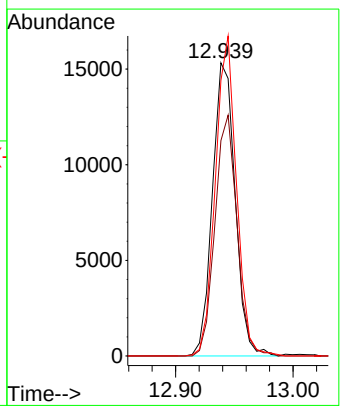


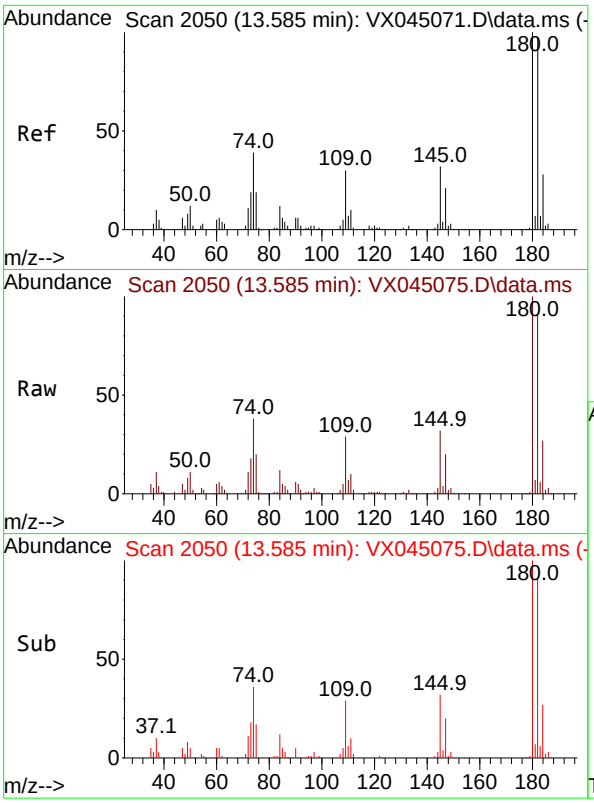


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.199 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 75 Resp: 20589

Ion	Ratio	Lower	Upper
75	100		
155	79.8	39.6	118.7
157	101.7	51.1	153.4



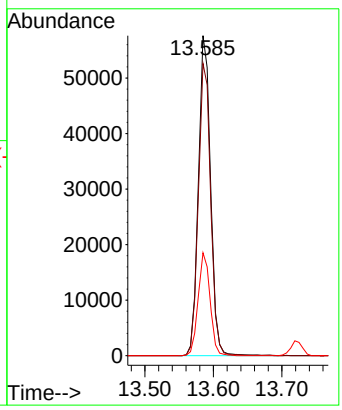


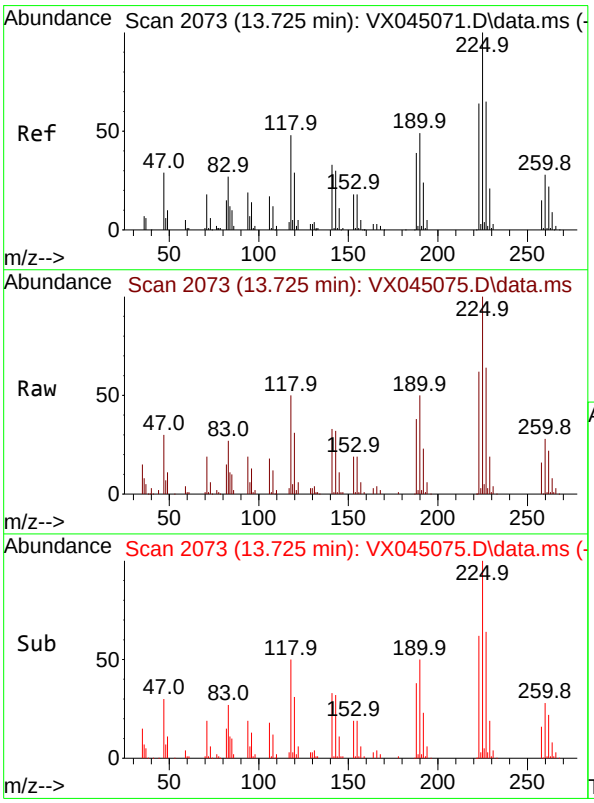
#93
1,2,4-Trichlorobenzene
Concen: 54.834 ug/l
RT: 13.585 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Tgt Ion:180 Resp: 71368

Ion	Ratio	Lower	Upper
180	100		
182	92.4	47.3	141.9
145	31.6	16.3	48.9

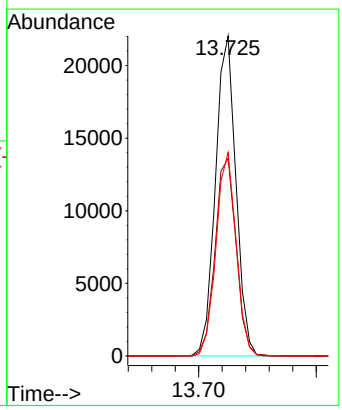


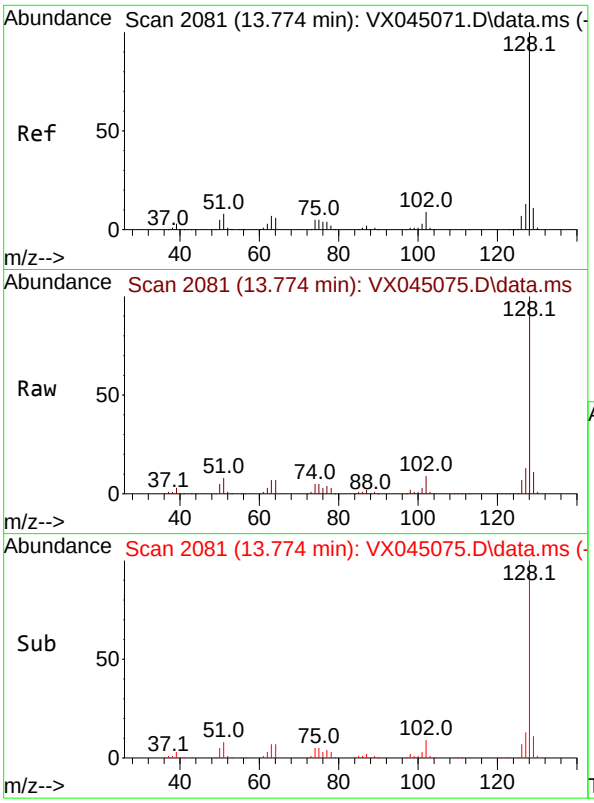


#94
Hexachlorobutadiene
Concen: 50.032 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion:225 Resp: 26697

Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.9	95.7
227	62.4	31.4	94.0



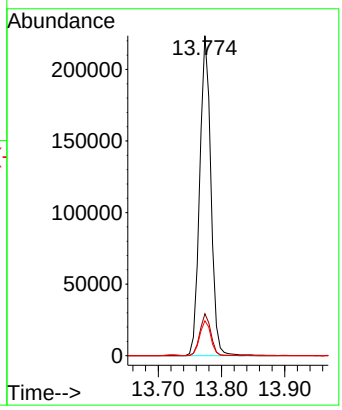


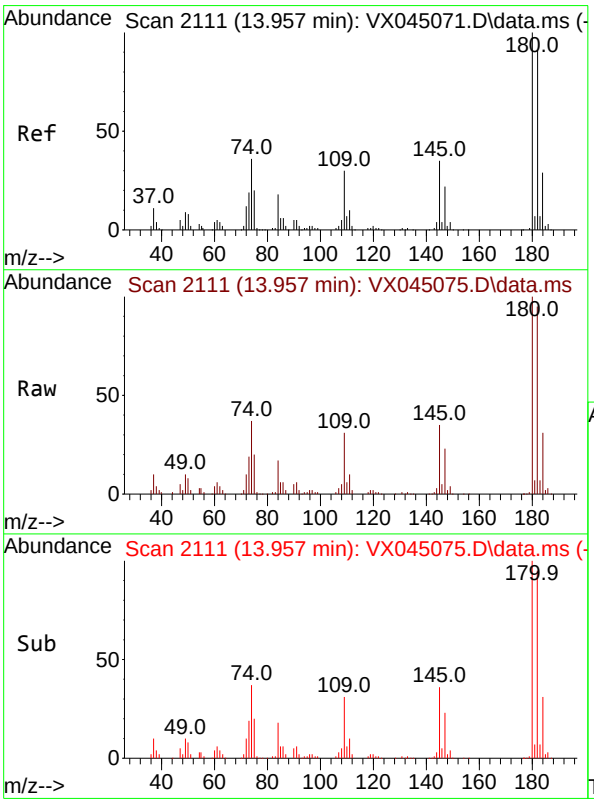
#95
Naphthalene
Concen: 55.163 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Tgt Ion:128 Resp: 275844

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.9	8.7	13.1

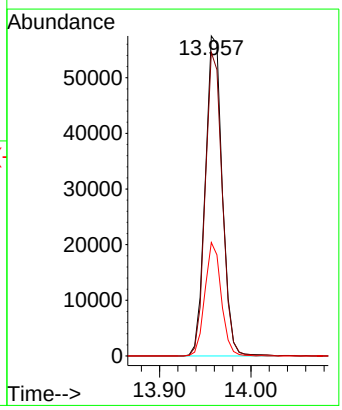




#96
1,2,3-Trichlorobenzene
Concen: 54.049 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion:180 Resp: 74211

Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.5	142.6
145	33.9	17.0	50.9



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045312.D
Acq On : 18 Mar 2025 10:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Mar 19 01:38:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	99818	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	175808	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	151375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	71356	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	81784	51.509	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.020%			
35) Dibromofluoromethane	5.379	113	61666	52.456	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.920%			
50) Toluene-d8	8.647	98	213078	49.996	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.000%			
62) 4-Bromofluorobenzene	11.079	95	77049	54.557	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 109.120%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	60222	47.929	ug/l	97
3) Chloromethane	1.300	50	69904	45.462	ug/l	100
4) Vinyl Chloride	1.374	62	62913	41.244	ug/l	97
5) Bromomethane	1.593	94	27332	45.580	ug/l	99
6) Chloroethane	1.660	64	31612	44.930	ug/l	100
7) Trichlorofluoromethane	1.867	101	93429	46.268	ug/l	96
8) Diethyl Ether	2.130	74	33560	42.490	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.312	101	62031	53.469	ug/l	98
10) Methyl Iodide	2.441	142	74553	51.423	ug/l	97
11) Tert butyl alcohol	2.983	59	58920	195.913	ug/l	99
12) 1,1-Dichloroethene	2.306	96	58098	47.367	ug/l	99
13) Acrolein	2.233	56	81811	235.324	ug/l	100
14) Allyl chloride	2.654	41	108834	49.848	ug/l	95
15) Acrylonitrile	3.062	53	193713	240.329	ug/l	99
16) Acetone	2.386	43	170062	230.853	ug/l	98
17) Carbon Disulfide	2.501	76	130150	39.839	ug/l	98
18) Methyl Acetate	2.703	43	104537	58.988	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	204467	49.687	ug/l	99
20) Methylene Chloride	2.782	84	67795	46.459	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	57461	47.420	ug/l	95
22) Diisopropyl ether	3.757	45	222471	50.102	ug/l	93
23) Vinyl Acetate	3.715	43	925572	249.784	ug/l	99
24) 1,1-Dichloroethane	3.599	63	121571	48.853	ug/l	99
25) 2-Butanone	4.556	43	267999	241.687	ug/l	100
26) 2,2-Dichloropropane	4.465	77	84755	72.611	ug/l	95
27) cis-1,2-Dichloroethene	4.477	96	72736	48.625	ug/l	93
28) Bromochloromethane	4.885	49	59956	50.547	ug/l	98
29) Tetrahydrofuran	5.001	42	169735	227.936	ug/l	100
30) Chloroform	5.080	83	121902	49.301	ug/l	97
31) Cyclohexane	5.458	56	101352	46.918	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	99429	49.788	ug/l	97
36) 1,1-Dichloropropene	5.684	75	79034	49.023	ug/l	99
37) Ethyl Acetate	4.708	43	99330	47.814	ug/l	99
38) Carbon Tetrachloride	5.666	117	82850	50.618	ug/l	98
39) Methylcyclohexane	7.373	83	99912	51.720	ug/l	99
40) Benzene	6.025	78	248464	48.805	ug/l	99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045312.D
Acq On : 18 Mar 2025 10:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Mar 19 01:38:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.916	41	57809	51.464	ug/l		98
42) 1,2-Dichloroethane	6.080	62	95767	52.239	ug/l		98
43) Isopropyl Acetate	6.336	43	158682	51.656	ug/l		99
44) Trichloroethene	7.117	130	57829	48.376	ug/l		98
45) 1,2-Dichloropropane	7.427	63	64231	49.071	ug/l		100
46) Dibromomethane	7.574	93	47670	51.526	ug/l		97
47) Bromodichloromethane	7.818	83	94385	52.012	ug/l		99
48) Methyl methacrylate	7.690	41	81849	53.109	ug/l		95
49) 1,4-Dioxane	7.659	88	29493	907.231	ug/l		96
51) 4-Methyl-2-Pentanone	8.574	43	535545	259.644	ug/l		100
52) Toluene	8.714	92	150886	50.515	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	84146	55.465	ug/l		96
54) cis-1,3-Dichloropropene	8.360	75	95867	54.190	ug/l		94
55) 1,1,2-Trichloroethane	9.147	97	61925	50.360	ug/l		97
56) Ethyl methacrylate	9.116	69	100306	53.664	ug/l		96
57) 1,3-Dichloropropane	9.305	76	106823	50.198	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	265011	290.649	ug/l		98
59) 2-Hexanone	9.427	43	394266	263.820	ug/l		99
60) Dibromochloromethane	9.518	129	68198	53.043	ug/l		99
61) 1,2-Dibromoethane	9.604	107	61888	50.415	ug/l		98
64) Tetrachloroethene	9.269	164	49539	51.098	ug/l		94
65) Chlorobenzene	10.073	112	162786	50.822	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	54990	51.552	ug/l		98
67) Ethyl Benzene	10.189	91	288783	51.743	ug/l		100
68) m/p-Xylenes	10.299	106	212826	104.167	ug/l		98
69) o-Xylene	10.640	106	105690	51.291	ug/l		99
70) Styrene	10.652	104	180599	54.166	ug/l		99
71) Bromoform	10.799	173	43504	54.084	ug/l	#	99
73) Isopropylbenzene	10.957	105	278606	50.023	ug/l		98
74) N-amyl acetate	10.841	43	139101	53.226	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	99756	48.809	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	103671	62.422	ug/l		86
77) Bromobenzene	11.195	156	64588	49.150	ug/l		98
78) n-propylbenzene	11.299	91	329285	52.338	ug/l		98
79) 2-Chlorotoluene	11.360	91	197543	49.301	ug/l		98
80) 1,3,5-Trimethylbenzene	11.451	105	229603	50.984	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	26079	53.737	ug/l		92
82) 4-Chlorotoluene	11.451	91	226650	51.902	ug/l		100
83) tert-Butylbenzene	11.713	119	232507	50.249	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	234292	51.705	ug/l		99
85) sec-Butylbenzene	11.890	105	295168	53.254	ug/l		100
86) p-Isopropyltoluene	12.006	119	243748	54.417	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	120314	51.323	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	118289	49.875	ug/l		99
89) n-Butylbenzene	12.329	91	223520	57.938	ug/l		99
90) Hexachloroethane	12.536	117	41142	50.780	ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	119524	50.826	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20953	52.623	ug/l		94
93) 1,2,4-Trichlorobenzene	13.585	180	73192	54.660	ug/l		100
94) Hexachlorobutadiene	13.725	225	30372	55.325	ug/l		99
95) Naphthalene	13.774	128	268238	52.139	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	74839	52.979	ug/l		100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045312.D
Acq On : 18 Mar 2025 10:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Mar 19 01:38:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

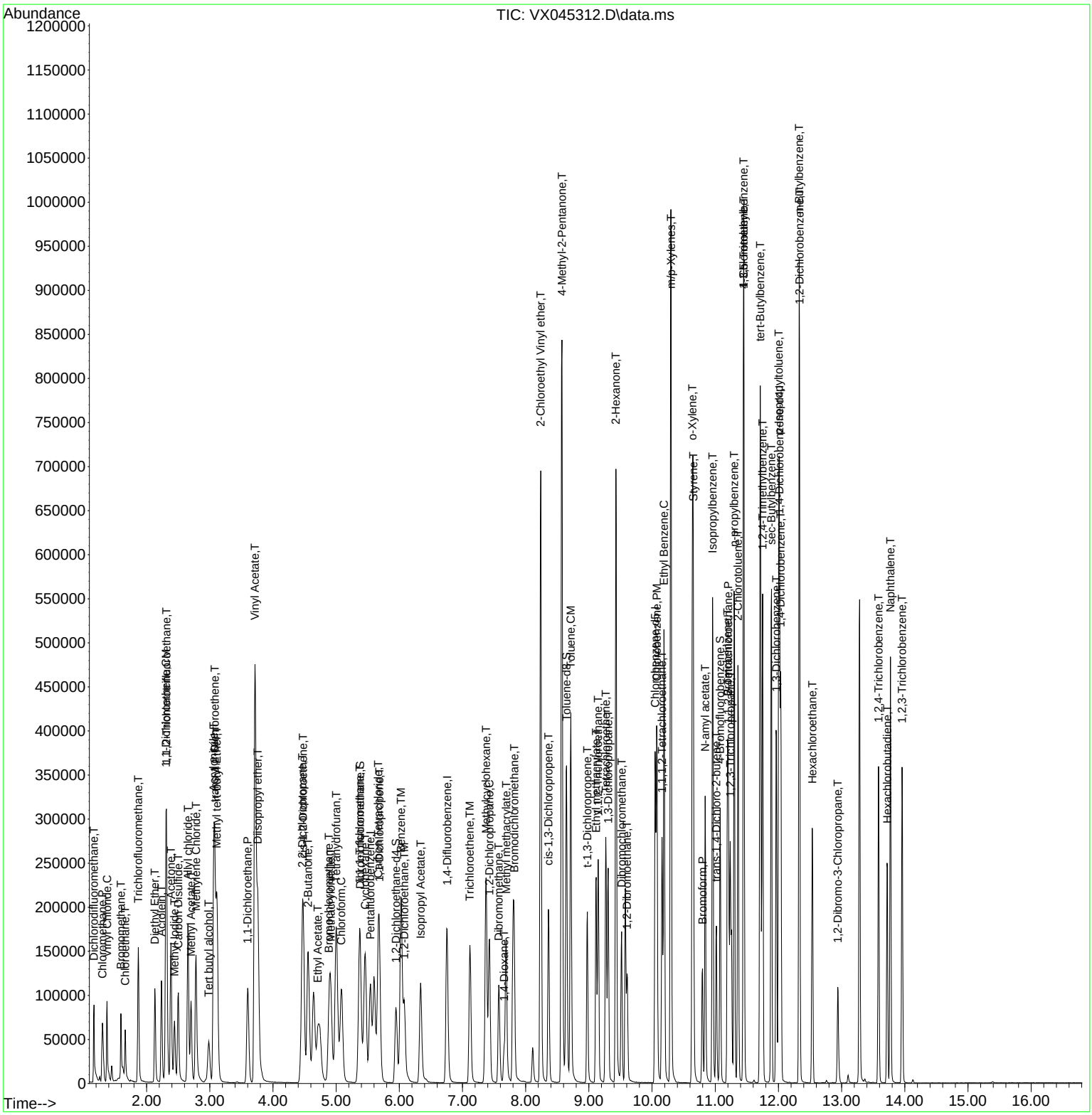
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

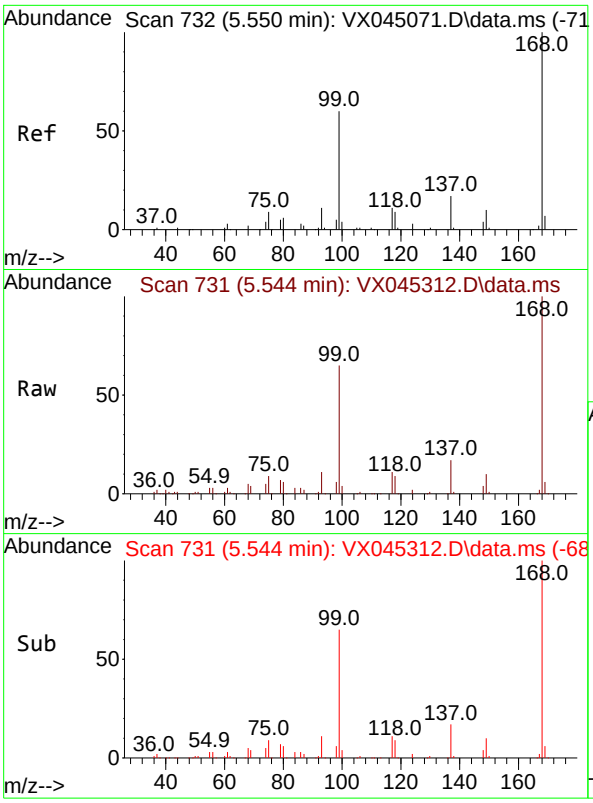
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045312.D
Acq On : 18 Mar 2025 10:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Mar 19 01:38:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration



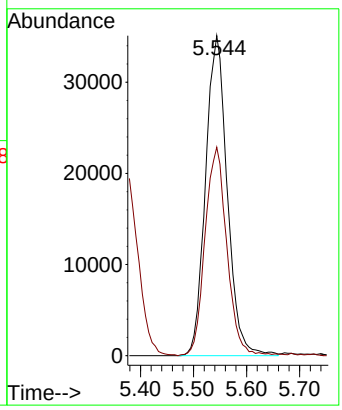


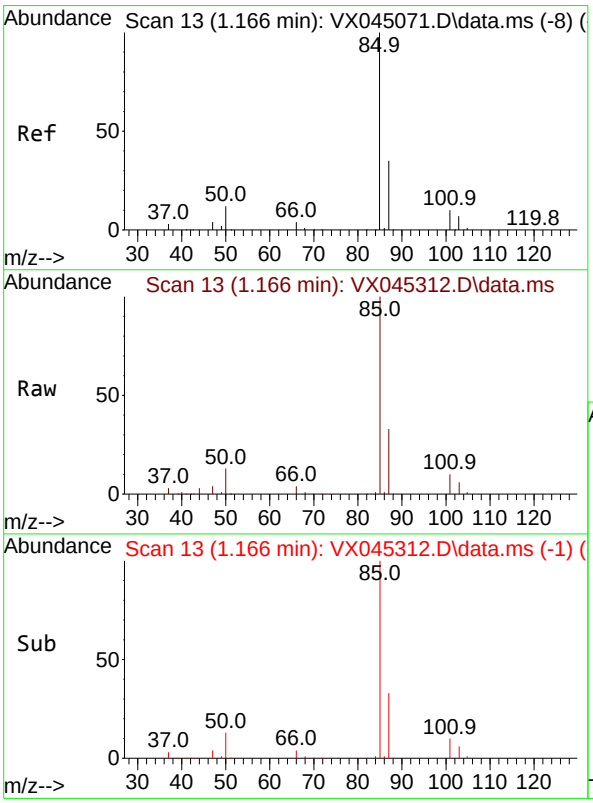
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 99818

Ion	Ratio	Lower	Upper
168	100		
99	65.1	48.2	72.4

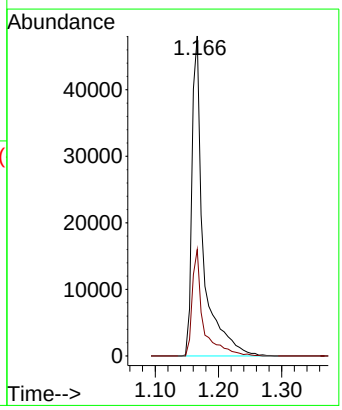


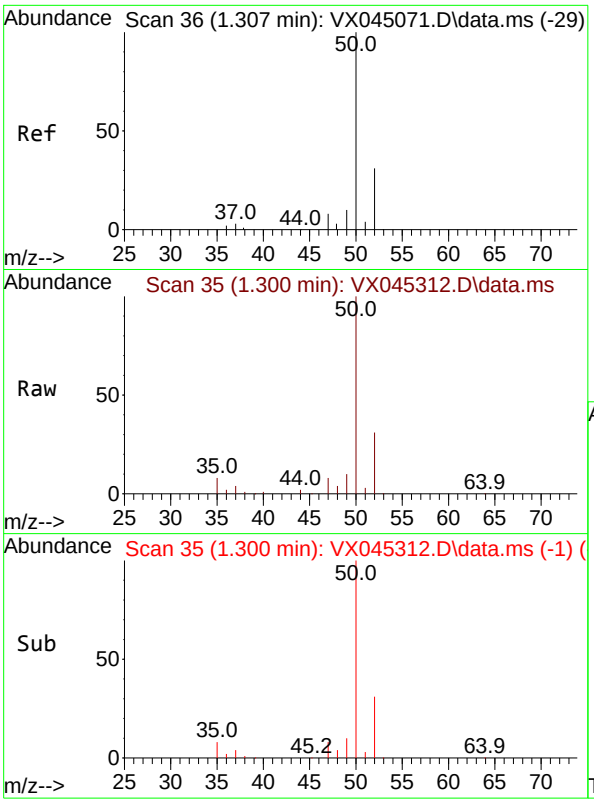


#2
Dichlorodifluoromethane
Concen: 47.929 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 85 Resp: 60222

Ion	Ratio	Lower	Upper
85	100		
87	33.2	17.4	52.3



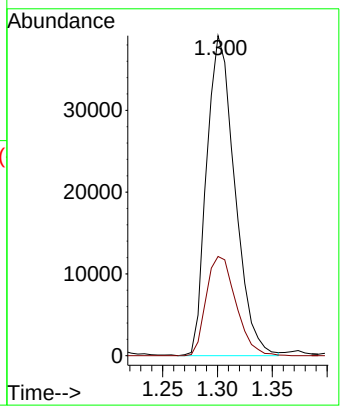


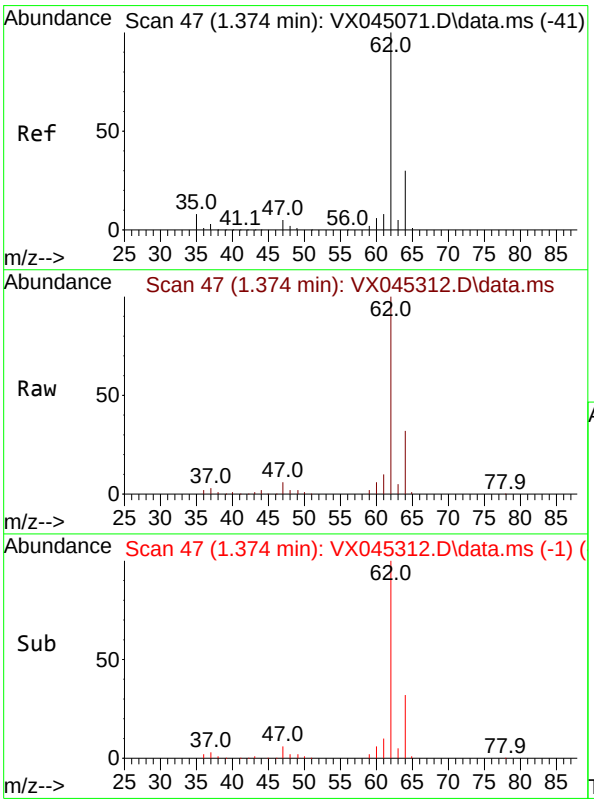
#3
Chloromethane
Concen: 45.462 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 69904

Ion	Ratio	Lower	Upper
50	100		
52	31.0	25.0	37.4

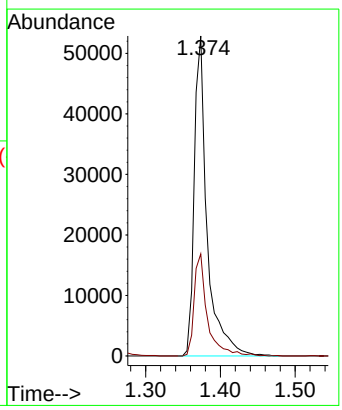


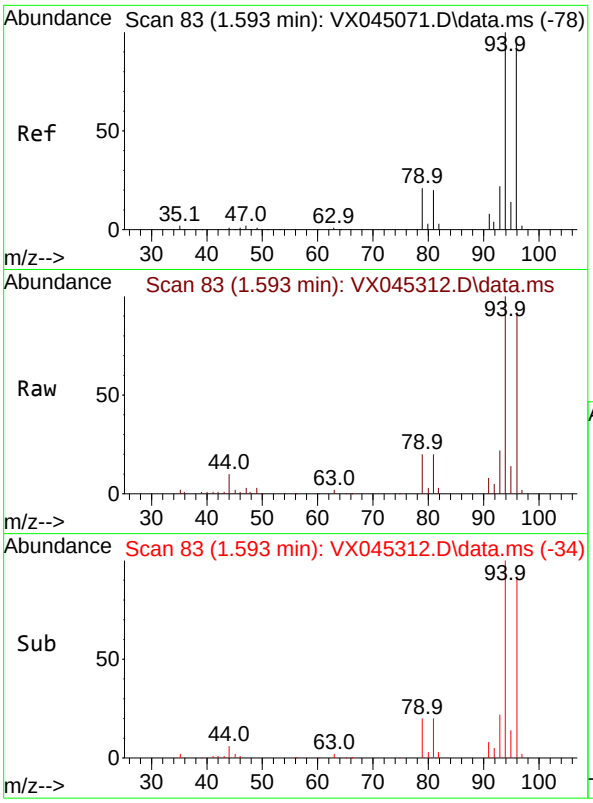


#4
Vinyl Chloride
Concen: 41.244 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 62 Resp: 62913

Ion	Ratio	Lower	Upper
62	100		
64	31.9	24.3	36.5



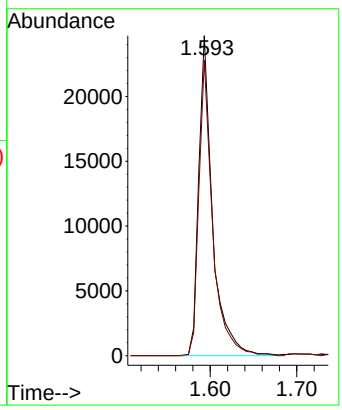


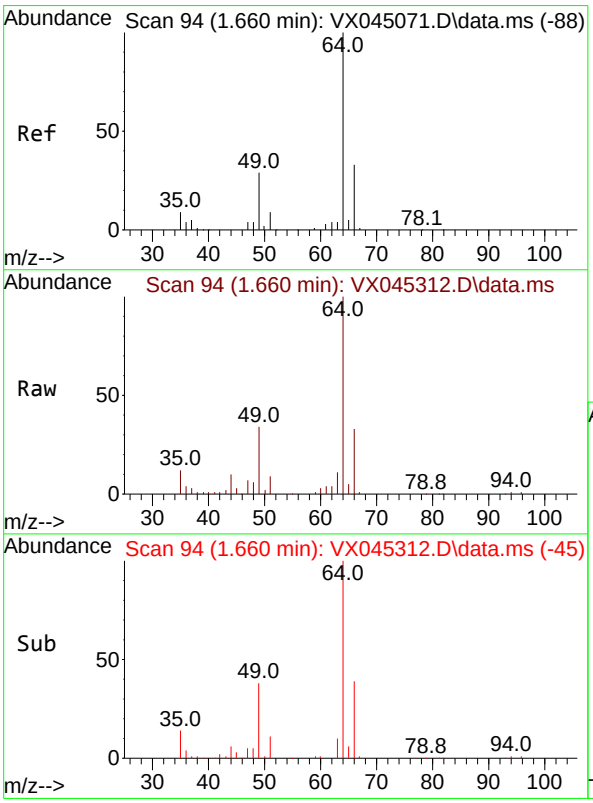
#5
Bromomethane
Concen: 45.580 ug/l
RT: 1.593 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 27332

Ion	Ratio	Lower	Upper
94	100		
96	92.4	75.0	112.4

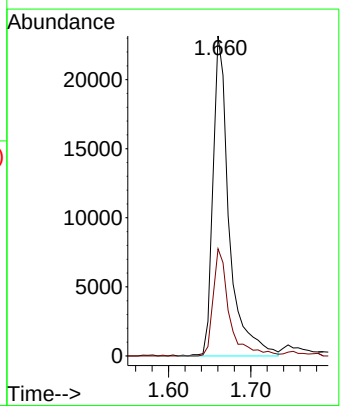


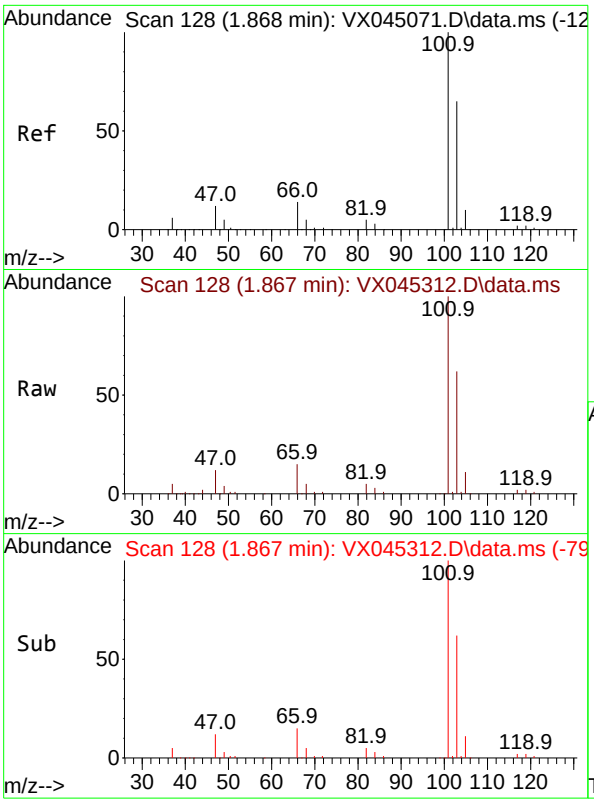


#6
Chloroethane
Concen: 44.930 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 64 Resp: 31612

Ion	Ratio	Lower	Upper
64	100		
66	33.5	26.7	40.1



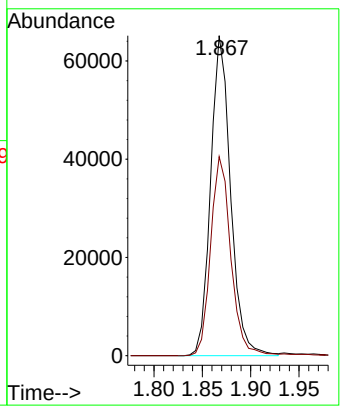


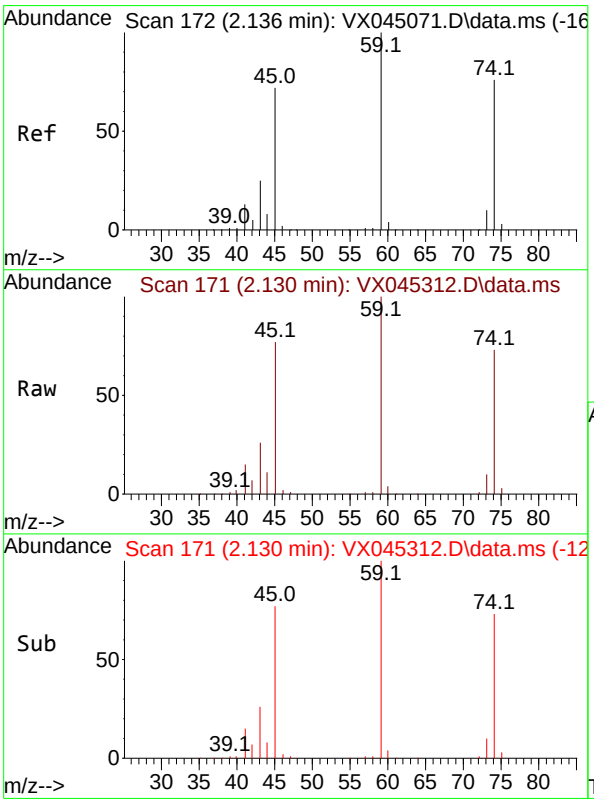
#7
Trichlorofluoromethane
Concen: 46.268 ug/l
RT: 1.867 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 93429

Ion	Ratio	Lower	Upper
101	100		
103	62.2	52.1	78.1

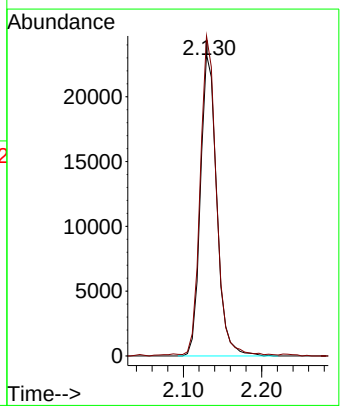


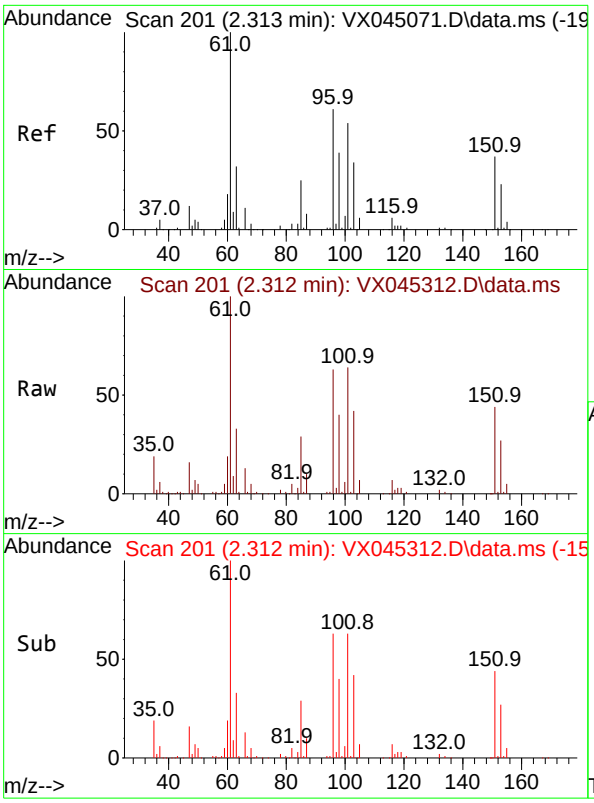


#8
Diethyl Ether
Concen: 42.490 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 74 Resp: 33560

Ion	Ratio	Lower	Upper
74	100		
45	106.8	51.5	154.5



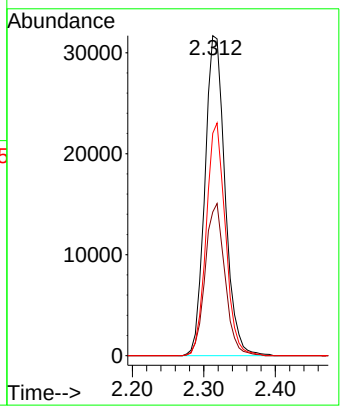


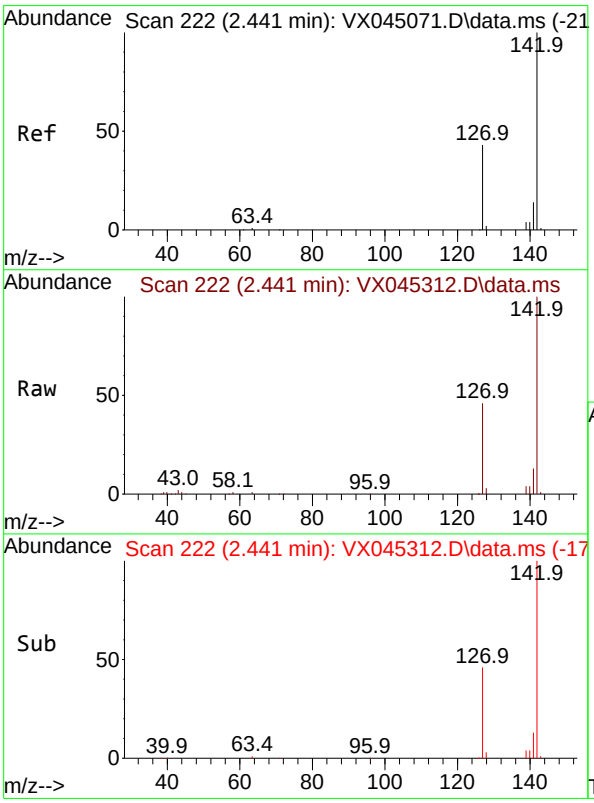
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.469 ug/l
RT: 2.312 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 62031

Ion	Ratio	Lower	Upper
101	100		
85	46.7	36.2	54.4
151	69.2	56.4	84.6

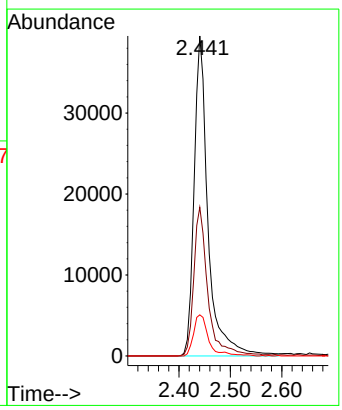


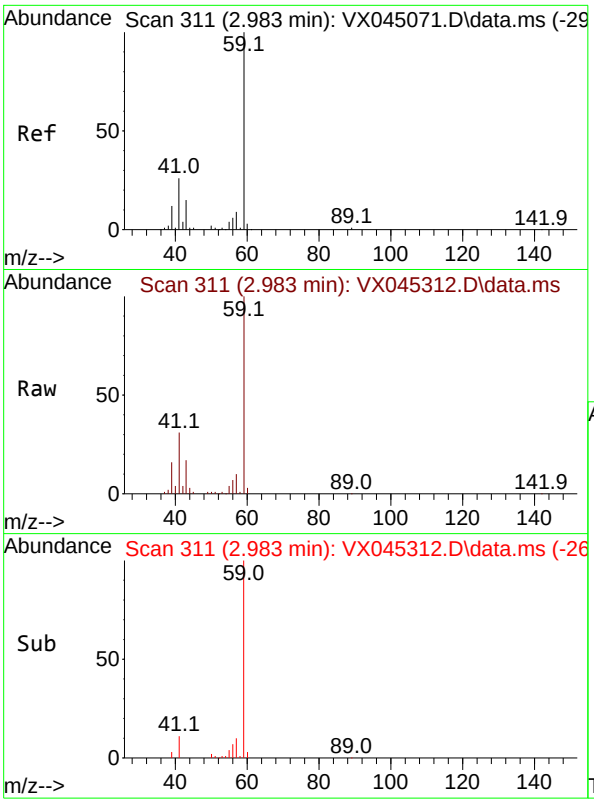


#10
Methyl Iodide
Concen: 51.423 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion:142 Resp: 74553

Ion	Ratio	Lower	Upper
142	100		
127	46.9	35.4	53.2
141	13.9	11.6	17.4



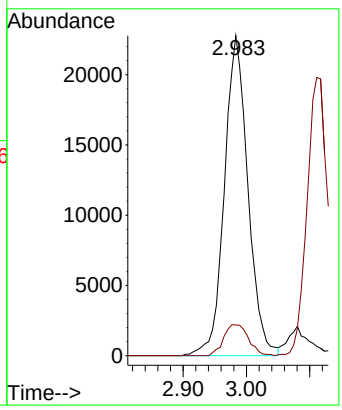


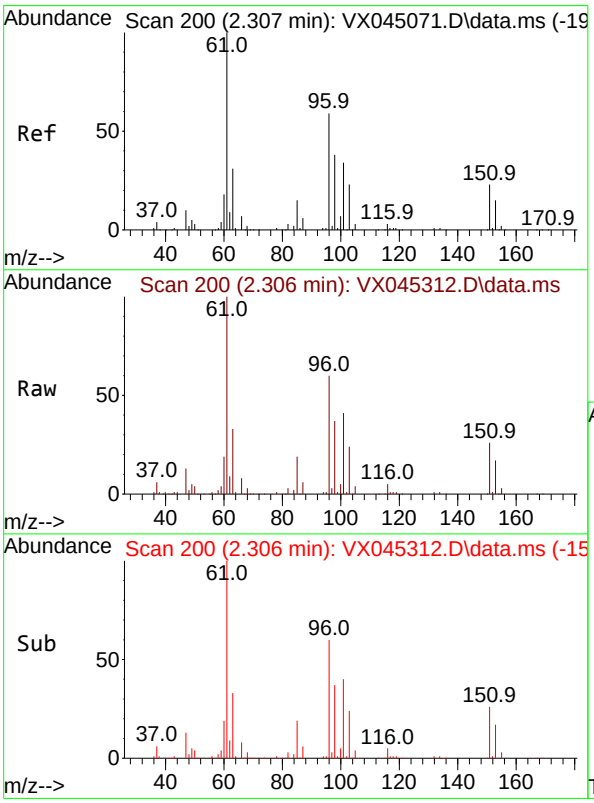
#11
Tert butyl alcohol
Concen: 195.913 ug/l
RT: 2.983 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 58920

Ion	Ratio	Lower	Upper
59	100		
57	10.2	7.8	11.8

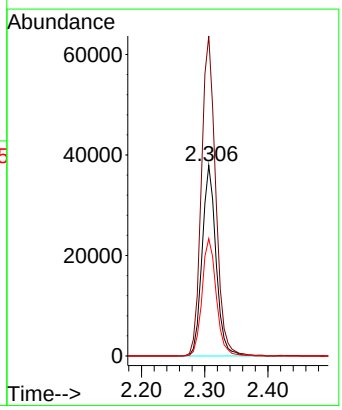


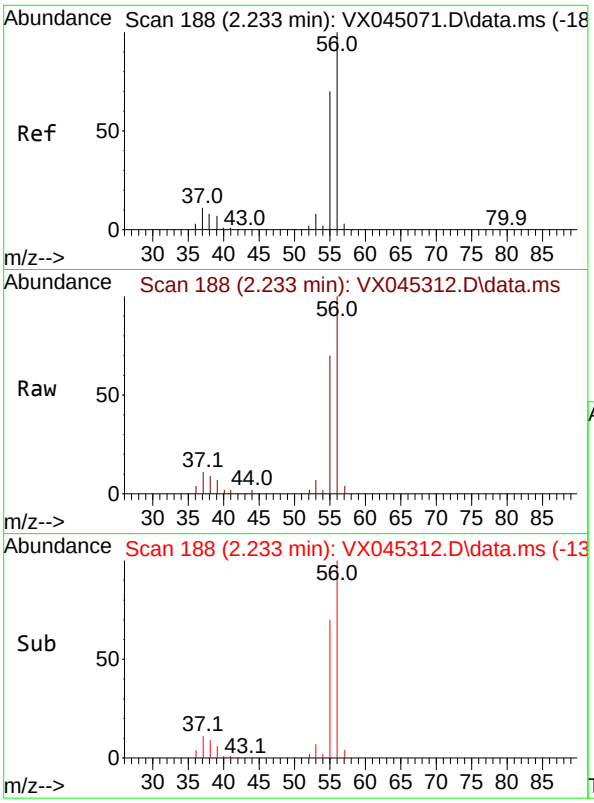


#12
1,1-Dichloroethene
Concen: 47.367 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 96 Resp: 58098

Ion	Ratio	Lower	Upper
96	100		
61	168.0	134.6	202.0
98	61.6	51.0	76.6



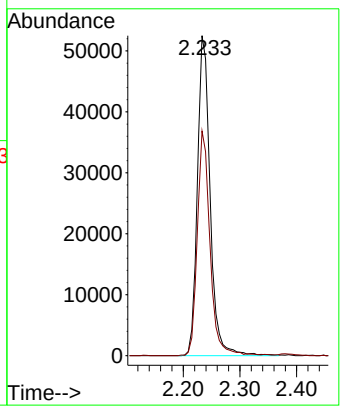


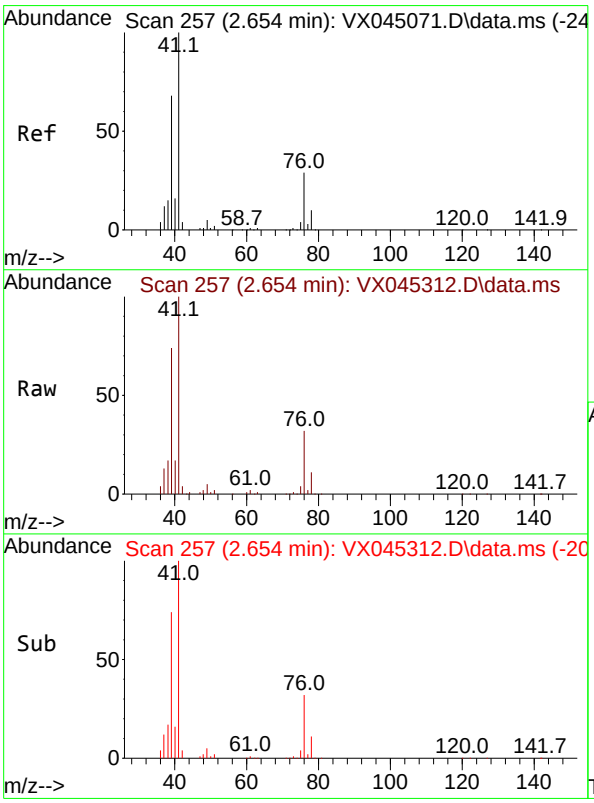
#13
Acrolein
Concen: 235.324 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 81811

Ion	Ratio	Lower	Upper
56	100		
55	70.1	56.2	84.4

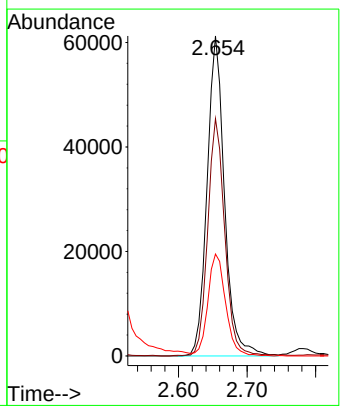


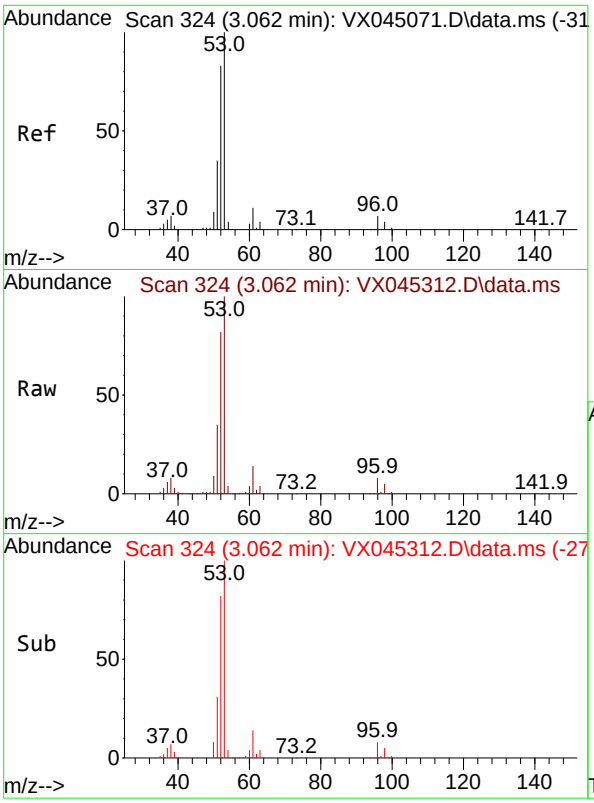


#14
Allyl chloride
Concen: 49.848 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 41 Resp: 108834

Ion	Ratio	Lower	Upper
41	100		
39	72.6	53.8	80.8
76	32.4	25.2	37.8



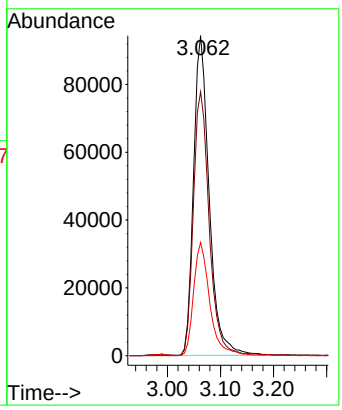


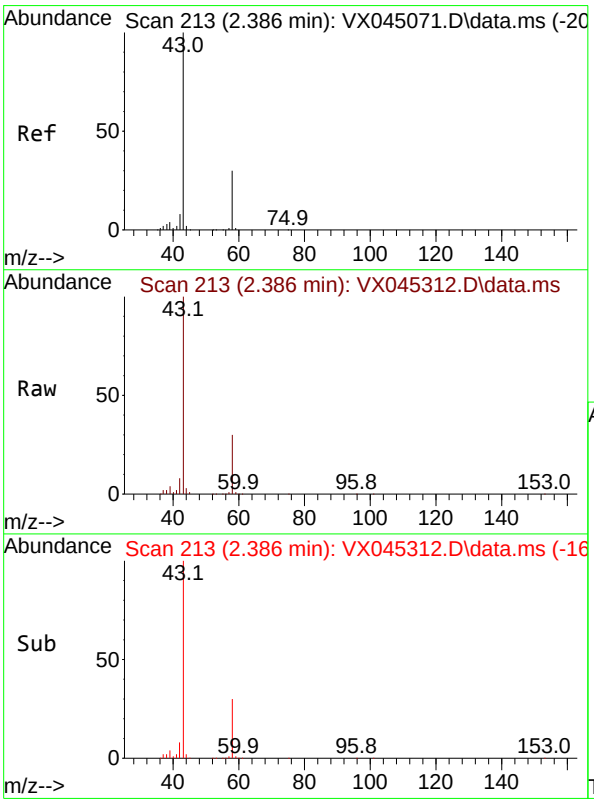
#15
Acrylonitrile
Concen: 240.329 ug/l
RT: 3.062 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 193713

Ion	Ratio	Lower	Upper
53	100		
52	84.0	66.2	99.2
51	36.1	29.0	43.4

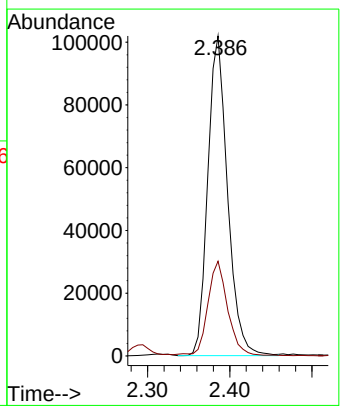


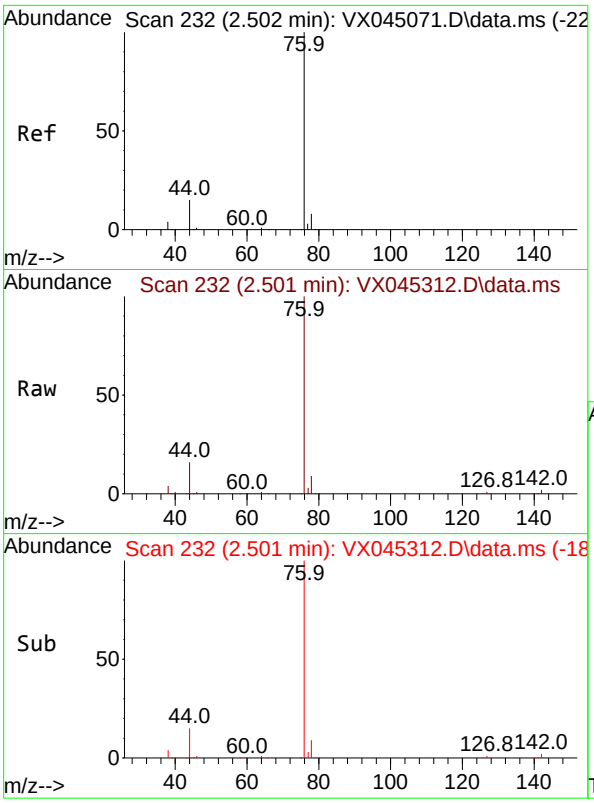


#16
Acetone
Concen: 230.853 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 43 Resp: 170062

Ion	Ratio	Lower	Upper
43	100		
58	29.4	24.2	36.4



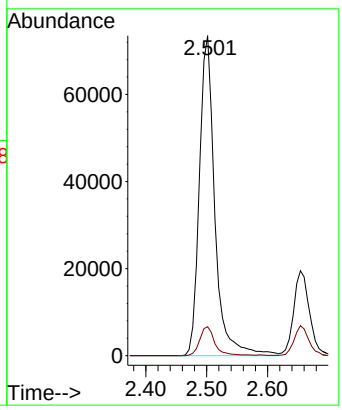


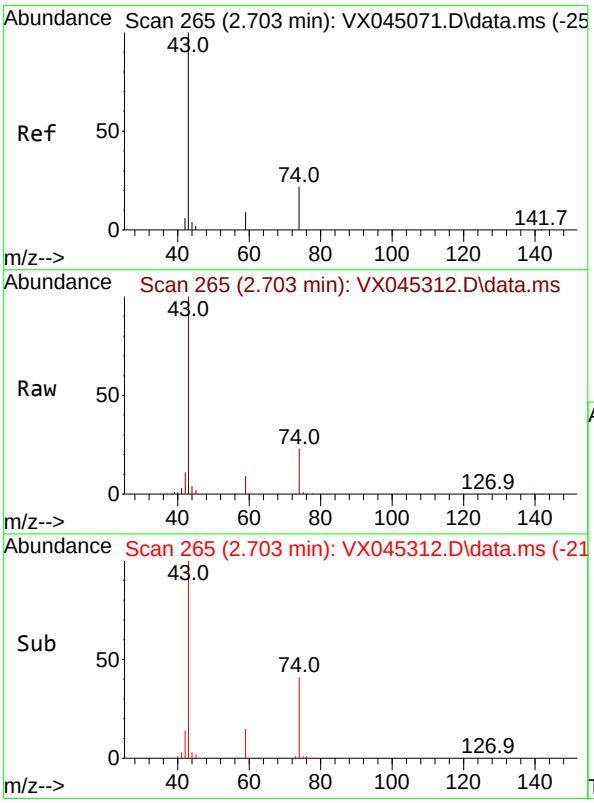
#17
Carbon Disulfide
Concen: 39.839 ug/l
RT: 2.501 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 130150

Ion	Ratio	Lower	Upper
76	100		
78	9.1	6.6	9.8

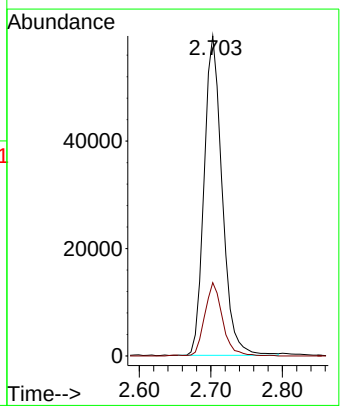


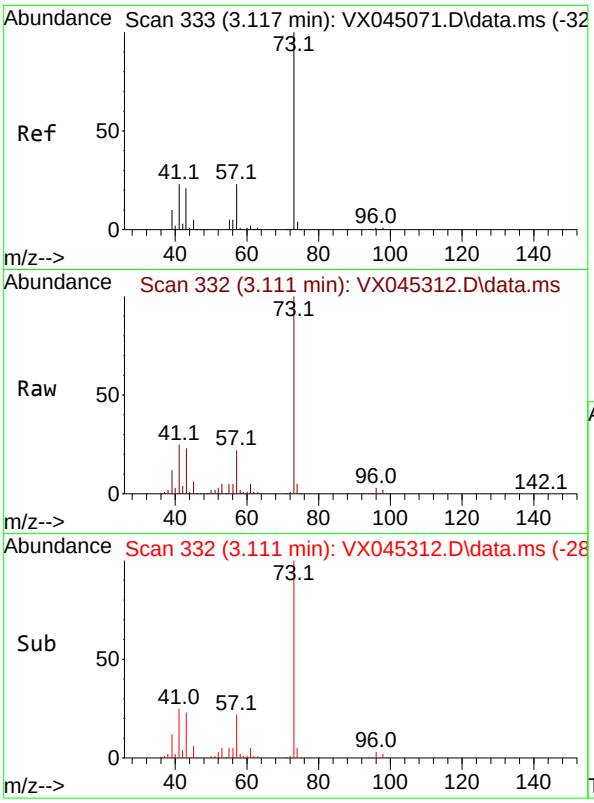


#18
Methyl Acetate
Concen: 58.988 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 43 Resp: 104537

Ion	Ratio	Lower	Upper
43	100		
74	22.0	17.4	26.2



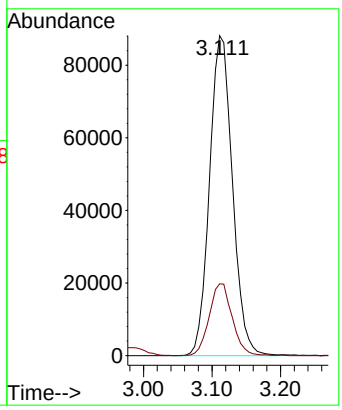


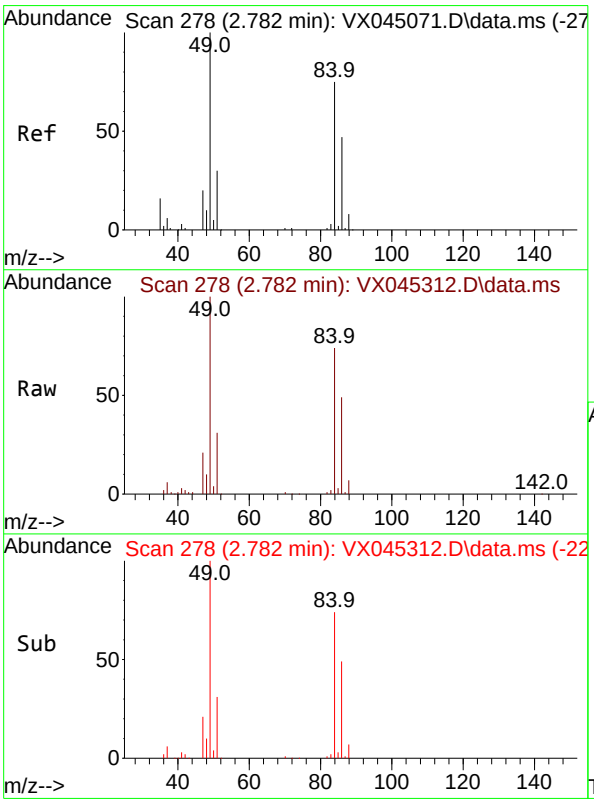
#19
Methyl tert-butyl Ether
Concen: 49.687 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 204467

Ion	Ratio	Lower	Upper
73	100		
57	22.4	18.5	27.7

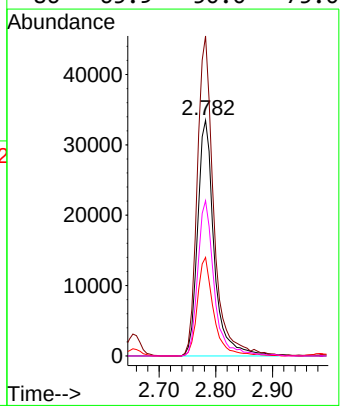


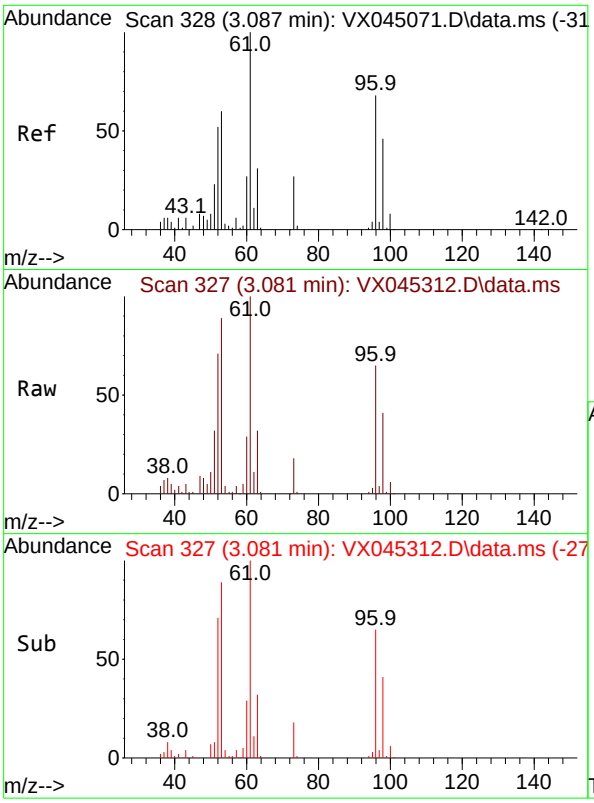


#20
Methylene Chloride
Concen: 46.459 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 84 Resp: 67795

Ion	Ratio	Lower	Upper
84	100		
49	135.8	106.5	159.7
51	41.8	32.1	48.1
86	65.9	50.0	75.0



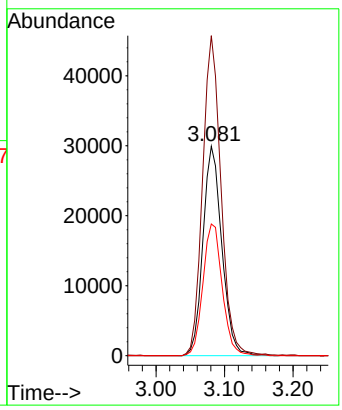


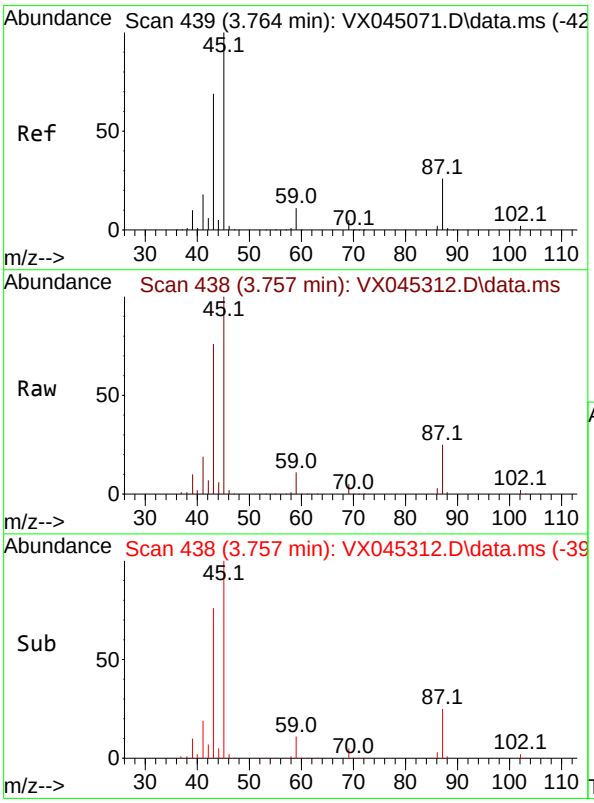
#21
trans-1,2-Dichloroethene
Concen: 47.420 ug/l
RT: 3.081 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 57461

Ion	Ratio	Lower	Upper
96	100		
61	152.8	117.0	175.4
98	62.9	53.4	80.2

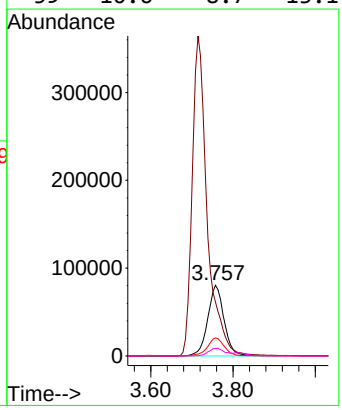


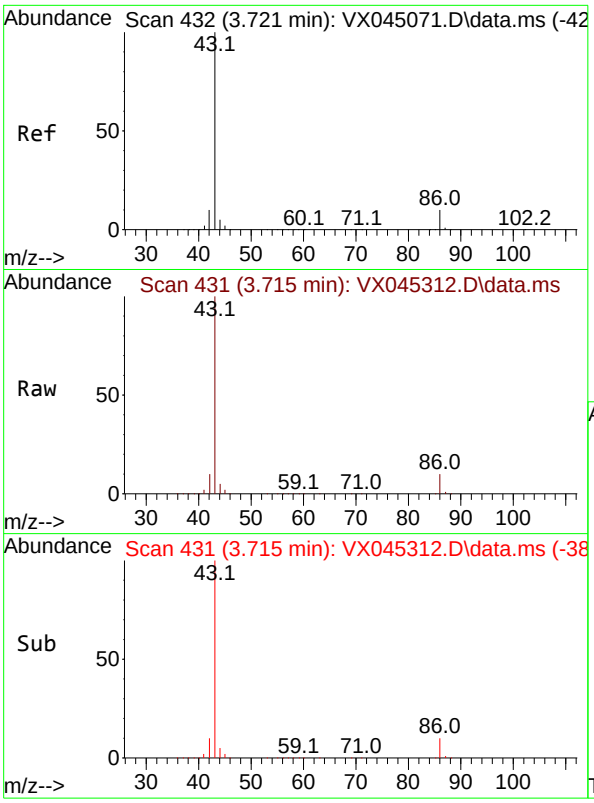


#22
Diisopropyl ether
Concen: 50.102 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 45 Resp: 222471

Ion	Ratio	Lower	Upper
45	100		
43	76.2	54.9	82.3
87	25.5	21.0	31.4
59	10.6	8.7	13.1



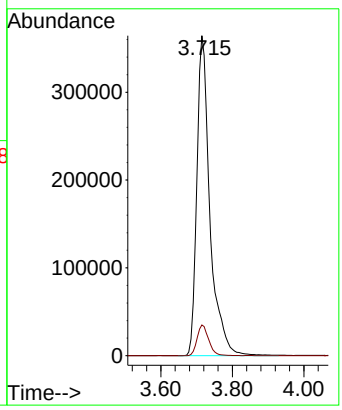


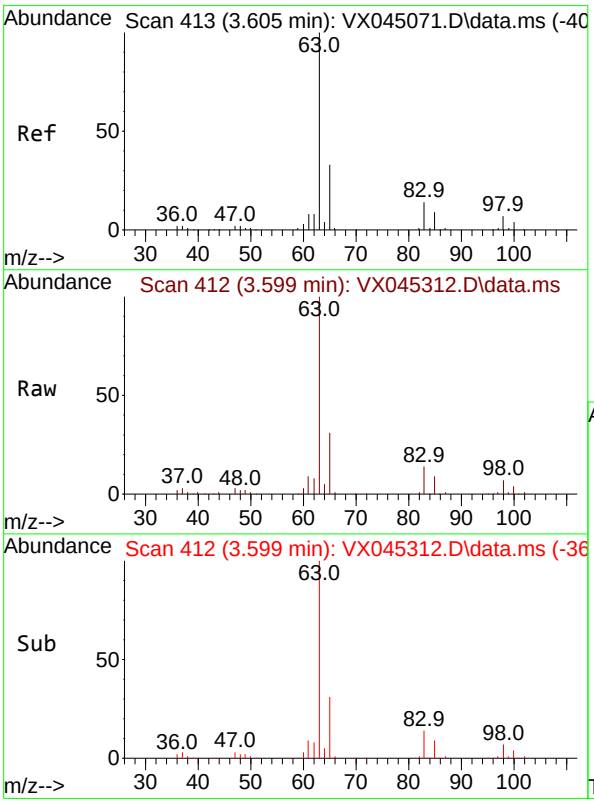
#23
Vinyl Acetate
Concen: 249.784 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 925572

Ion	Ratio	Lower	Upper
43	100		
86	9.6	8.1	12.1

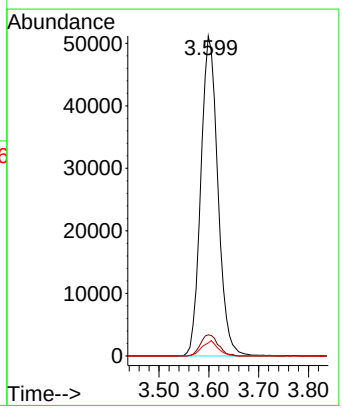


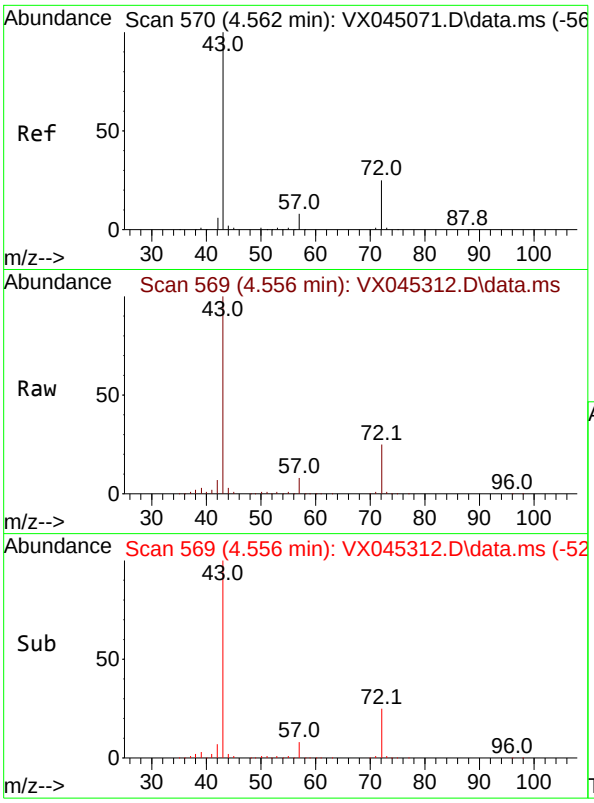


#24
1,1-Dichloroethane
Concen: 48.853 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 63 Resp: 121571

Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.4	10.2
100	4.0	2.1	6.5



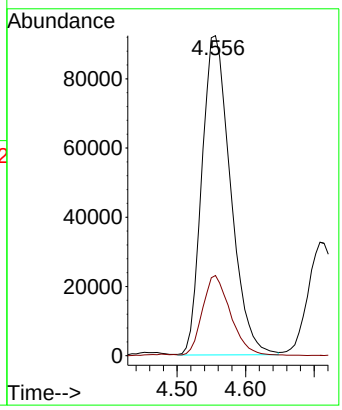


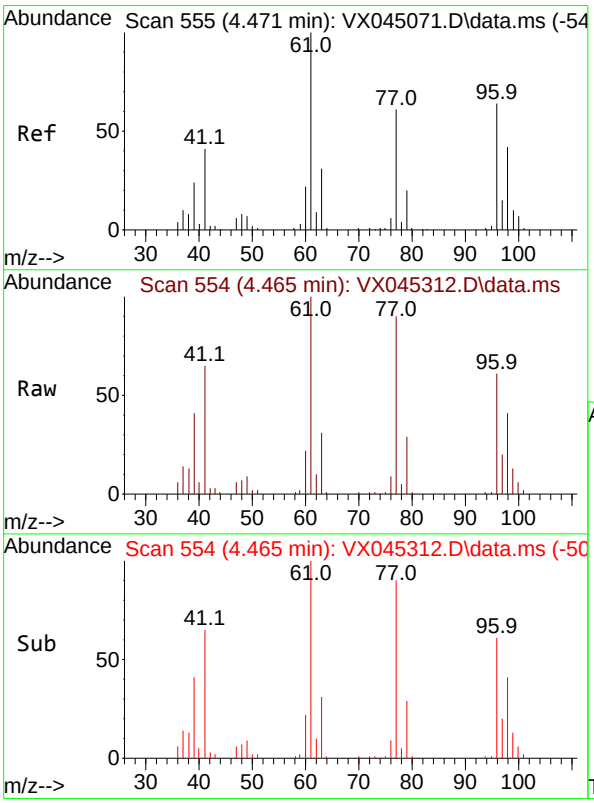
#25
2-Butanone
Concen: 241.687 ug/l
RT: 4.556 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 267999

Ion	Ratio	Lower	Upper
43	100		
72	24.9	20.0	30.0

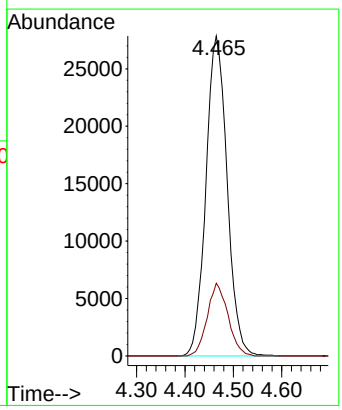


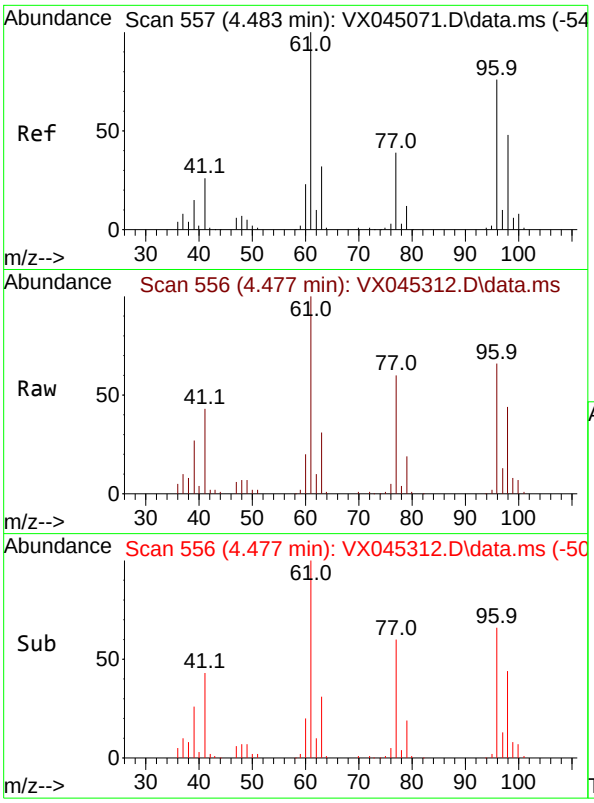


#26
2,2-Dichloropropane
Concen: 72.611 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 77 Resp: 84755

Ion	Ratio	Lower	Upper
77	100		
97	22.3	12.4	37.0



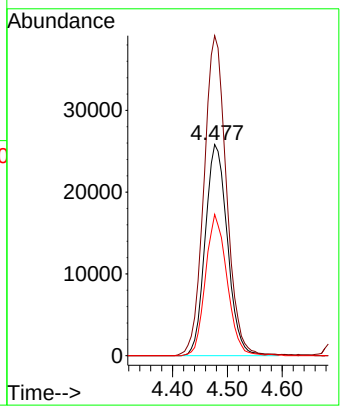


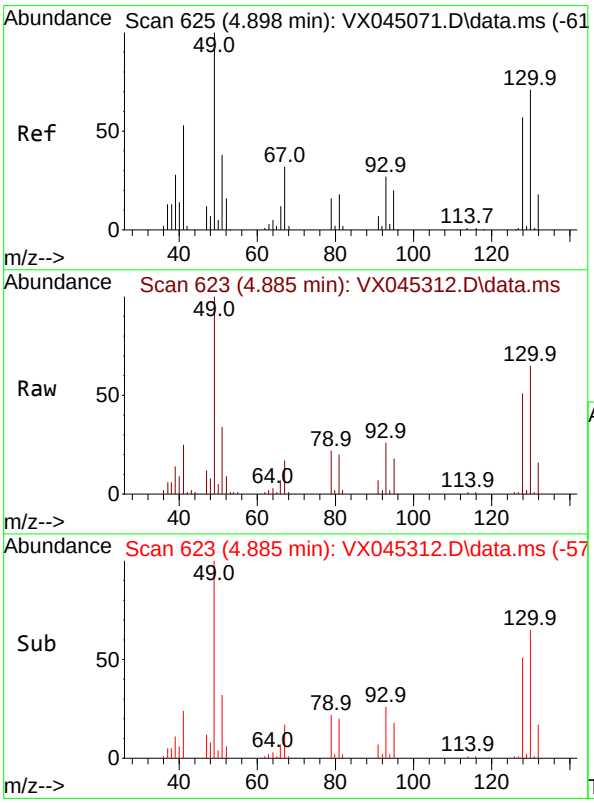
#27
cis-1,2-Dichloroethene
Concen: 48.625 ug/l
RT: 4.477 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 72736

Ion	Ratio	Lower	Upper
96	100		
61	153.4	0.0	283.2
98	64.8	0.0	128.0

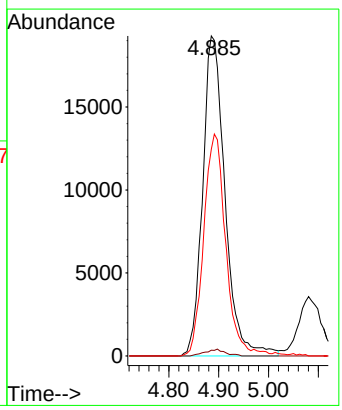


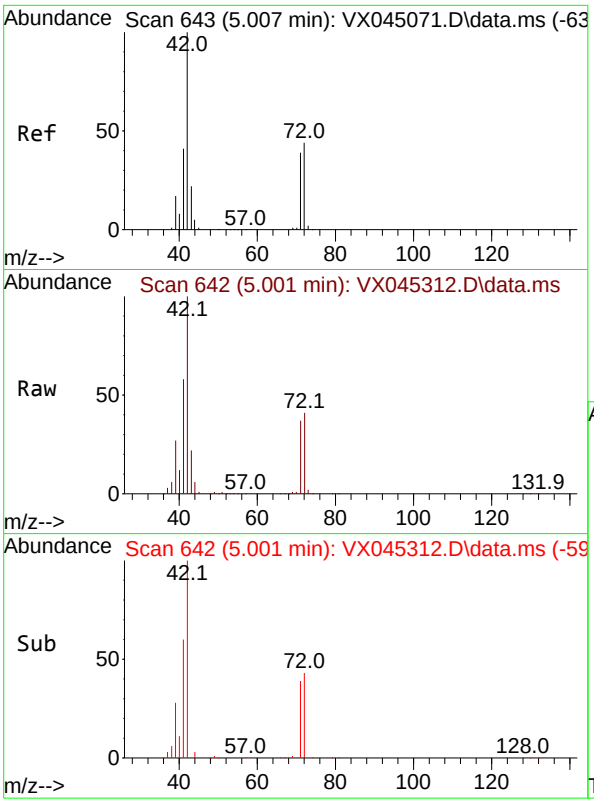


#28
Bromochloromethane
Concen: 50.547 ug/l
RT: 4.885 min Scan# 623
Delta R.T. -0.012 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 49 Resp: 59956

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.4
130	68.2	56.1	84.1



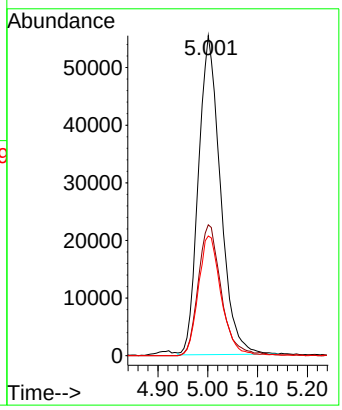


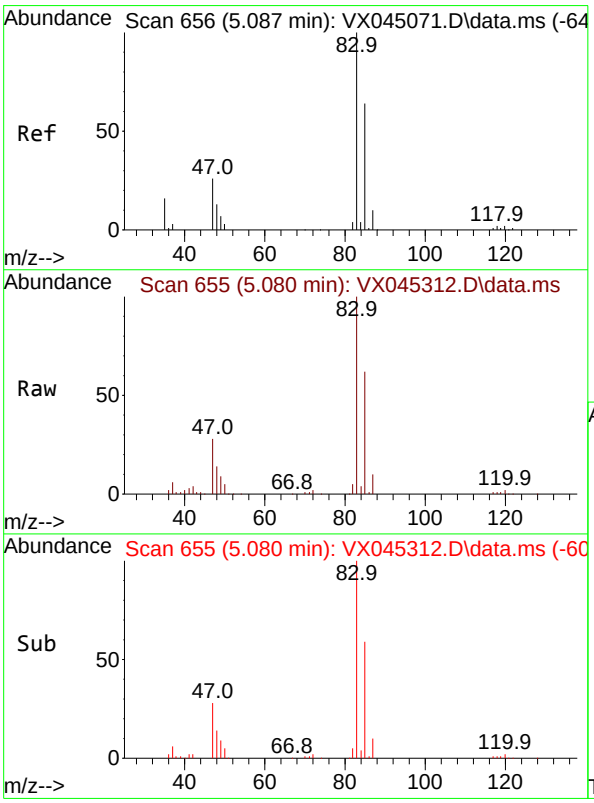
#29
Tetrahydrofuran
Concen: 227.936 ug/l
RT: 5.001 min Scan# 64
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 169735

Ion	Ratio	Lower	Upper
42	100		
72	42.8	34.1	51.1
71	38.9	31.4	47.0

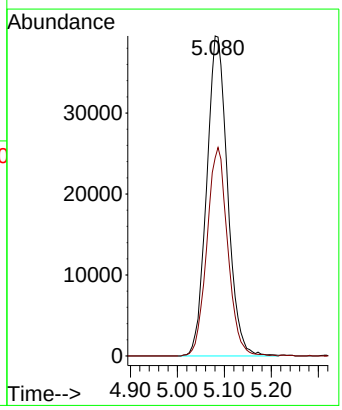


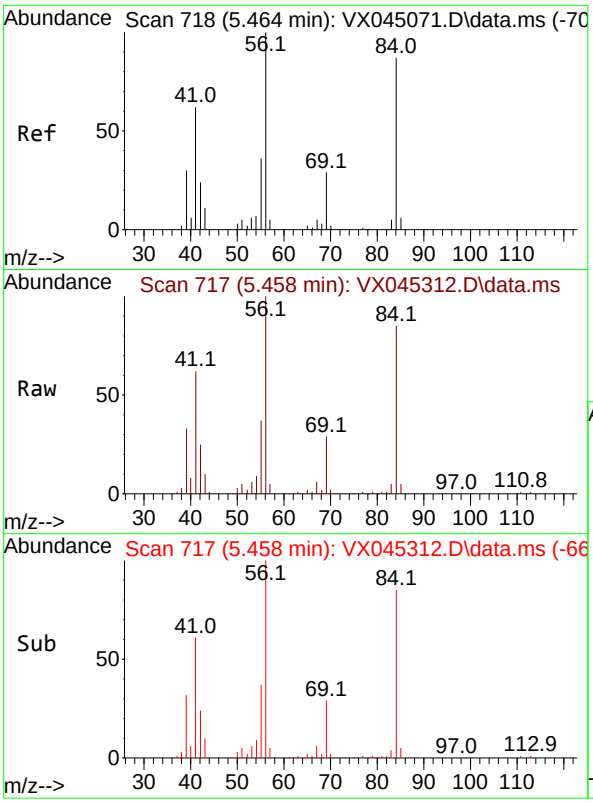


#30
Chloroform
Concen: 49.301 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 83 Resp: 121902

Ion	Ratio	Lower	Upper
83	100		
85	61.9	51.4	77.2



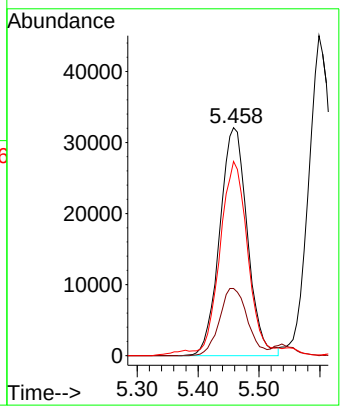


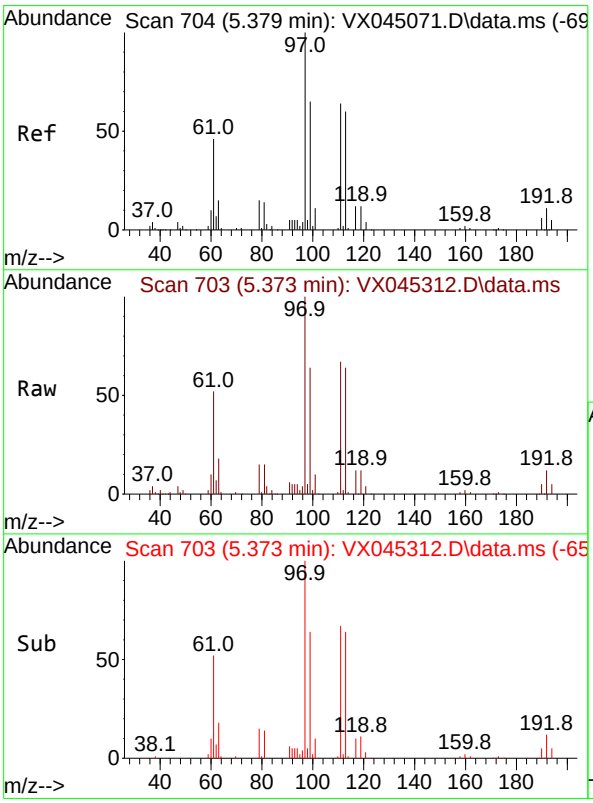
#31
Cyclohexane
Concen: 46.918 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 101352

Ion	Ratio	Lower	Upper
56	100		
69	29.5	23.4	35.2
84	83.5	69.4	104.2

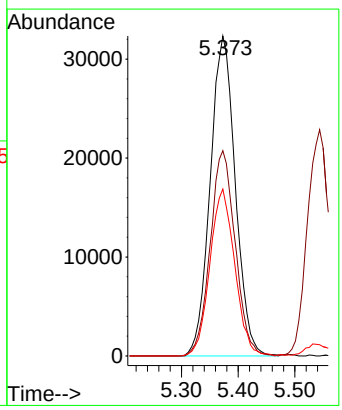


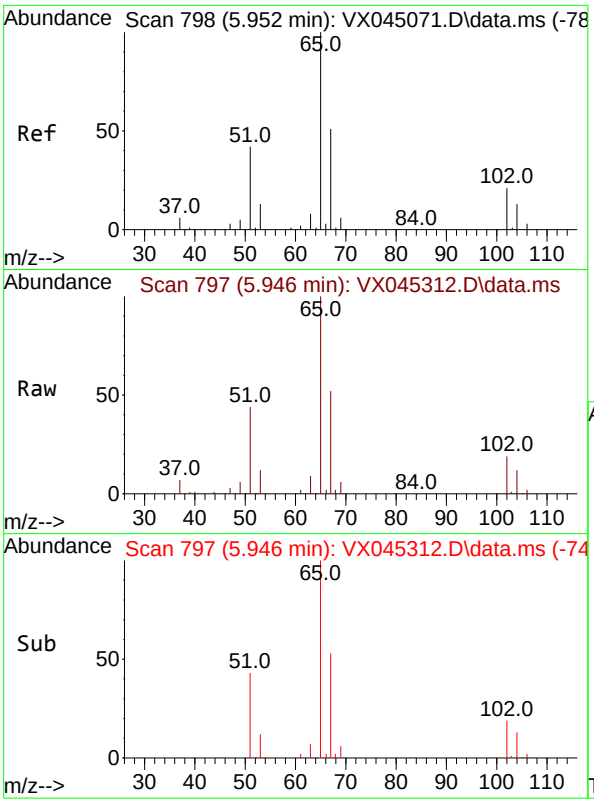


#32
1,1,1-Trichloroethane
Concen: 49.788 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 97 Resp: 99429

Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.6	77.4
61	51.7	38.4	57.6



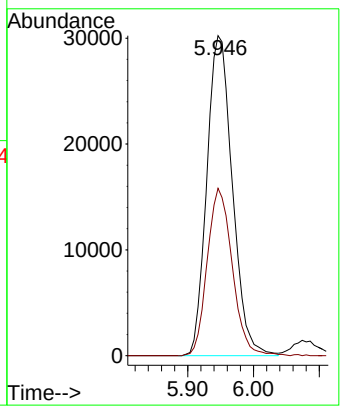


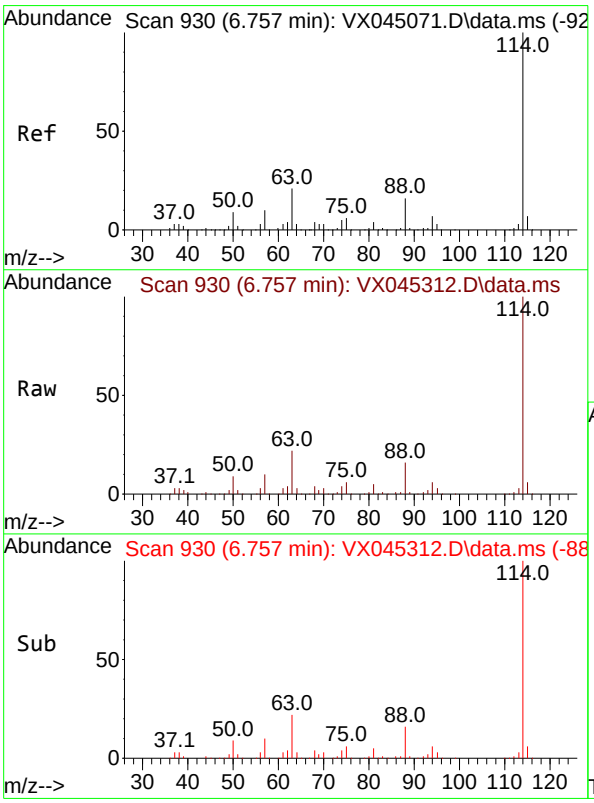
#33
1,2-Dichloroethane-d4
Concen: 51.509 ug/l
RT: 5.946 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 81784

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	106.2

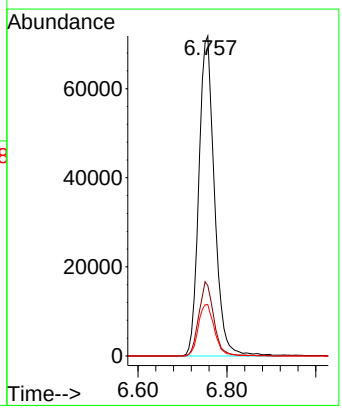


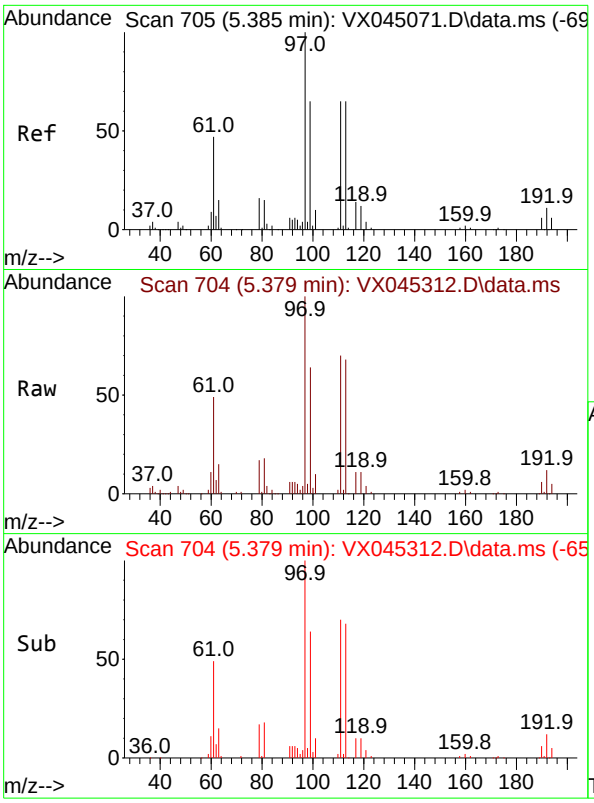


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion:114 Resp: 175808

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	41.8
88	16.1	0.0	32.8



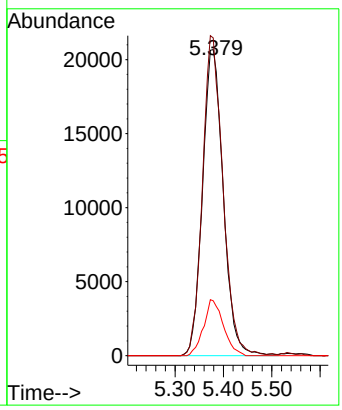


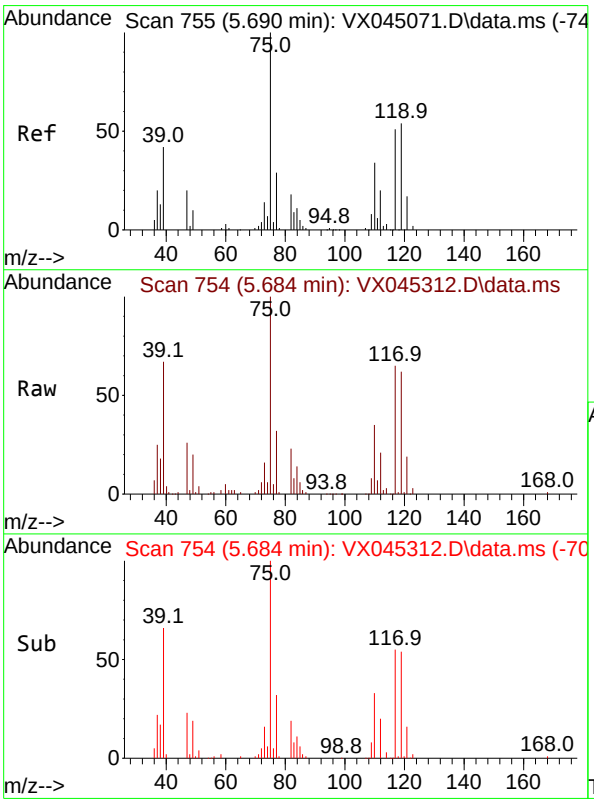
#35
Dibromofluoromethane
Concen: 52.456 ug/l
RT: 5.379 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:113 Resp: 61666

Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.8	122.6
192	17.5	14.3	21.5

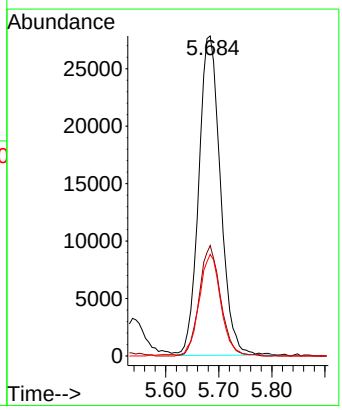


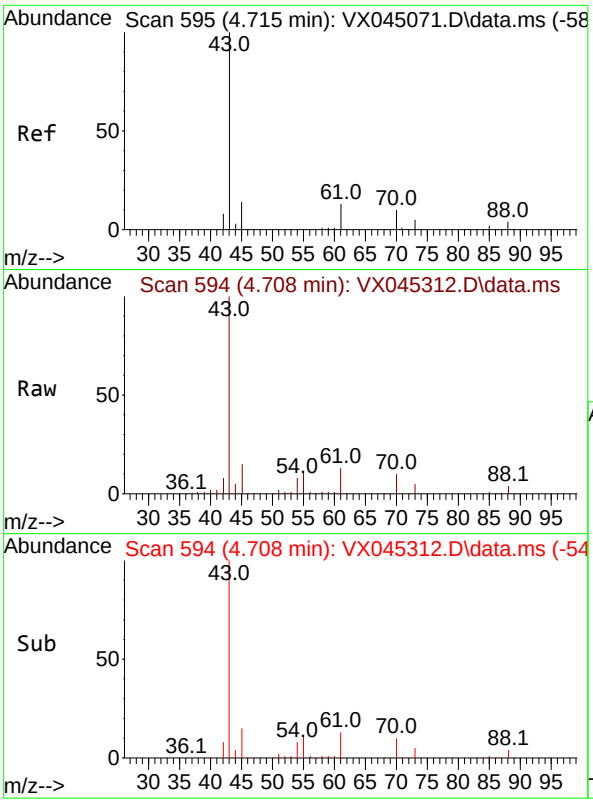


#36
1,1-Dichloropropene
Concen: 49.023 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 75 Resp: 79034

Ion	Ratio	Lower	Upper
75	100		
110	33.7	16.9	50.6
77	31.8	24.5	36.7



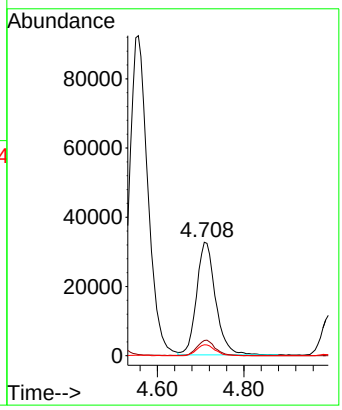


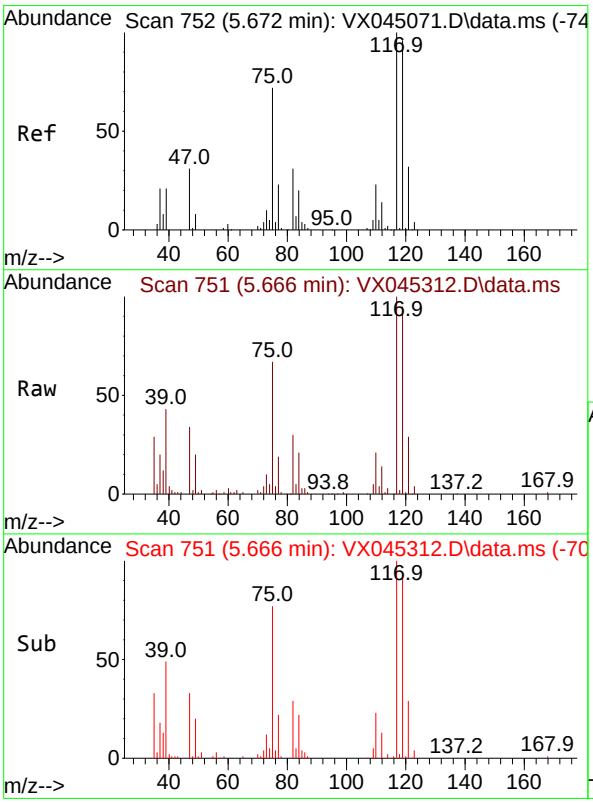
#37
Ethyl Acetate
Concen: 47.814 ug/l
RT: 4.708 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 99330

Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.8	16.2
70	9.4	7.7	11.5

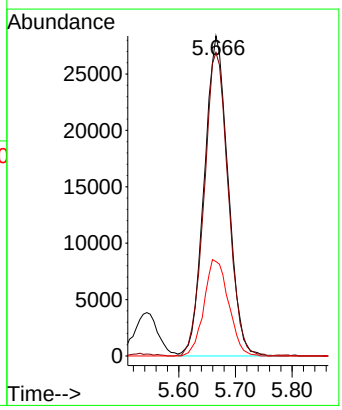


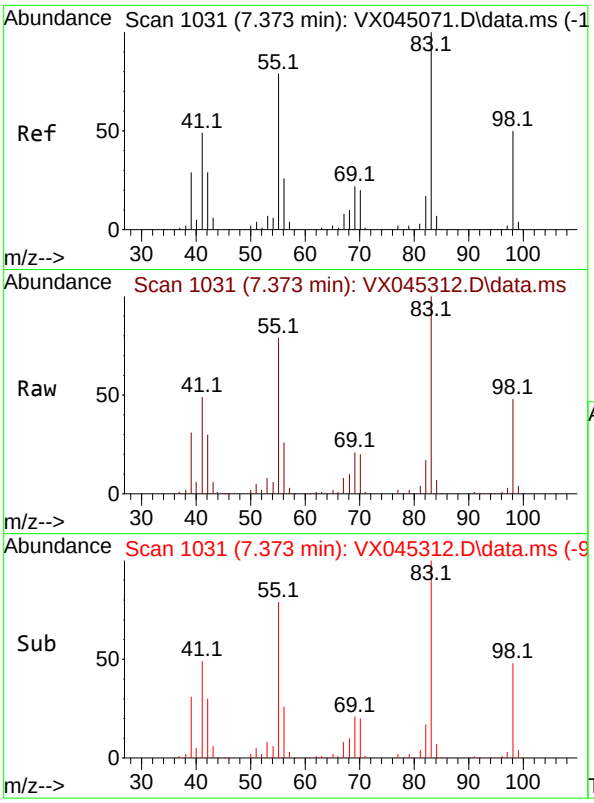


#38
Carbon Tetrachloride
Concen: 50.618 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion:117 Resp: 82850

Ion	Ratio	Lower	Upper
117	100		
119	94.6	76.7	115.1
121	29.5	25.5	38.3



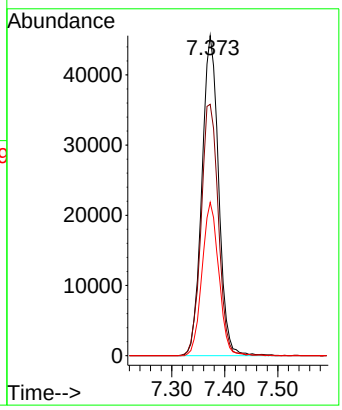


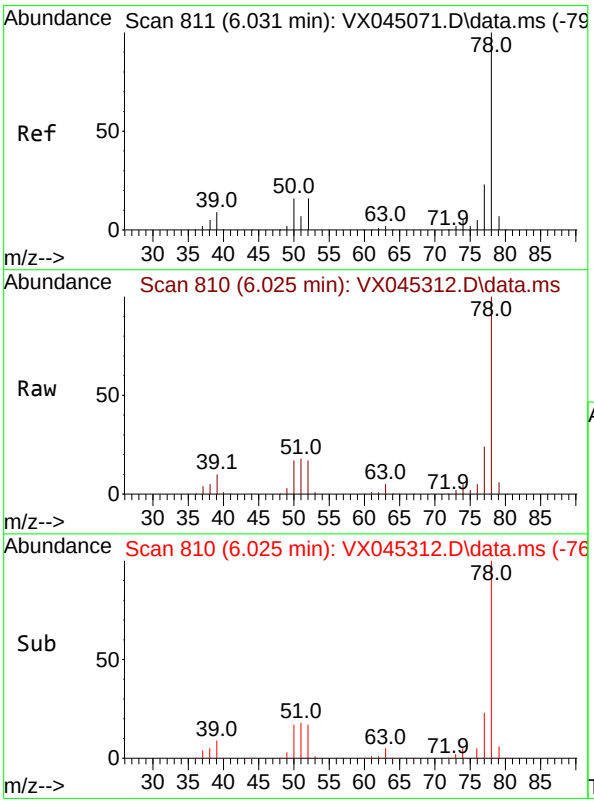
#39
Methylcyclohexane
Concen: 51.720 ug/l
RT: 7.373 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 99912

Ion	Ratio	Lower	Upper
83	100		
55	78.6	63.0	94.4
98	47.9	39.7	59.5

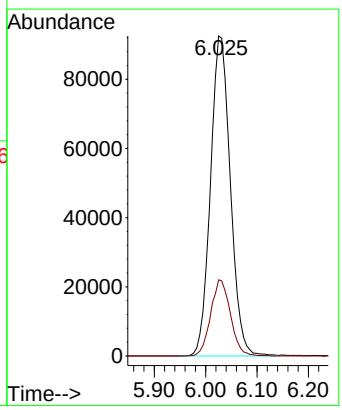


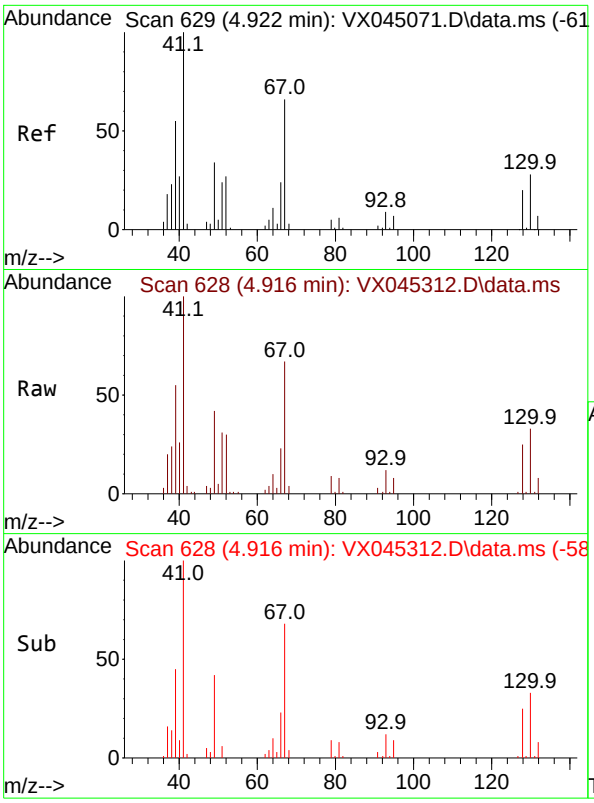


#40
Benzene
Concen: 48.805 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 78 Resp: 248464

Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.8	28.2



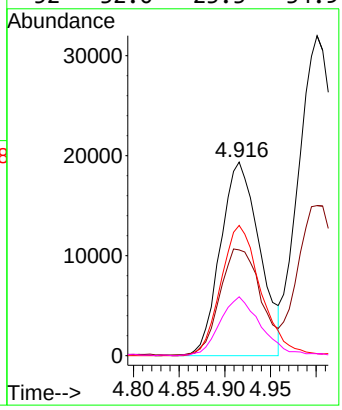


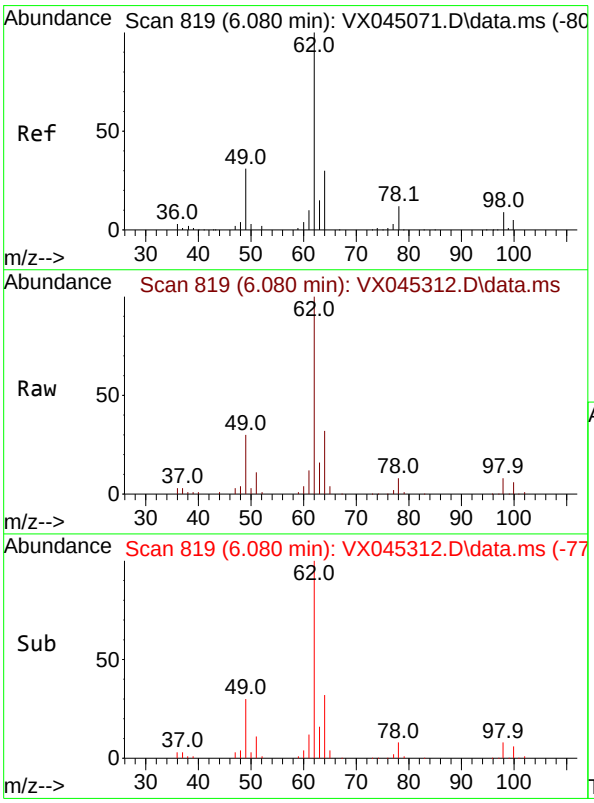
#41
Methacrylonitrile
Concen: 51.464 ug/l
RT: 4.916 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 57809

Ion	Ratio	Lower	Upper
41	100		
39	57.0	44.6	67.0
67	68.9	53.9	80.9
52	32.0	23.3	34.9

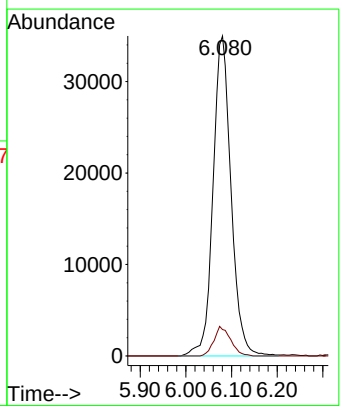


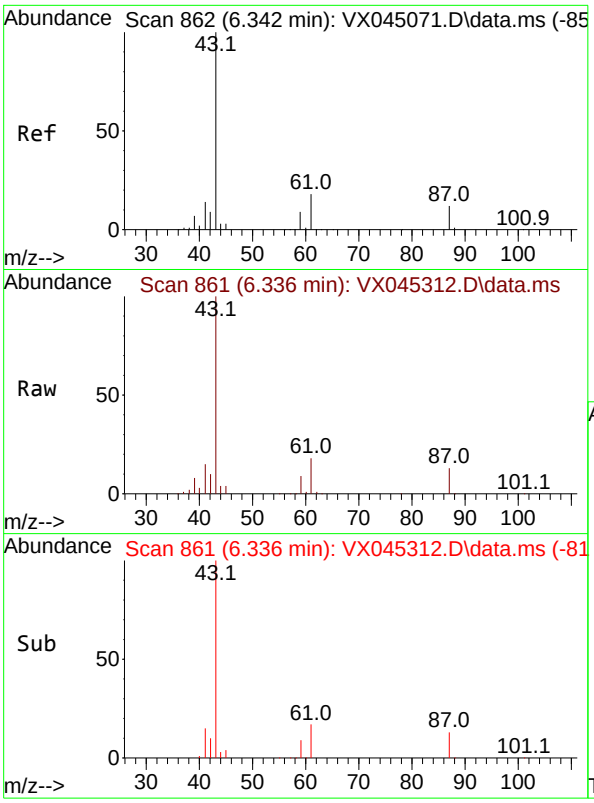


#42
1,2-Dichloroethane
Concen: 52.239 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 62 Resp: 95767

Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	18.2



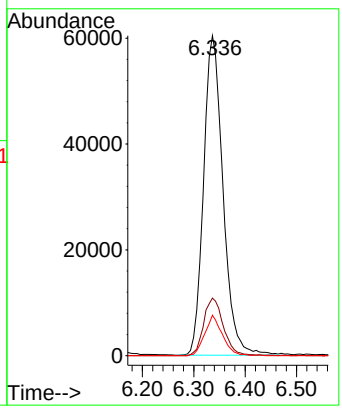


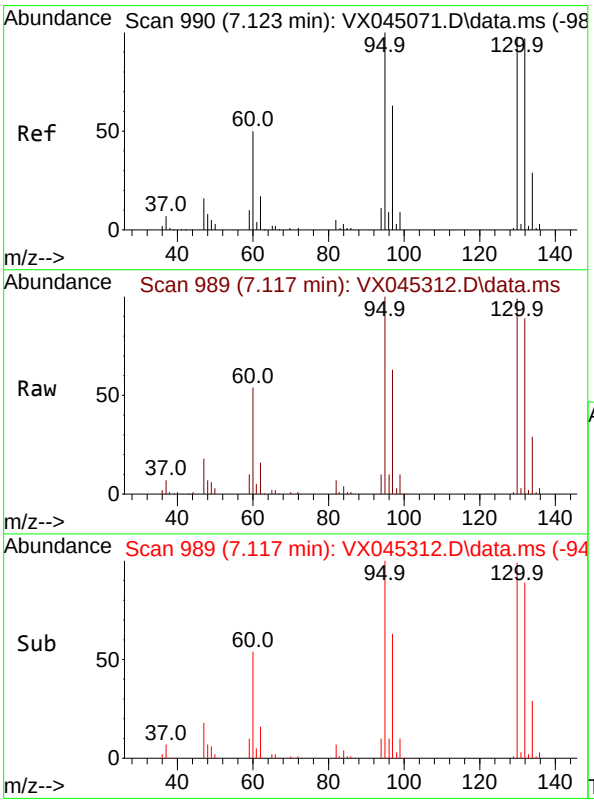
#43
Isopropyl Acetate
Concen: 51.656 ug/l
RT: 6.336 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 158682

Ion	Ratio	Lower	Upper
43	100		
61	18.3	14.9	22.3
87	11.5	9.4	14.2

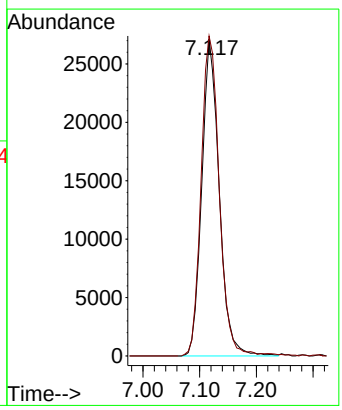


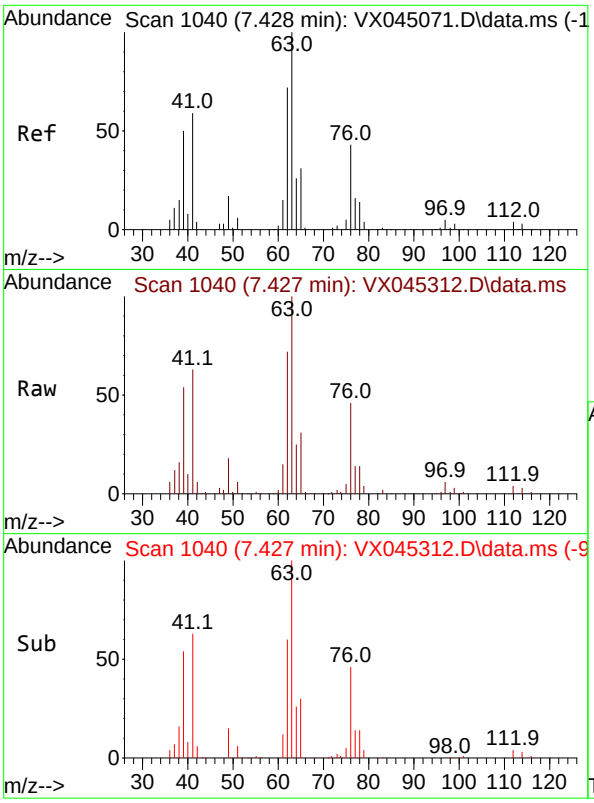


#44
Trichloroethene
Concen: 48.376 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion:130 Resp: 57829

Ion	Ratio	Lower	Upper
130	100		
95	101.0	0.0	205.0



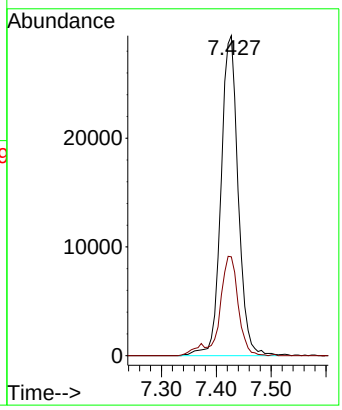


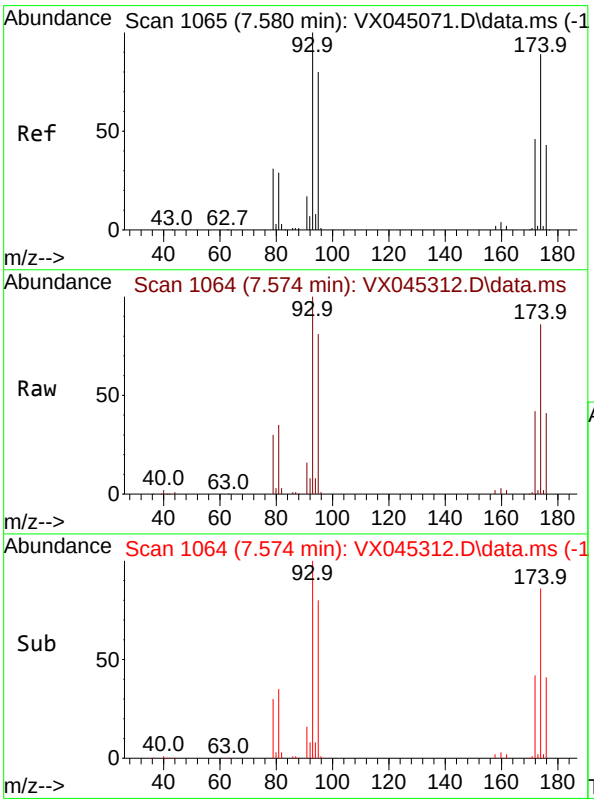
#45
1,2-Dichloropropane
Concen: 49.071 ug/l
RT: 7.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 64231

Ion	Ratio	Lower	Upper
63	100		
65	30.9	24.7	37.1

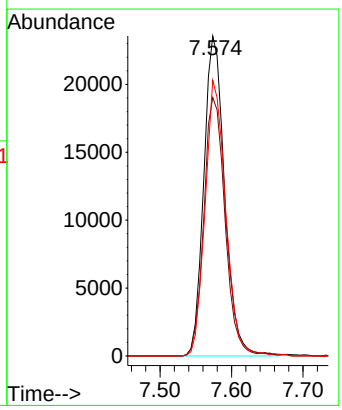


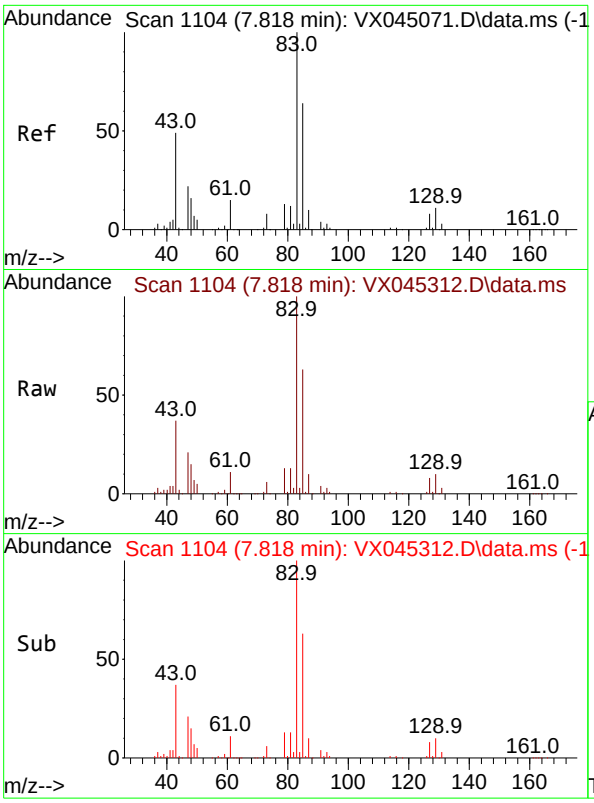


#46
Dibromomethane
Concen: 51.526 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 93 Resp: 47670

Ion	Ratio	Lower	Upper
93	100		
95	82.5	65.8	98.8
174	85.2	72.2	108.2



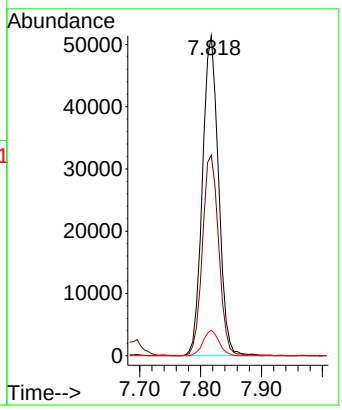


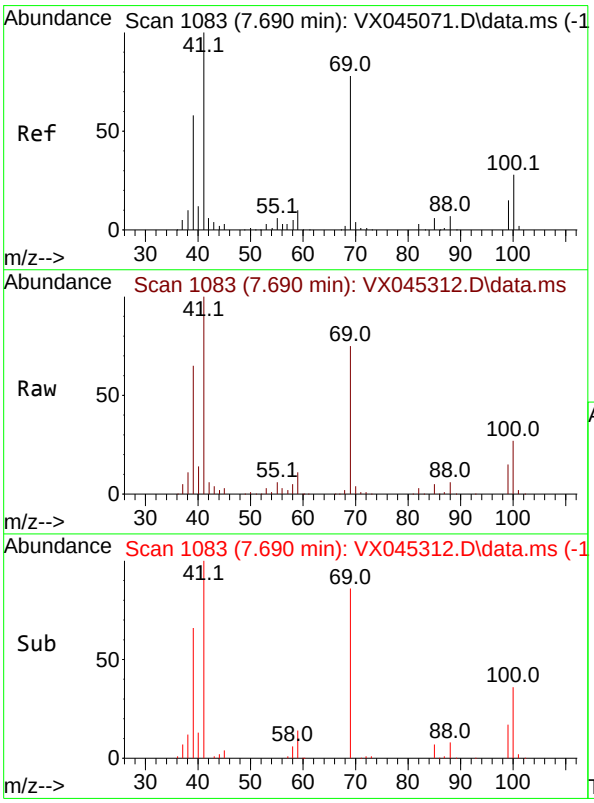
#47
Bromodichloromethane
Concen: 52.012 ug/l
RT: 7.818 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 94385

Ion	Ratio	Lower	Upper
83	100		
85	62.6	51.1	76.7
127	8.0	6.4	9.6

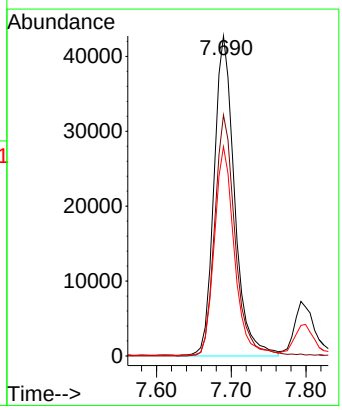


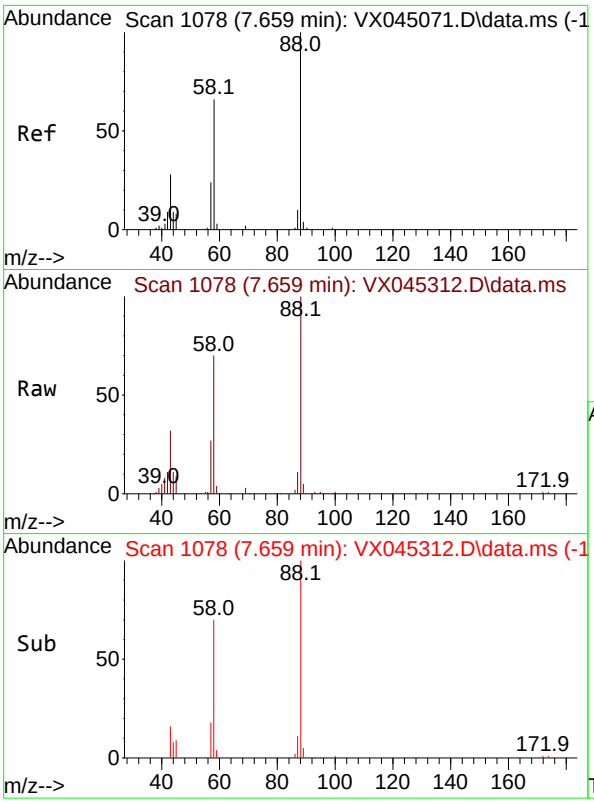


#48
Methyl methacrylate
Concen: 53.109 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 41 Resp: 81849

Ion	Ratio	Lower	Upper
41	100		
69	75.3	63.0	94.6
39	63.4	47.5	71.3



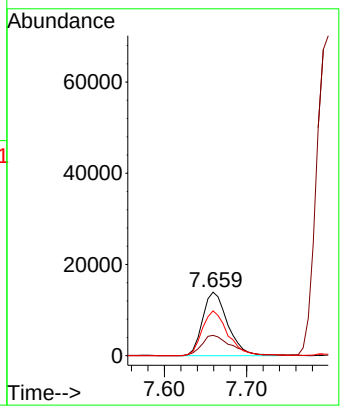


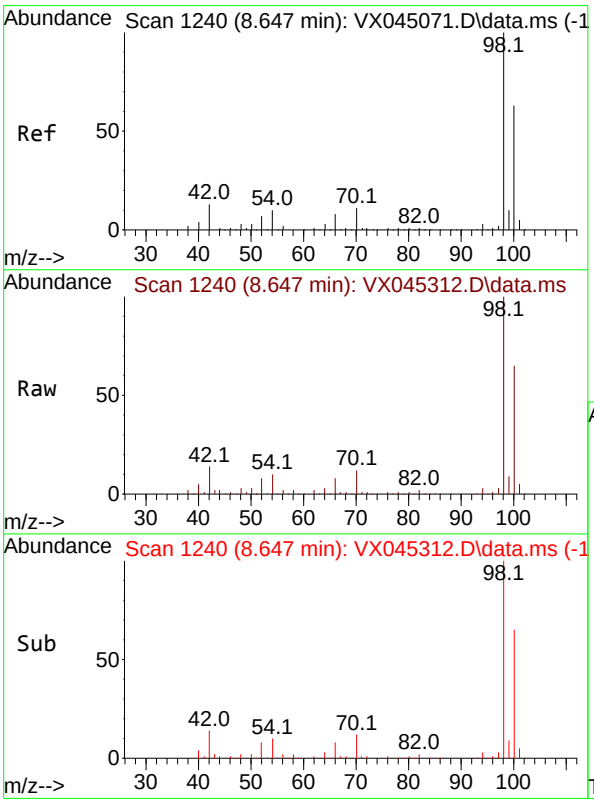
#49
1,4-Dioxane
Concen: 907.231 ug/l
RT: 7.659 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 29493

Ion	Ratio	Lower	Upper
88	100		
43	39.1	28.7	43.1
58	72.7	55.8	83.8

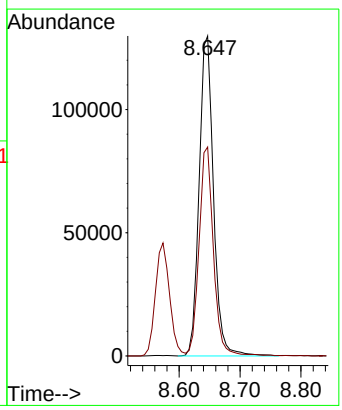


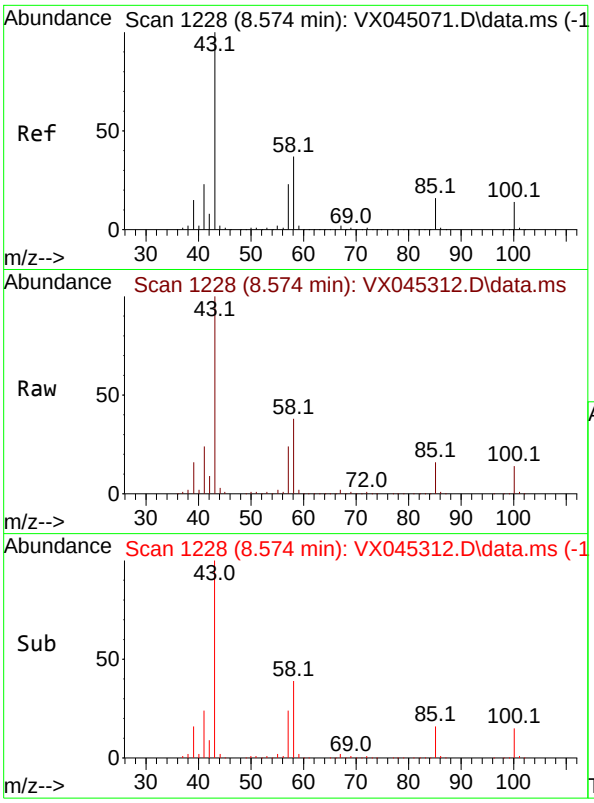


#50
Toluene-d8
Concen: 49.996 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 98 Resp: 213078

Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.0	78.0



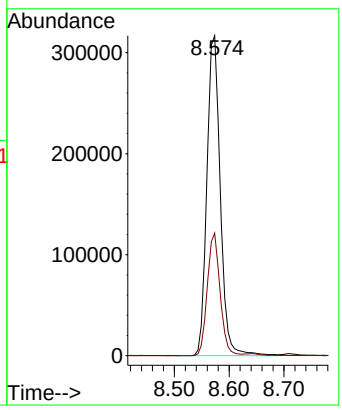


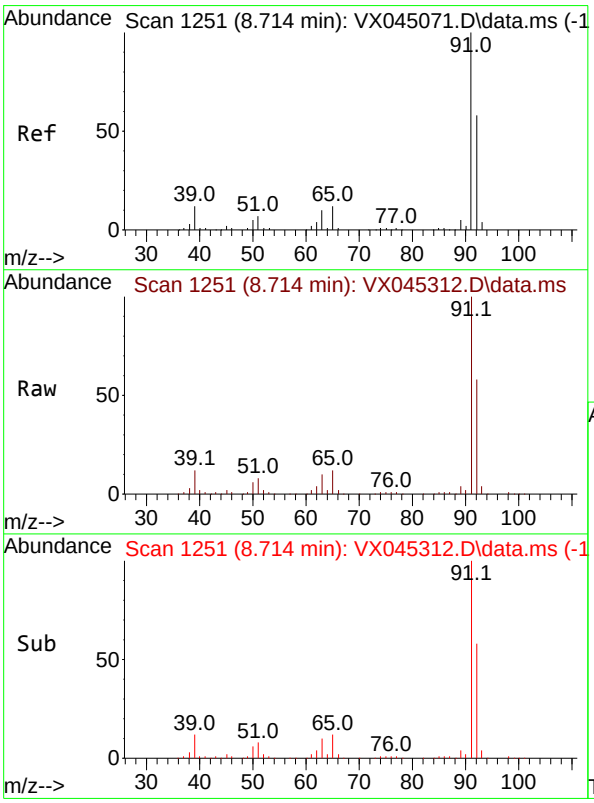
#51
4-Methyl-2-Pentanone
Concen: 259.644 ug/l
RT: 8.574 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 535545

Ion	Ratio	Lower	Upper
43	100		
58	36.6	29.2	43.8

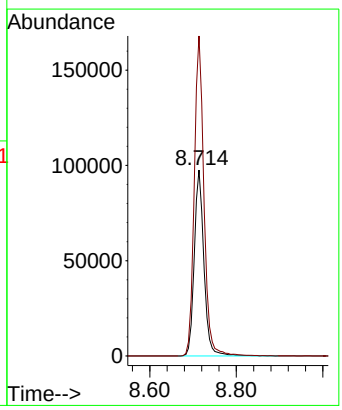


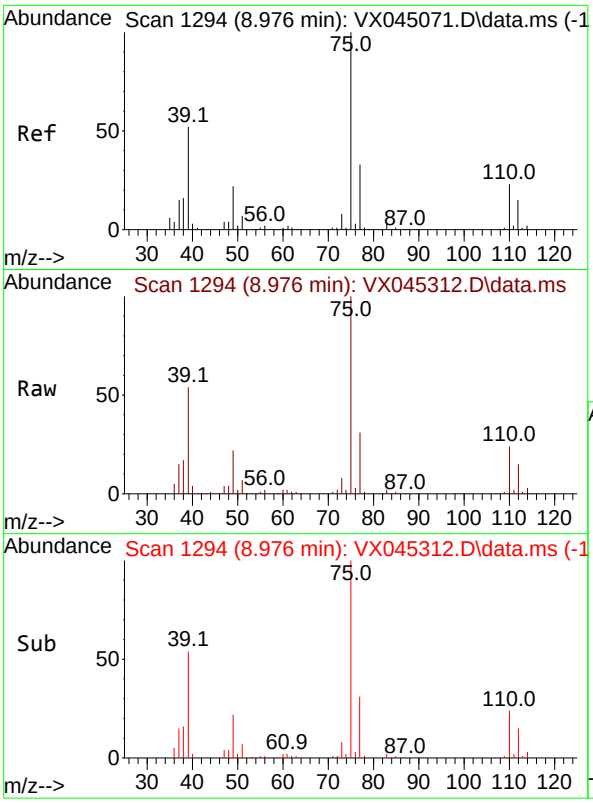


#52
Toluene
Concen: 50.515 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 92 Resp: 150886

Ion	Ratio	Lower	Upper
92	100		
91	172.7	138.9	208.3



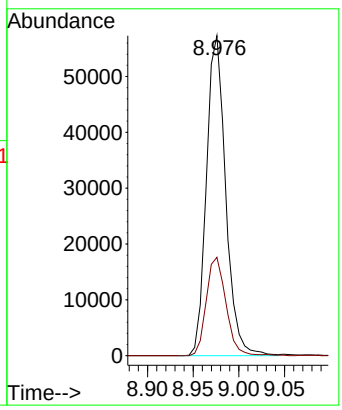


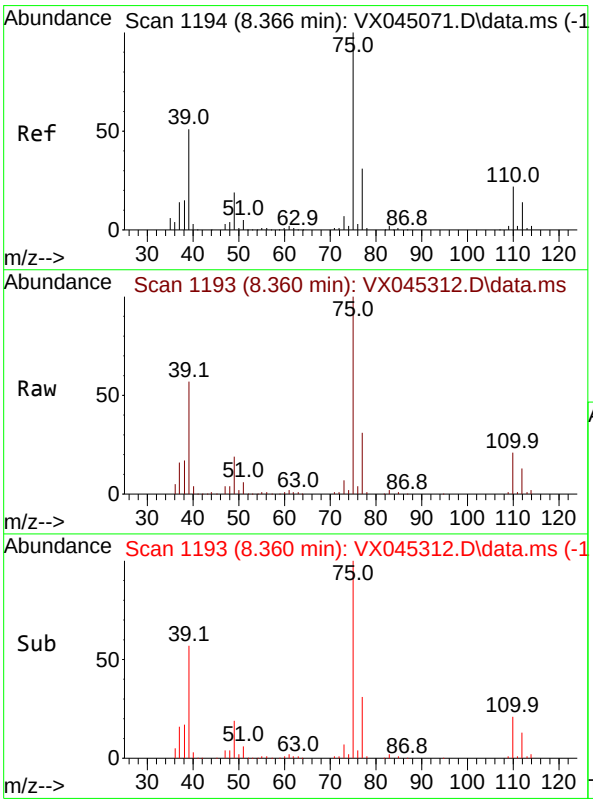
#53
t-1,3-Dichloropropene
Concen: 55.465 ug/l
RT: 8.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 84146

Ion	Ratio	Lower	Upper
75	100		
77	30.8	26.5	39.7

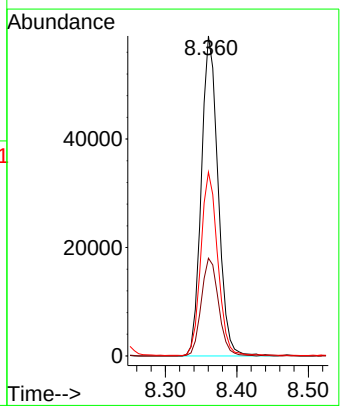


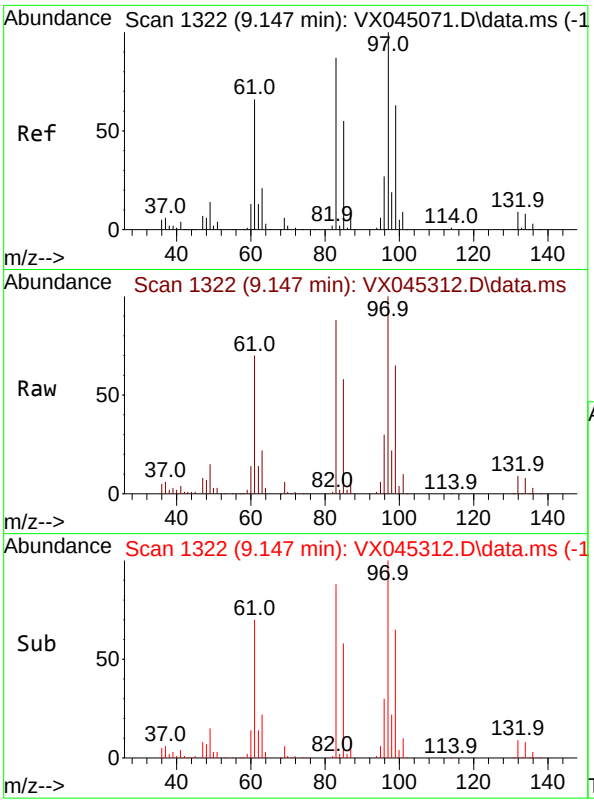


#54
cis-1,3-Dichloropropene
Concen: 54.190 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 75 Resp: 95867

Ion	Ratio	Lower	Upper
75	100		
77	30.5	24.7	37.1
39	57.3	40.7	61.1



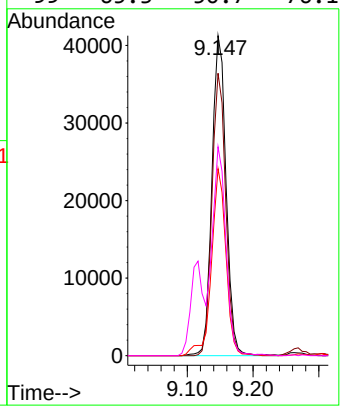


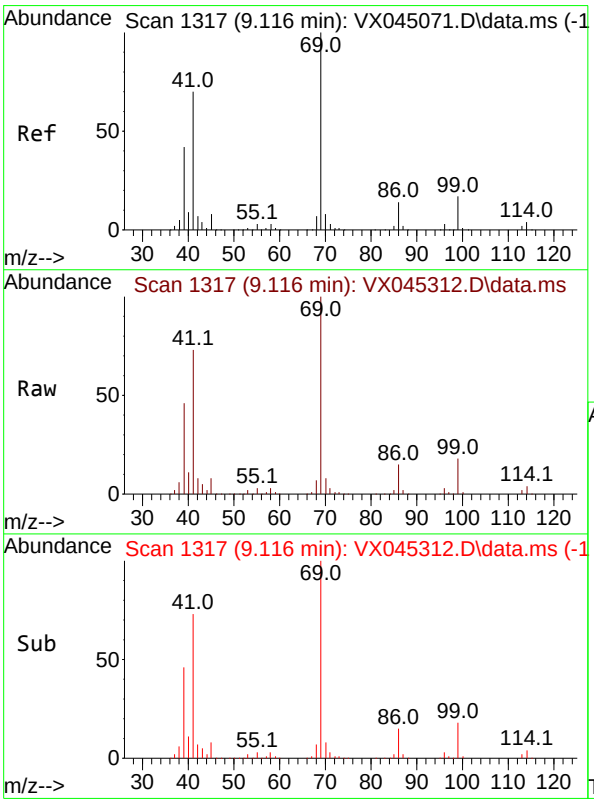
#55
1,1,2-Trichloroethane
Concen: 50.360 ug/l
RT: 9.147 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 61925

Ion	Ratio	Lower	Upper
97	100		
83	88.3	69.4	104.2
85	58.5	44.1	66.1
99	65.3	50.7	76.1

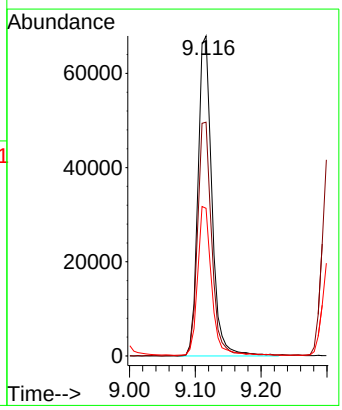


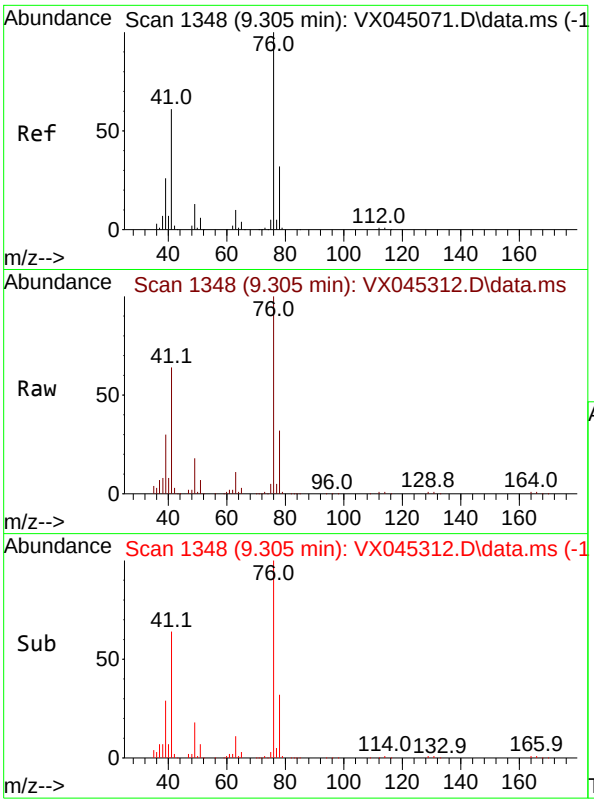


#56
Ethyl methacrylate
Concen: 53.664 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 69 Resp: 100306

Ion	Ratio	Lower	Upper
69	100		
41	74.1	57.0	85.4
39	46.7	34.2	51.4



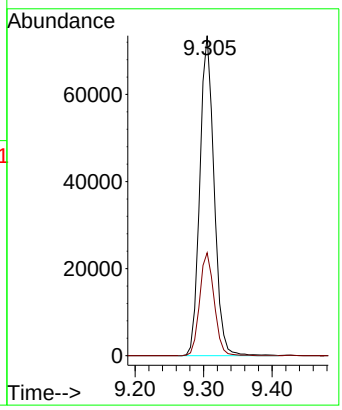


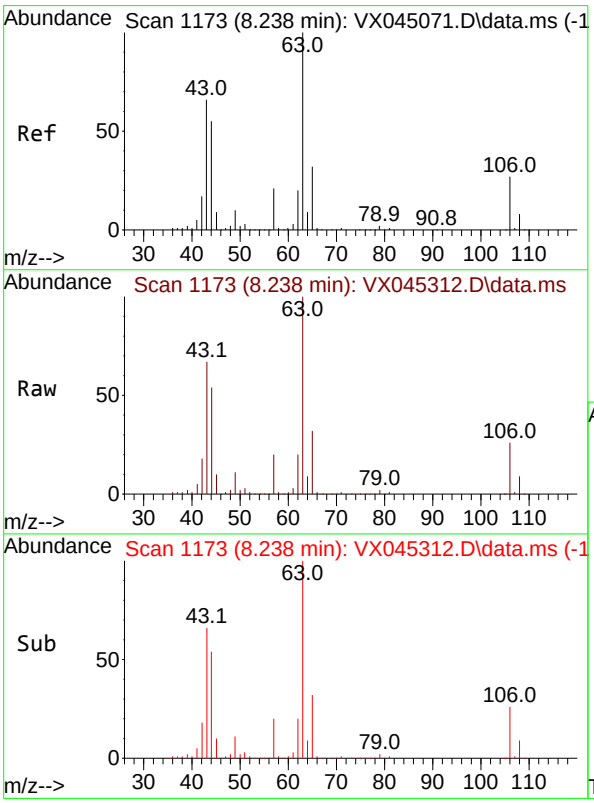
#57
1,3-Dichloropropane
Concen: 50.198 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 106823

Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.5	38.3

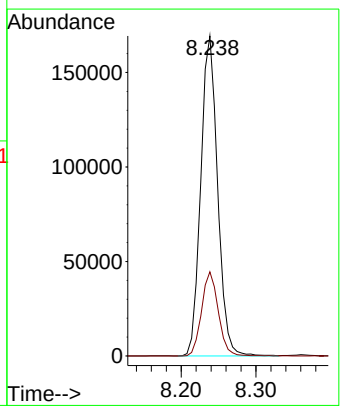


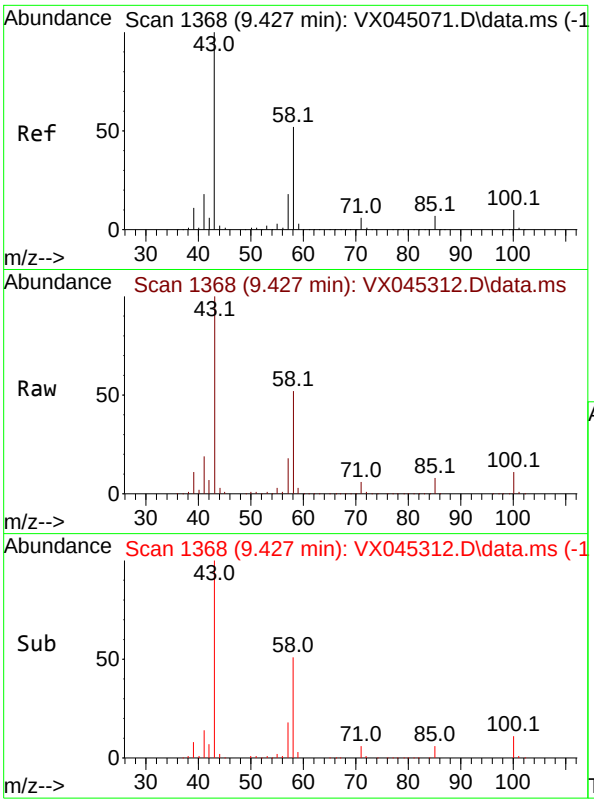


#58
2-Chloroethyl Vinyl ether
Concen: 290.649 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 63 Resp: 265011

Ion	Ratio	Lower	Upper
63	100		
106	26.0	21.5	32.3



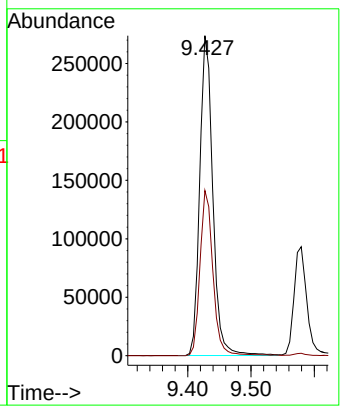


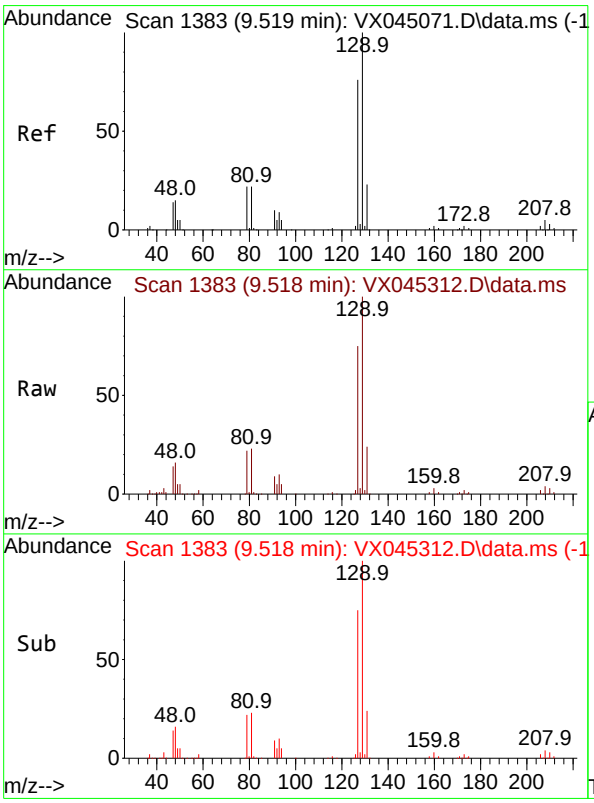
#59
2-Hexanone
Concen: 263.820 ug/l
RT: 9.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 394266

Ion	Ratio	Lower	Upper
43	100		
58	51.3	25.9	77.6

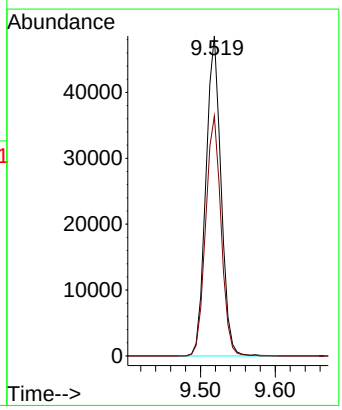


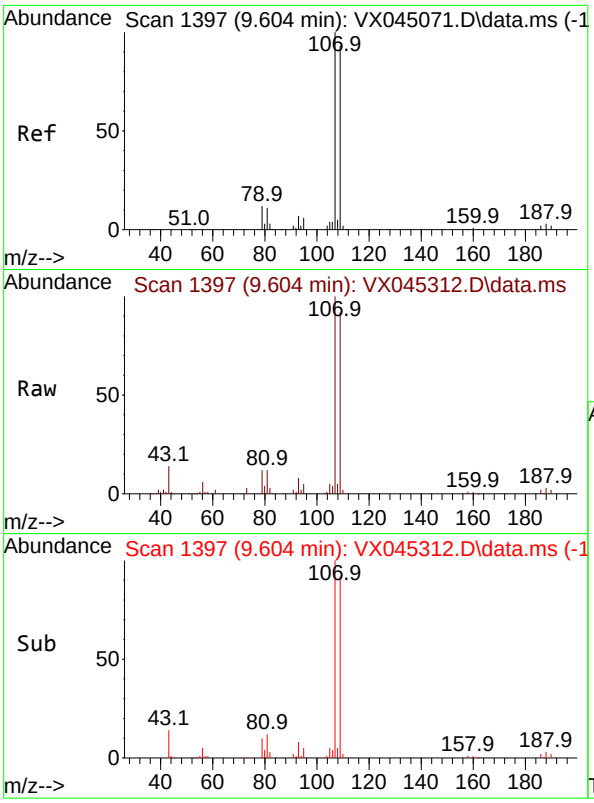


#60
Dibromochloromethane
Concen: 53.043 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion:129 Resp: 68198

Ion	Ratio	Lower	Upper
129	100		
127	76.5	38.5	115.5



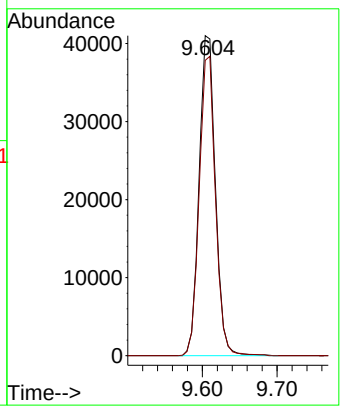


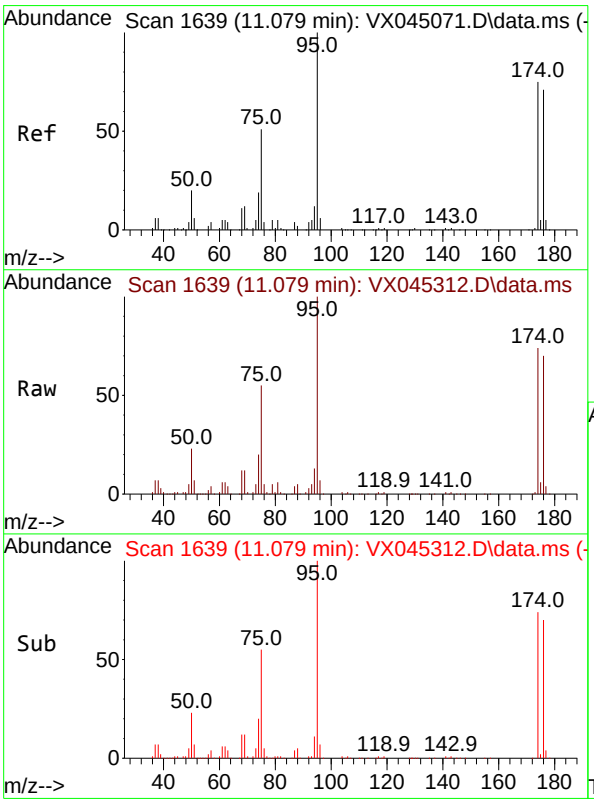
#61
1,2-Dibromoethane
Concen: 50.415 ug/l
RT: 9.604 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 61888

Ion	Ratio	Lower	Upper
107	100		
109	93.5	76.1	114.1

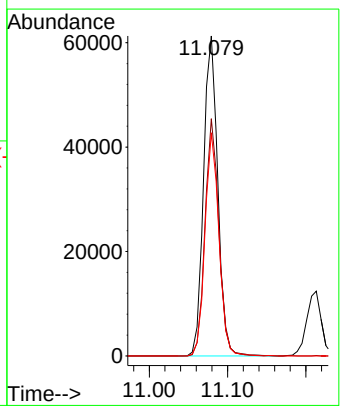


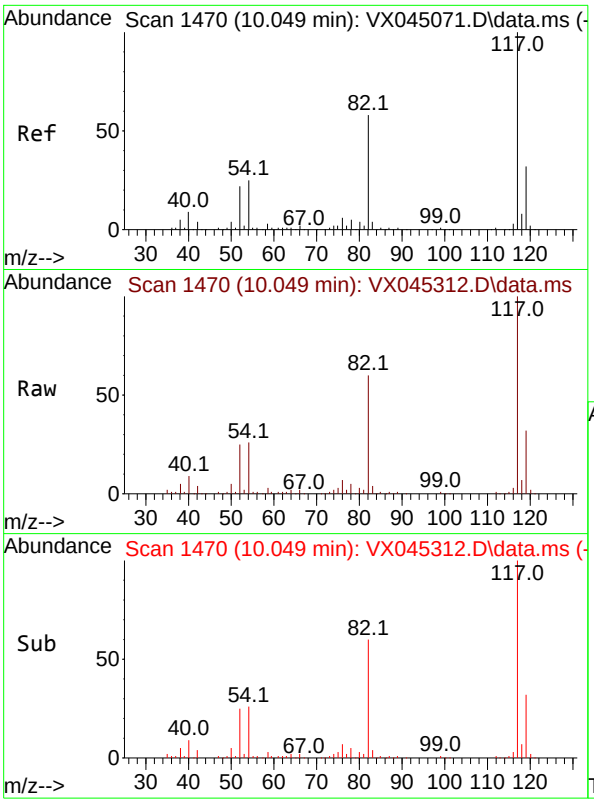


#62
4-Bromofluorobenzene
Concen: 54.557 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 95 Resp: 77049

Ion	Ratio	Lower	Upper
95	100		
174	72.3	0.0	148.2
176	68.3	0.0	141.4



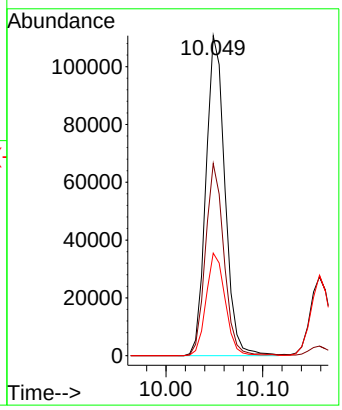


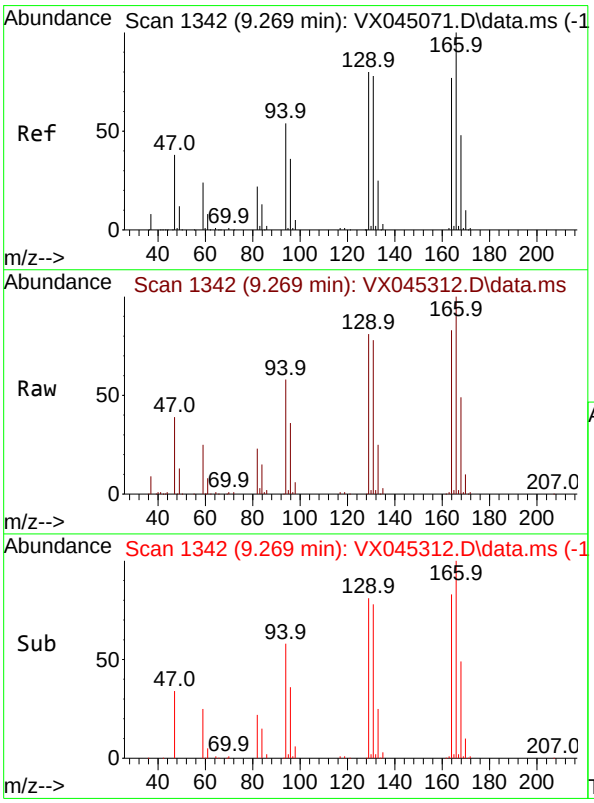
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 151375

Ion	Ratio	Lower	Upper
117	100		
82	60.0	46.3	69.5
119	32.0	25.7	38.5

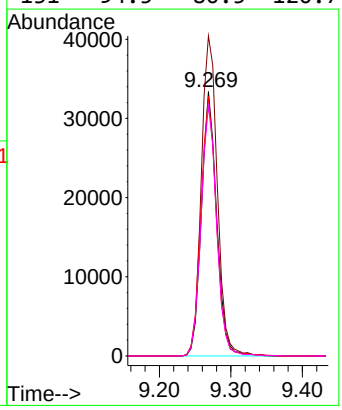


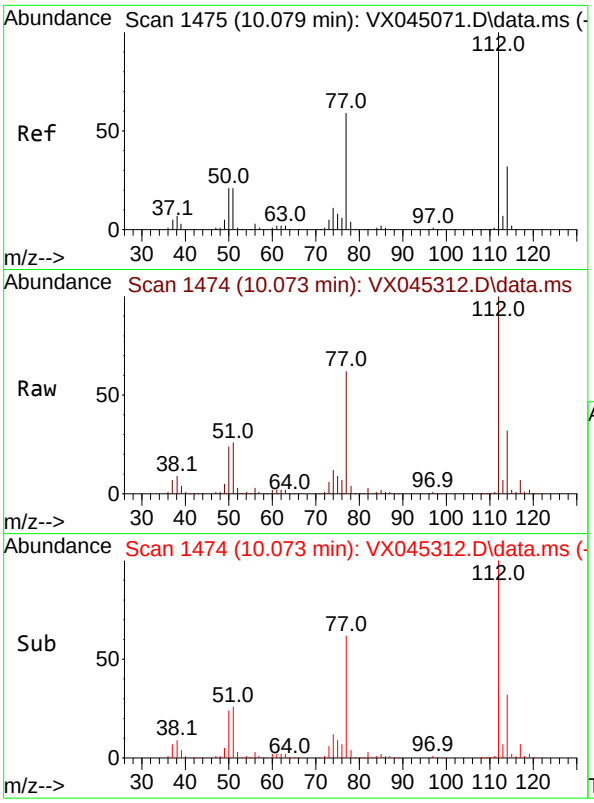


#64
Tetrachloroethene
Concen: 51.098 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion:164 Resp: 49539

Ion	Ratio	Lower	Upper
164	100		
166	121.1	103.6	155.4
129	98.2	82.7	124.1
131	94.5	80.5	120.7



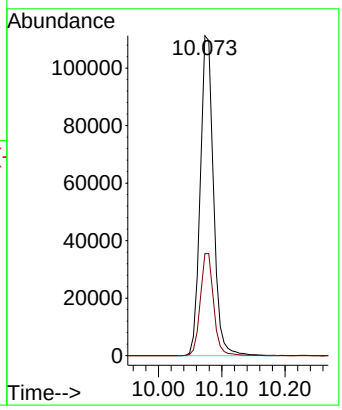


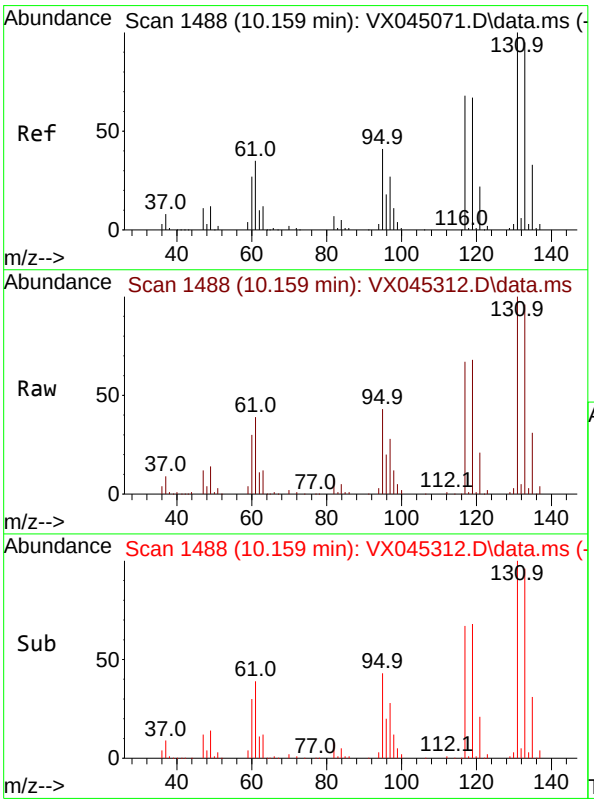
#65
Chlorobenzene
Concen: 50.822 ug/l
RT: 10.073 min Scan# 14
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 162786

Ion	Ratio	Lower	Upper
112	100		
114	31.9	26.0	39.0

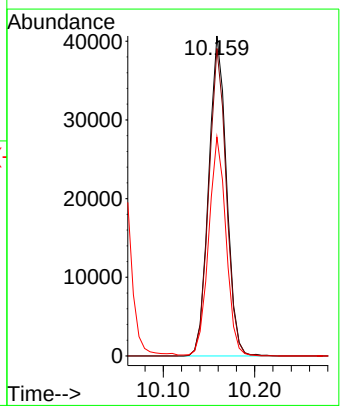


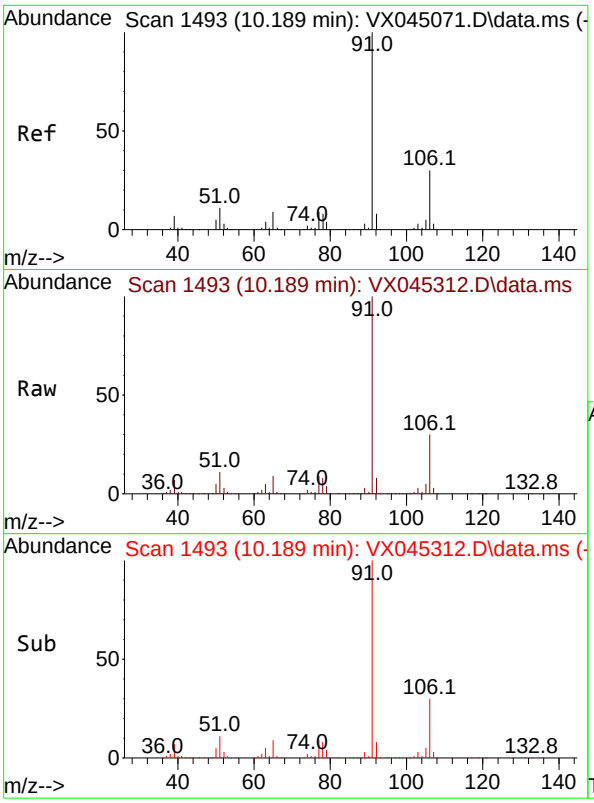


#66
1,1,1,2-Tetrachloroethane
Concen: 51.552 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion:131 Resp: 54990

Ion	Ratio	Lower	Upper
131	100		
133	94.6	48.6	145.9
119	66.7	33.9	101.7



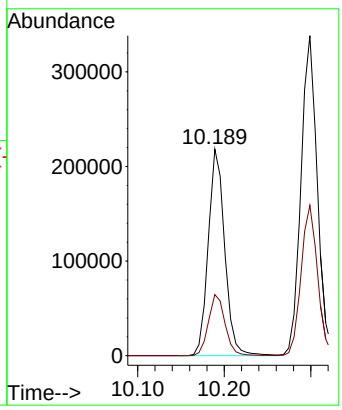


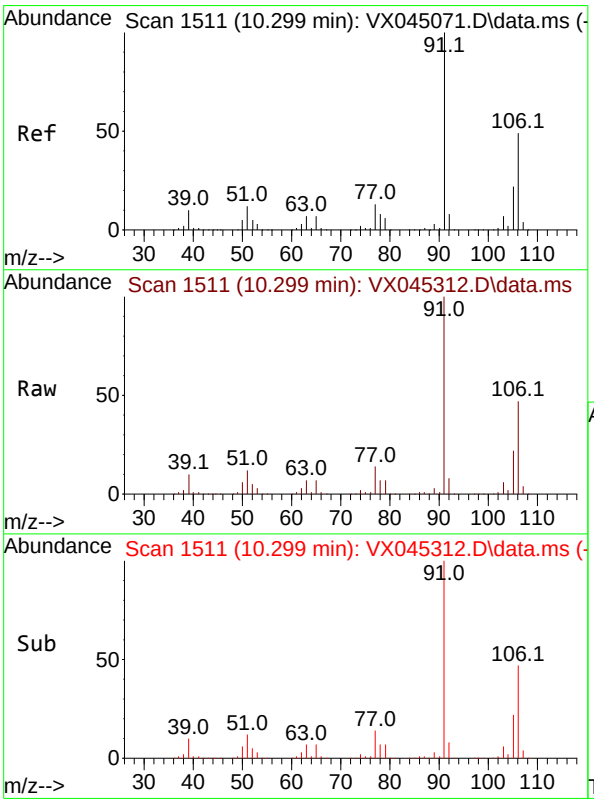
#67
Ethyl Benzene
Concen: 51.743 ug/l
RT: 10.189 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 288783

Ion	Ratio	Lower	Upper
91	100		
106	29.6	23.9	35.9

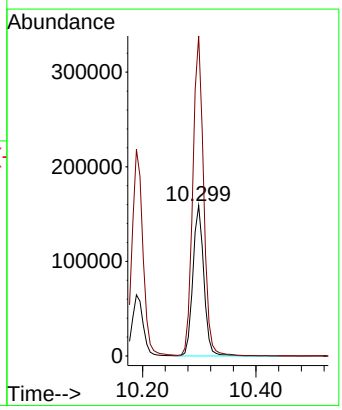


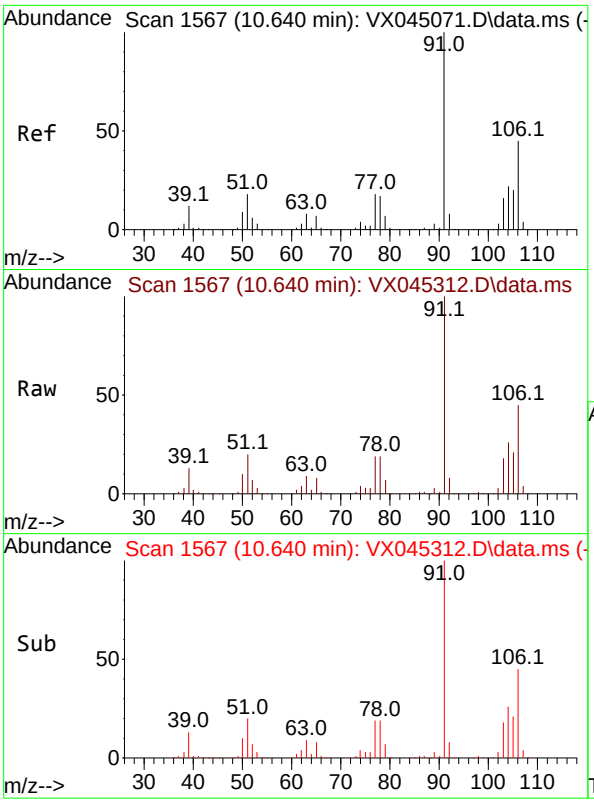


#68
m/p-Xylenes
Concen: 104.167 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion:106 Resp: 212826

Ion	Ratio	Lower	Upper
106	100		
91	210.5	165.4	248.0



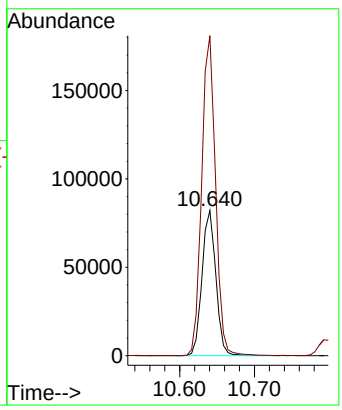


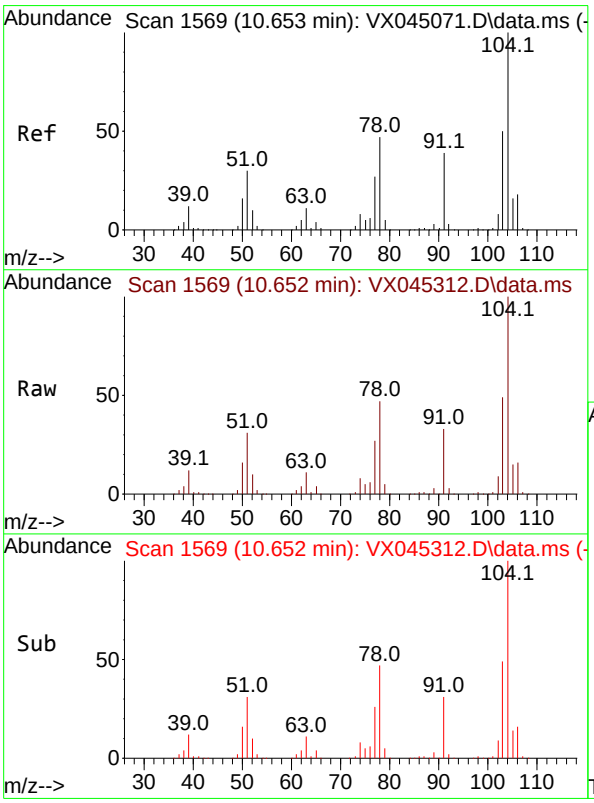
#69
o-Xylene
Concen: 51.291 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 105690

Ion	Ratio	Lower	Upper
106	100		
91	220.8	109.9	329.6

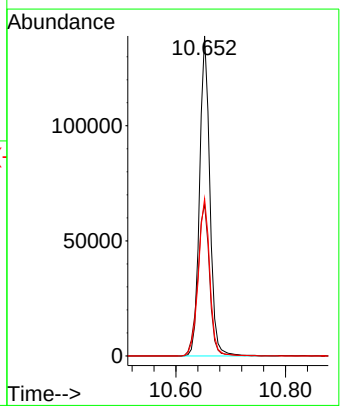


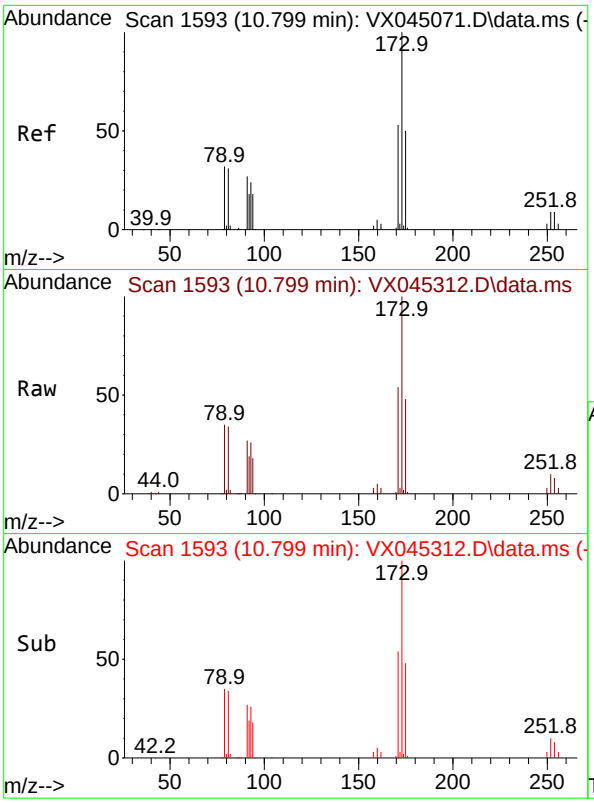


#70
Styrene
Concen: 54.166 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion:104 Resp: 180599

Ion	Ratio	Lower	Upper
104	100		
78	54.4	42.2	63.4
103	55.0	43.8	65.8



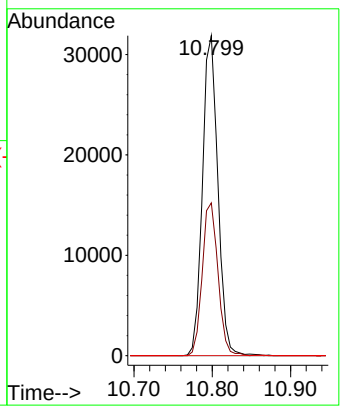


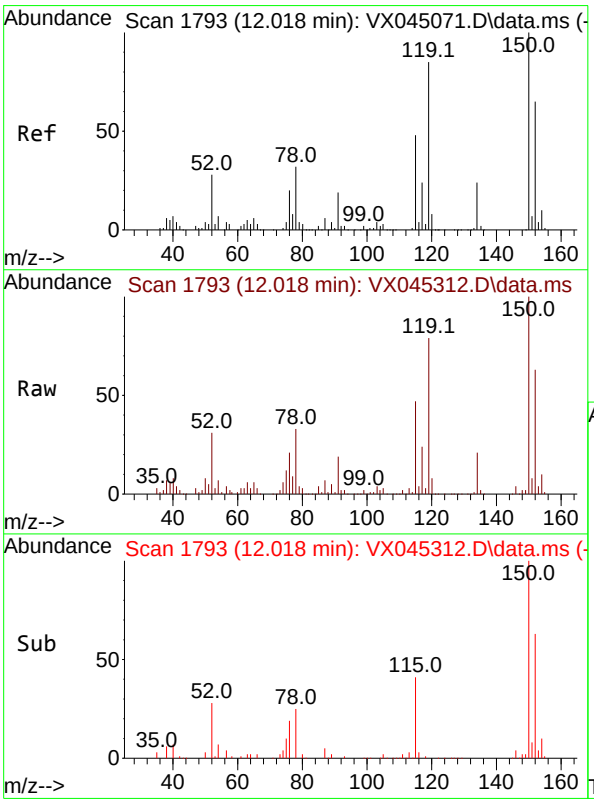
#71
Bromoform
Concen: 54.084 ug/l
RT: 10.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 43504

Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.6	73.6
254	0.0	0.0	0.0

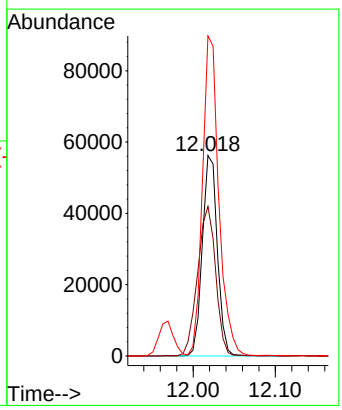


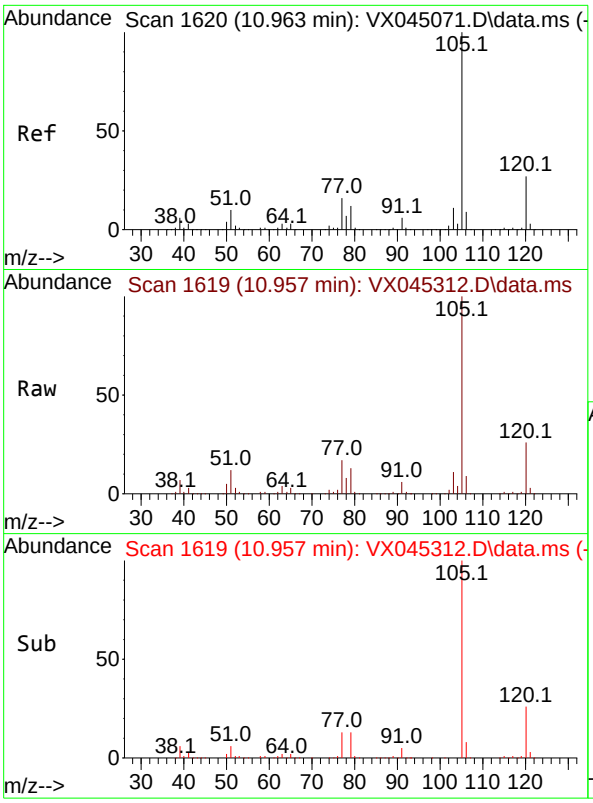


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion:152 Resp: 71356

Ion	Ratio	Lower	Upper
152	100		
115	89.8	44.2	132.6
150	173.0	0.0	349.0



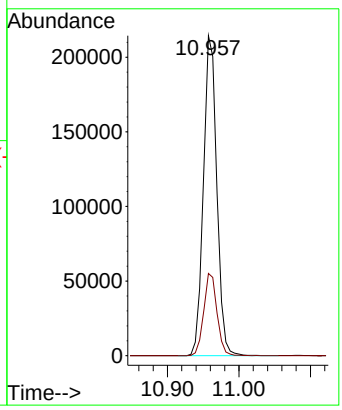


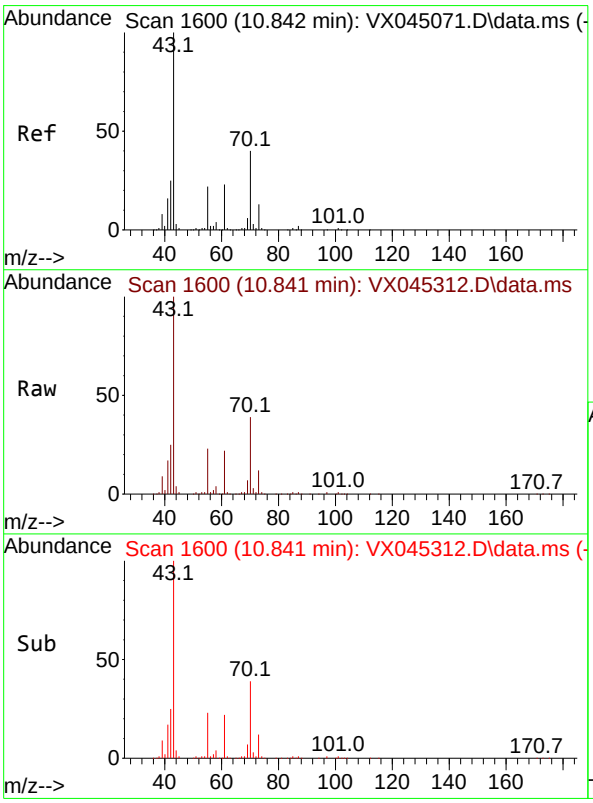
#73
Isopropylbenzene
Concen: 50.023 ug/l
RT: 10.957 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 278606

Ion	Ratio	Lower	Upper
105	100		
120	25.5	13.2	39.5

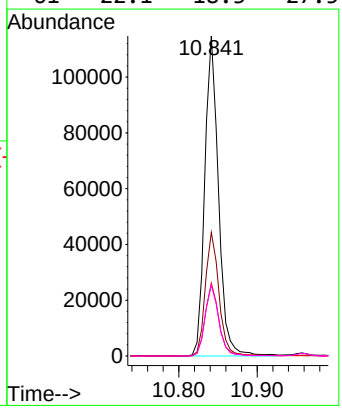


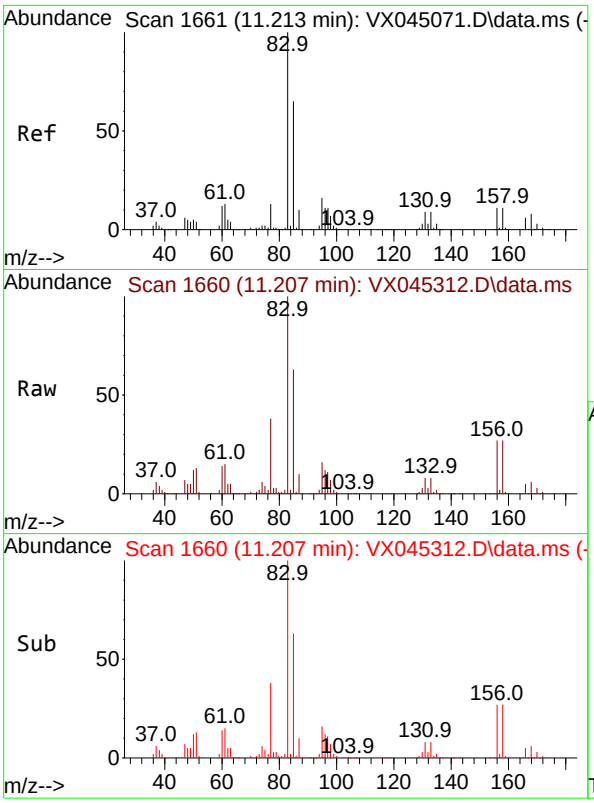


#74
N-amyl acetate
Concen: 53.226 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 43 Resp: 139101

Ion	Ratio	Lower	Upper
43	100		
70	38.5	31.8	47.6
55	22.9	18.3	27.5
61	22.1	18.3	27.5



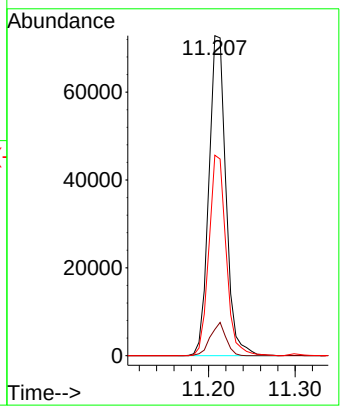


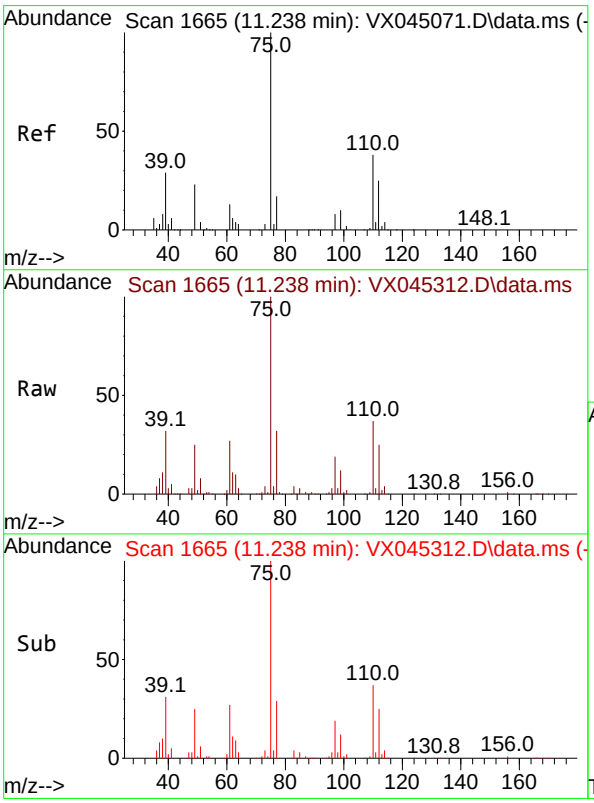
#75
1,1,2,2-Tetrachloroethane
Concen: 48.809 ug/l
RT: 11.207 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 99756

Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.5	13.4
85	62.9	31.7	95.1

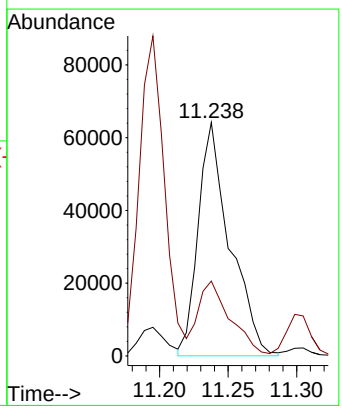


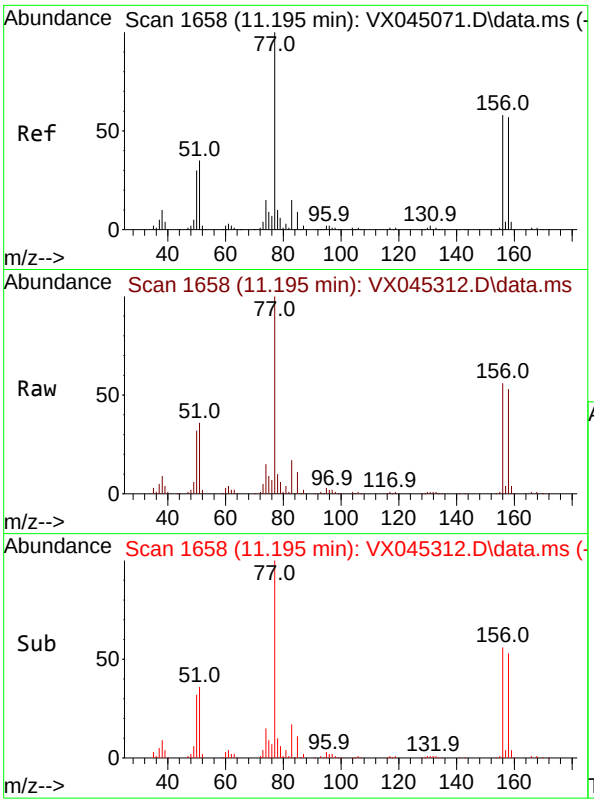


#76
1,2,3-Trichloropropane
Concen: 62.422 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 75 Resp: 103671

Ion	Ratio	Lower	Upper
75	100		
77	32.6	20.7	62.1



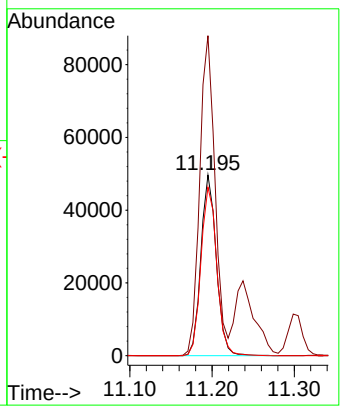


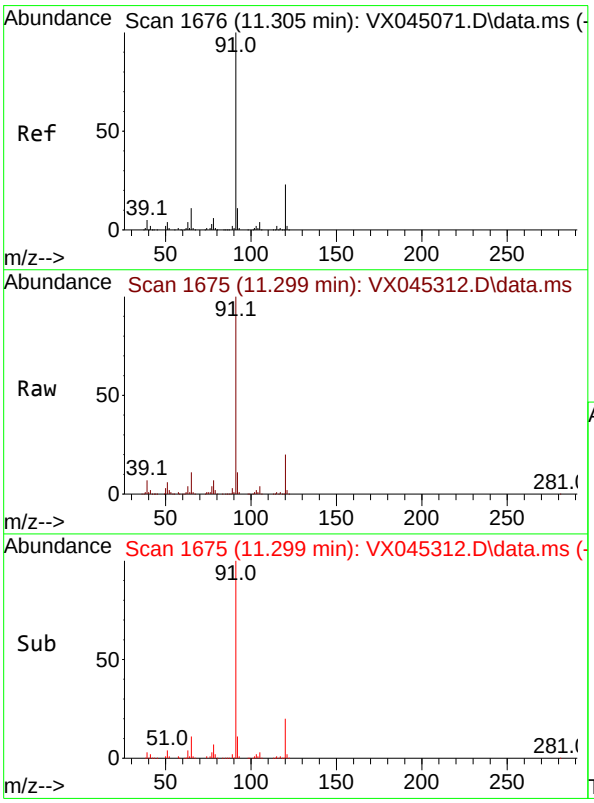
#77
Bromobenzene
Concen: 49.150 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 64588

Ion	Ratio	Lower	Upper
156	100		
77	176.3	85.8	257.4
158	96.1	48.4	145.2

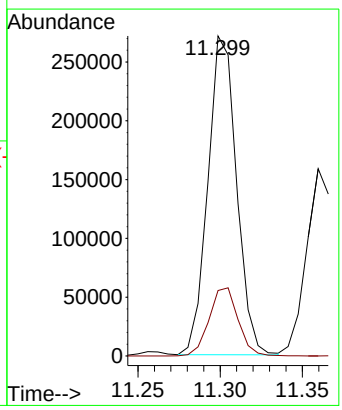


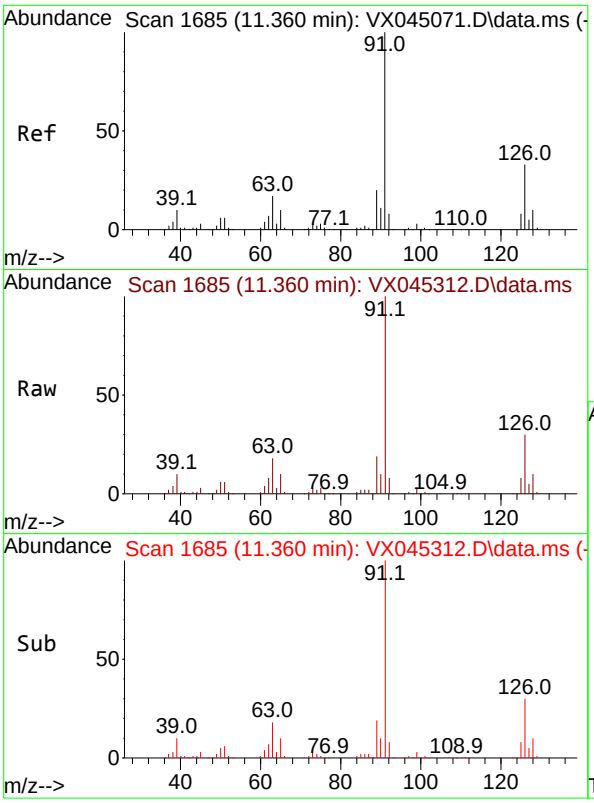


#78
n-propylbenzene
Concen: 52.338 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 91 Resp: 329285

Ion	Ratio	Lower	Upper
91	100		
120	21.6	11.2	33.6



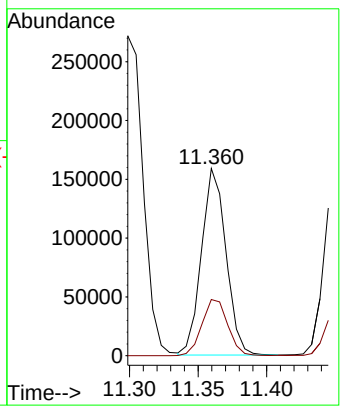


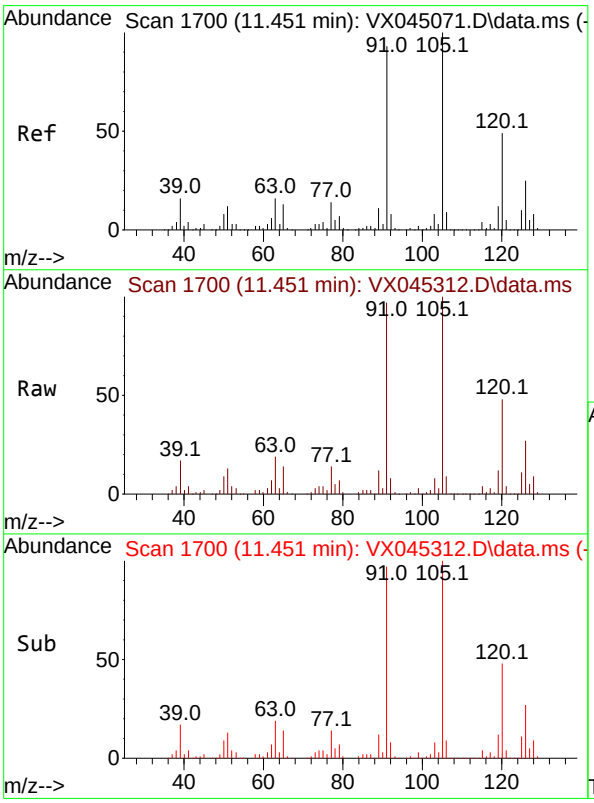
#79
2-Chlorotoluene
Concen: 49.301 ug/l
RT: 11.360 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 197543

Ion	Ratio	Lower	Upper
91	100		
126	31.8	16.4	49.4

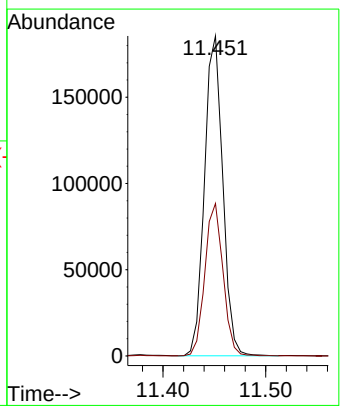


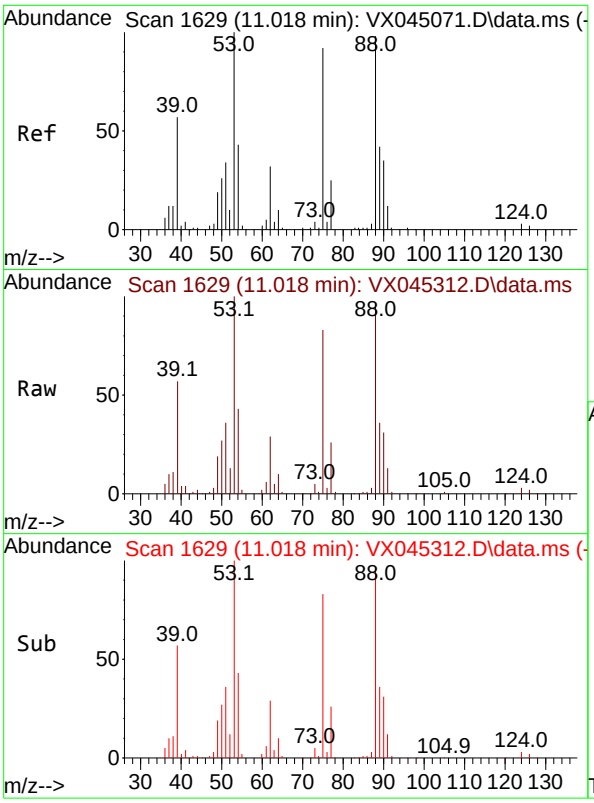


#80
1,3,5-Trimethylbenzene
Concen: 50.984 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion:105 Resp: 229603

Ion	Ratio	Lower	Upper
105	100		
120	47.6	24.1	72.2



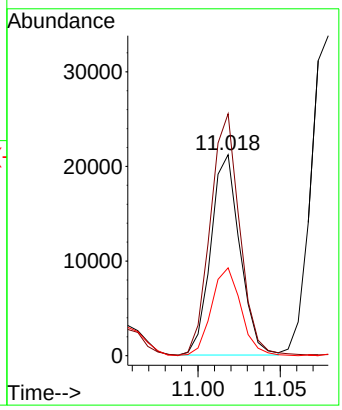


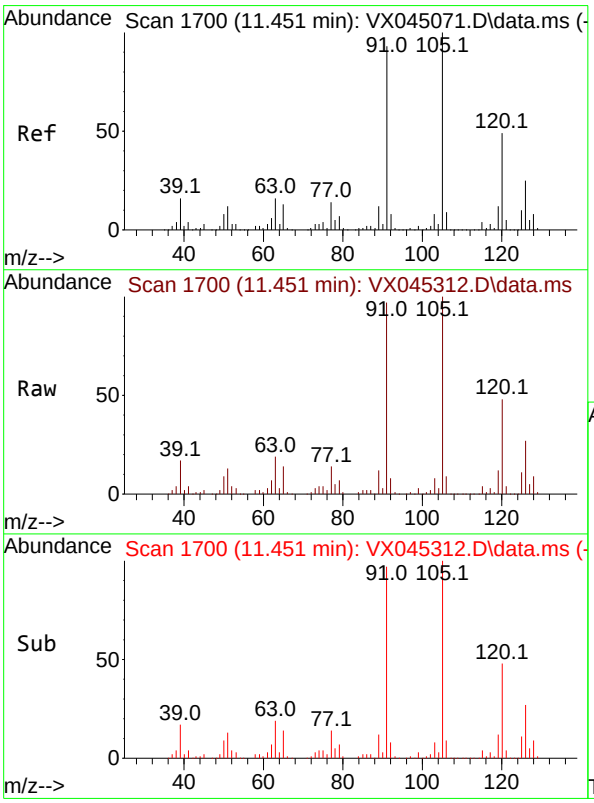
#81
trans-1,4-Dichloro-2-butene
Concen: 53.737 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 26079

Ion	Ratio	Lower	Upper
75	100		
53	122.5	88.5	132.7
89	44.5	36.2	54.4

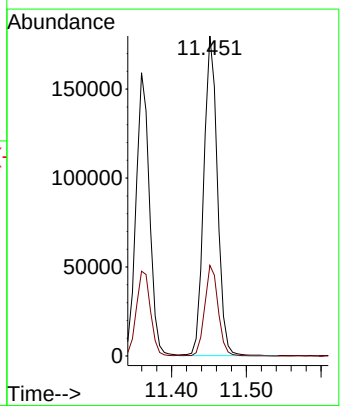


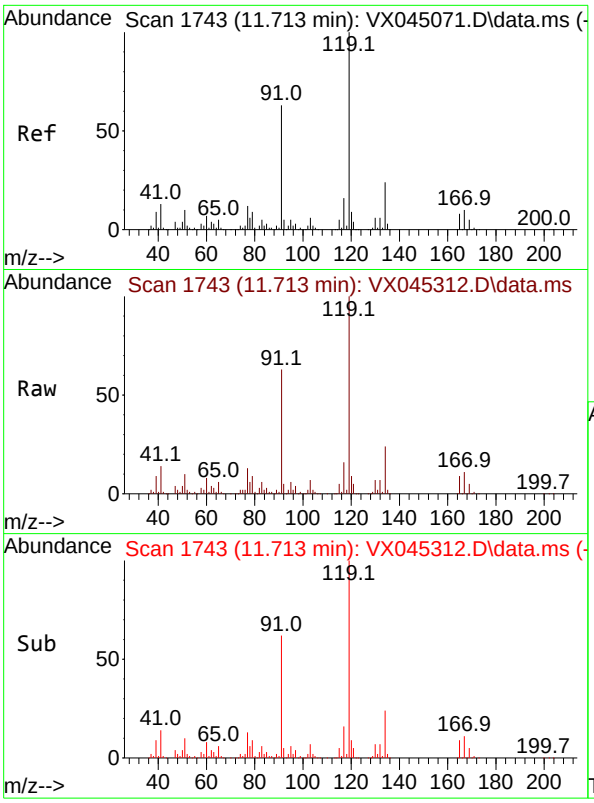


#82
4-Chlorotoluene
Concen: 51.902 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 91 Resp: 226650

Ion	Ratio	Lower	Upper
91	100		
126	28.2	14.1	42.4



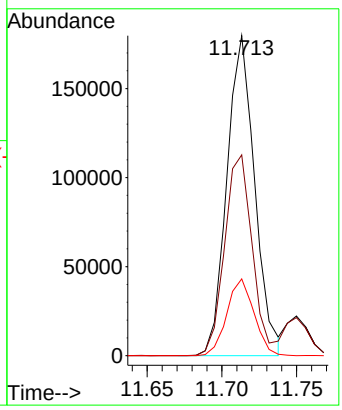


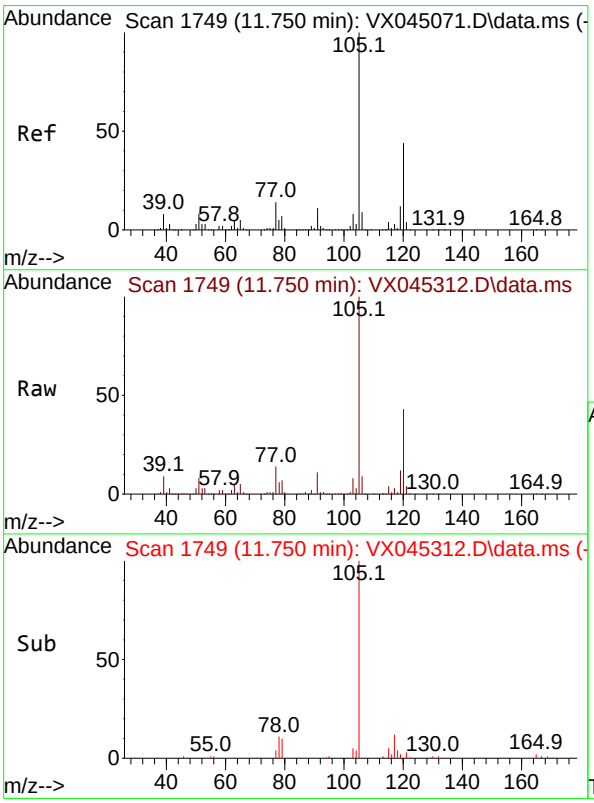
#83
tert-Butylbenzene
Concen: 50.249 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 232507

Ion	Ratio	Lower	Upper
119	100		
91	61.8	30.7	92.1
134	23.5	11.7	35.0

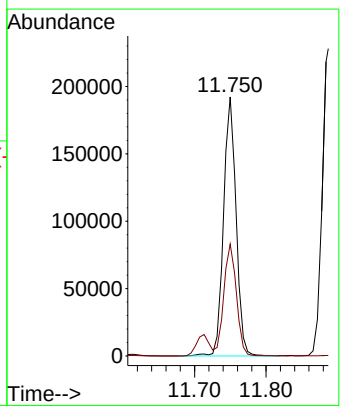


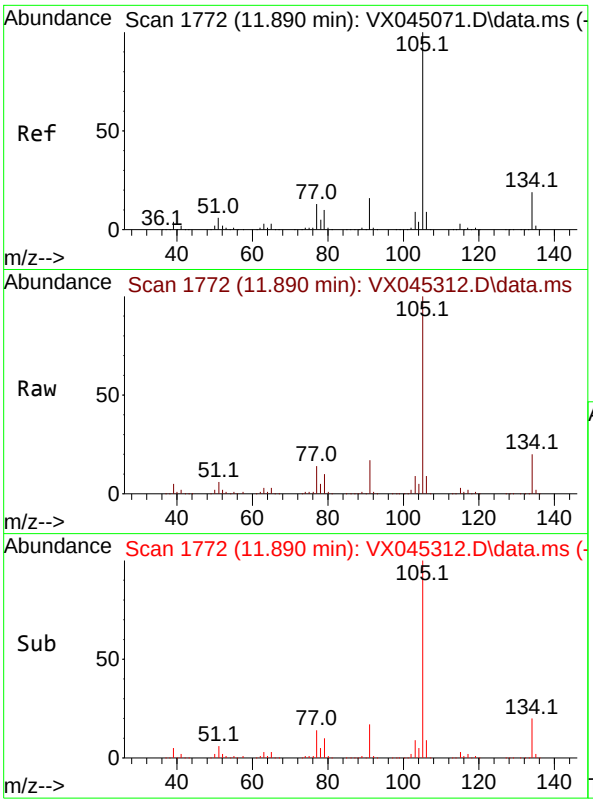


#84
1,2,4-Trimethylbenzene
Concen: 51.705 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion:105 Resp: 234292

Ion	Ratio	Lower	Upper
105	100		
120	43.4	22.1	66.1



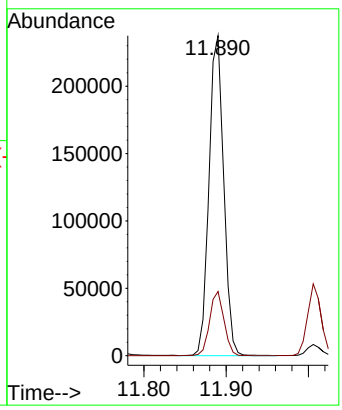


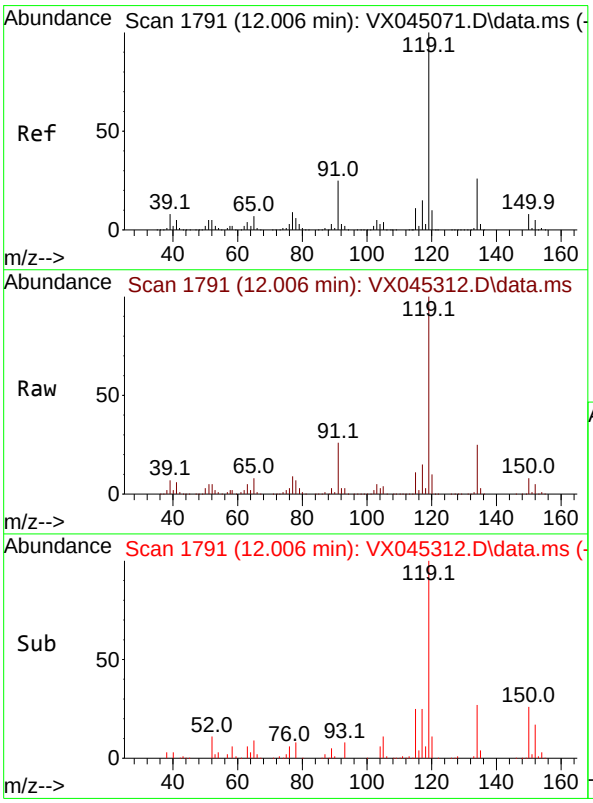
#85
sec-Butylbenzene
Concen: 53.254 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 295168

Ion	Ratio	Lower	Upper
105	100		
134	19.6	9.8	29.4

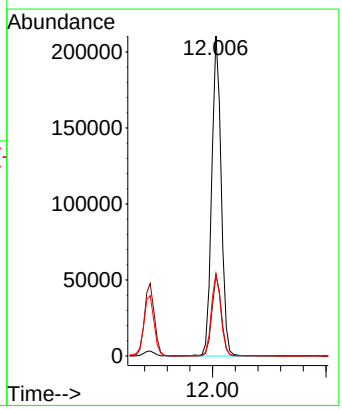


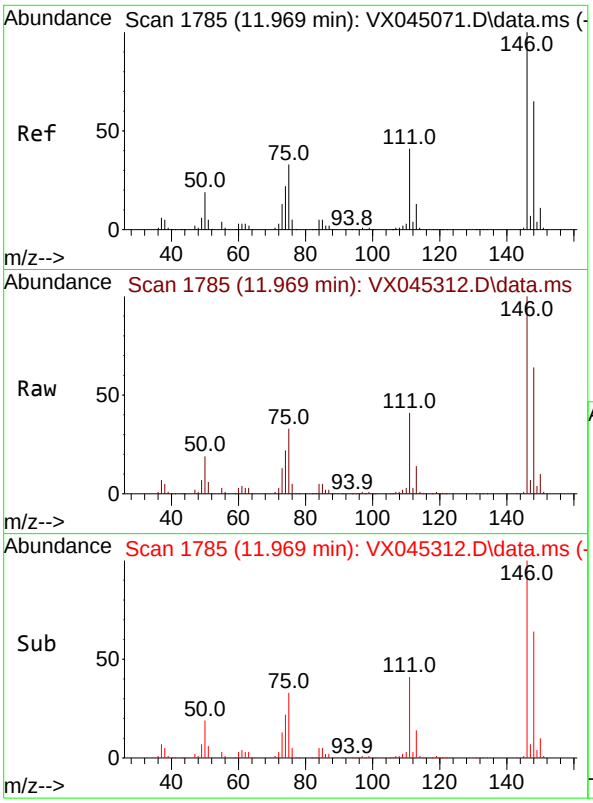


#86
p-Isopropyltoluene
Concen: 54.417 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion:119 Resp: 243748

Ion	Ratio	Lower	Upper
119	100		
134	25.1	12.9	38.6
91	25.9	12.7	38.0



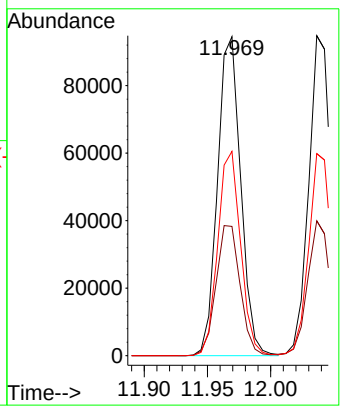


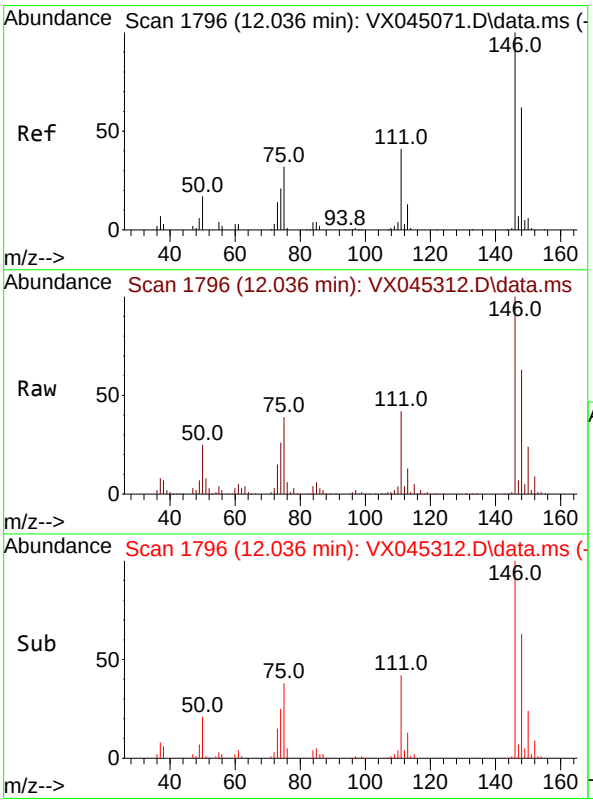
#87
1,3-Dichlorobenzene
Concen: 51.323 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 120314

Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.1	63.4
148	63.2	31.9	95.7

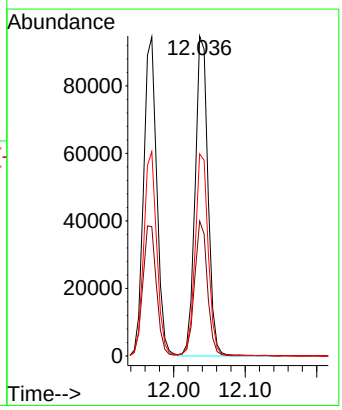


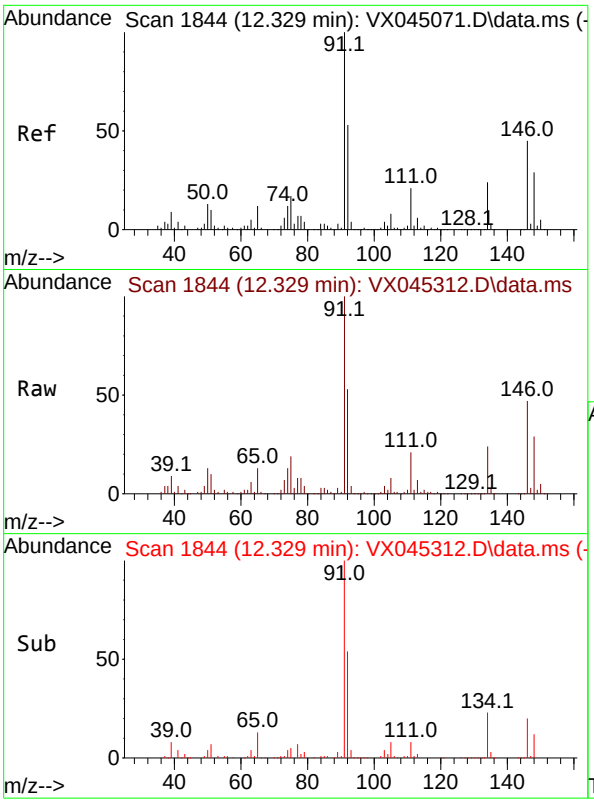


#88
1,4-Dichlorobenzene
Concen: 49.875 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion:146 Resp: 118289

Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.2	60.5
148	64.1	31.9	95.9



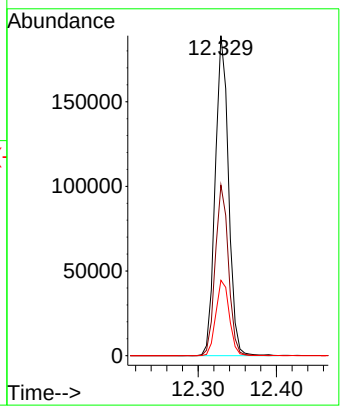


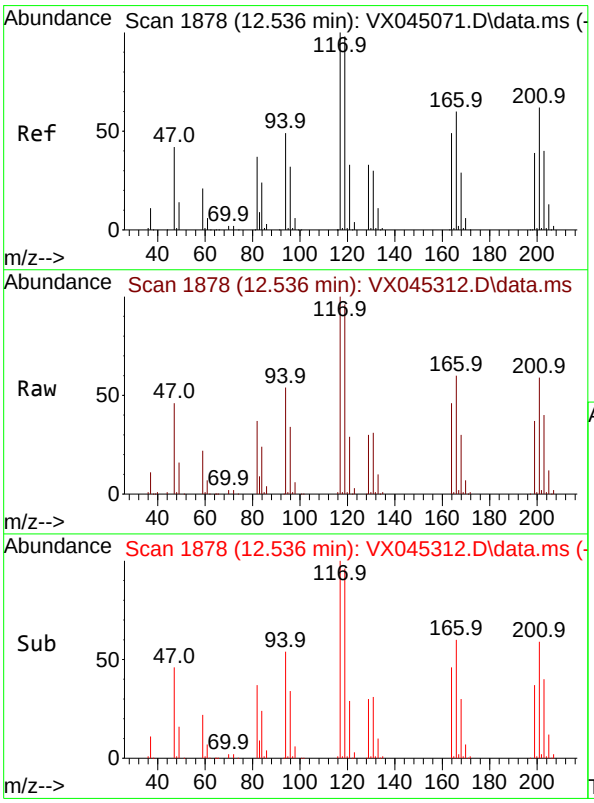
#89
n-Butylbenzene
Concen: 57.938 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 223520

Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.7	80.0
134	23.9	12.2	36.6

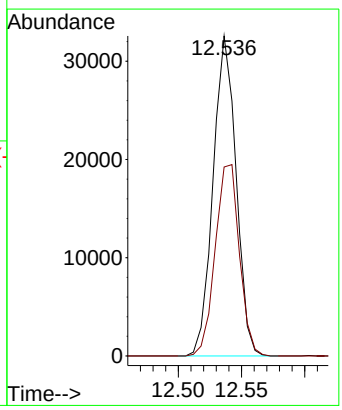


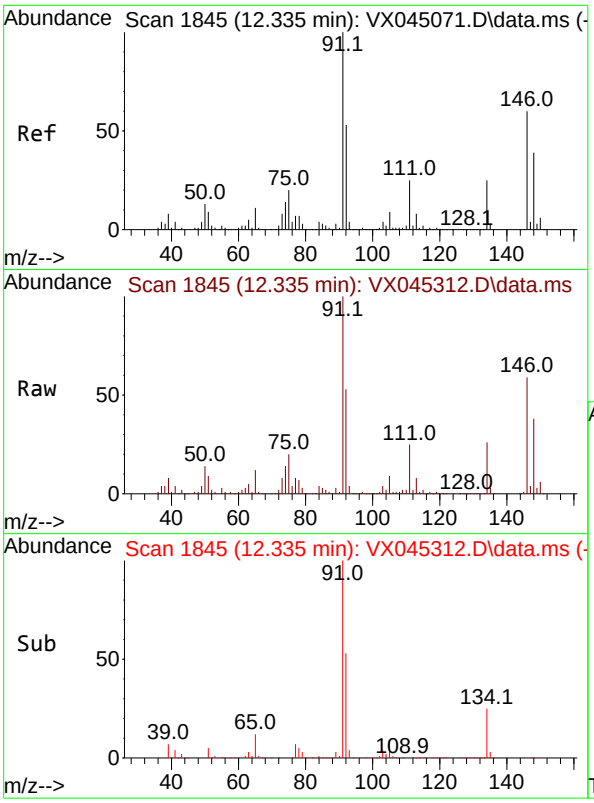


#90
Hexachloroethane
Concen: 50.780 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion:117 Resp: 41142

Ion	Ratio	Lower	Upper
117	100		
201	63.0	31.9	95.9



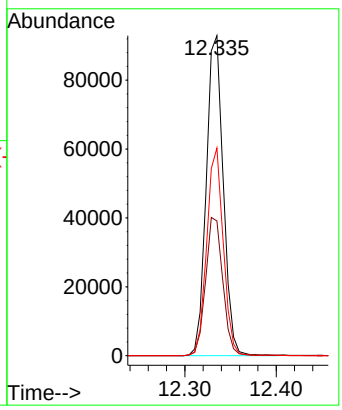


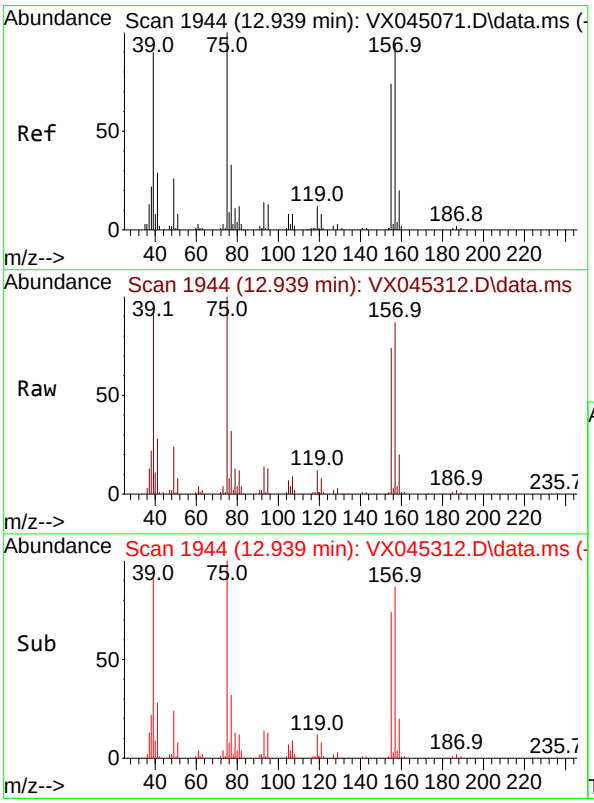
#91
1,2-Dichlorobenzene
Concen: 50.826 ug/l
RT: 12.335 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 119524

Ion	Ratio	Lower	Upper
146	100		
111	43.8	21.6	65.0
148	63.2	31.9	95.9

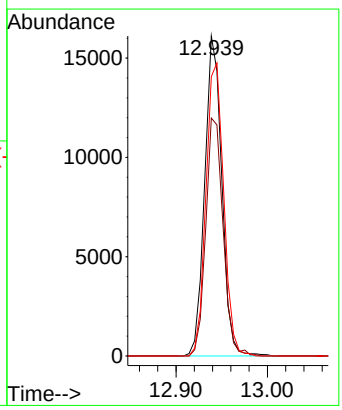


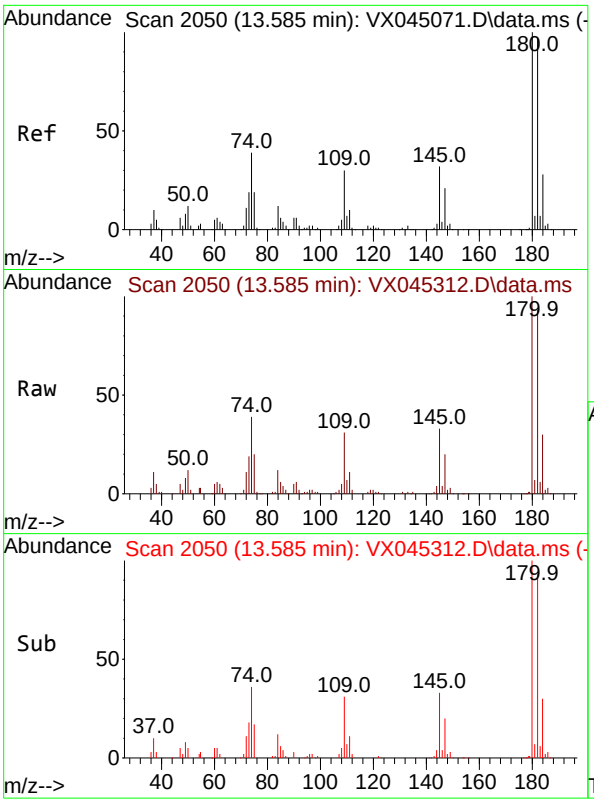


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.623 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 75 Resp: 20953

Ion	Ratio	Lower	Upper
75	100		
155	75.3	39.6	118.7
157	95.0	51.1	153.4



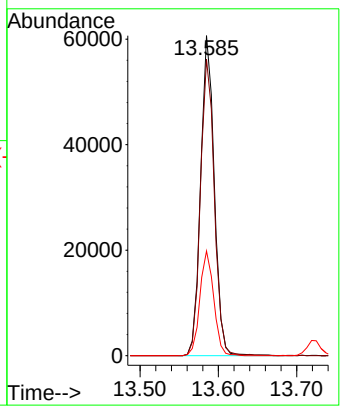


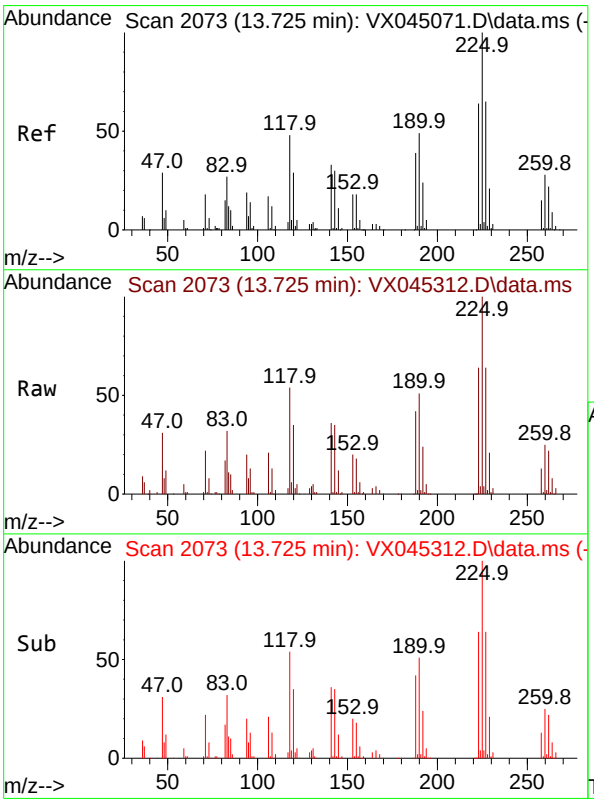
#93
1,2,4-Trichlorobenzene
Concen: 54.660 ug/l
RT: 13.585 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 73192

Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.3	141.9
145	33.2	16.3	48.9

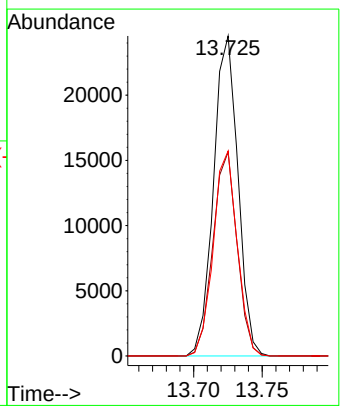


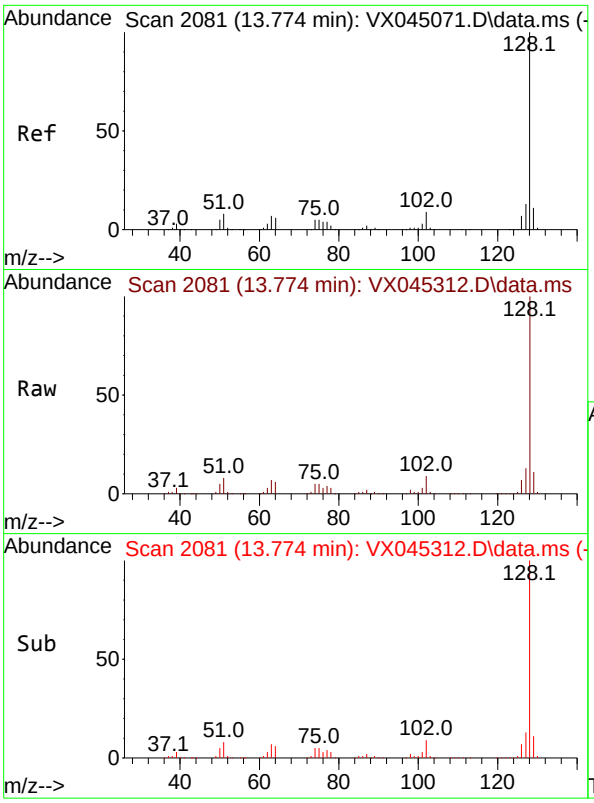


#94
Hexachlorobutadiene
Concen: 55.325 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion:225 Resp: 30372

Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.9	95.7
227	62.9	31.4	94.0



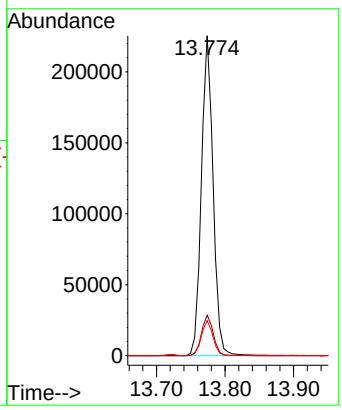


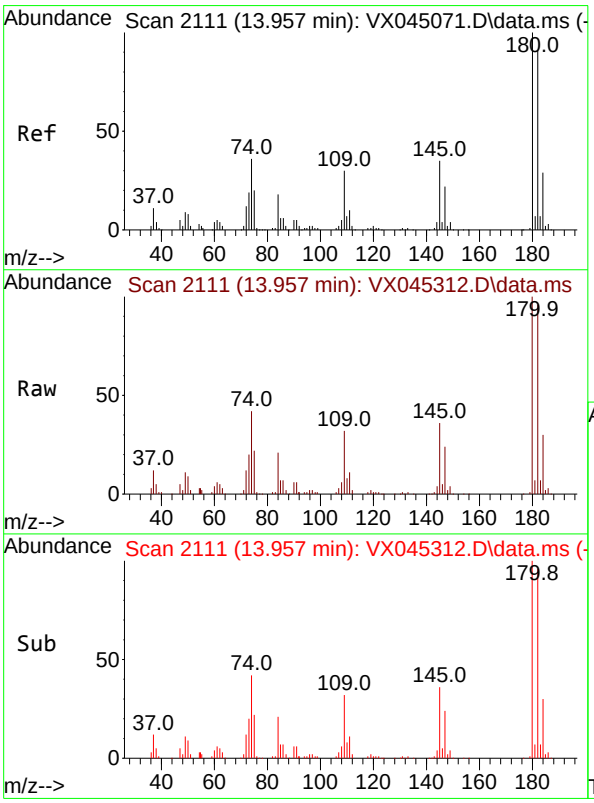
#95
Naphthalene
Concen: 52.139 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 268238

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.9	8.7	13.1

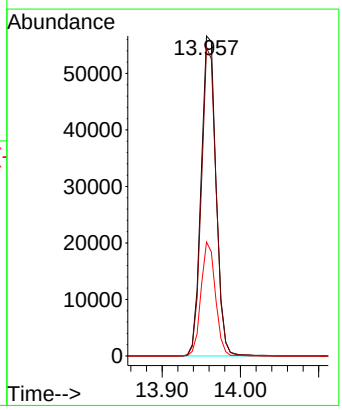




#96
1,2,3-Trichlorobenzene
Concen: 52.979 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion:180 Resp: 74839

Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.5	142.6
145	34.3	17.0	50.9



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045315.D
Acq On : 18 Mar 2025 11:16
Operator : JC/MD
Sample : VX0318WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Quant Time: Mar 19 01:40:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	101216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	179978	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	159085	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	70581	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	85669	53.211	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.420%			
35) Dibromofluoromethane	5.379	113	63666	52.902	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.800%			
50) Toluene-d8	8.647	98	223393	51.202	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.400%			
62) 4-Bromofluorobenzene	11.079	95	78279	54.144	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.280%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	23648	18.561	ug/l	96
3) Chloromethane	1.307	50	26060	16.714	ug/l	96
4) Vinyl Chloride	1.374	62	24585	15.895	ug/l	99
5) Bromomethane	1.593	94	11086	18.232	ug/l	97
6) Chloroethane	1.666	64	14472	20.285	ug/l	97
7) Trichlorofluoromethane	1.874	101	38112	18.613	ug/l	98
8) Diethyl Ether	2.136	74	13147	16.415	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	24411	20.751	ug/l	98
10) Methyl Iodide	2.441	142	27544	18.736	ug/l	97
11) Tert butyl alcohol	2.977	59	23962	78.575	ug/l	97
12) 1,1-Dichloroethene	2.307	96	22967	18.466	ug/l	93
13) Acrolein	2.233	56	18007	51.080	ug/l	100
14) Allyl chloride	2.654	41	43853	19.808	ug/l	97
15) Acrylonitrile	3.062	53	81578	99.811	ug/l	99
16) Acetone	2.386	43	74275	99.433	ug/l	100
17) Carbon Disulfide	2.502	76	48265	14.570	ug/l	100
18) Methyl Acetate	2.703	43	44014	24.493	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	82507	19.773	ug/l	97
20) Methylene Chloride	2.782	84	27791	18.782	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	23029	18.742	ug/l	91
22) Diisopropyl ether	3.757	45	91341	20.287	ug/l #	79
23) Vinyl Acetate	3.721	43	368514	98.077	ug/l	100
24) 1,1-Dichloroethane	3.605	63	49698	19.695	ug/l	97
25) 2-Butanone	4.556	43	115779	102.970	ug/l	97
26) 2,2-Dichloropropane	4.477	77	33045	27.919	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	29728	19.599	ug/l	96
28) Bromochloromethane	4.898	49	26265	21.837	ug/l	100
29) Tetrahydrofuran	5.007	42	72963	96.628	ug/l	99
30) Chloroform	5.087	83	51341	20.477	ug/l	98
31) Cyclohexane	5.465	56	40755	18.606	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	40576	20.038	ug/l	99
36) 1,1-Dichloropropene	5.690	75	32750	19.843	ug/l	98
37) Ethyl Acetate	4.721	43	41898	19.701	ug/l	99
38) Carbon Tetrachloride	5.672	117	32994	19.691	ug/l	97
39) Methylcyclohexane	7.373	83	39221	19.833	ug/l	96
40) Benzene	6.031	78	102609	19.688	ug/l	98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045315.D
Acq On : 18 Mar 2025 11:16
Operator : JC/MD
Sample : VX0318WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Quant Time: Mar 19 01:40:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.916	41	23090	20.079	ug/l		94
42) 1,2-Dichloroethane	6.086	62	39956	21.290	ug/l		98
43) Isopropyl Acetate	6.342	43	63959	20.338	ug/l		99
44) Trichloroethene	7.117	130	23097	18.874	ug/l		97
45) 1,2-Dichloropropane	7.428	63	26591	19.844	ug/l		98
46) Dibromomethane	7.580	93	19209	20.282	ug/l		99
47) Bromodichloromethane	7.818	83	38279	20.605	ug/l		97
48) Methyl methacrylate	7.690	41	32572	20.645	ug/l		96
49) 1,4-Dioxane	7.665	88	12054	362.201	ug/l		93
51) 4-Methyl-2-Pentanone	8.574	43	230272	109.054	ug/l		98
52) Toluene	8.714	92	62616	20.477	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	31720	20.424	ug/l		96
54) cis-1,3-Dichloropropene	8.360	75	38346	21.174	ug/l		93
55) 1,1,2-Trichloroethane	9.153	97	25793	20.490	ug/l		98
56) Ethyl methacrylate	9.116	69	39605	20.698	ug/l		94
57) 1,3-Dichloropropane	9.305	76	44804	20.567	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	88727	95.056	ug/l		99
59) 2-Hexanone	9.427	43	167637	109.574	ug/l		98
60) Dibromochloromethane	9.519	129	26686	20.275	ug/l		99
61) 1,2-Dibromoethane	9.610	107	25665	20.423	ug/l		99
64) Tetrachloroethene	9.269	164	20403	20.025	ug/l		96
65) Chlorobenzene	10.080	112	66830	19.853	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	22645	20.200	ug/l		97
67) Ethyl Benzene	10.189	91	119008	20.290	ug/l		99
68) m/p-Xylenes	10.299	106	88510	41.222	ug/l		98
69) o-Xylene	10.640	106	43529	20.101	ug/l		96
70) Styrene	10.653	104	73075	20.855	ug/l		98
71) Bromoform	10.799	173	16873	19.960	ug/l	#	96
73) Isopropylbenzene	10.957	105	115722	21.006	ug/l		99
74) N-amyl acetate	10.842	43	52935	20.478	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.207	83	40904	20.233	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	41311	25.147	ug/l		86
77) Bromobenzene	11.195	156	26393	20.305	ug/l		98
78) n-propylbenzene	11.299	91	133799	21.500	ug/l		98
79) 2-Chlorotoluene	11.360	91	81371	20.531	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	93706	21.036	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	9303	19.380	ug/l	#	83
82) 4-Chlorotoluene	11.451	91	90708	21.000	ug/l		100
83) tert-Butylbenzene	11.713	119	94270	20.597	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	95258	21.253	ug/l		99
85) sec-Butylbenzene	11.890	105	118093	21.540	ug/l		99
86) p-Isopropyltoluene	12.006	119	93774	21.165	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	46929	20.238	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	46719	19.915	ug/l		98
89) n-Butylbenzene	12.329	91	81793	21.434	ug/l		99
90) Hexachloroethane	12.536	117	15561	19.417	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	47575	20.453	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7898	20.053	ug/l		95
93) 1,2,4-Trichlorobenzene	13.585	180	26039	19.660	ug/l		99
94) Hexachlorobutadiene	13.725	225	11193	20.613	ug/l		99
95) Naphthalene	13.774	128	99469	19.547	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	27553	19.719	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045315.D
Acq On : 18 Mar 2025 11:16
Operator : JC/MD
Sample : VX0318WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Quant Time: Mar 19 01:40:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

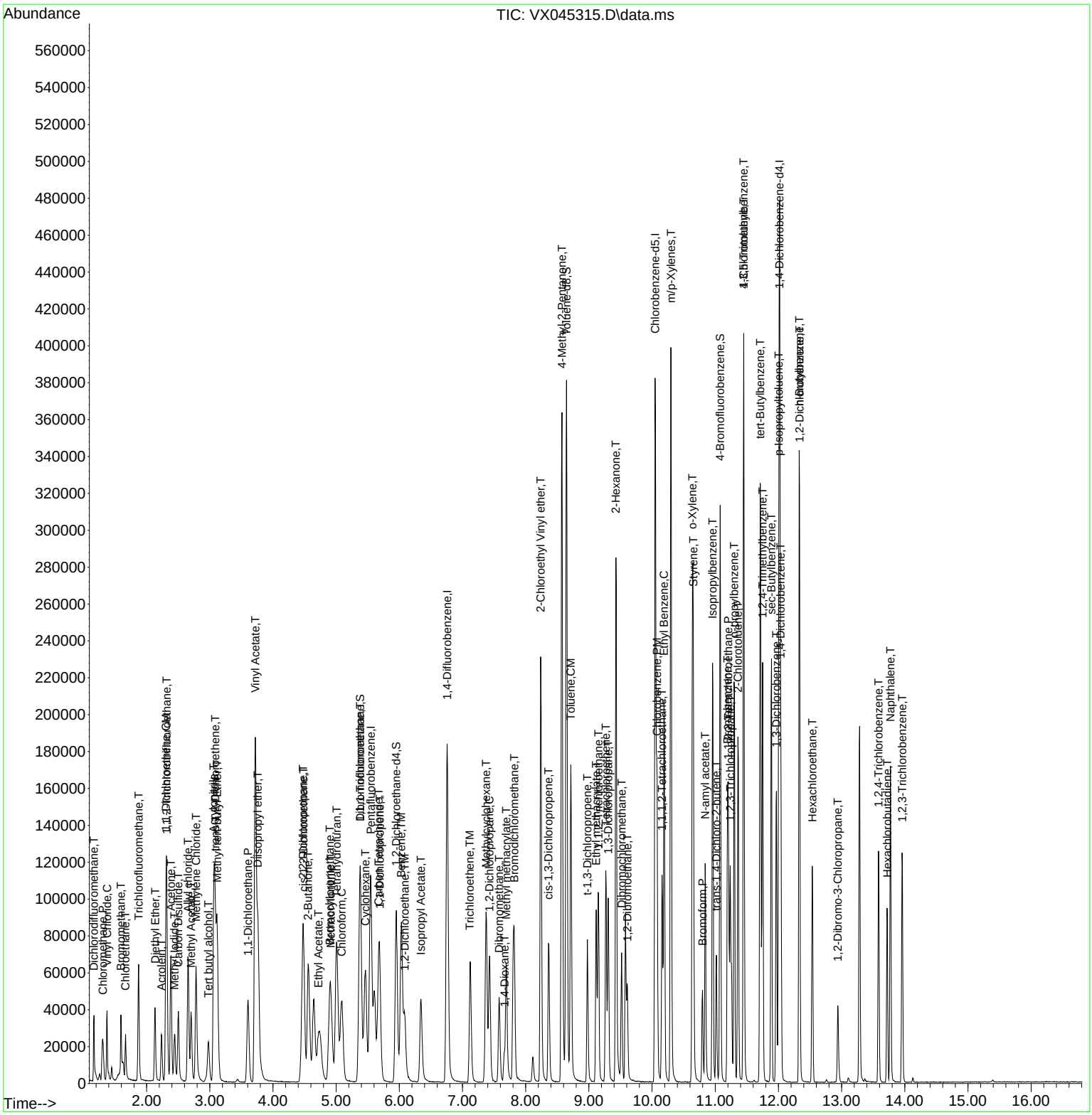
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

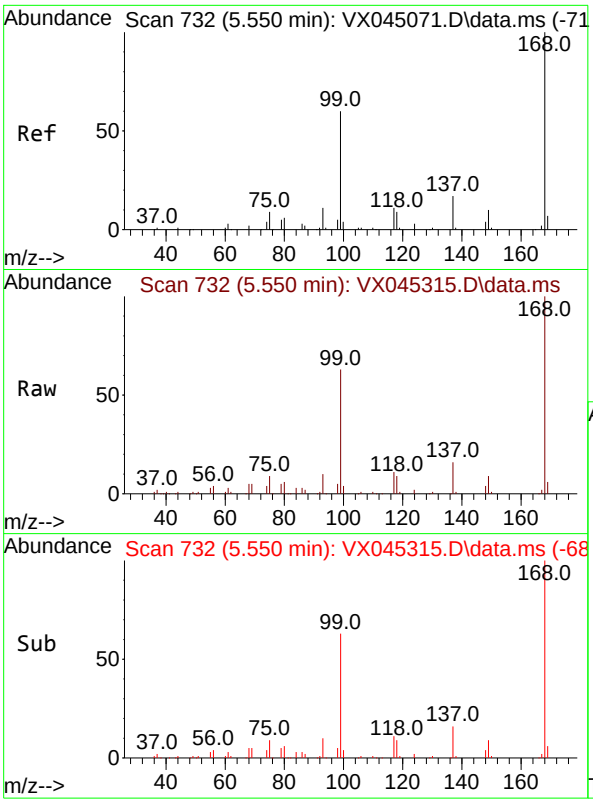
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045315.D
Acq On : 18 Mar 2025 11:16
Operator : JC/MD
Sample : VX0318WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Quant Time: Mar 19 01:40:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration



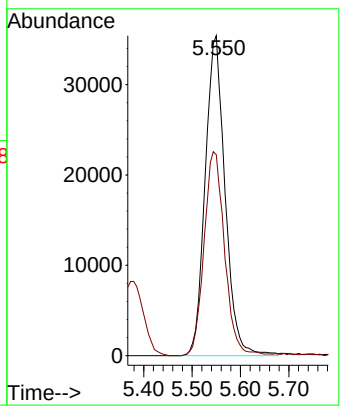


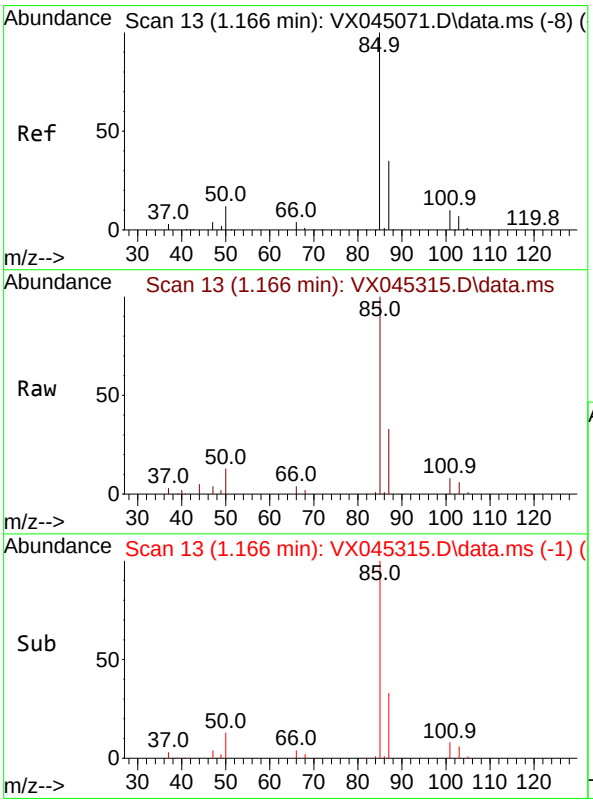
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tgt Ion:168 Resp: 101216

Ion	Ratio	Lower	Upper
168	100		
99	62.8	48.2	72.4

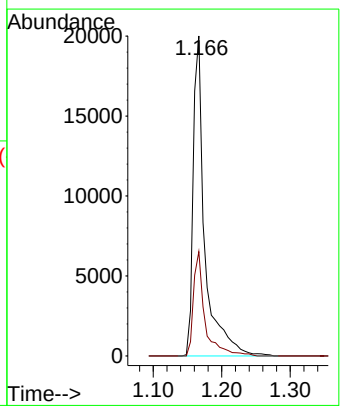


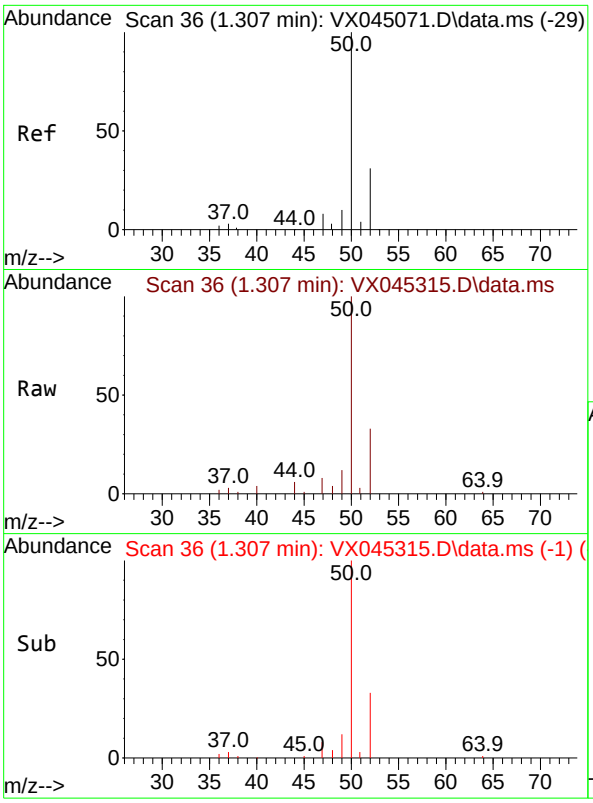


#2
Dichlorodifluoromethane
Concen: 18.561 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 85 Resp: 23648

Ion	Ratio	Lower	Upper
85	100		
87	32.6	17.4	52.3



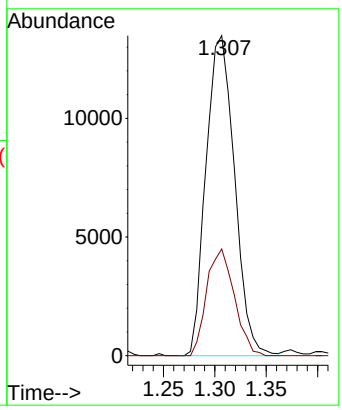


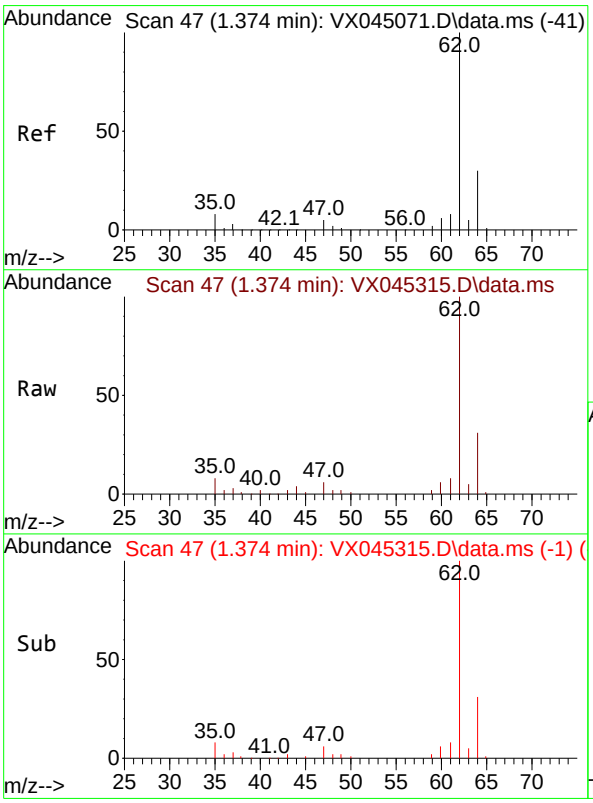
#3
Chloromethane
Concen: 16.714 ug/l
RT: 1.307 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tgt Ion: 50 Resp: 26060

Ion	Ratio	Lower	Upper
50	100		
52	33.4	25.0	37.4

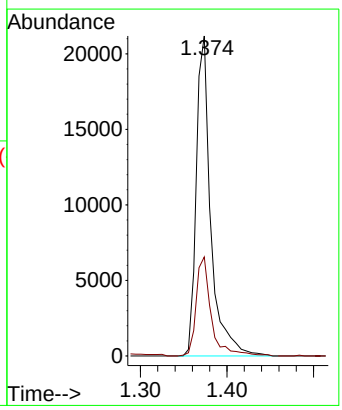


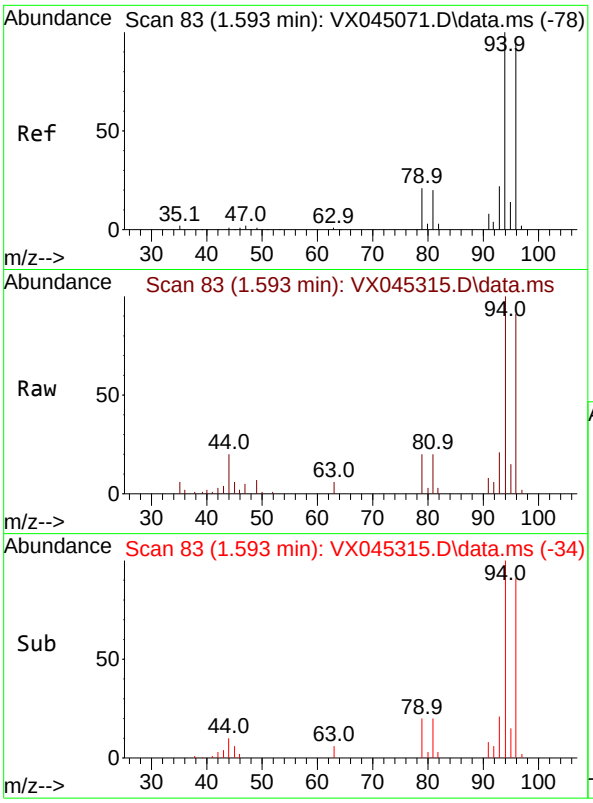


#4
Vinyl Chloride
Concen: 15.895 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 62 Resp: 24585

Ion	Ratio	Lower	Upper
62	100		
64	31.0	24.3	36.5



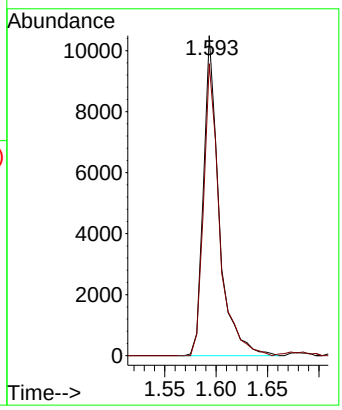


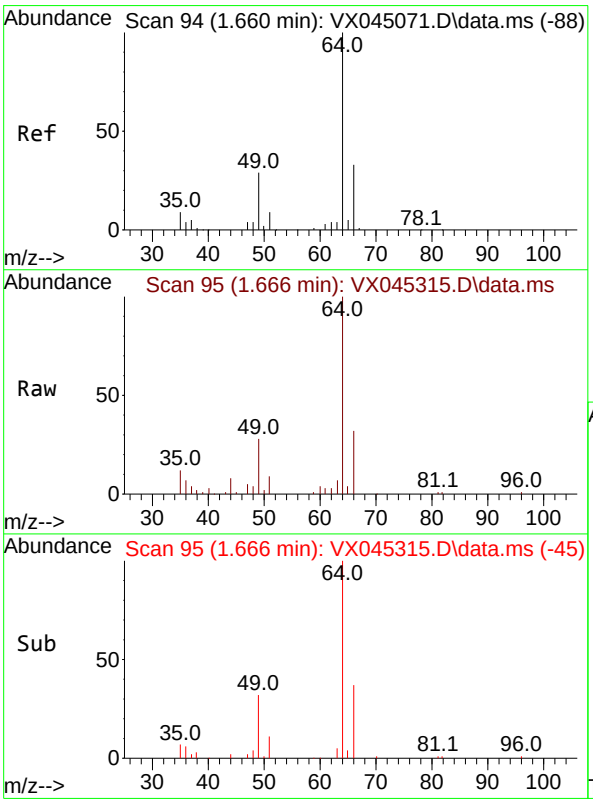
#5
Bromomethane
Concen: 18.232 ug/l
RT: 1.593 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tgt Ion: 94 Resp: 11086

Ion	Ratio	Lower	Upper
94	100		
96	91.2	75.0	112.4

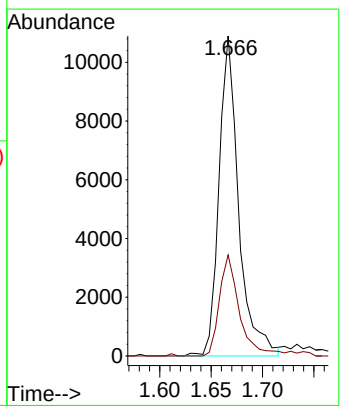


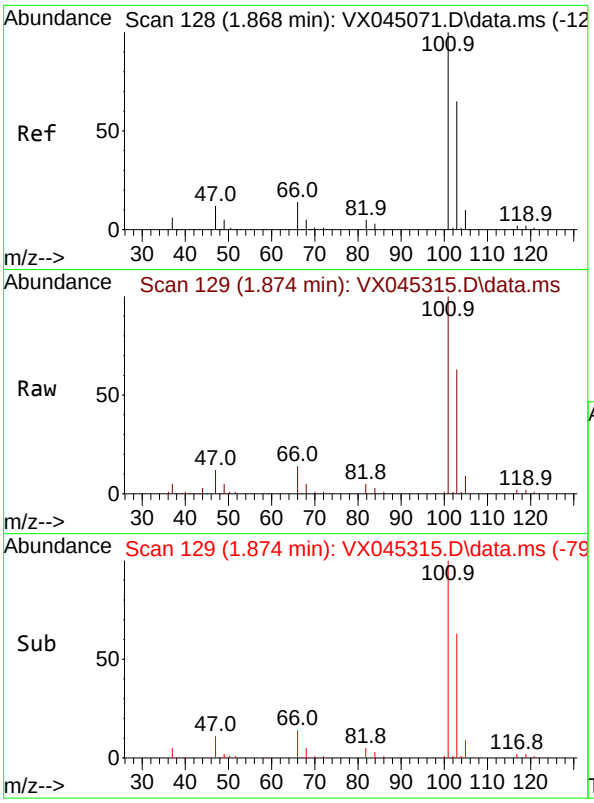


#6
Chloroethane
Concen: 20.285 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 64 Resp: 14472

Ion	Ratio	Lower	Upper
64	100		
66	31.5	26.7	40.1



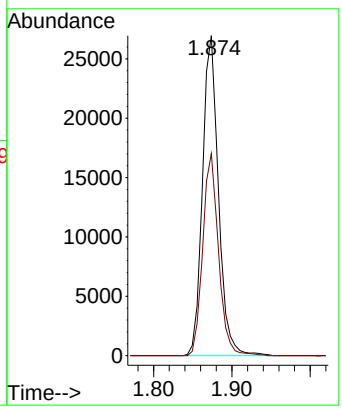


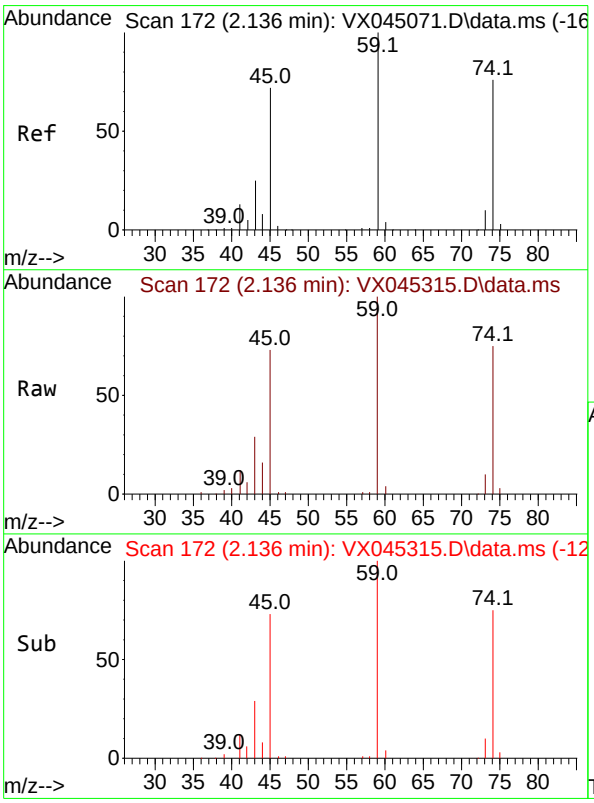
#7
Trichlorofluoromethane
Concen: 18.613 ug/l
RT: 1.874 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tgt Ion:101 Resp: 38112

Ion	Ratio	Lower	Upper
101	100		
103	63.2	52.1	78.1

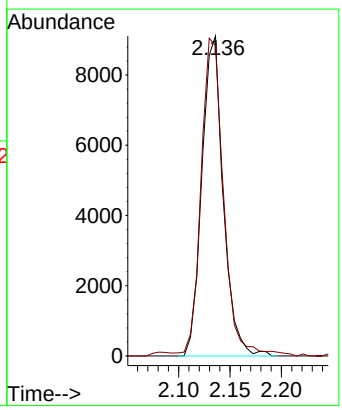


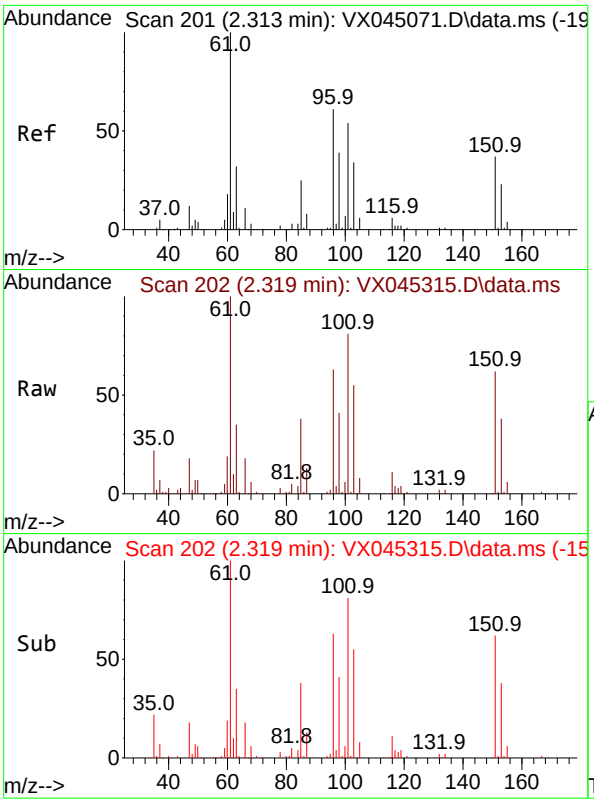


#8
Diethyl Ether
Concen: 16.415 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 74 Resp: 13147

Ion	Ratio	Lower	Upper
74	100		
45	105.3	51.5	154.5



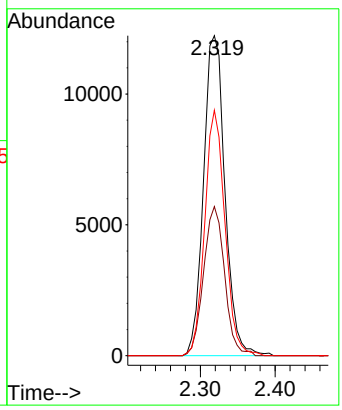


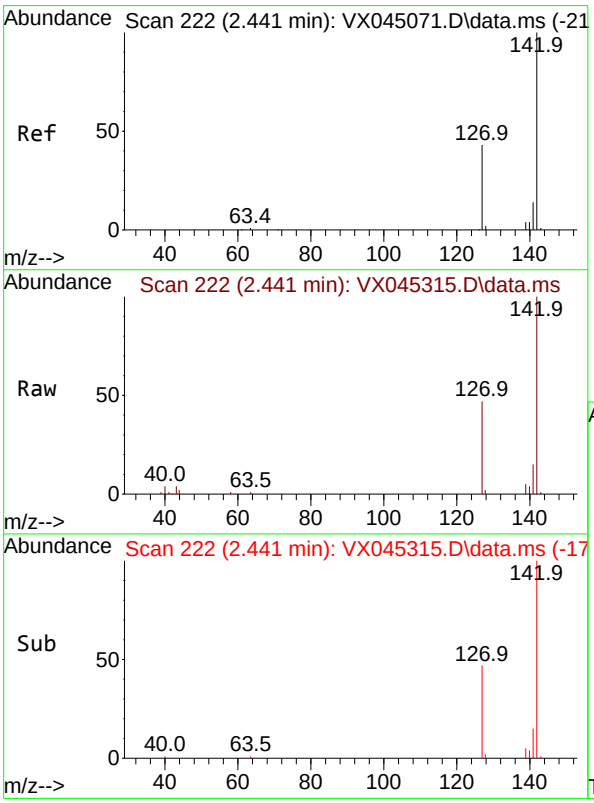
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.751 ug/l
RT: 2.319 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tgt Ion:101 Resp: 24411

Ion	Ratio	Lower	Upper
101	100		
85	45.7	36.2	54.4
151	72.4	56.4	84.6

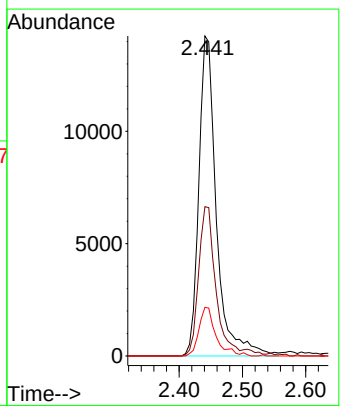


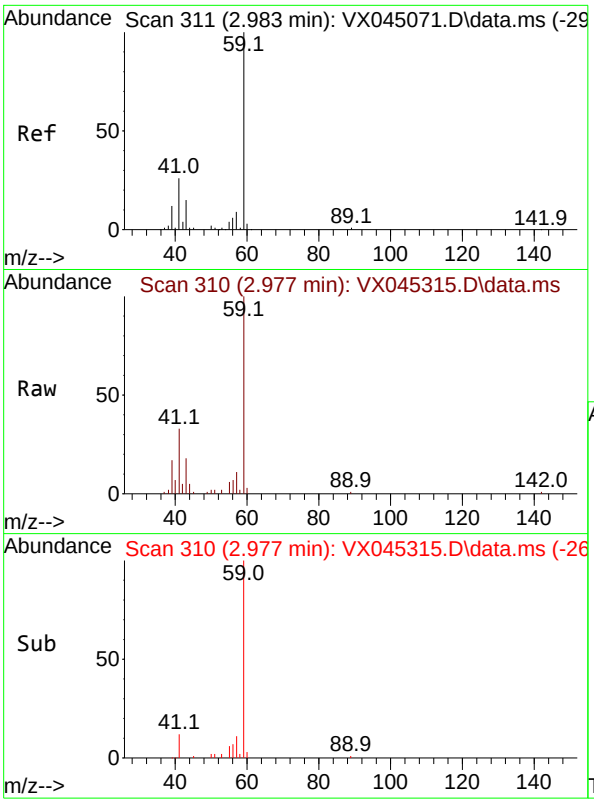


#10
Methyl Iodide
Concen: 18.736 ug/l
RT: 2.441 min Scan# 222
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion:142 Resp: 27544

Ion	Ratio	Lower	Upper
142	100		
127	47.0	35.4	53.2
141	14.7	11.6	17.4



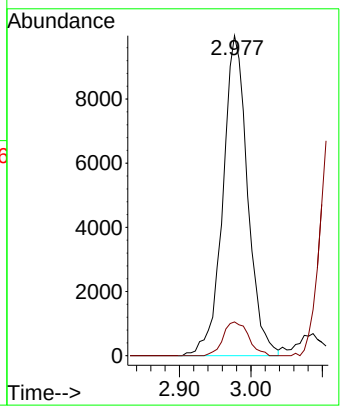


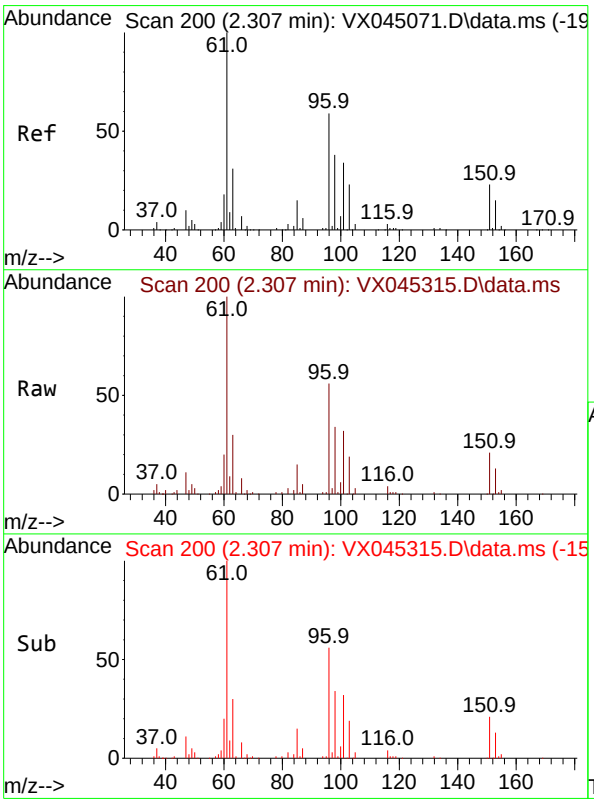
#11
Tert butyl alcohol
Concen: 78.575 ug/l
RT: 2.977 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tgt Ion: 59 Resp: 23962

Ion	Ratio	Lower	Upper
59	100		
57	10.8	7.8	11.8

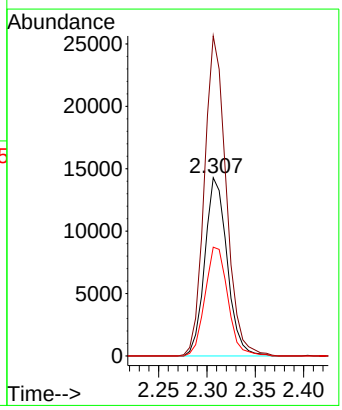


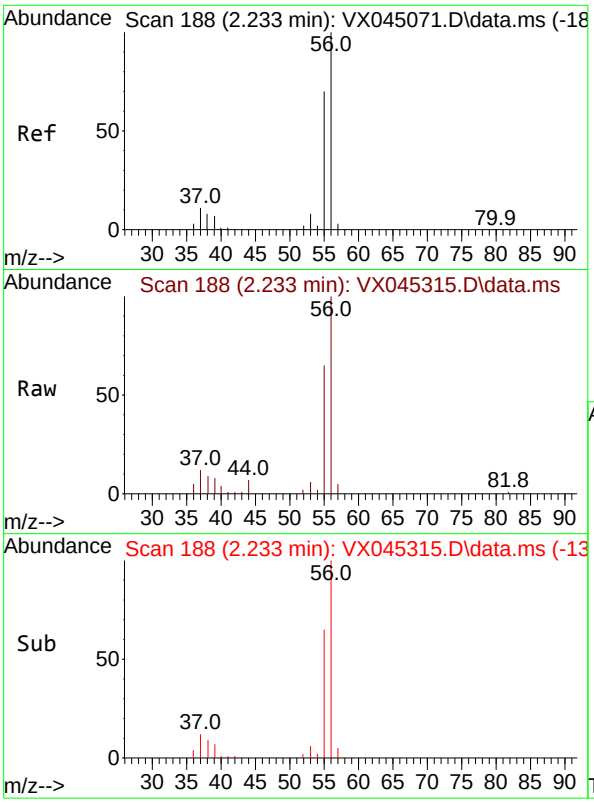


#12
1,1-Dichloroethene
Concen: 18.466 ug/l
RT: 2.307 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 96 Resp: 22967

Ion	Ratio	Lower	Upper
96	100		
61	179.5	134.6	202.0
98	61.0	51.0	76.6



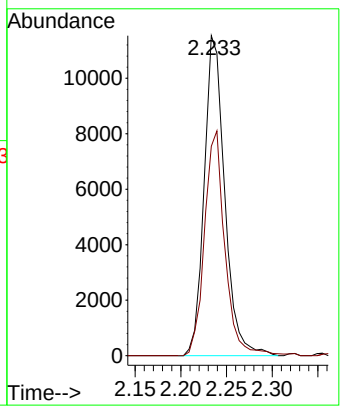


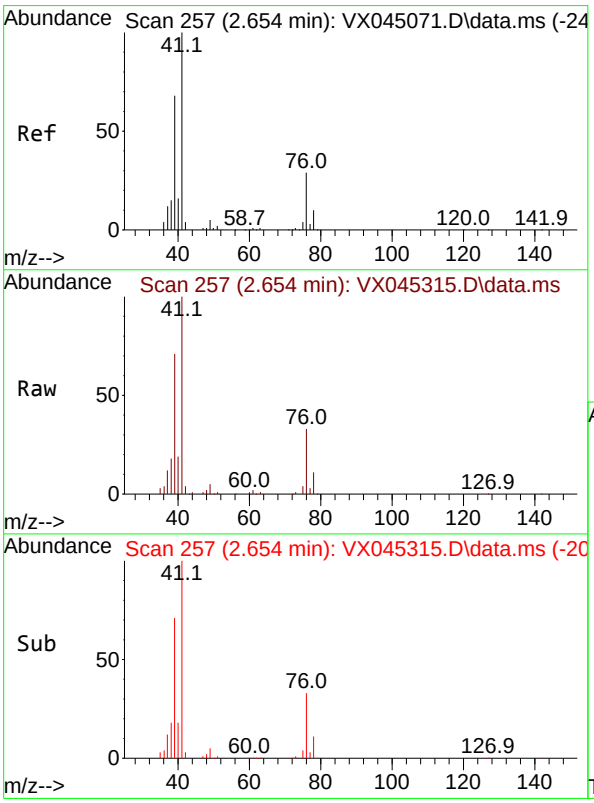
#13
Acrolein
Concen: 51.080 ug/l
RT: 2.233 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tgt Ion: 56 Resp: 18007

Ion	Ratio	Lower	Upper
56	100		
55	70.0	56.2	84.4

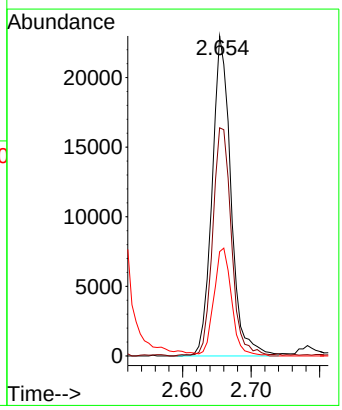


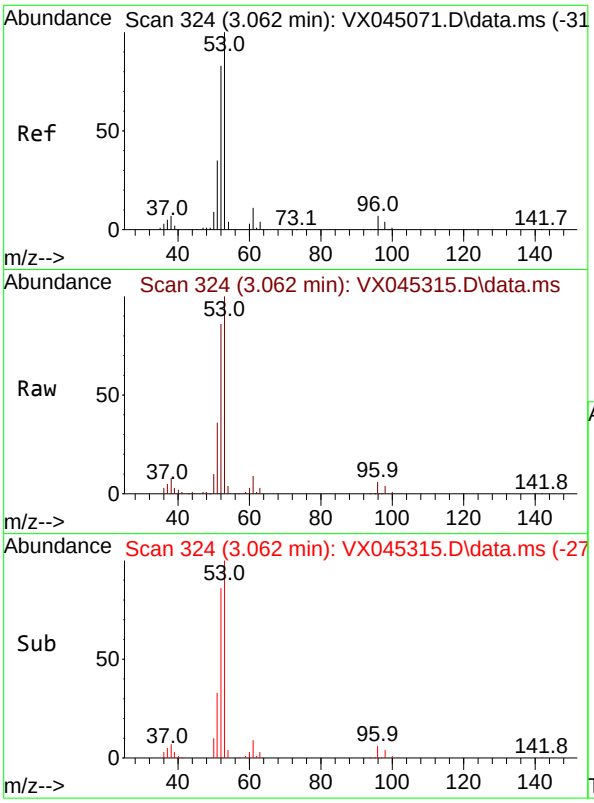


#14
Allyl chloride
Concen: 19.808 ug/l
RT: 2.654 min Scan# 257
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 41 Resp: 43853

Ion	Ratio	Lower	Upper
41	100		
39	71.2	53.8	80.8
76	31.6	25.2	37.8



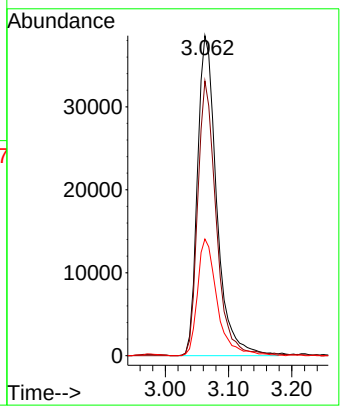


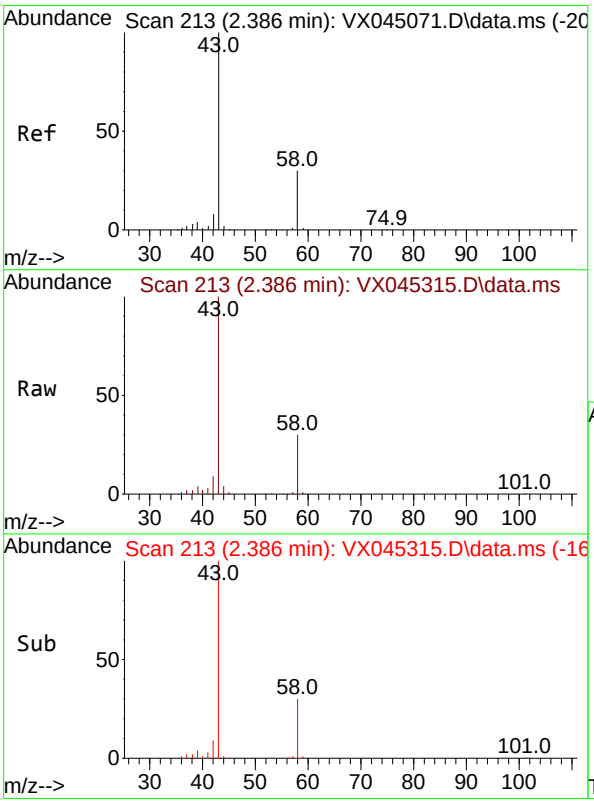
#15
Acrylonitrile
Concen: 99.811 ug/l
RT: 3.062 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tgt Ion: 53 Resp: 81578

Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.2	99.2
51	37.5	29.0	43.4

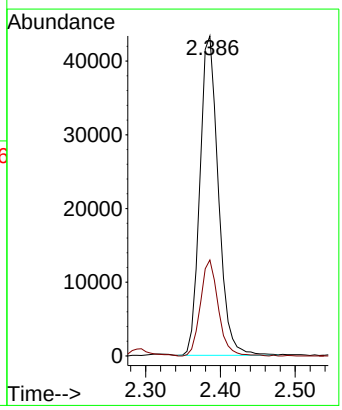


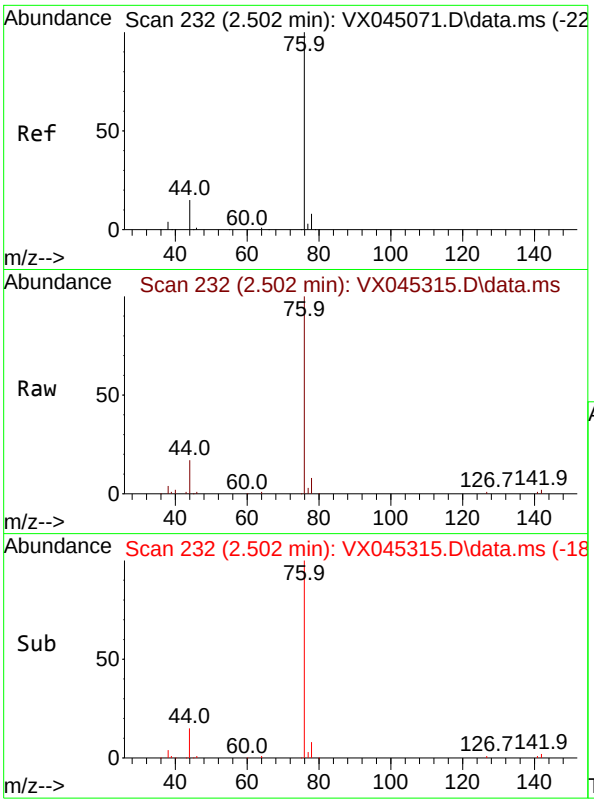


#16
Acetone
Concen: 99.433 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 43 Resp: 74275

Ion	Ratio	Lower	Upper
43	100		
58	30.1	24.2	36.4



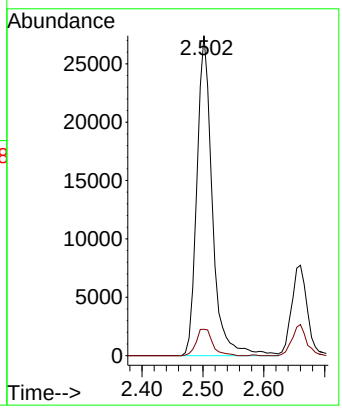


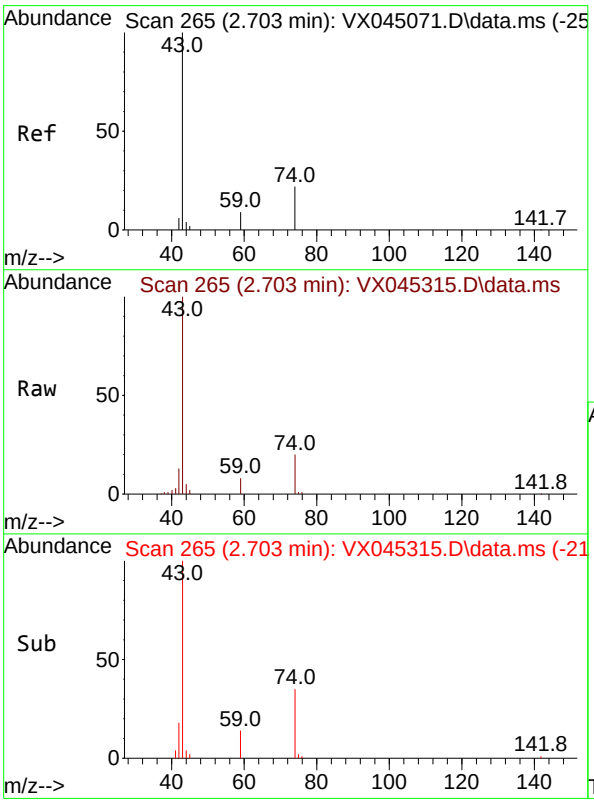
#17
Carbon Disulfide
Concen: 14.570 ug/l
RT: 2.502 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tgt Ion: 76 Resp: 48265

Ion	Ratio	Lower	Upper
76	100		
78	8.2	6.6	9.8

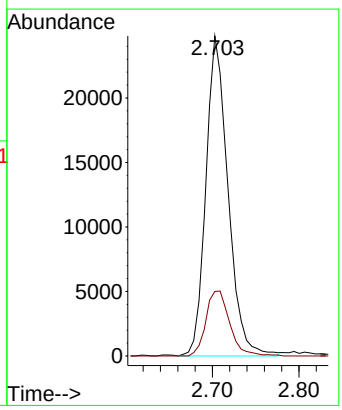


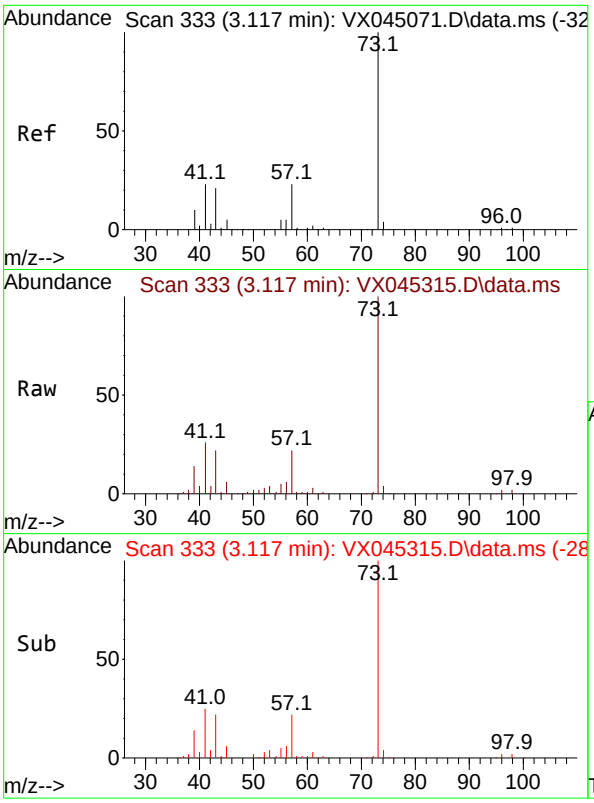


#18
Methyl Acetate
Concen: 24.493 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 43 Resp: 44014

Ion	Ratio	Lower	Upper
43	100		
74	21.9	17.4	26.2



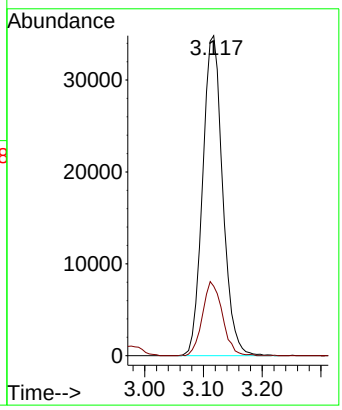


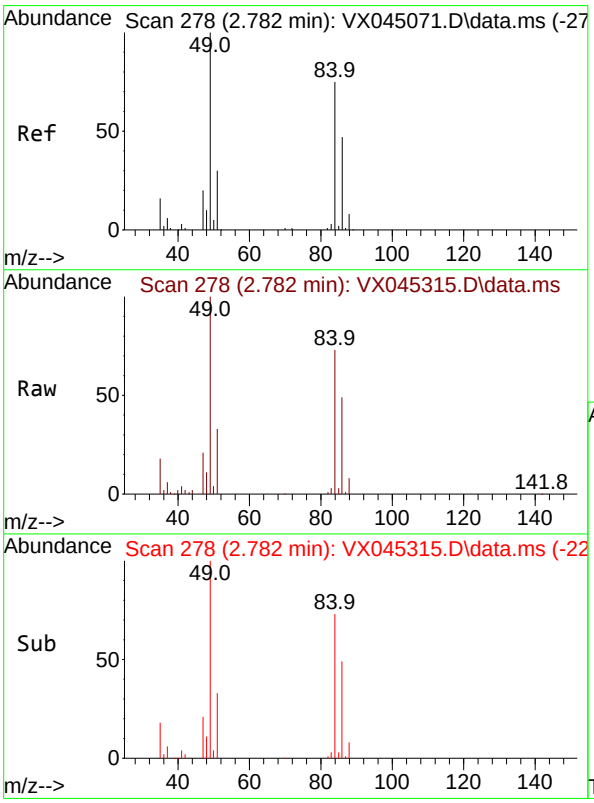
#19
Methyl tert-butyl Ether
Concen: 19.773 ug/l
RT: 3.117 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tgt Ion: 73 Resp: 82507

Ion	Ratio	Lower	Upper
73	100		
57	21.7	18.5	27.7

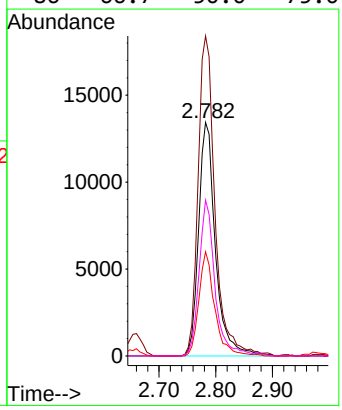


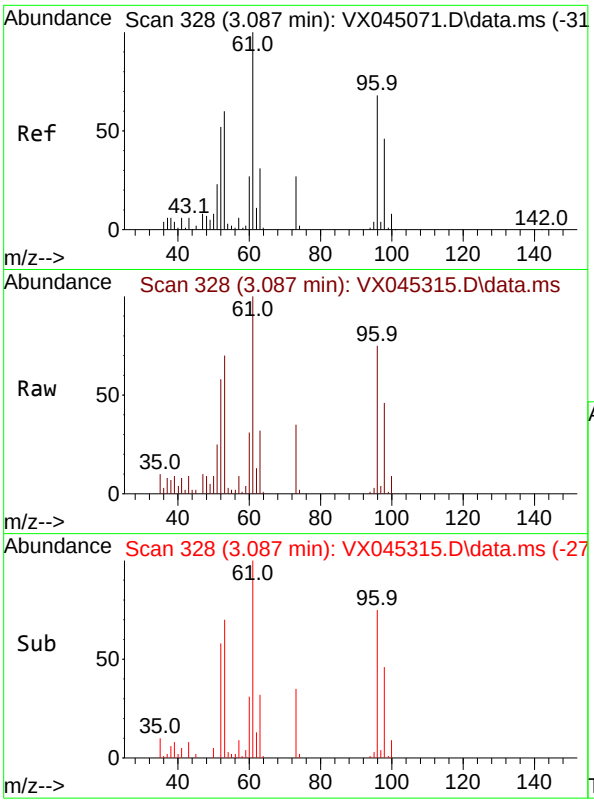


#20
Methylene Chloride
Concen: 18.782 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 84 Resp: 27791

Ion	Ratio	Lower	Upper
84	100		
49	137.0	106.5	159.7
51	44.6	32.1	48.1
86	66.7	50.0	75.0



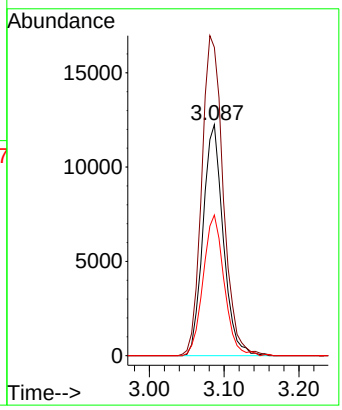


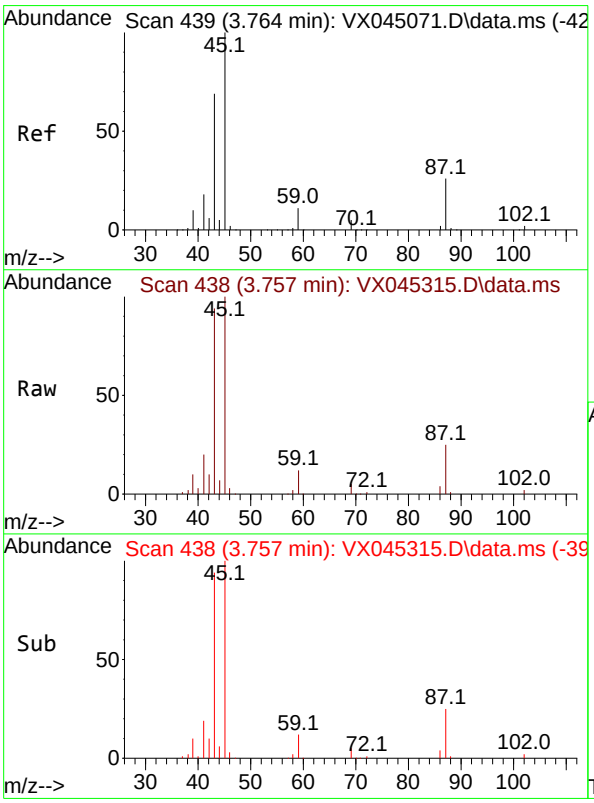
#21
trans-1,2-Dichloroethene
Concen: 18.742 ug/l
RT: 3.087 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tgt Ion: 96 Resp: 23029

Ion	Ratio	Lower	Upper
96	100		
61	133.5	117.0	175.4
98	60.9	53.4	80.2

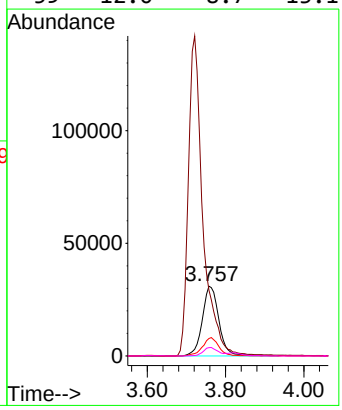


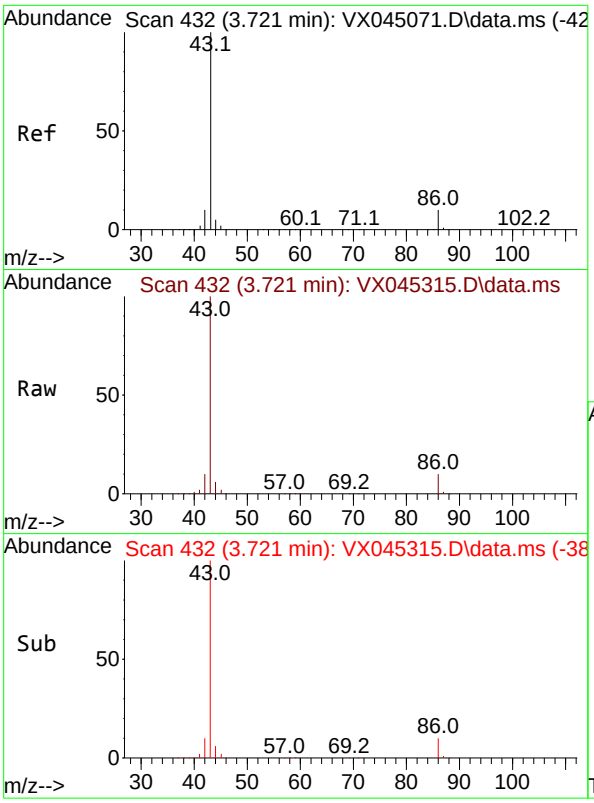


#22
Diisopropyl ether
Concen: 20.287 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 45 Resp: 91341

Ion	Ratio	Lower	Upper
45	100		
43	93.3	54.9	82.3#
87	25.1	21.0	31.4
59	12.0	8.7	13.1



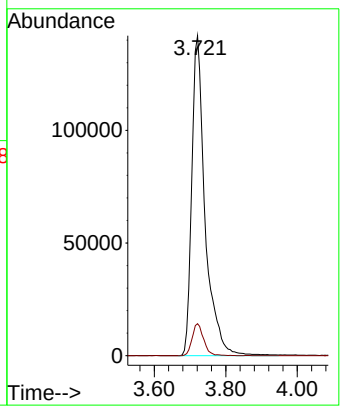


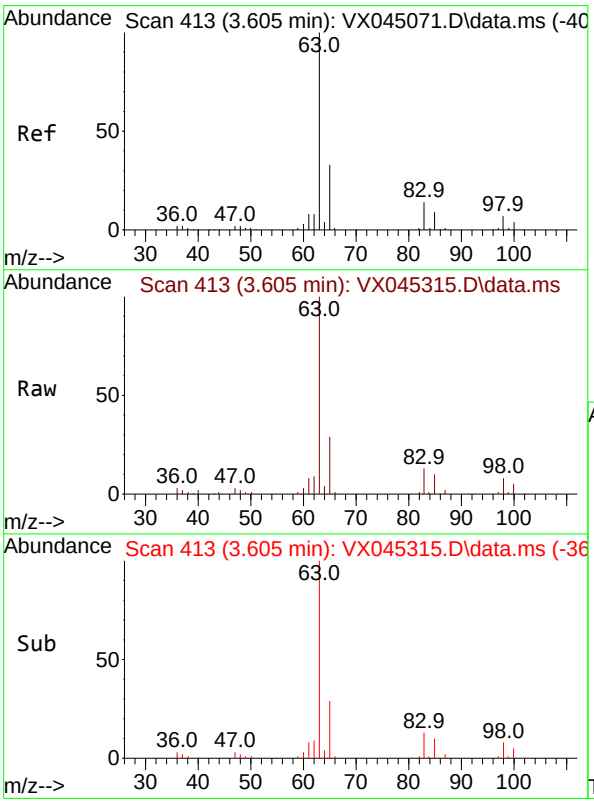
#23
Vinyl Acetate
Concen: 98.077 ug/l
RT: 3.721 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tgt Ion: 43 Resp: 368514

Ion	Ratio	Lower	Upper
43	100		
86	10.0	8.1	12.1

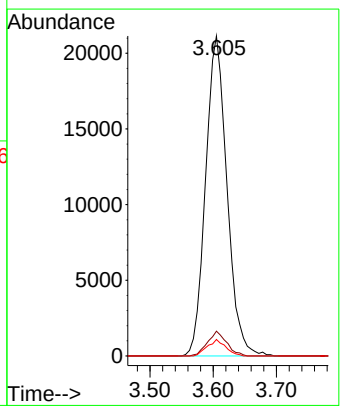


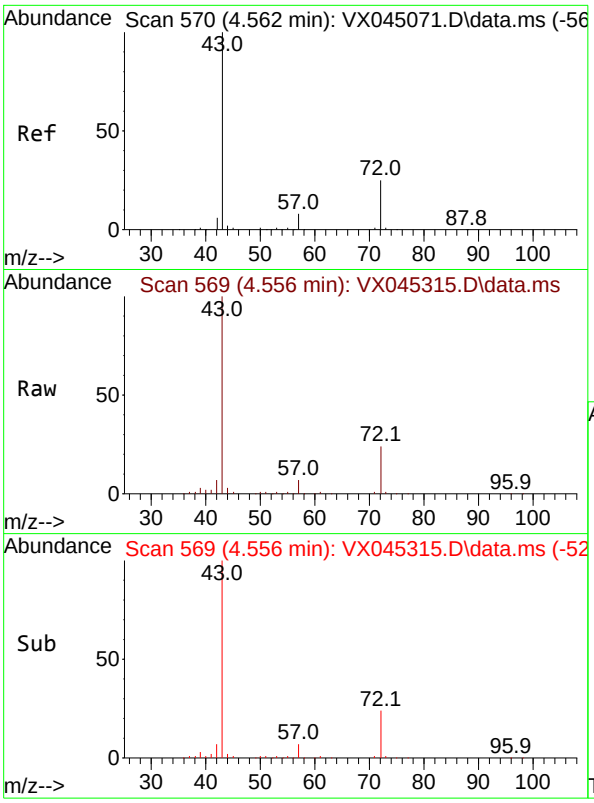


#24
1,1-Dichloroethane
Concen: 19.695 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 63 Resp: 49698

Ion	Ratio	Lower	Upper
63	100		
98	7.8	3.4	10.2
100	5.1	2.1	6.5



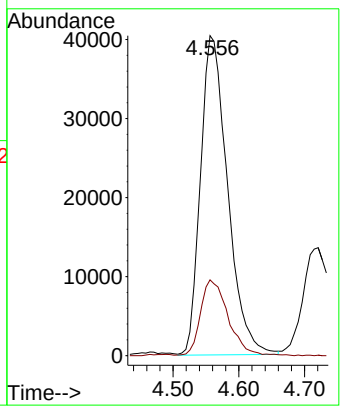


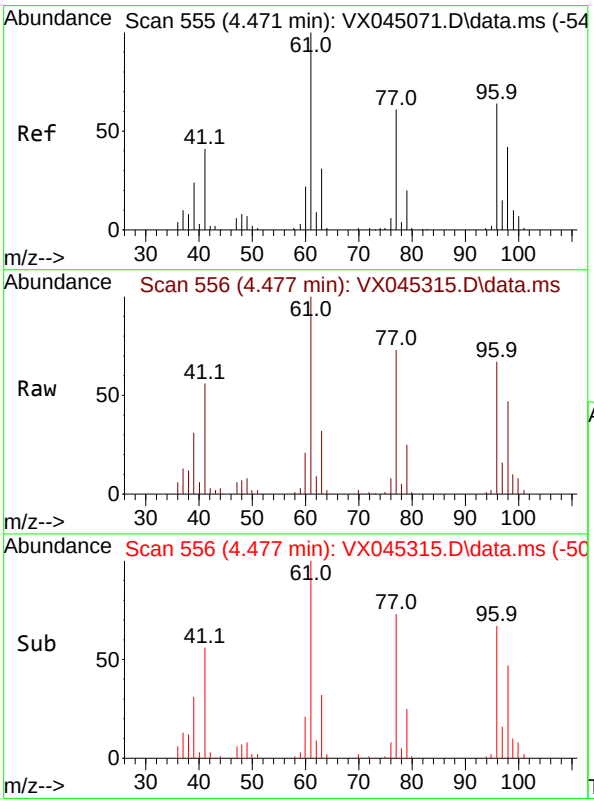
#25
2-Butanone
Concen: 102.970 ug/l
RT: 4.556 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tgt Ion: 43 Resp: 115779

Ion	Ratio	Lower	Upper
43	100		
72	23.6	20.0	30.0

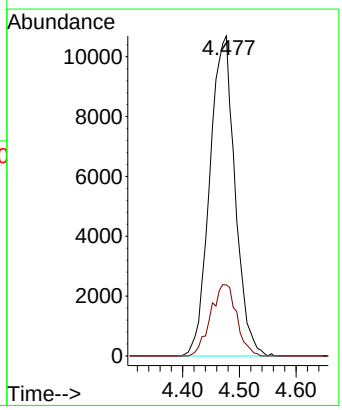


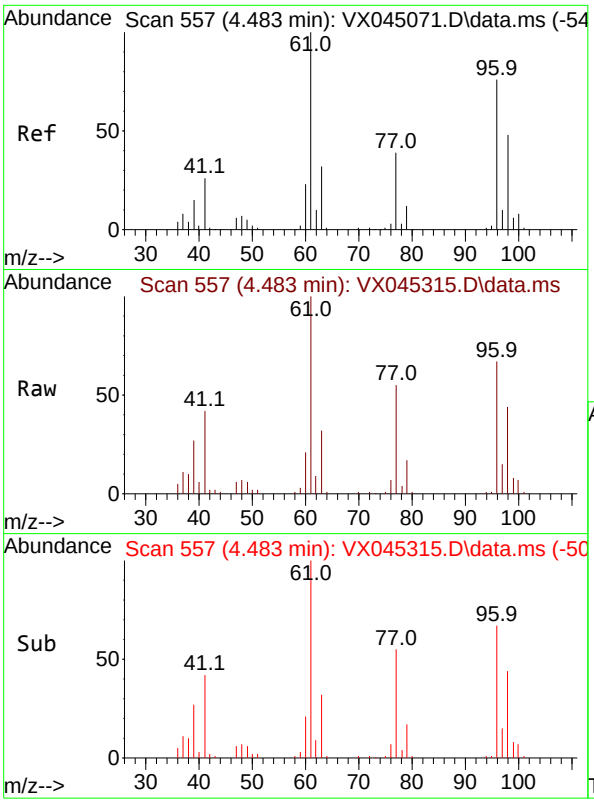


#26
2,2-Dichloropropane
Concen: 27.919 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 77 Resp: 33045

Ion	Ratio	Lower	Upper
77	100		
97	23.0	12.4	37.0



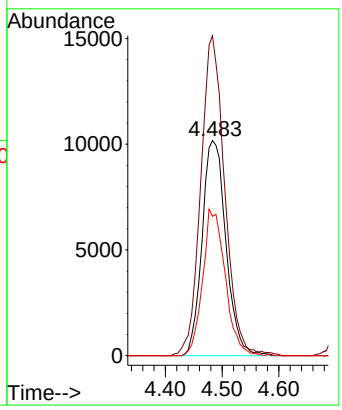


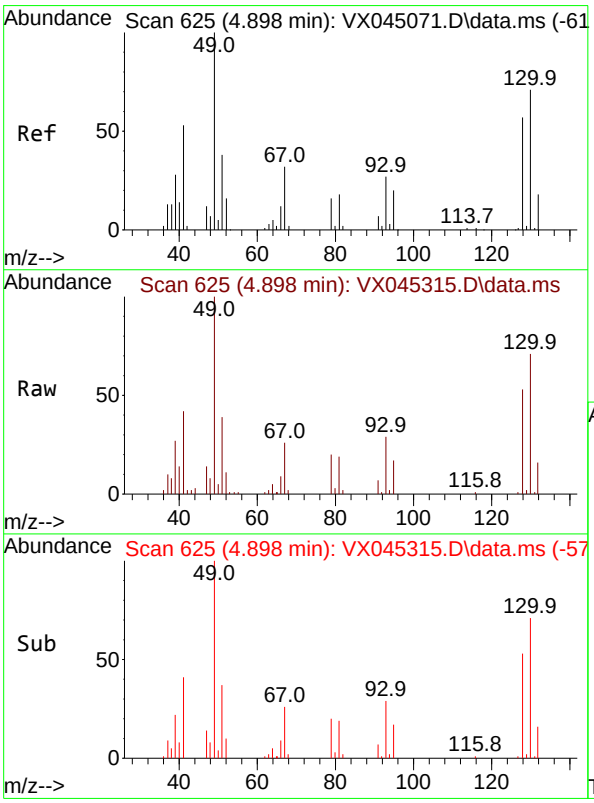
#27
cis-1,2-Dichloroethene
Concen: 19.599 ug/l
RT: 4.483 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tgt Ion: 96 Resp: 29728

Ion	Ratio	Lower	Upper
96	100		
61	149.2	0.0	283.2
98	64.1	0.0	128.0

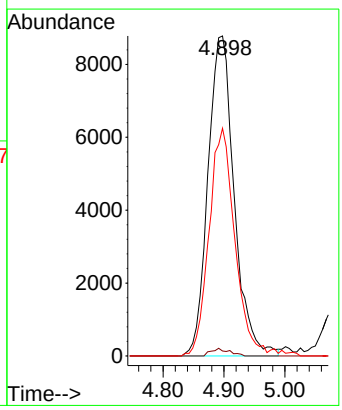


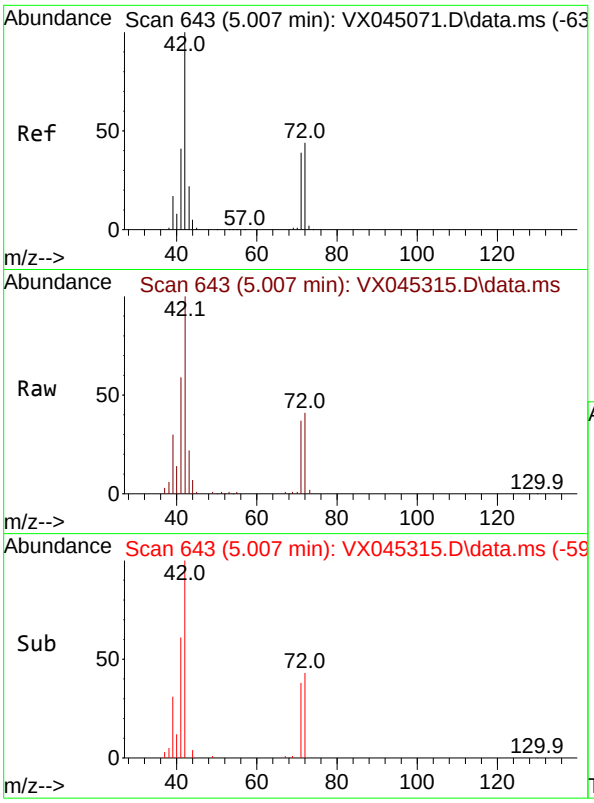


#28
Bromochloromethane
Concen: 21.837 ug/l
RT: 4.898 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 49 Resp: 26265

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.4
130	69.8	56.1	84.1



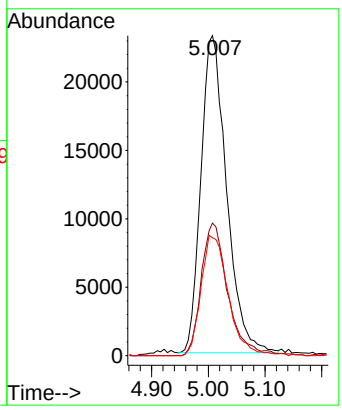


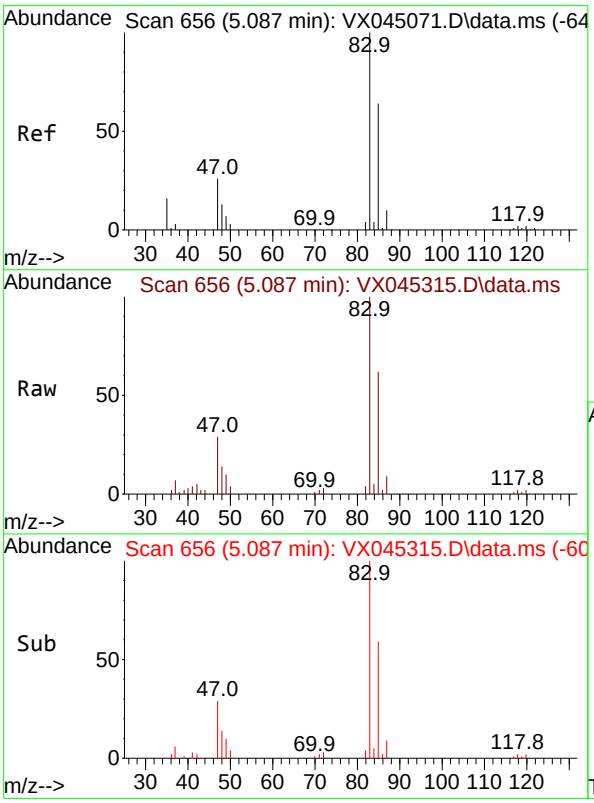
#29
Tetrahydrofuran
Concen: 96.628 ug/l
RT: 5.007 min Scan# 64
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tgt Ion: 42 Resp: 72963

Ion	Ratio	Lower	Upper
42	100		
72	43.4	34.1	51.1
71	39.9	31.4	47.0

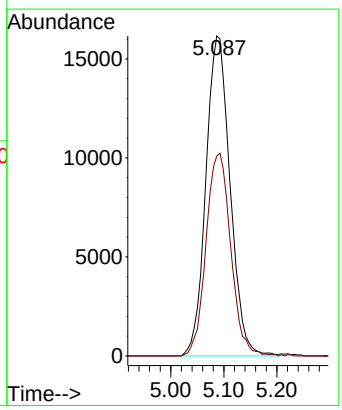


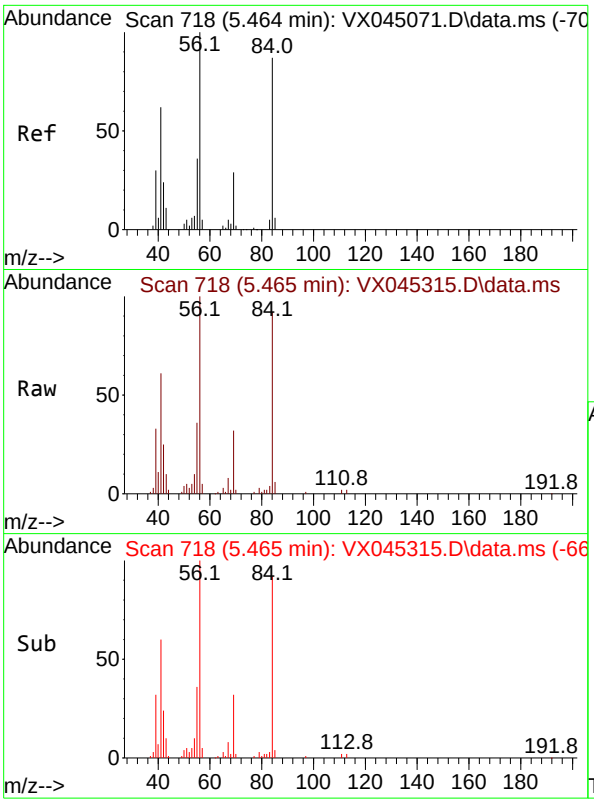


#30
Chloroform
Concen: 20.477 ug/l
RT: 5.087 min Scan# 656
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 83 Resp: 51341

Ion	Ratio	Lower	Upper
83	100		
85	62.4	51.4	77.2



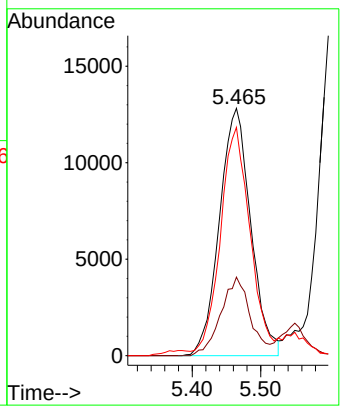


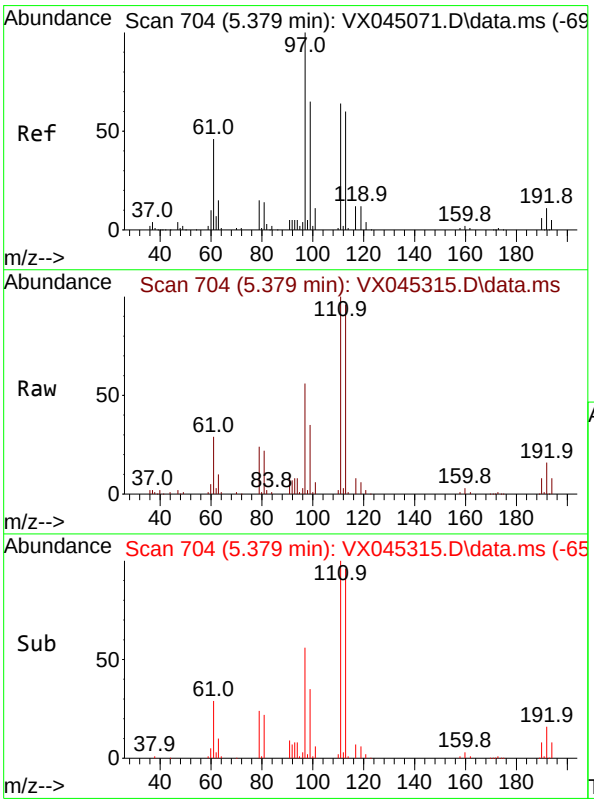
#31
Cyclohexane
Concen: 18.606 ug/l
RT: 5.465 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tgt Ion: 56 Resp: 40755

Ion	Ratio	Lower	Upper
56	100		
69	31.8	23.4	35.2
84	90.3	69.4	104.2

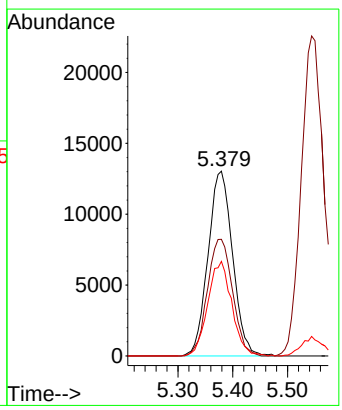


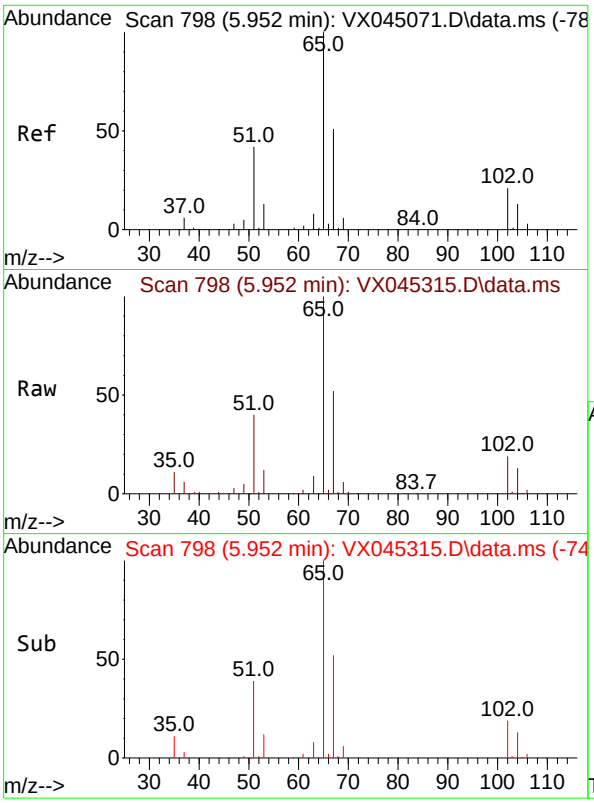


#32
1,1,1-Trichloroethane
Concen: 20.038 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 97 Resp: 40576

Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.6	77.4
61	50.2	38.4	57.6



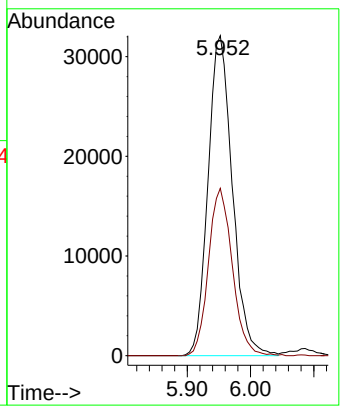


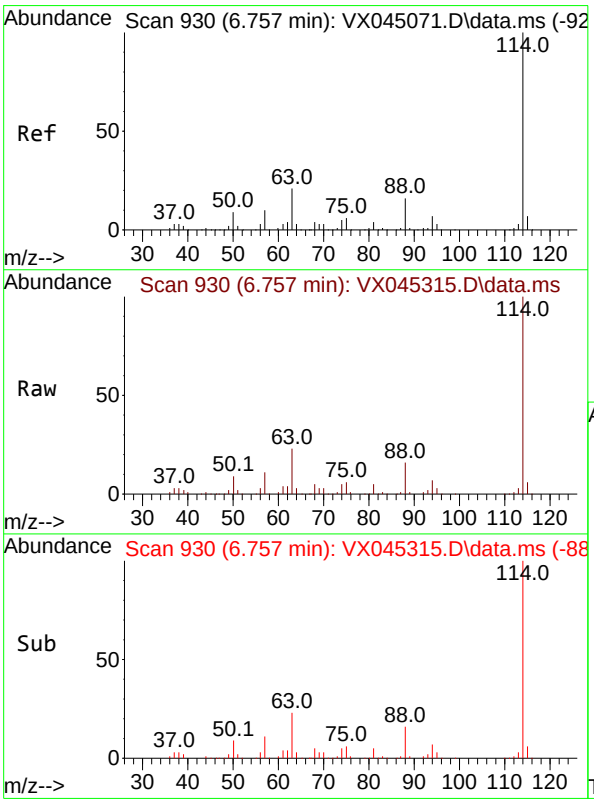
#33
1,2-Dichloroethane-d4
Concen: 53.211 ug/l
RT: 5.952 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tgt Ion: 65 Resp: 85669

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	106.2

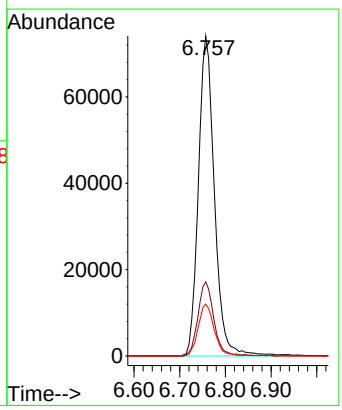


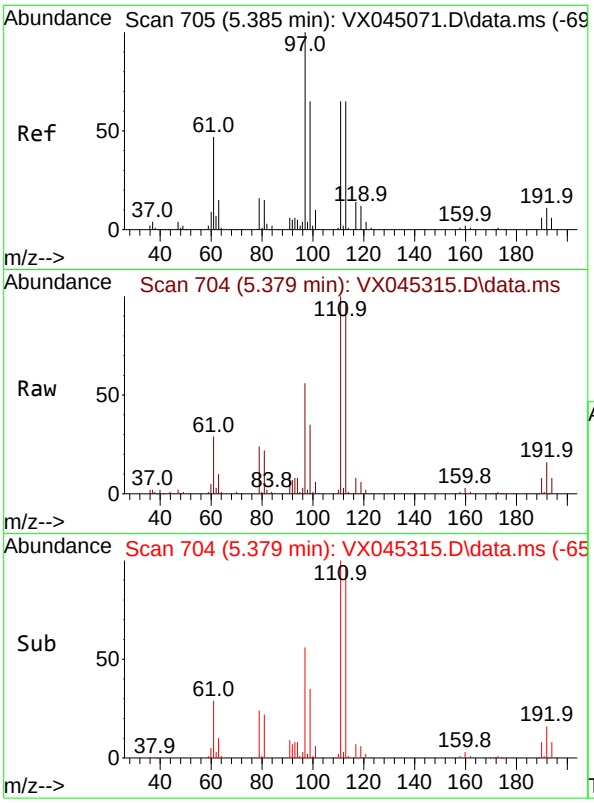


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion:114 Resp: 179978

Ion	Ratio	Lower	Upper
114	100		
63	23.2	0.0	41.8
88	16.2	0.0	32.8



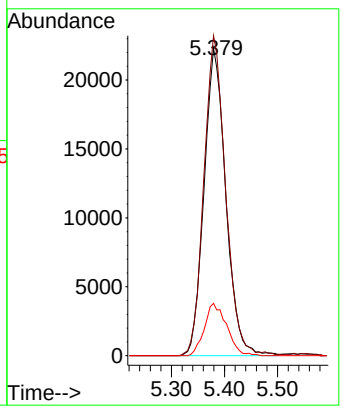


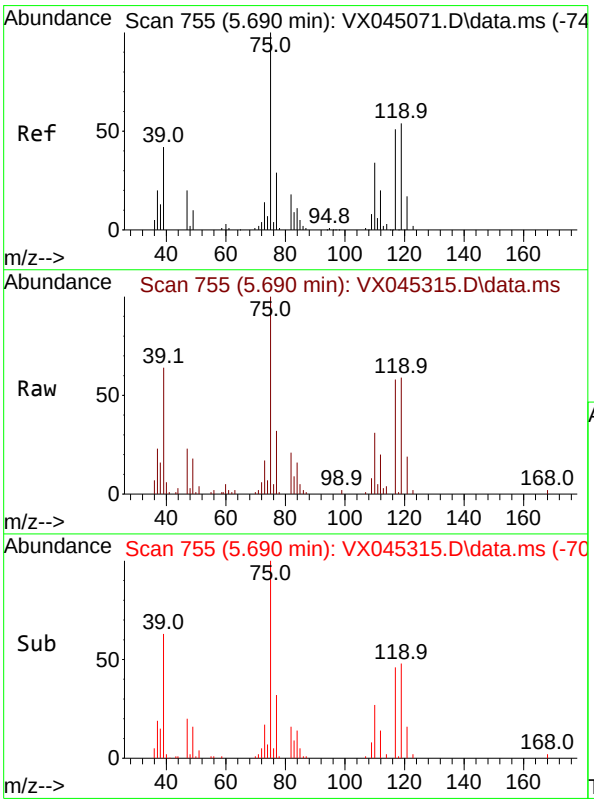
#35
Dibromofluoromethane
Concen: 52.902 ug/l
RT: 5.379 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tgt Ion:113 Resp: 63666

Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.8	122.6
192	17.4	14.3	21.5

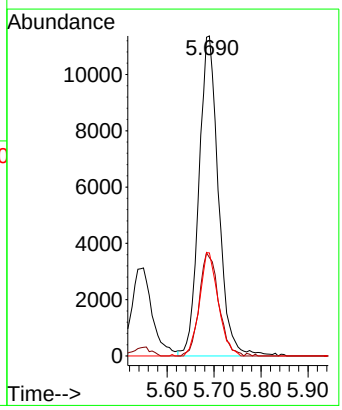


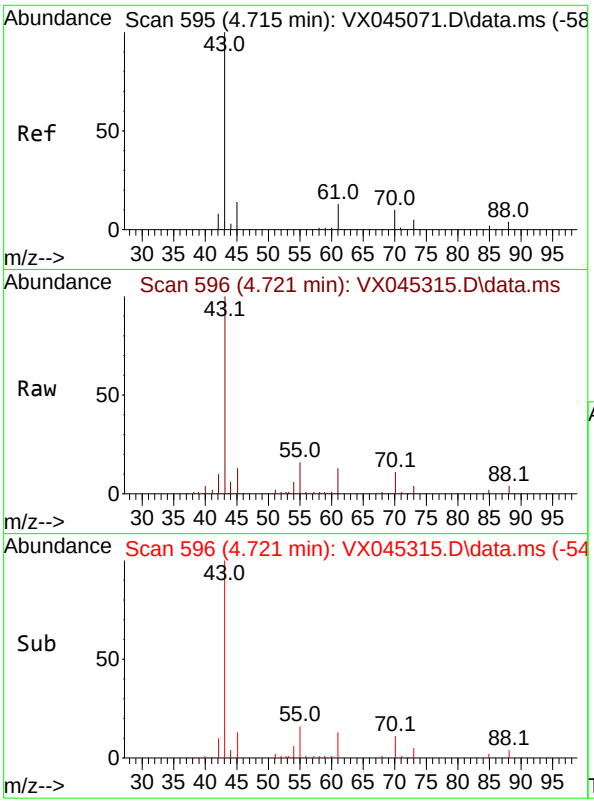


#36
1,1-Dichloropropene
Concen: 19.843 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 75 Resp: 32750

Ion	Ratio	Lower	Upper
75	100		
110	32.0	16.9	50.6
77	30.9	24.5	36.7



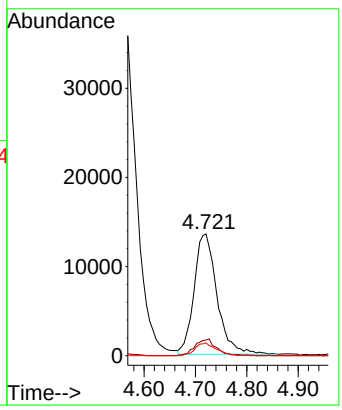


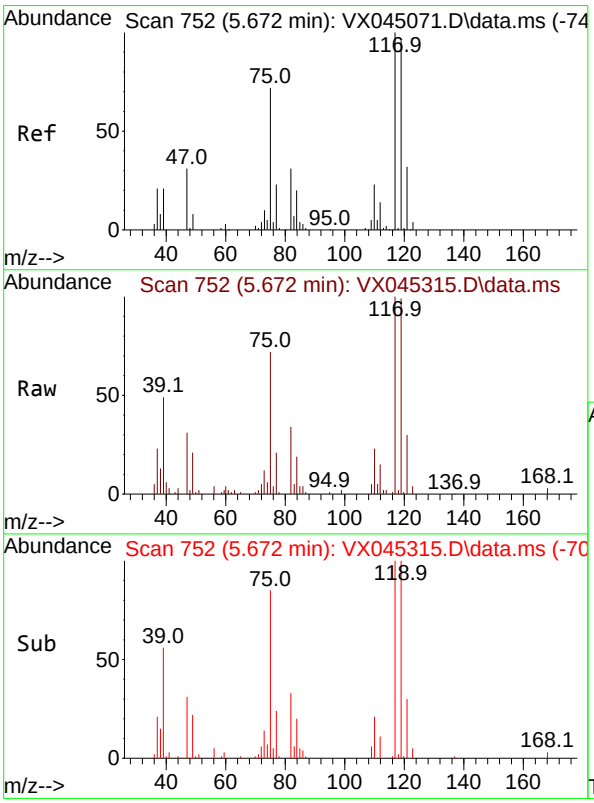
#37
Ethyl Acetate
Concen: 19.701 ug/l
RT: 4.721 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tgt Ion: 43 Resp: 41898

Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.8	16.2
70	9.8	7.7	11.5

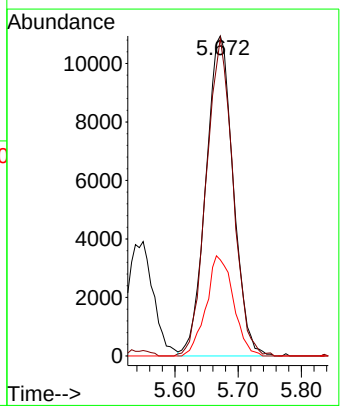


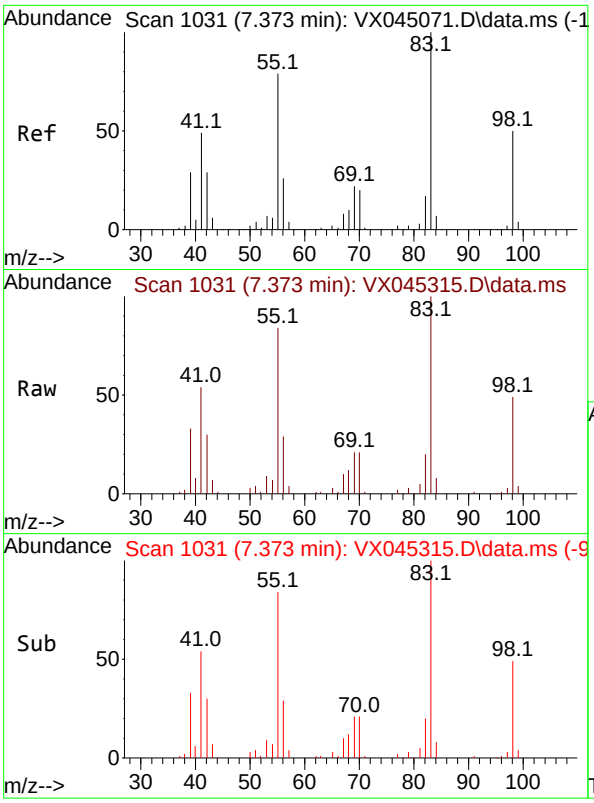


#38
Carbon Tetrachloride
Concen: 19.691 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion:117 Resp: 32994

Ion	Ratio	Lower	Upper
117	100		
119	99.3	76.7	115.1
121	30.1	25.5	38.3



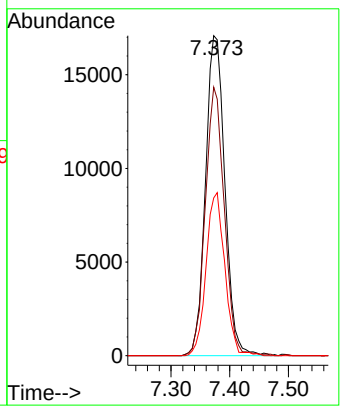


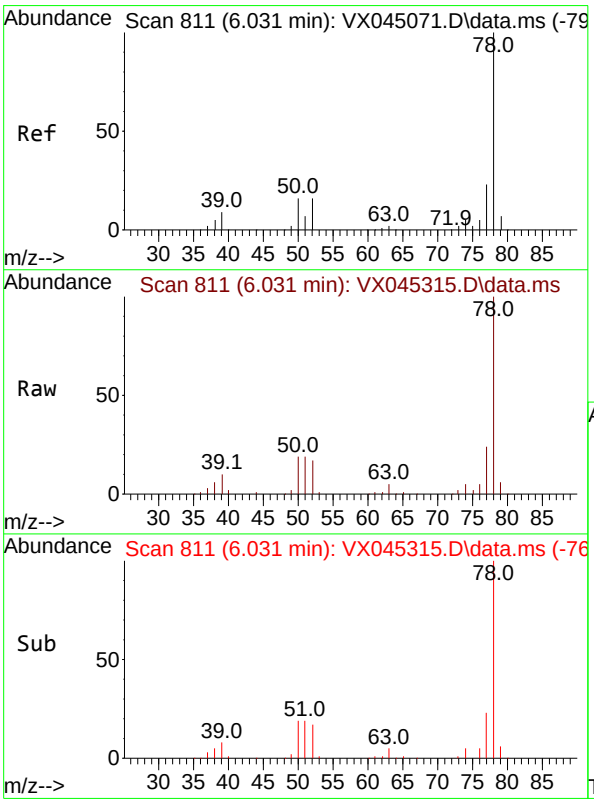
#39
Methylcyclohexane
Concen: 19.833 ug/l
RT: 7.373 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tgt Ion: 83 Resp: 39221

Ion	Ratio	Lower	Upper
83	100		
55	83.9	63.0	94.4
98	49.3	39.7	59.5

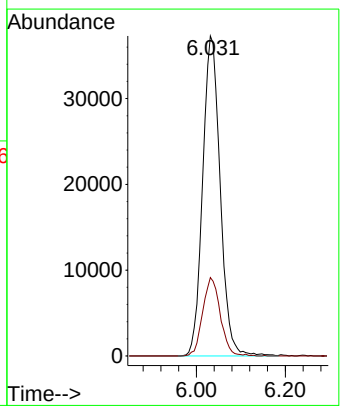


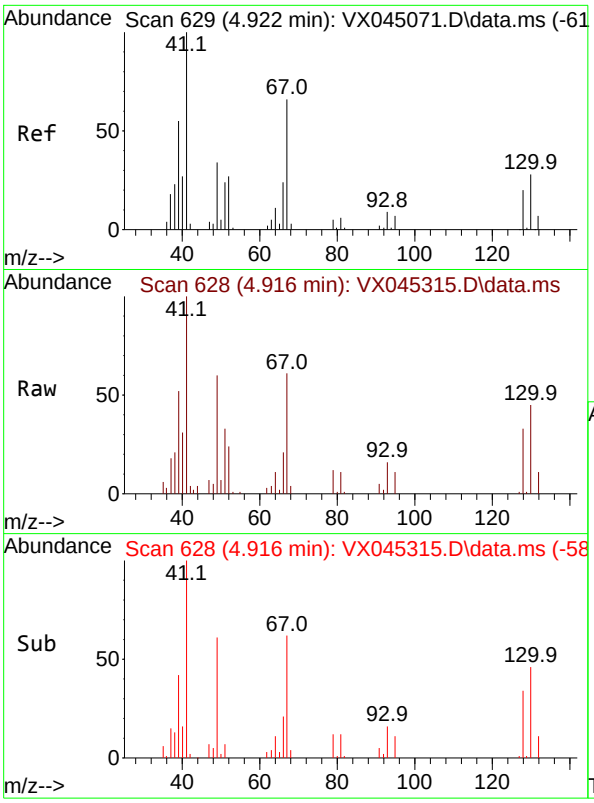


#40
Benzene
Concen: 19.688 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 78 Resp: 102609

Ion	Ratio	Lower	Upper
78	100		
77	24.5	18.8	28.2



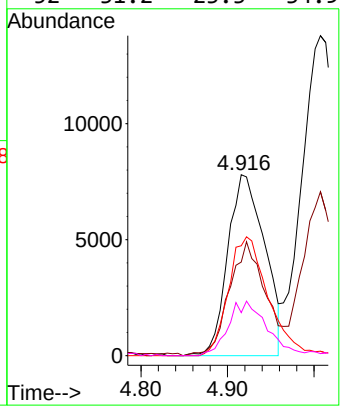


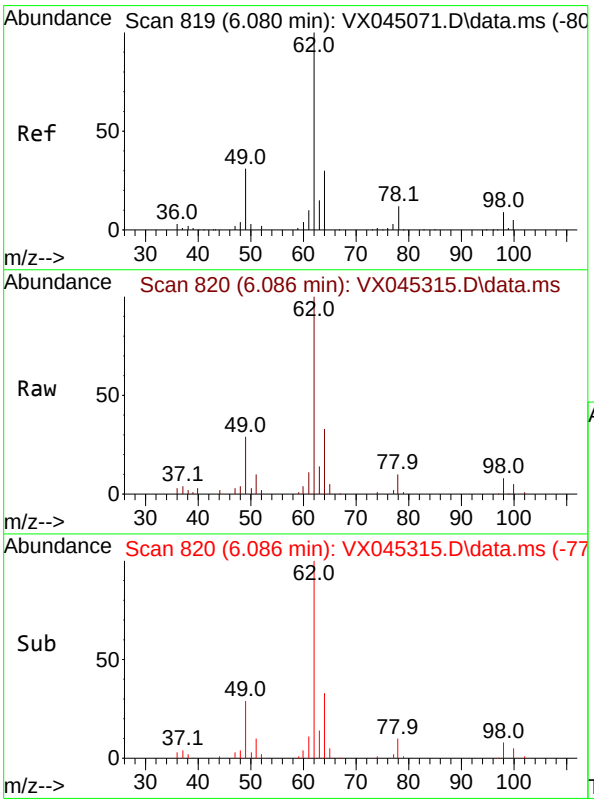
#41
Methacrylonitrile
Concen: 20.079 ug/l
RT: 4.916 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tgt Ion: 41 Resp: 23090

Ion	Ratio	Lower	Upper
41	100		
39	61.9	44.6	67.0
67	71.0	53.9	80.9
52	31.2	23.3	34.9

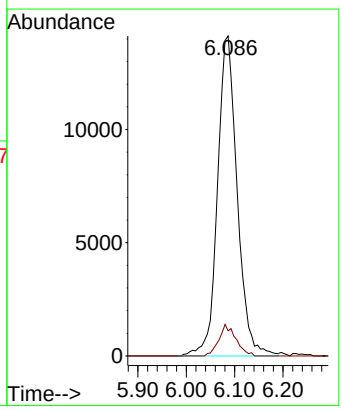


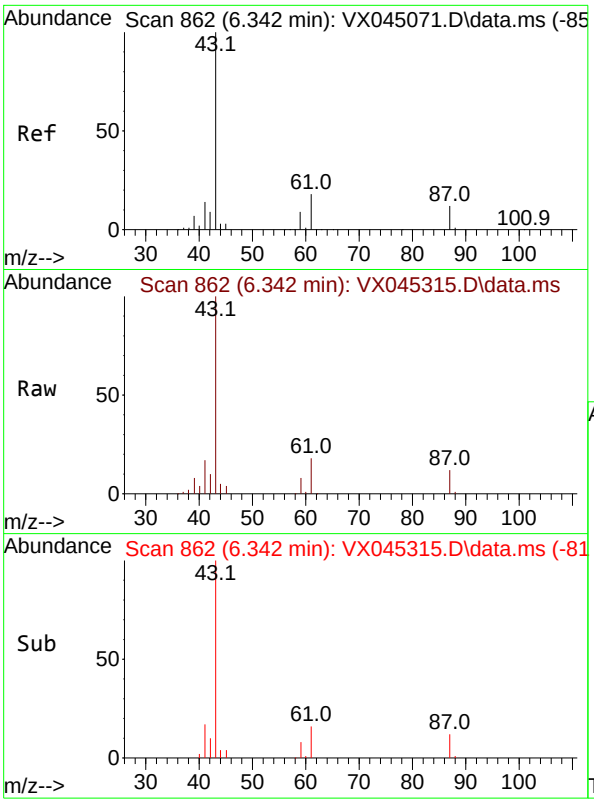


#42
1,2-Dichloroethane
Concen: 21.290 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 62 Resp: 39956

Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	18.2



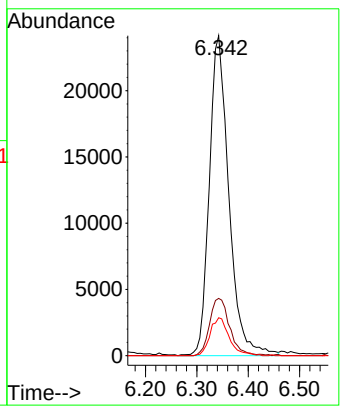


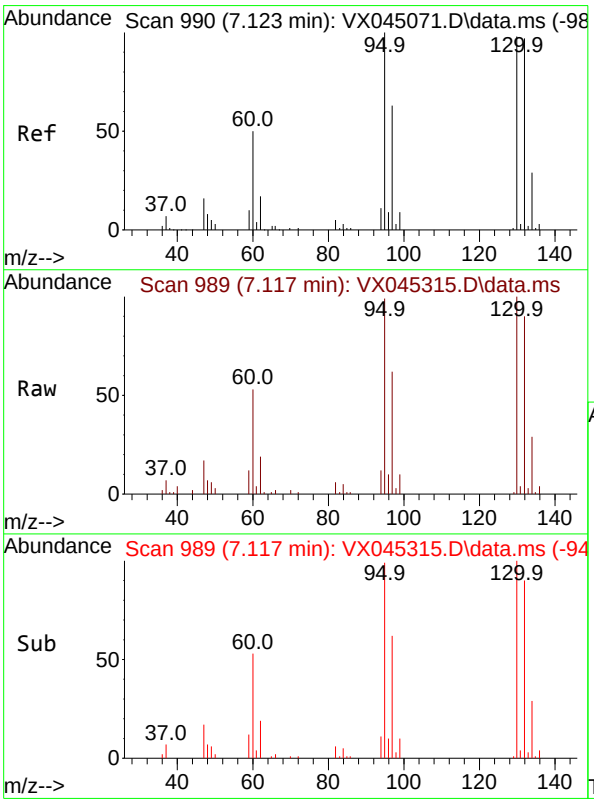
#43
Isopropyl Acetate
Concen: 20.338 ug/l
RT: 6.342 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tgt Ion: 43 Resp: 63959

Ion	Ratio	Lower	Upper
43	100		
61	18.3	14.9	22.3
87	11.6	9.4	14.2

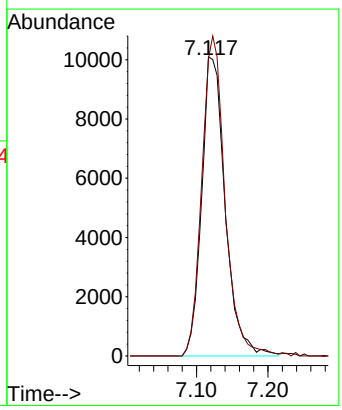


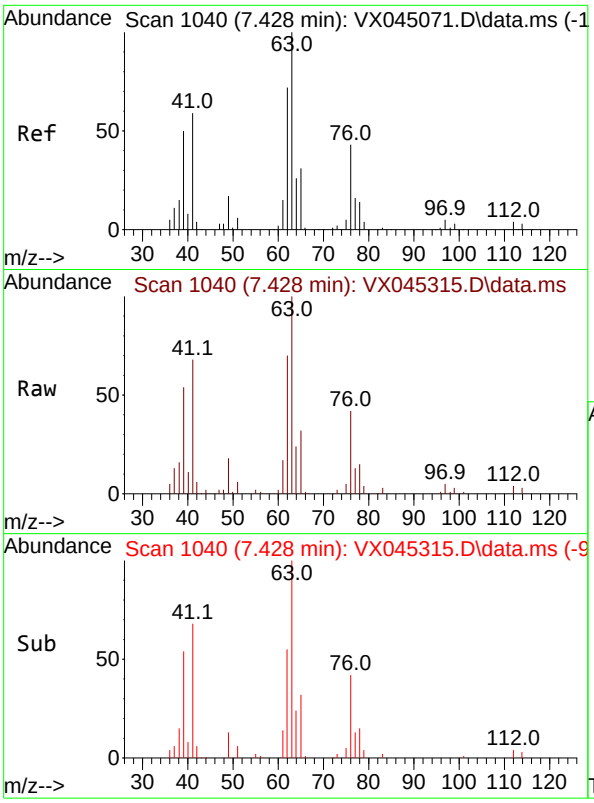


#44
Trichloroethene
Concen: 18.874 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion:130 Resp: 23097

Ion	Ratio	Lower	Upper
130	100		
95	99.3	0.0	205.0



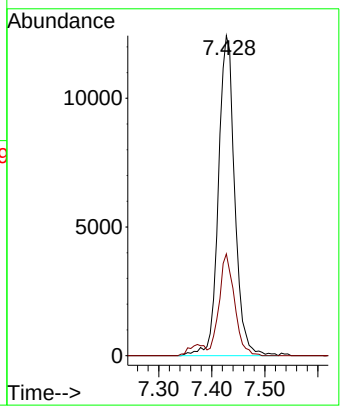


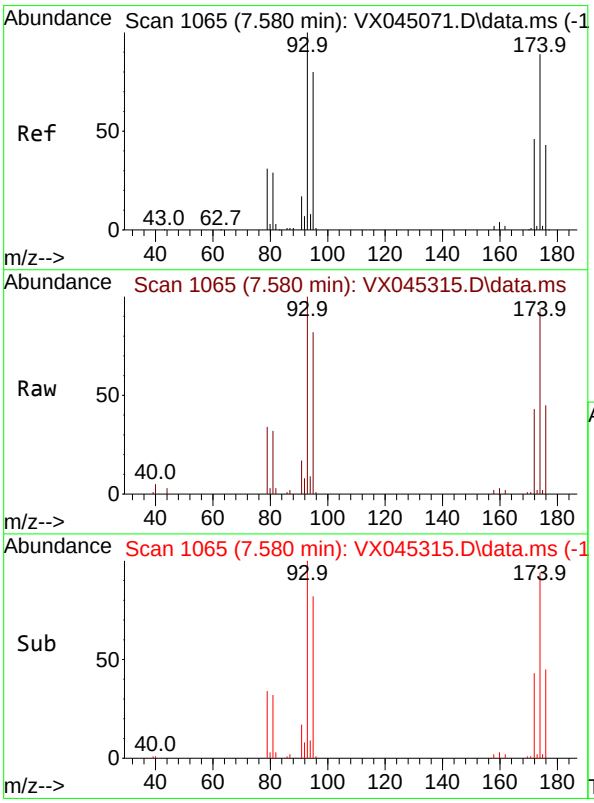
#45
1,2-Dichloropropane
Concen: 19.844 ug/l
RT: 7.428 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tgt Ion: 63 Resp: 26591

Ion	Ratio	Lower	Upper
63	100		
65	31.8	24.7	37.1

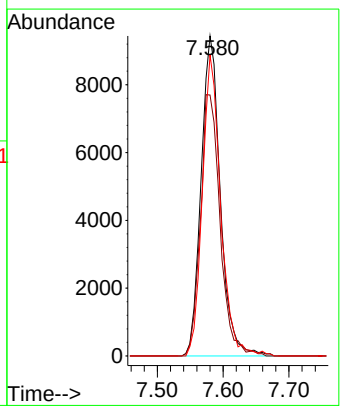


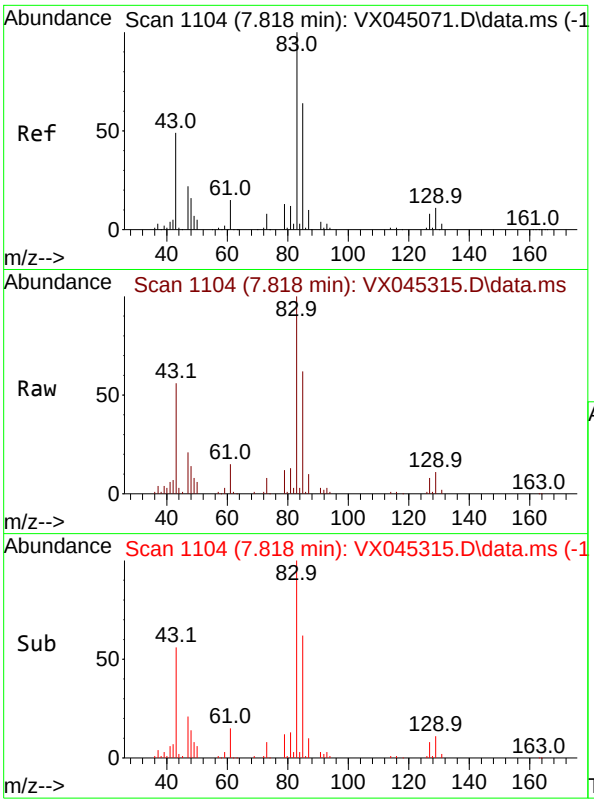


#46
Dibromomethane
Concen: 20.282 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 93 Resp: 19209

Ion	Ratio	Lower	Upper
93	100		
95	83.6	65.8	98.8
174	89.8	72.2	108.2



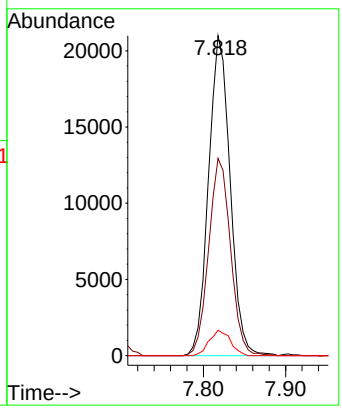


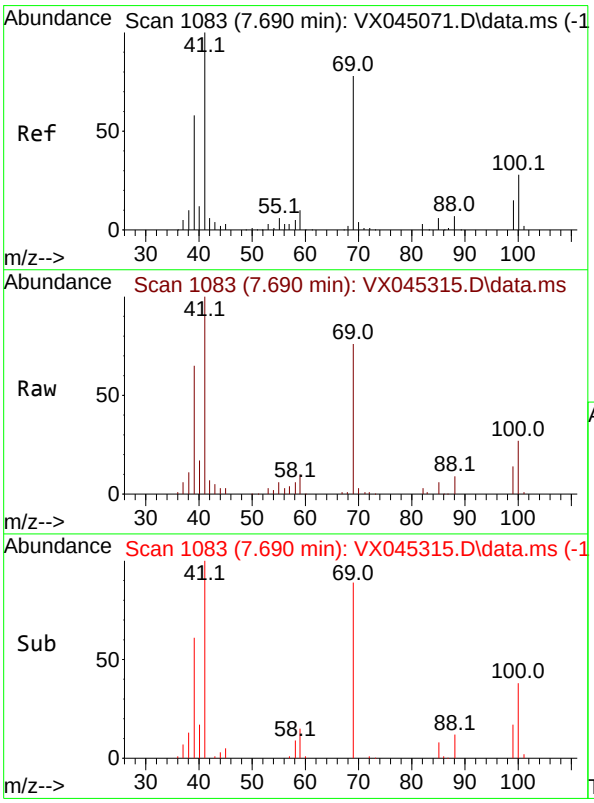
#47
Bromodichloromethane
Concen: 20.605 ug/l
RT: 7.818 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tgt Ion: 83 Resp: 38279

Ion	Ratio	Lower	Upper
83	100		
85	61.7	51.1	76.7
127	7.9	6.4	9.6

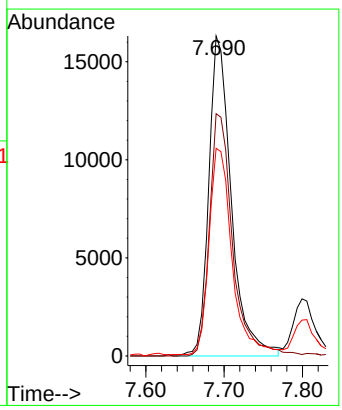


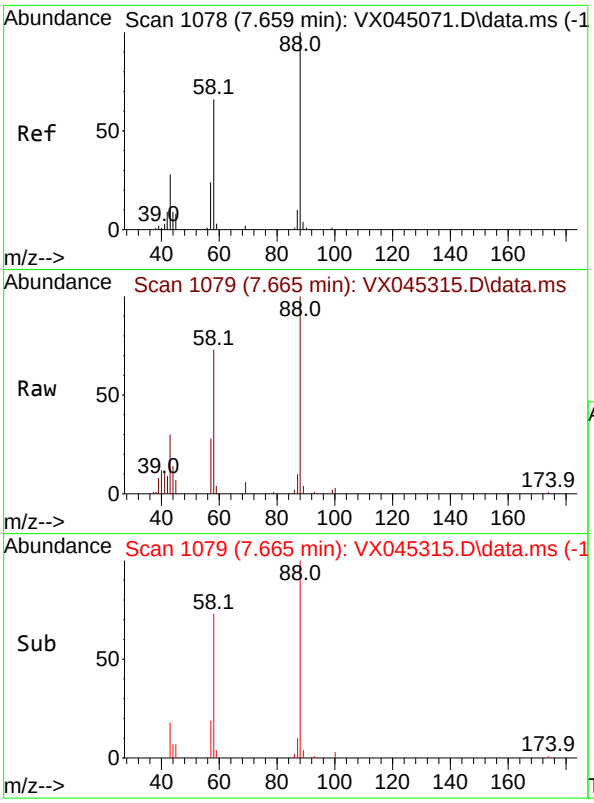


#48
Methyl methacrylate
Concen: 20.645 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 41 Resp: 32572

Ion	Ratio	Lower	Upper
41	100		
69	77.9	63.0	94.6
39	65.9	47.5	71.3



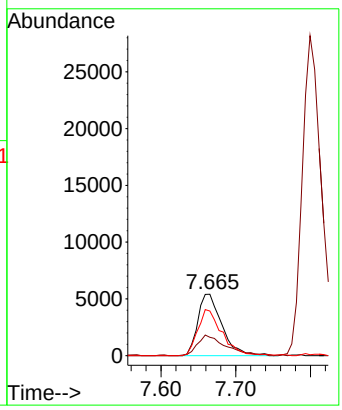


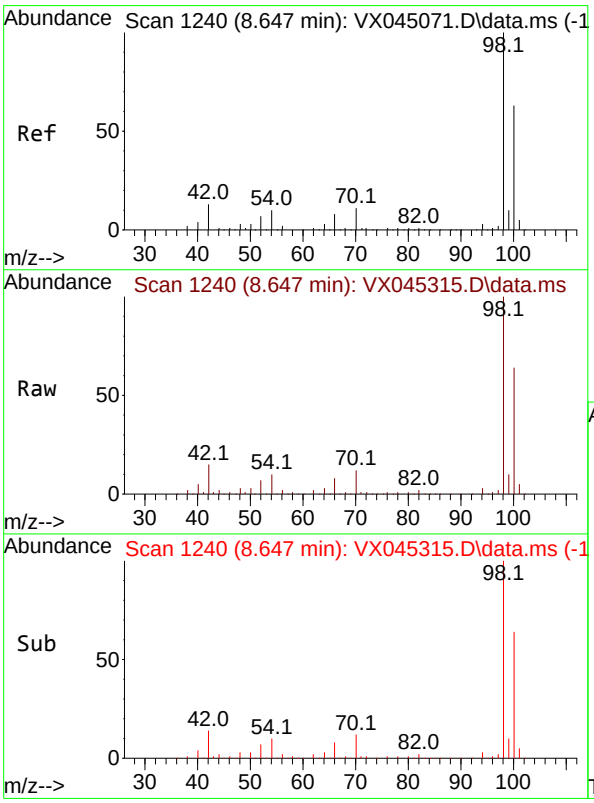
#49
1,4-Dioxane
Concen: 362.201 ug/l
RT: 7.665 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tgt Ion: 88 Resp: 12054

Ion	Ratio	Lower	Upper
88	100		
43	39.2	28.7	43.1
58	75.8	55.8	83.8

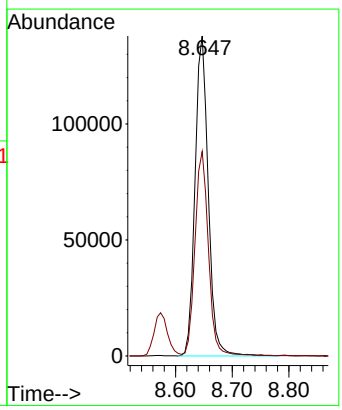


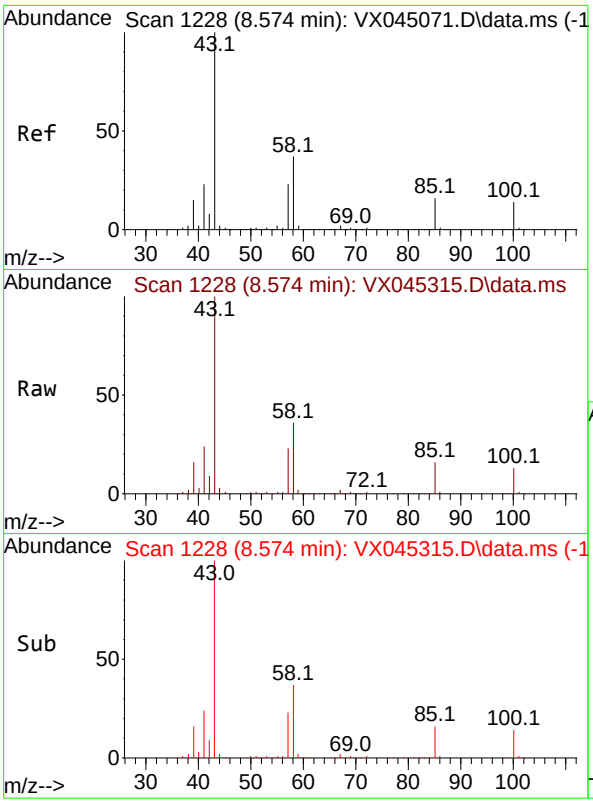


#50
Toluene-d8
Concen: 51.202 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 98 Resp: 223393

Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.0	78.0



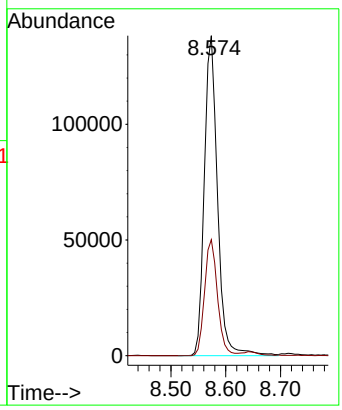


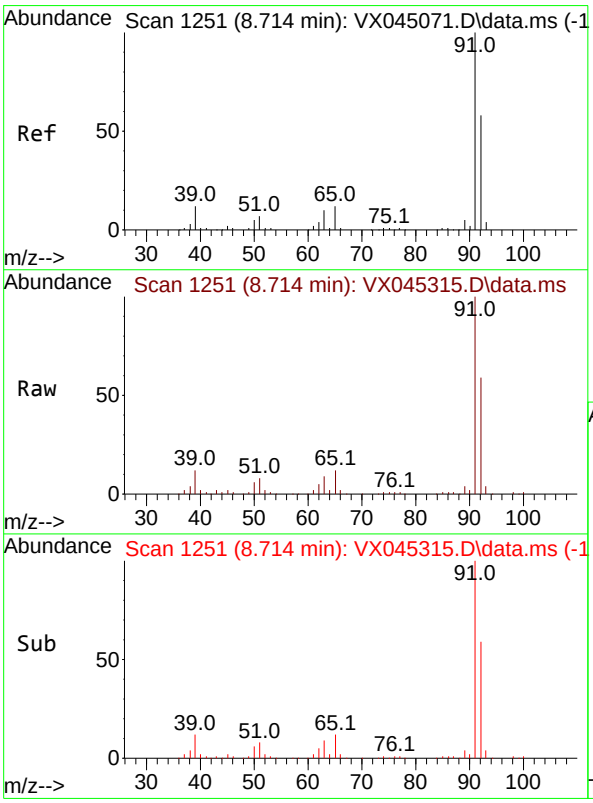
#51
4-Methyl-2-Pentanone
Concen: 109.054 ug/l
RT: 8.574 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tgt Ion: 43 Resp: 230272

Ion	Ratio	Lower	Upper
43	100		
58	35.6	29.2	43.8

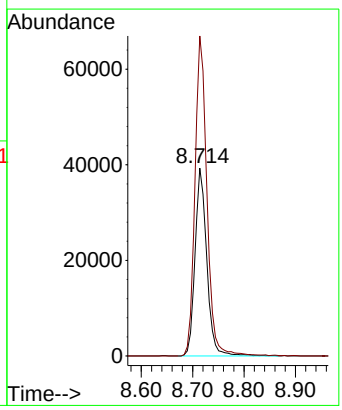


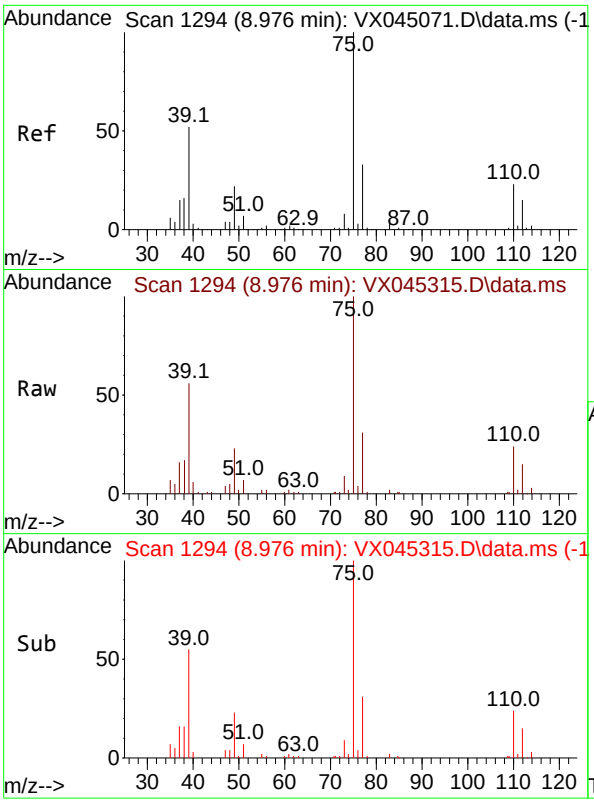


#52
Toluene
Concen: 20.477 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 92 Resp: 62616

Ion	Ratio	Lower	Upper
92	100		
91	173.7	138.9	208.3



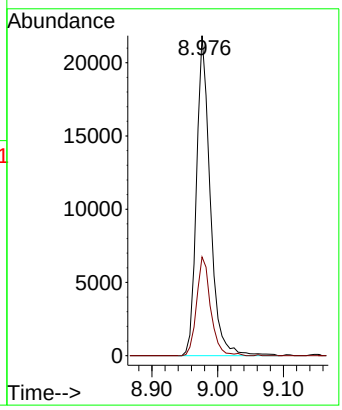


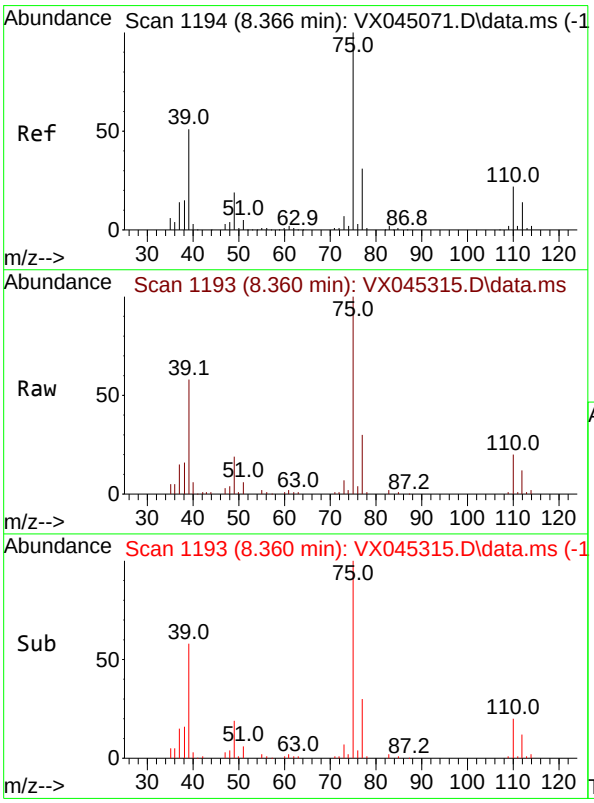
#53
t-1,3-Dichloropropene
Concen: 20.424 ug/l
RT: 8.976 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tgt Ion: 75 Resp: 31720

Ion	Ratio	Lower	Upper
75	100		
77	30.8	26.5	39.7

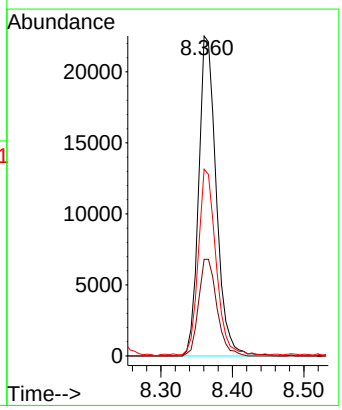


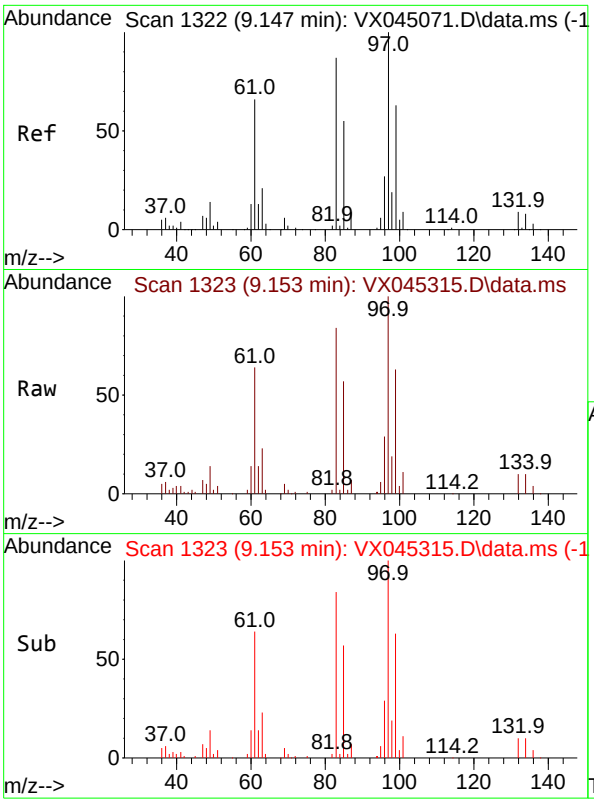


#54
cis-1,3-Dichloropropene
Concen: 21.174 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 75 Resp: 38346

Ion	Ratio	Lower	Upper
75	100		
77	30.2	24.7	37.1
39	58.0	40.7	61.1



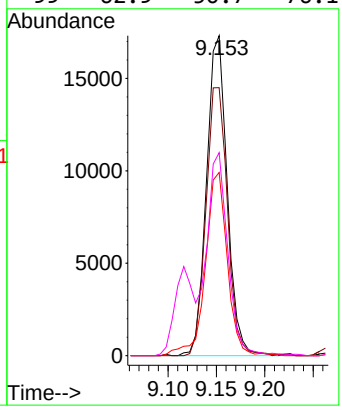


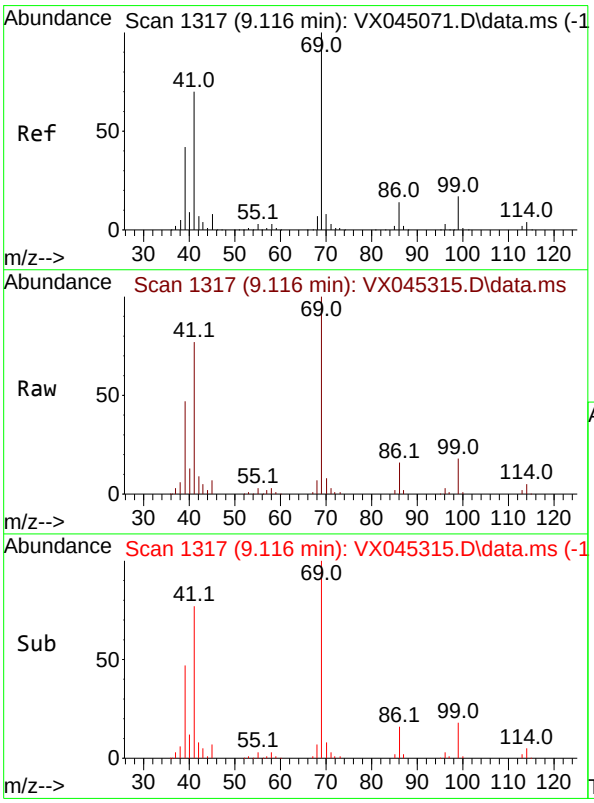
#55
1,1,2-Trichloroethane
Concen: 20.490 ug/l
RT: 9.153 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tgt Ion: 97 Resp: 25793

Ion	Ratio	Lower	Upper
97	100		
83	83.7	69.4	104.2
85	56.9	44.1	66.1
99	62.9	50.7	76.1

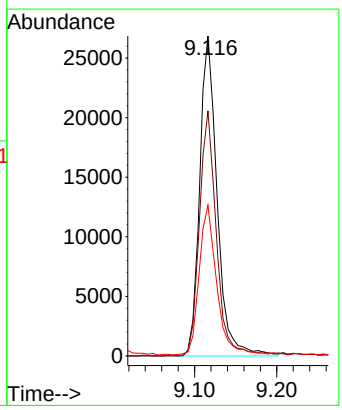


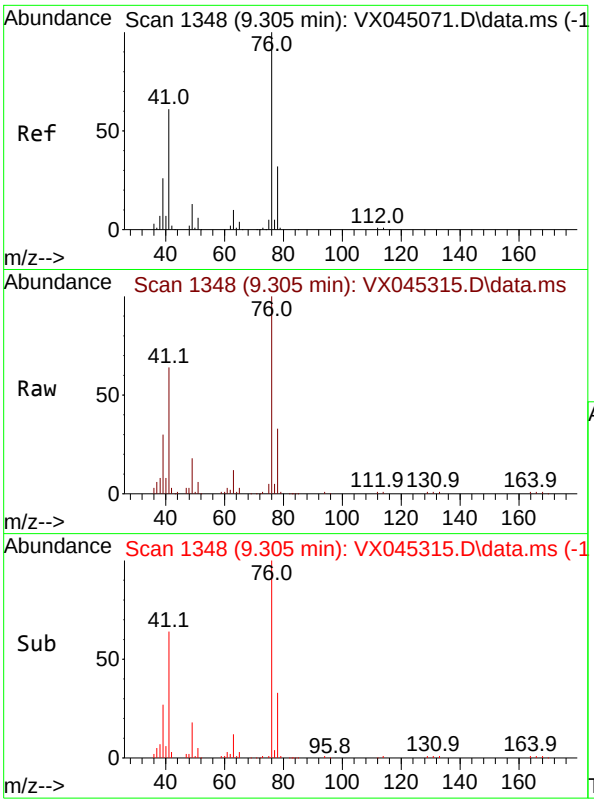


#56
Ethyl methacrylate
Concen: 20.698 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 69 Resp: 39605

Ion	Ratio	Lower	Upper
69	100		
41	75.6	57.0	85.4
39	47.1	34.2	51.4



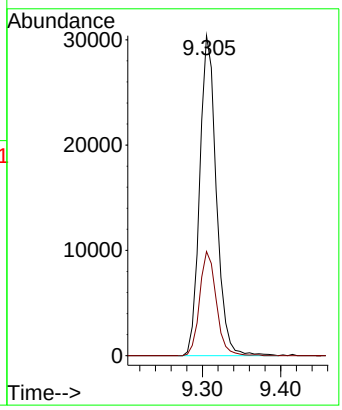


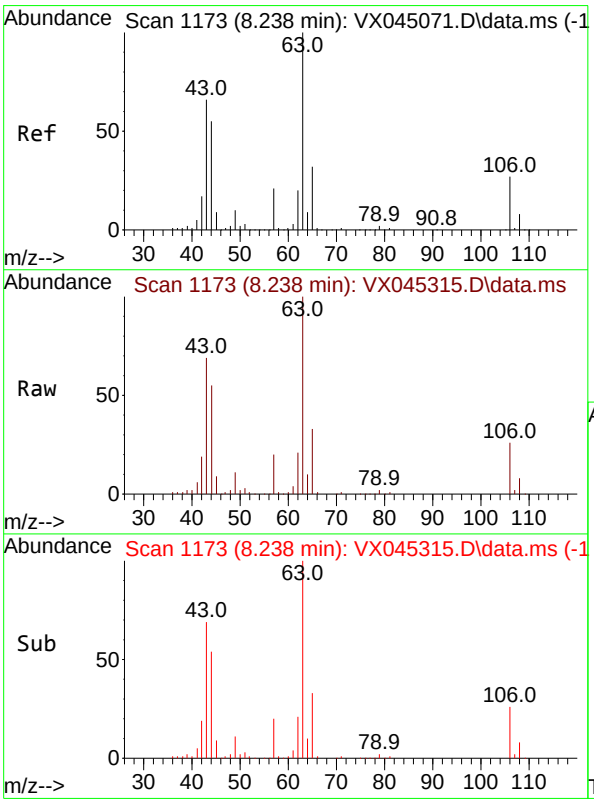
#57
1,3-Dichloropropane
Concen: 20.567 ug/l
RT: 9.305 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tgt Ion: 76 Resp: 44804

Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.5	38.3

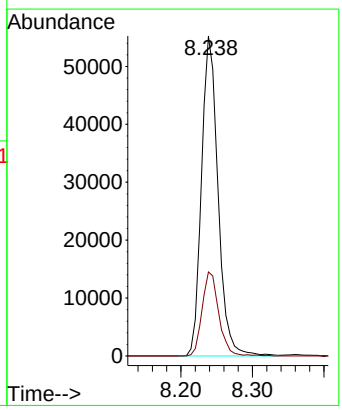


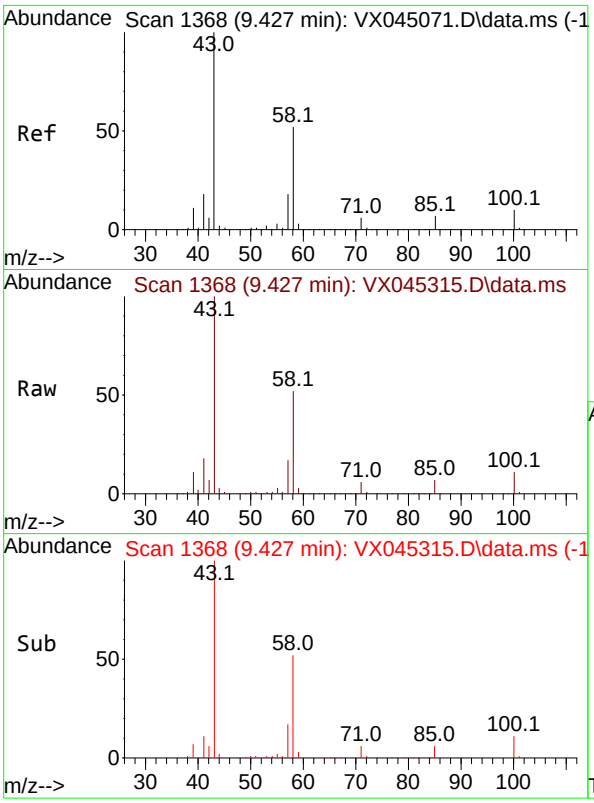


#58
2-Chloroethyl Vinyl ether
Concen: 95.056 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 63 Resp: 88727

Ion	Ratio	Lower	Upper
63	100		
106	26.5	21.5	32.3



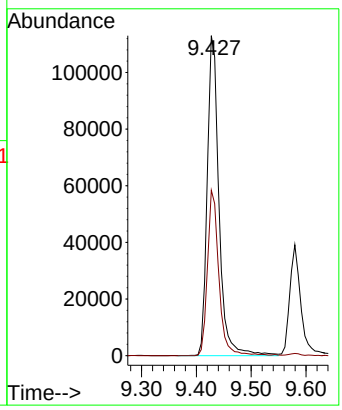


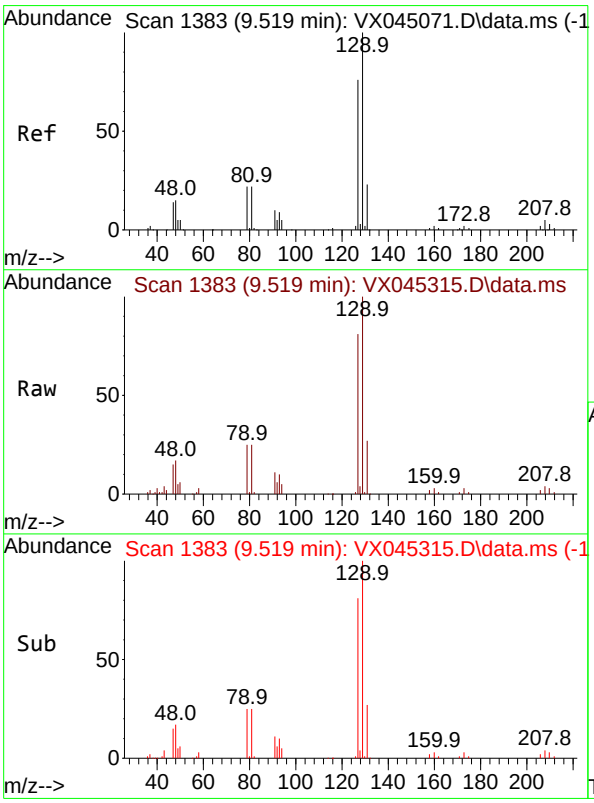
#59
2-Hexanone
Concen: 109.574 ug/l
RT: 9.427 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tgt Ion: 43 Resp: 167637

Ion	Ratio	Lower	Upper
43	100		
58	50.2	25.9	77.6

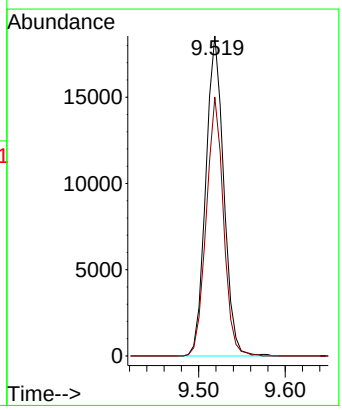


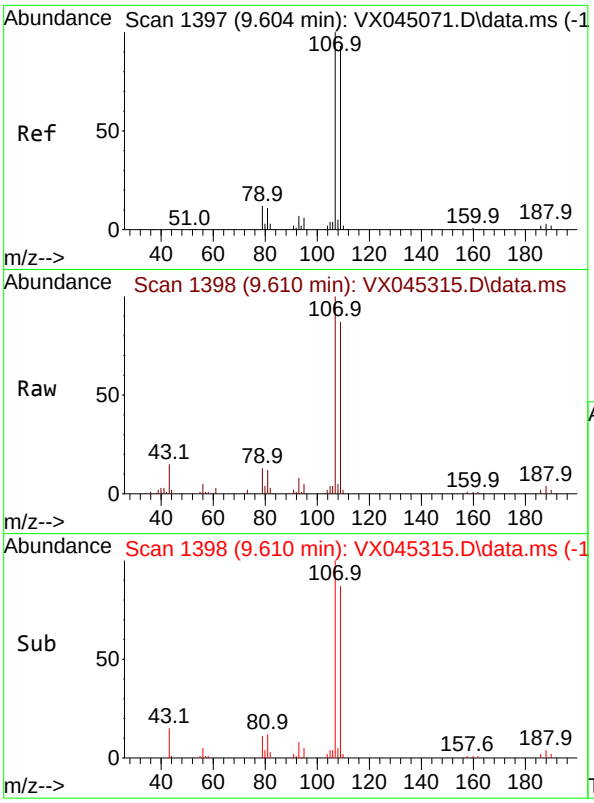


#60
Dibromochloromethane
Concen: 20.275 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion:129 Resp: 26686

Ion	Ratio	Lower	Upper
129	100		
127	77.5	38.5	115.5



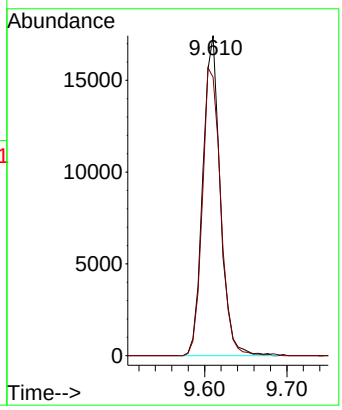


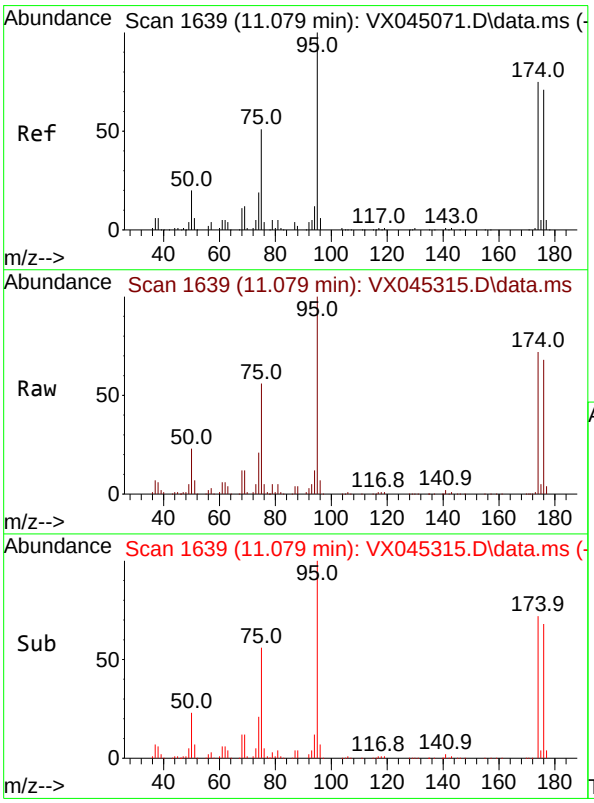
#61
1,2-Dibromoethane
Concen: 20.423 ug/l
RT: 9.610 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tgt Ion:107 Resp: 25665

Ion	Ratio	Lower	Upper
107	100		
109	94.4	76.1	114.1

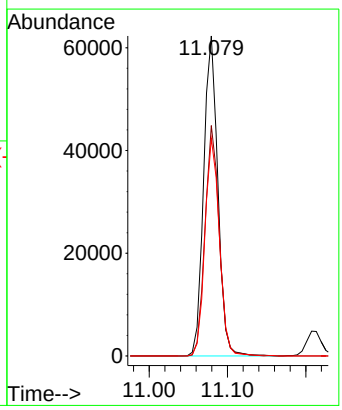


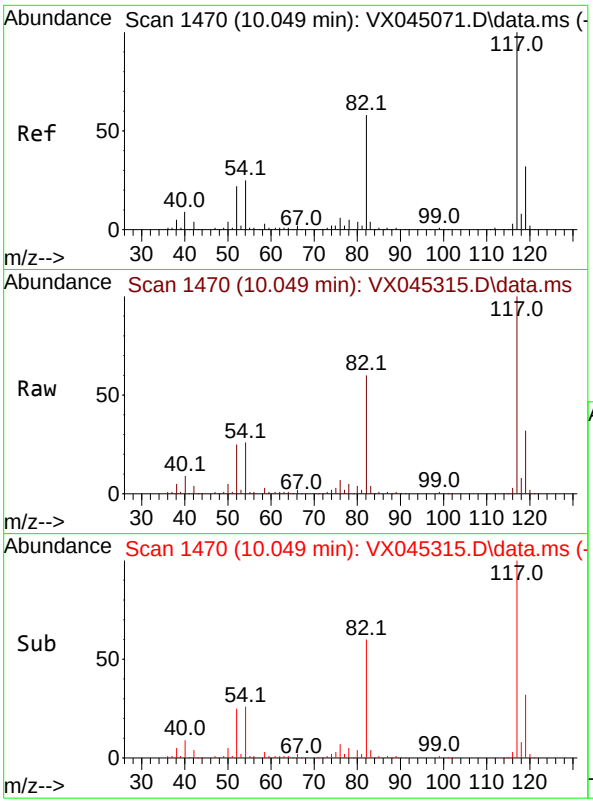


#62
4-Bromofluorobenzene
Concen: 54.144 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 95 Resp: 78279

Ion	Ratio	Lower	Upper
95	100		
174	72.0	0.0	148.2
176	69.1	0.0	141.4



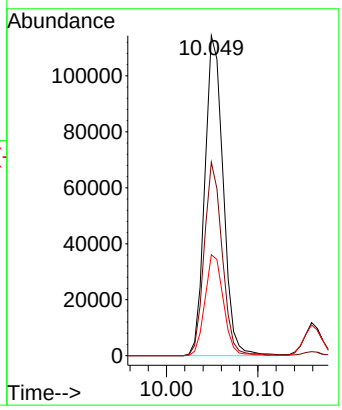


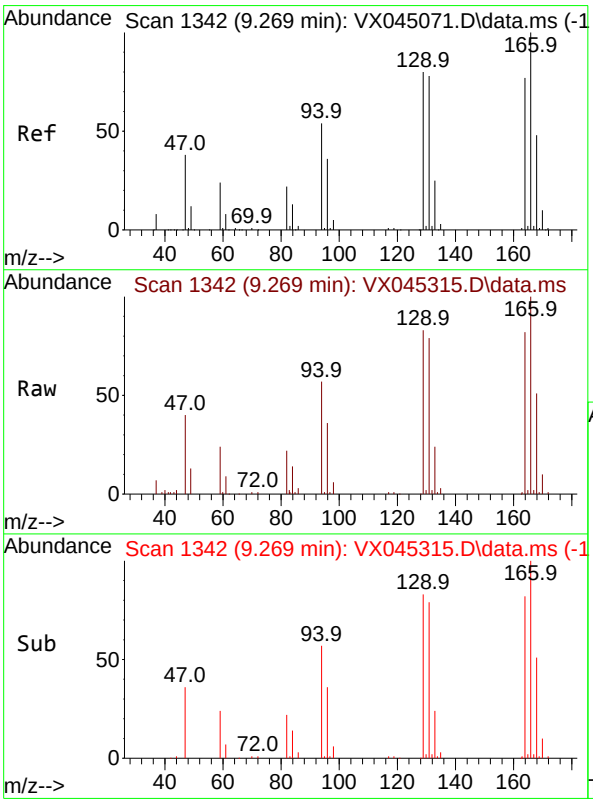
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tgt Ion:117 Resp: 159085

Ion	Ratio	Lower	Upper
117	100		
82	60.5	46.3	69.5
119	31.5	25.7	38.5

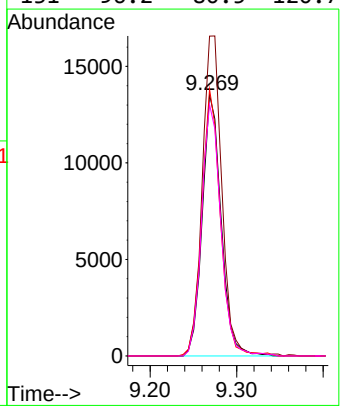


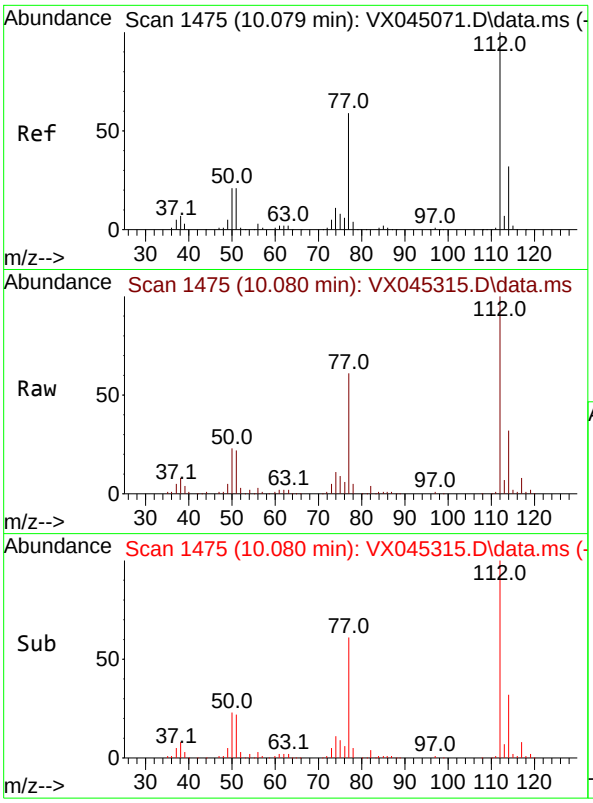


#64
Tetrachloroethene
Concen: 20.025 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion:164 Resp: 20403

Ion	Ratio	Lower	Upper
164	100		
166	122.4	103.6	155.4
129	102.2	82.7	124.1
131	96.2	80.5	120.7



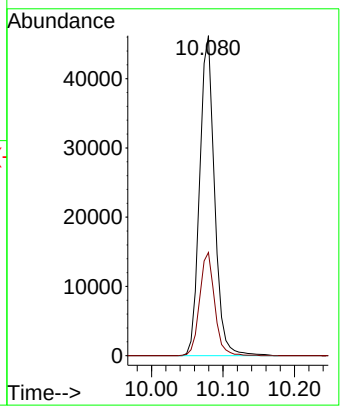


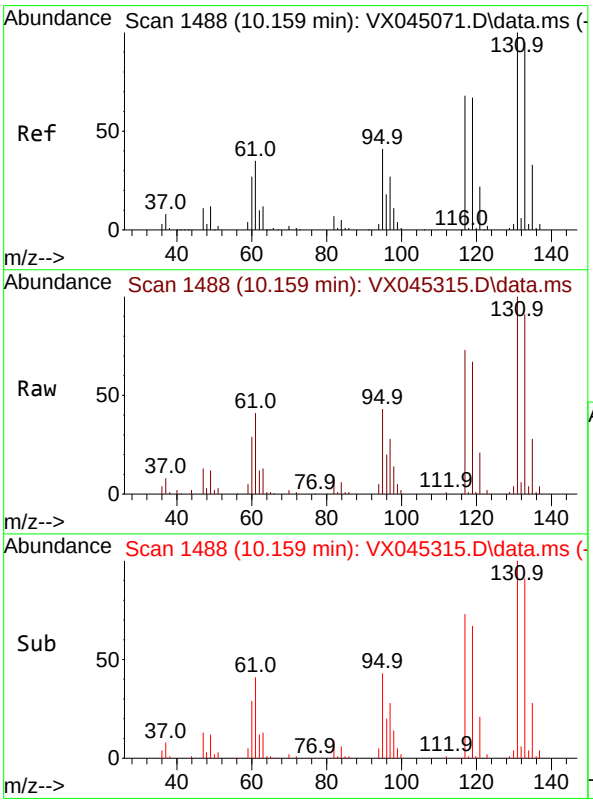
#65
Chlorobenzene
Concen: 19.853 ug/l
RT: 10.080 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tgt Ion:112 Resp: 66830

Ion	Ratio	Lower	Upper
112	100		
114	32.2	26.0	39.0

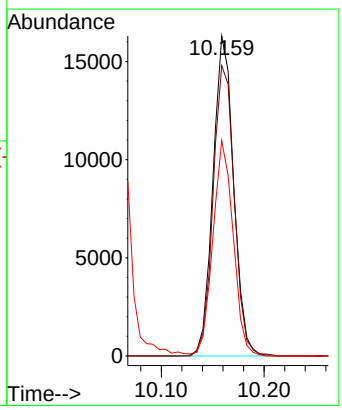


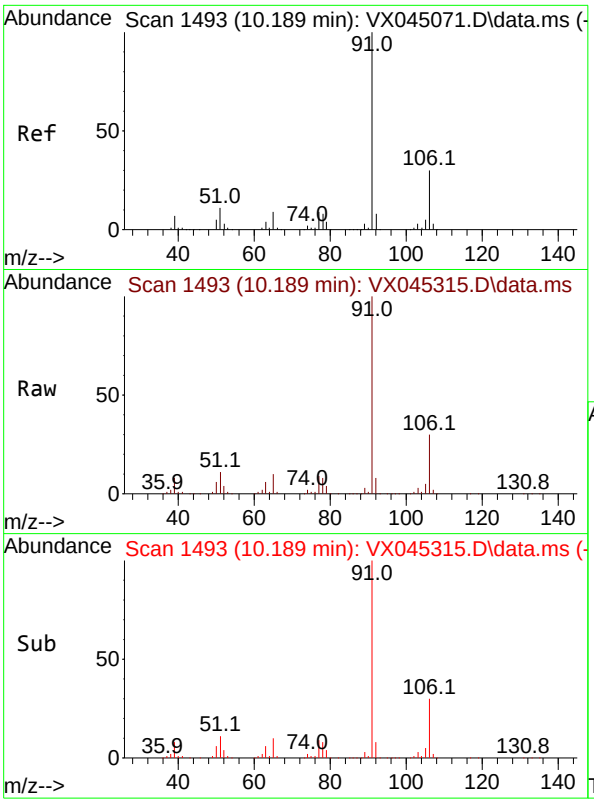


#66
1,1,1,2-Tetrachloroethane
Concen: 20.200 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion:131 Resp: 22645

Ion	Ratio	Lower	Upper
131	100		
133	93.2	48.6	145.9
119	66.1	33.9	101.7



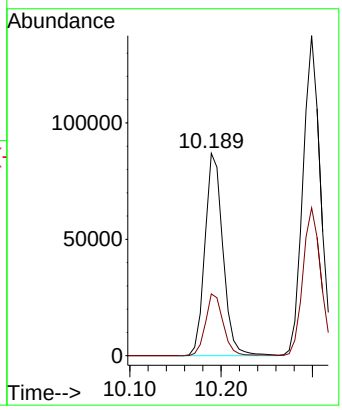


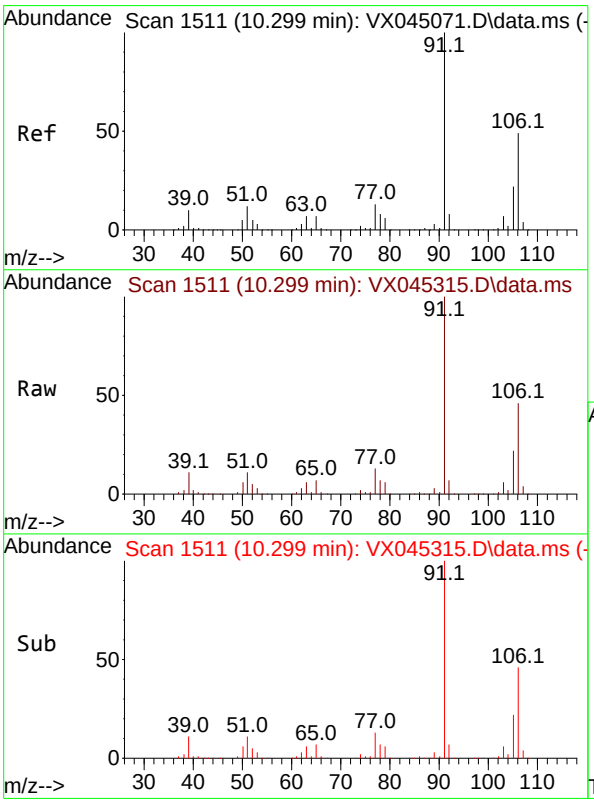
#67
Ethyl Benzene
Concen: 20.290 ug/l
RT: 10.189 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tgt Ion: 91 Resp: 119008

Ion	Ratio	Lower	Upper
91	100		
106	30.5	23.9	35.9

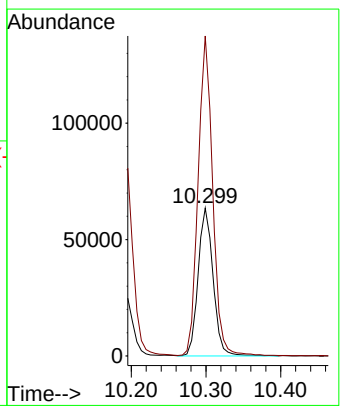


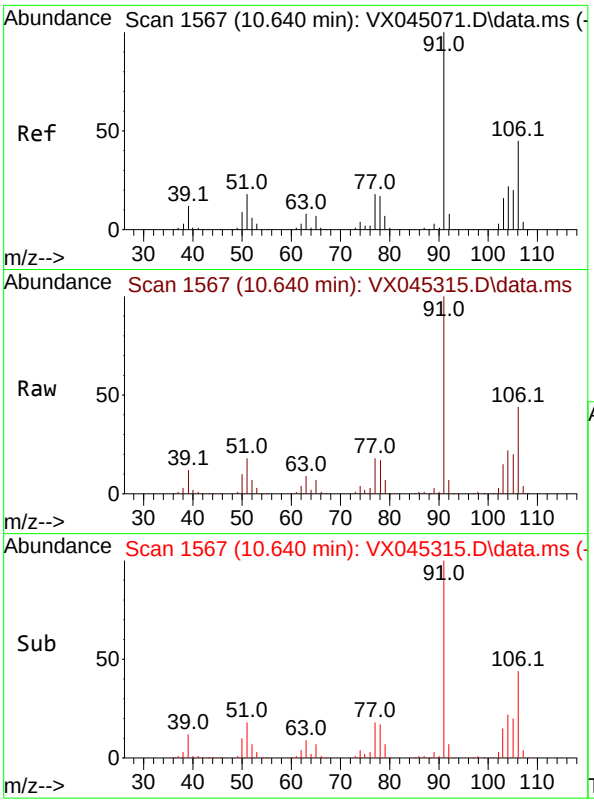


#68
m/p-Xylenes
Concen: 41.222 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion:106 Resp: 88510

Ion	Ratio	Lower	Upper
106	100		
91	210.4	165.4	248.0



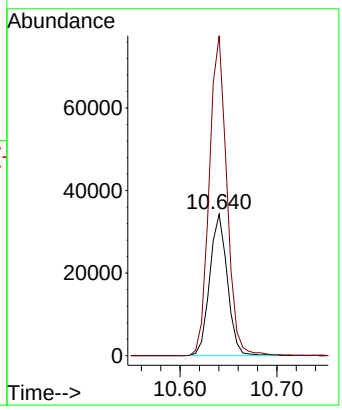


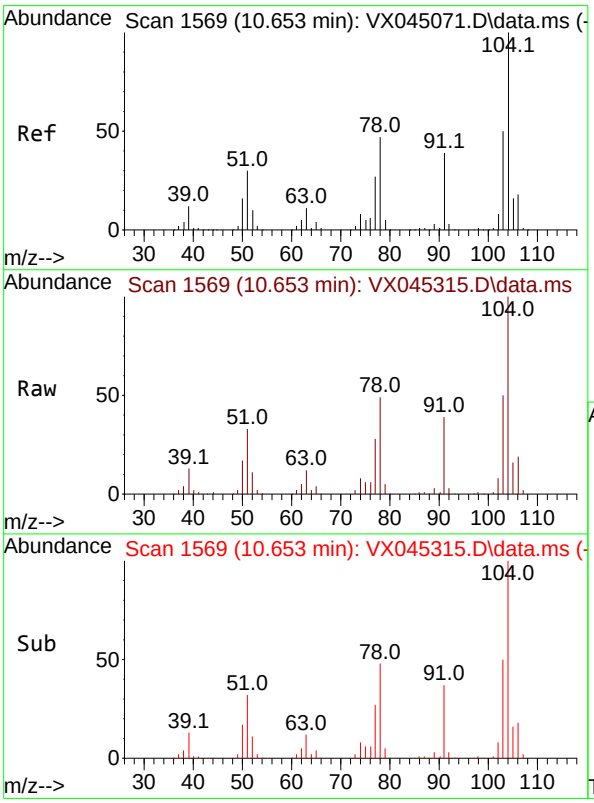
#69
o-Xylene
Concen: 20.101 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tgt Ion:106 Resp: 43529

Ion	Ratio	Lower	Upper
106	100		
91	225.8	109.9	329.6

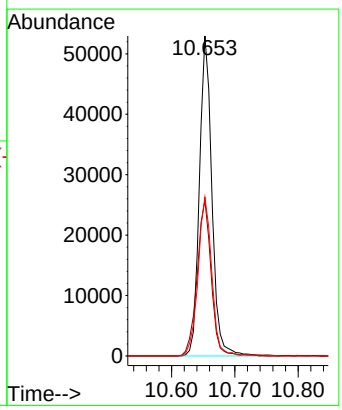


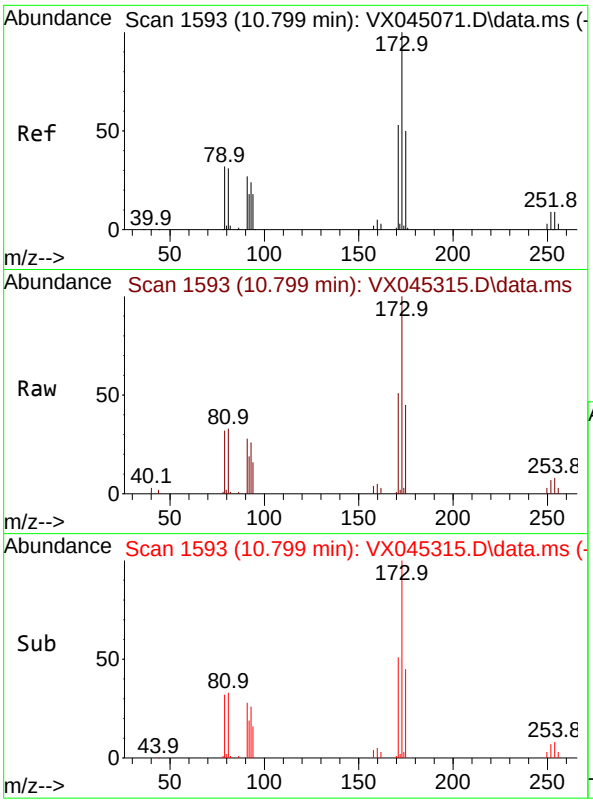


#70
Styrene
Concen: 20.855 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion:104 Resp: 73075

Ion	Ratio	Lower	Upper
104	100		
78	54.7	42.2	63.4
103	54.3	43.8	65.8



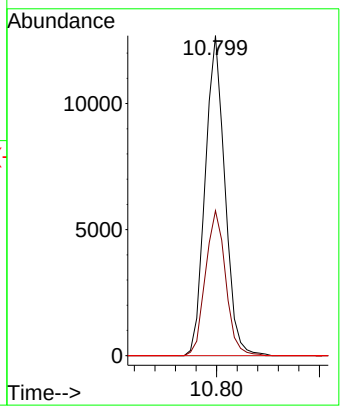


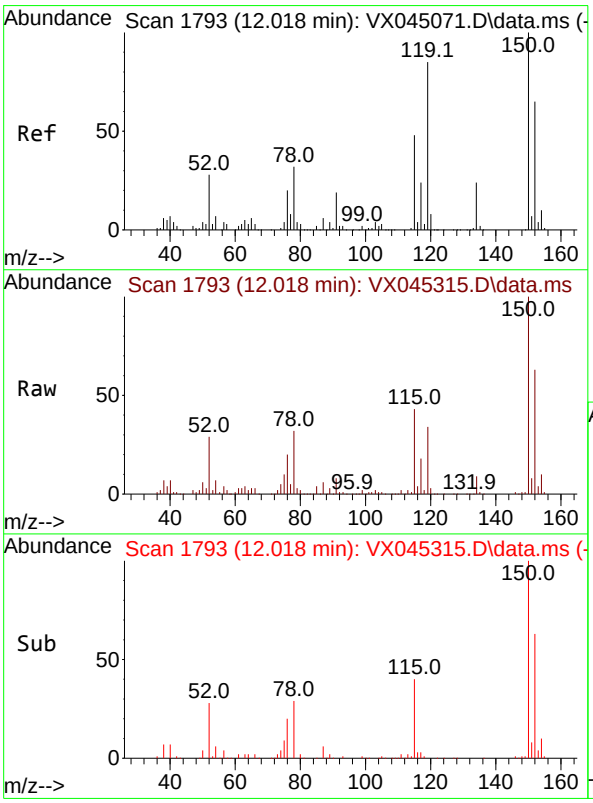
#71
Bromoform
Concen: 19.960 ug/l
RT: 10.799 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tgt Ion:173 Resp: 16873

Ion	Ratio	Lower	Upper
173	100		
175	46.6	24.6	73.6
254	0.0	0.0	0.0

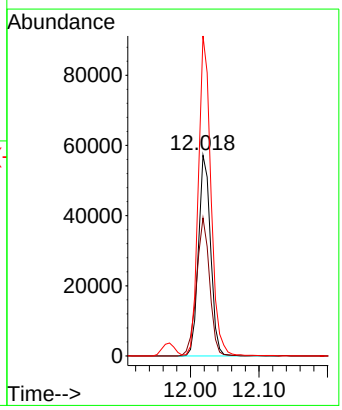


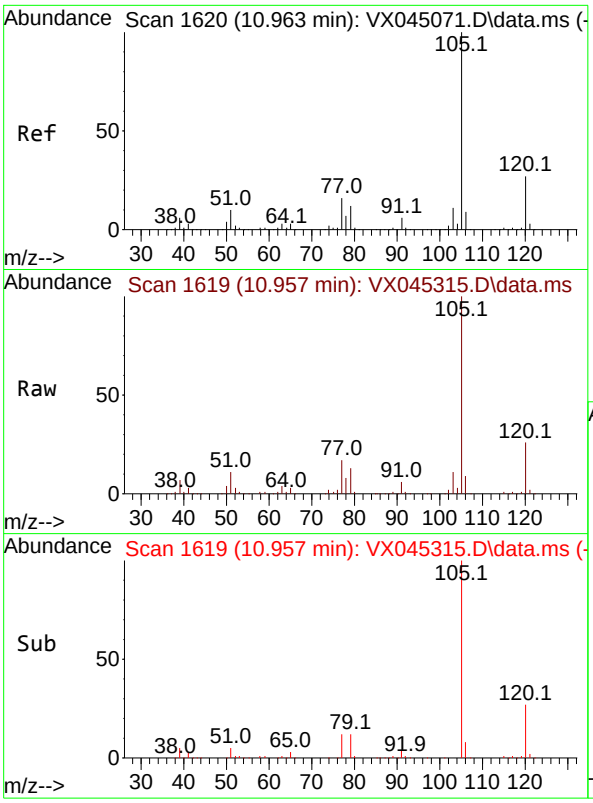


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion:152 Resp: 70581

Ion	Ratio	Lower	Upper
152	100		
115	74.1	44.2	132.6
150	164.7	0.0	349.0



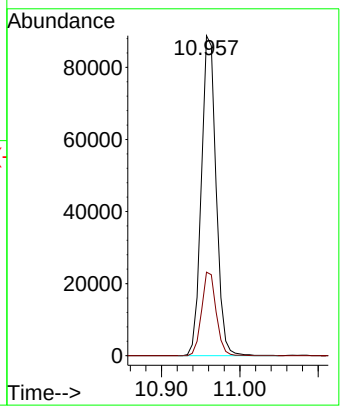


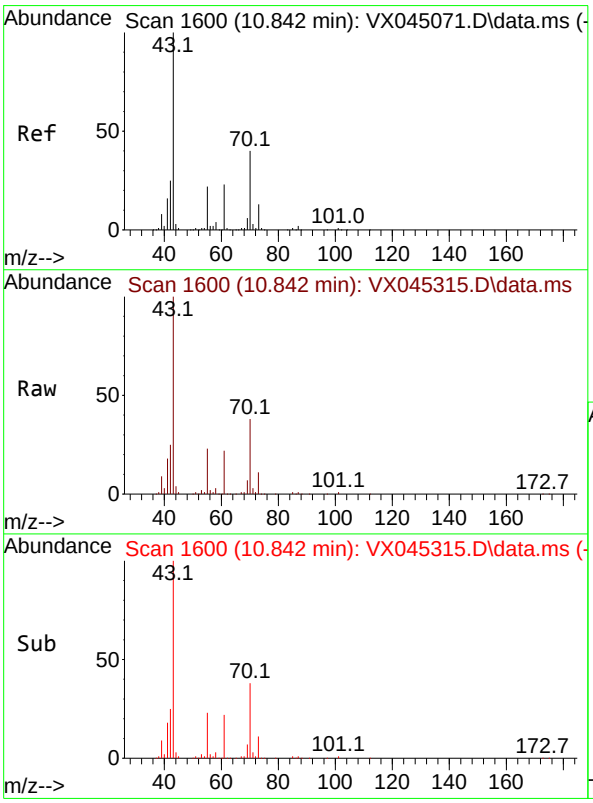
#73
Isopropylbenzene
Concen: 21.006 ug/l
RT: 10.957 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tgt Ion:105 Resp: 115722

Ion	Ratio	Lower	Upper
105	100		
120	25.8	13.2	39.5

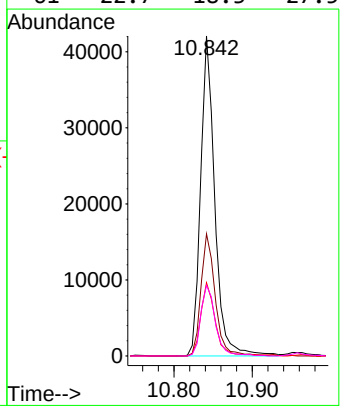


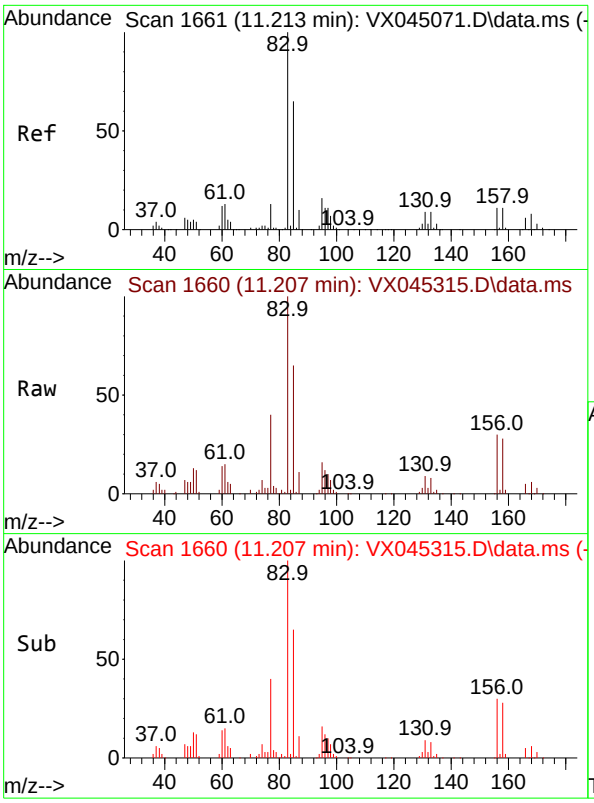


#74
N-amyl acetate
Concen: 20.478 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 43 Resp: 52935

Ion	Ratio	Lower	Upper
43	100		
70	38.3	31.8	47.6
55	23.6	18.3	27.5
61	22.7	18.3	27.5



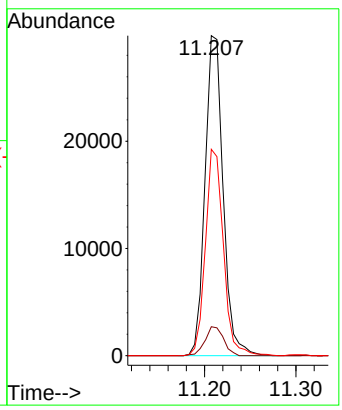


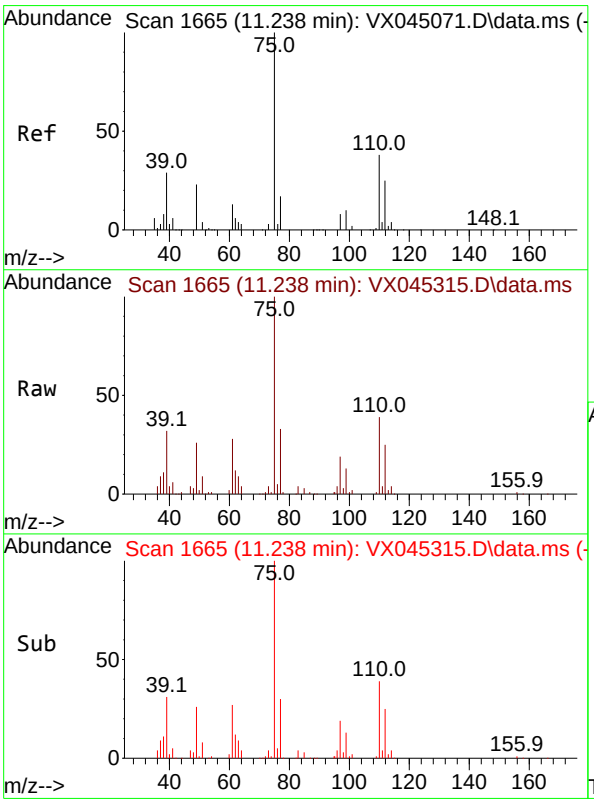
#75
1,1,2,2-Tetrachloroethane
Concen: 20.233 ug/l
RT: 11.207 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tgt Ion: 83 Resp: 40904

Ion	Ratio	Lower	Upper
83	100		
131	9.3	4.5	13.4
85	64.2	31.7	95.1

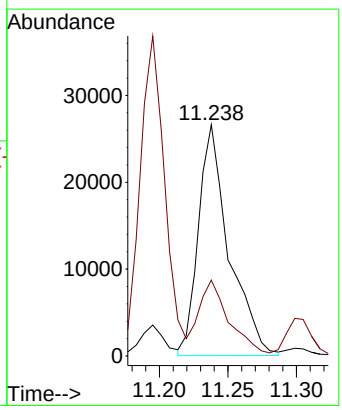


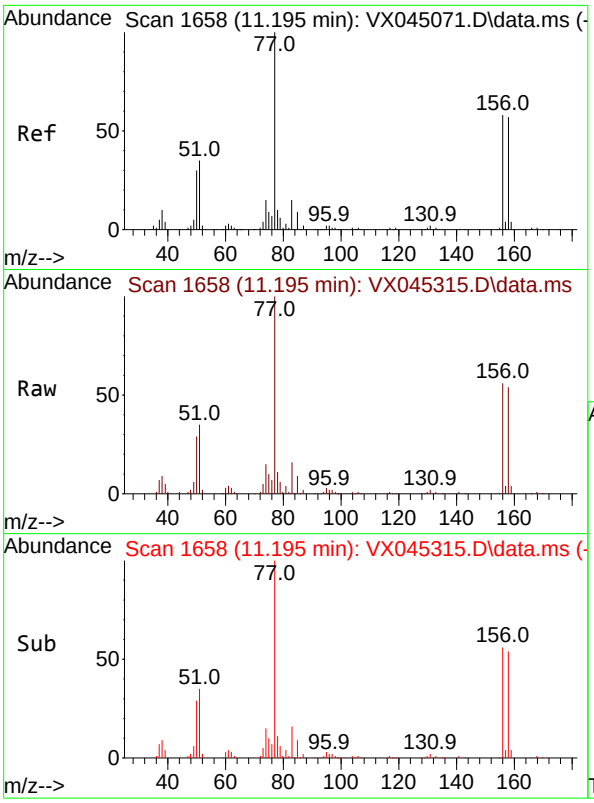


#76
1,2,3-Trichloropropane
Concen: 25.147 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 75 Resp: 41311

Ion	Ratio	Lower	Upper
75	100		
77	32.7	20.7	62.1



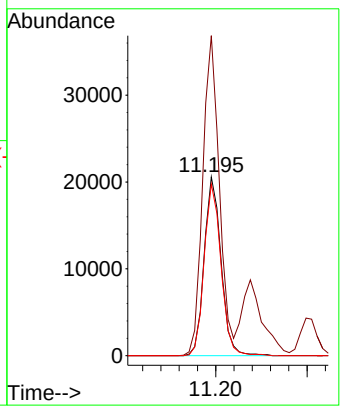


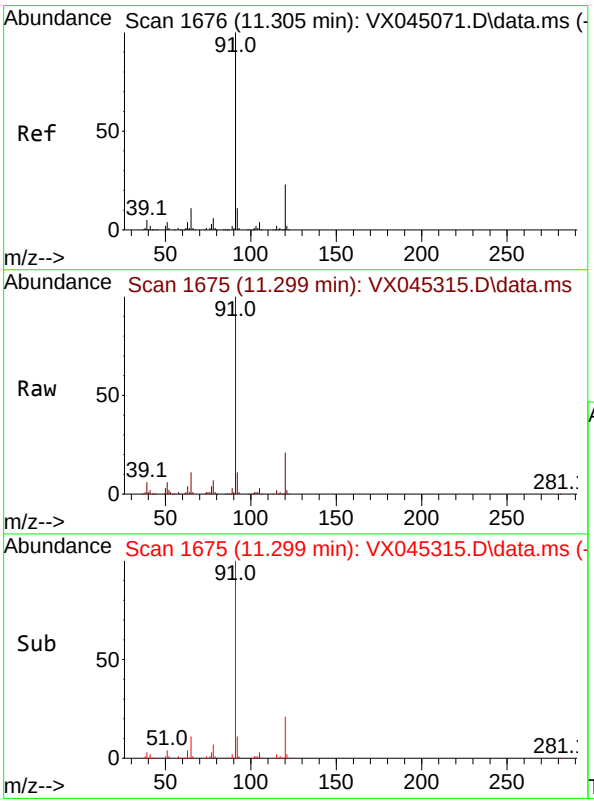
#77
Bromobenzene
Concen: 20.305 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tgt Ion:156 Resp: 26393

Ion	Ratio	Lower	Upper
156	100		
77	175.9	85.8	257.4
158	96.0	48.4	145.2

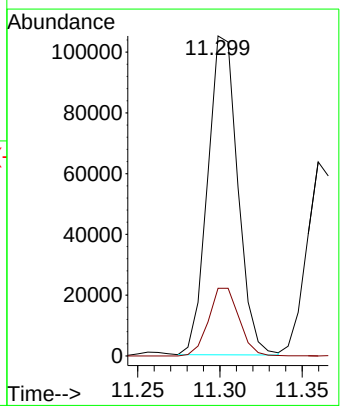


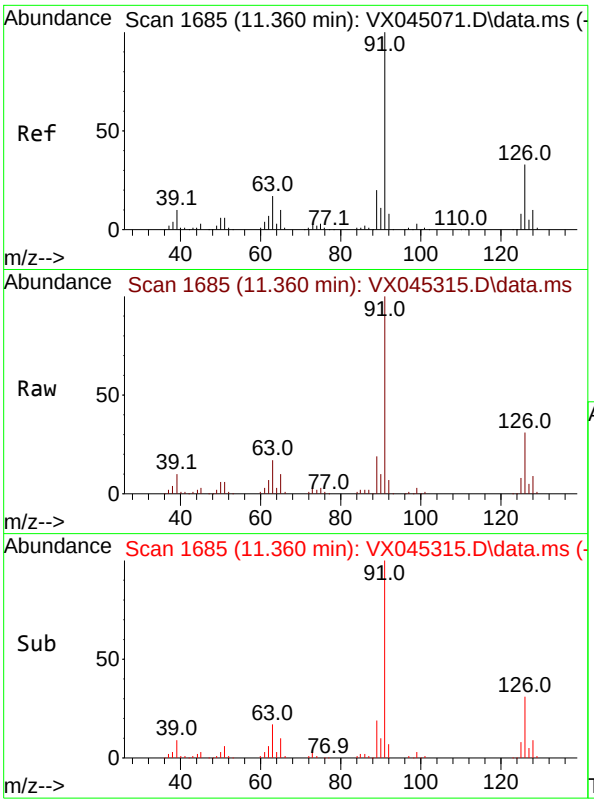


#78
n-propylbenzene
Concen: 21.500 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 91 Resp: 133799

Ion	Ratio	Lower	Upper
91	100		
120	21.6	11.2	33.6



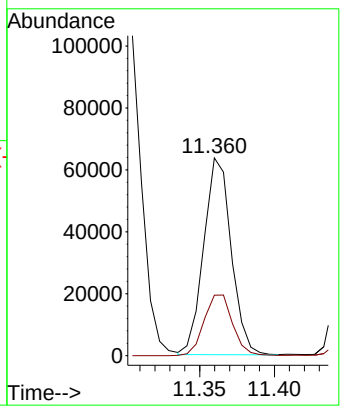


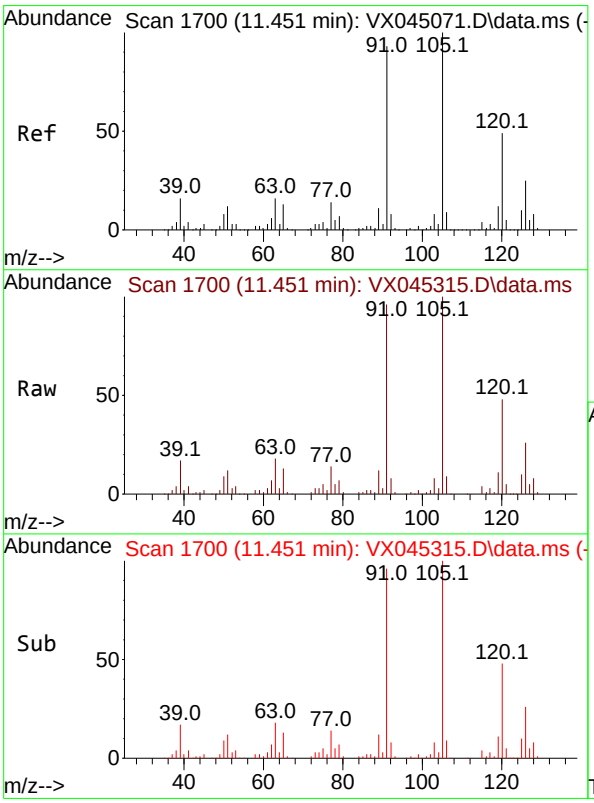
#79
2-Chlorotoluene
Concen: 20.531 ug/l
RT: 11.360 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tgt Ion: 91 Resp: 81371

Ion	Ratio	Lower	Upper
91	100		
126	32.1	16.4	49.4

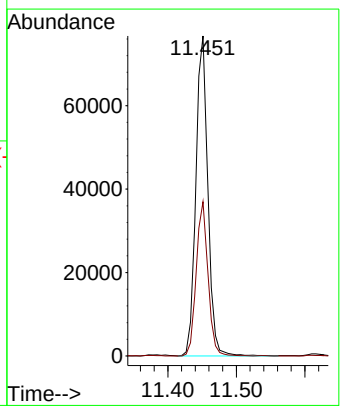


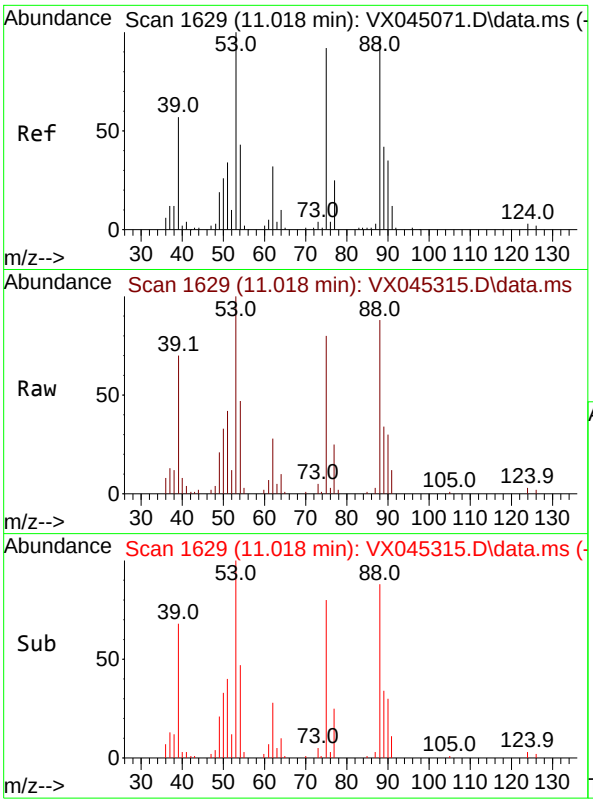


#80
1,3,5-Trimethylbenzene
Concen: 21.036 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion:105 Resp: 93706

Ion	Ratio	Lower	Upper
105	100		
120	47.3	24.1	72.2



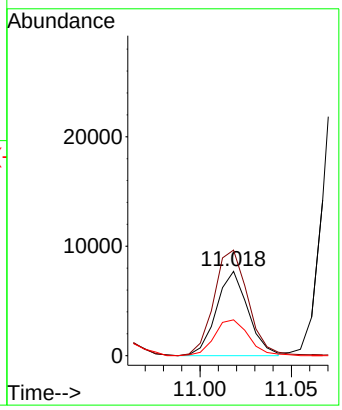


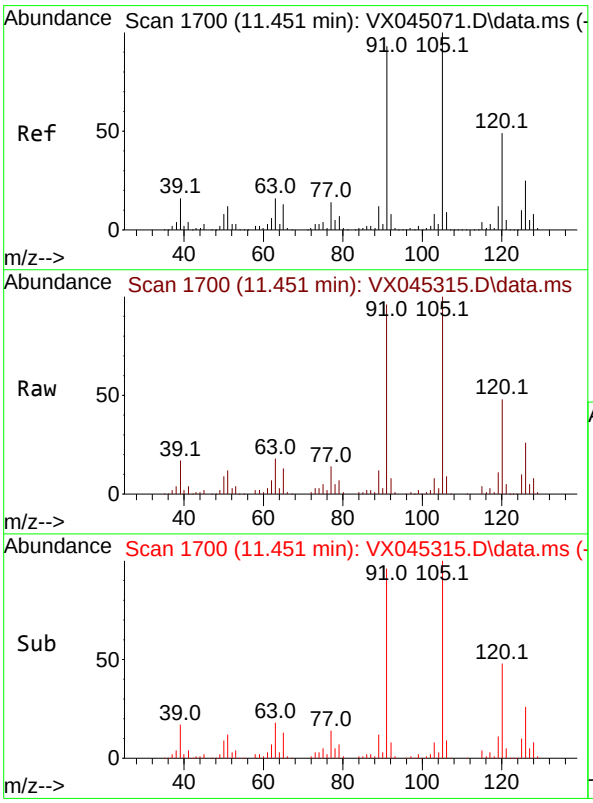
#81
trans-1,4-Dichloro-2-butene
Concen: 19.380 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tgt Ion: 75 Resp: 9303

Ion	Ratio	Lower	Upper
75	100		
53	135.4	88.5	132.7#
89	46.1	36.2	54.4

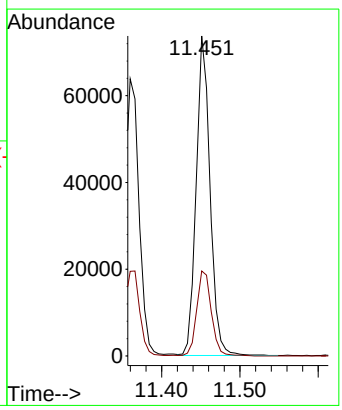


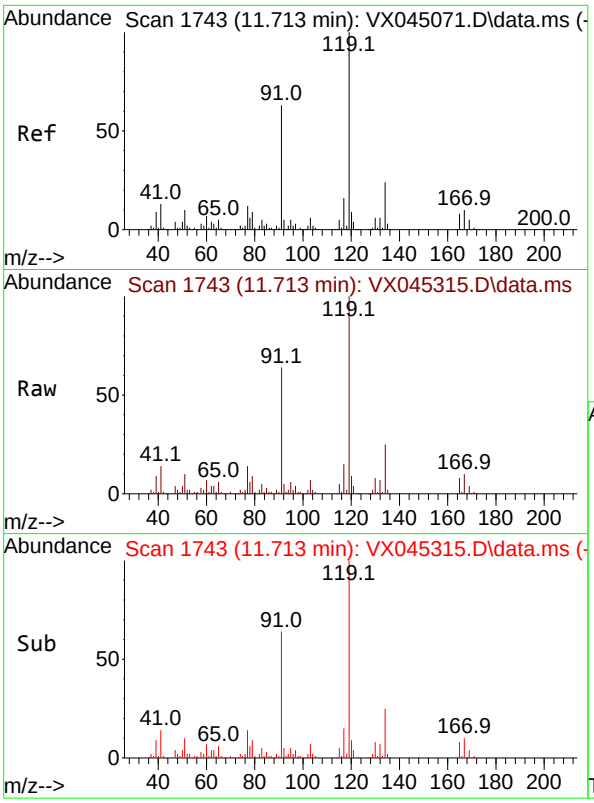


#82
4-Chlorotoluene
Concen: 21.000 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 91 Resp: 90708

Ion	Ratio	Lower	Upper
91	100		
126	28.2	14.1	42.4



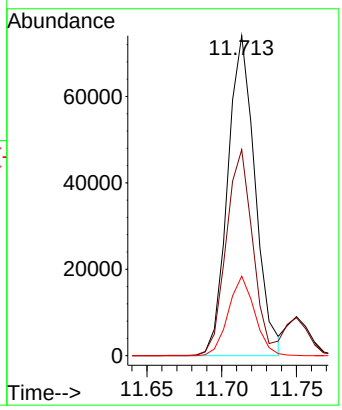


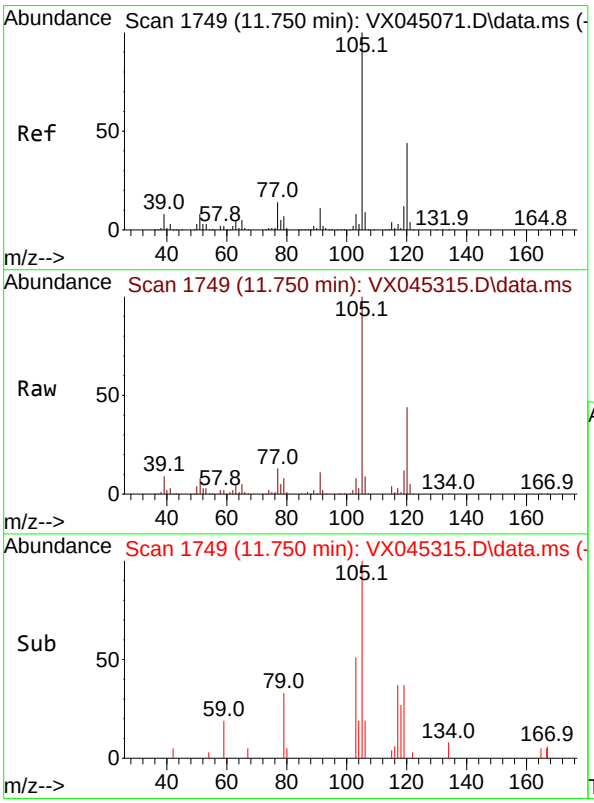
#83
tert-Butylbenzene
Concen: 20.597 ug/l
RT: 11.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tgt Ion:119 Resp: 94270

Ion	Ratio	Lower	Upper
119	100		
91	63.5	30.7	92.1
134	23.9	11.7	35.0

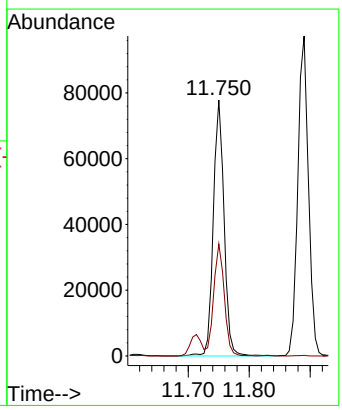


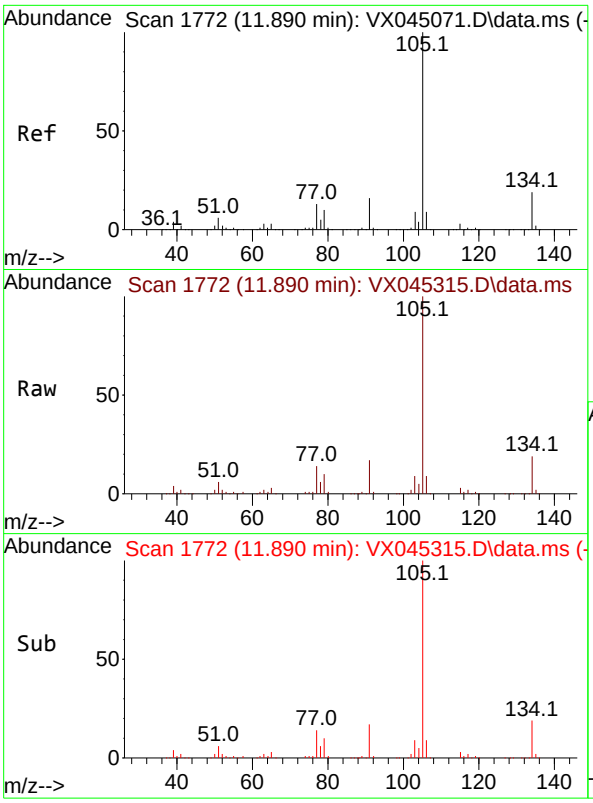


#84
1,2,4-Trimethylbenzene
Concen: 21.253 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion:105 Resp: 95258

Ion	Ratio	Lower	Upper
105	100		
120	43.3	22.1	66.1



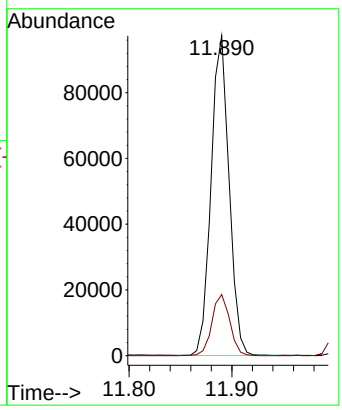


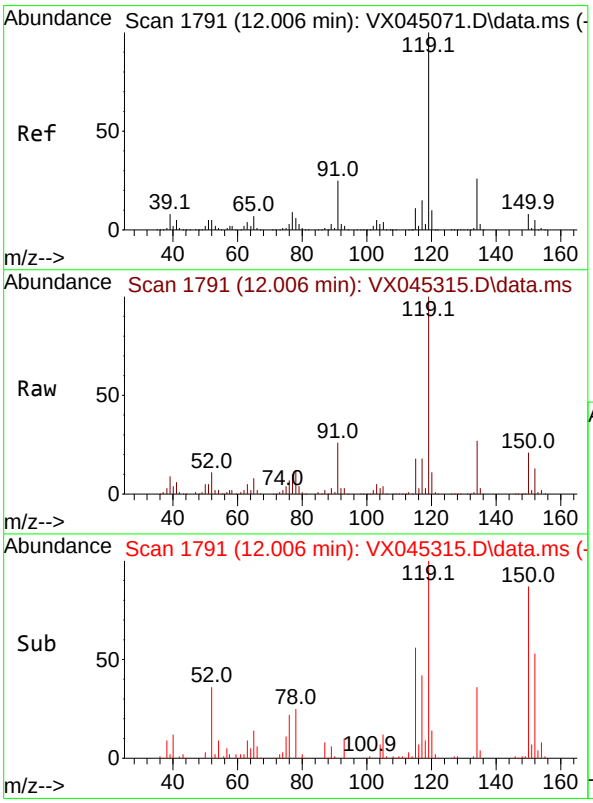
#85
sec-Butylbenzene
Concen: 21.540 ug/l
RT: 11.890 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tgt Ion:105 Resp: 118093

Ion	Ratio	Lower	Upper
105	100		
134	19.0	9.8	29.4

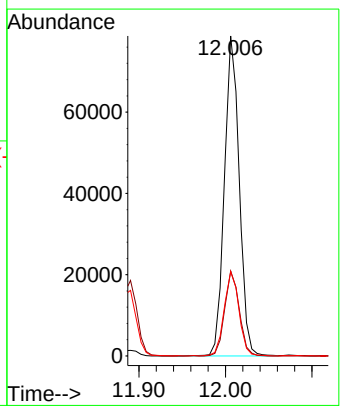


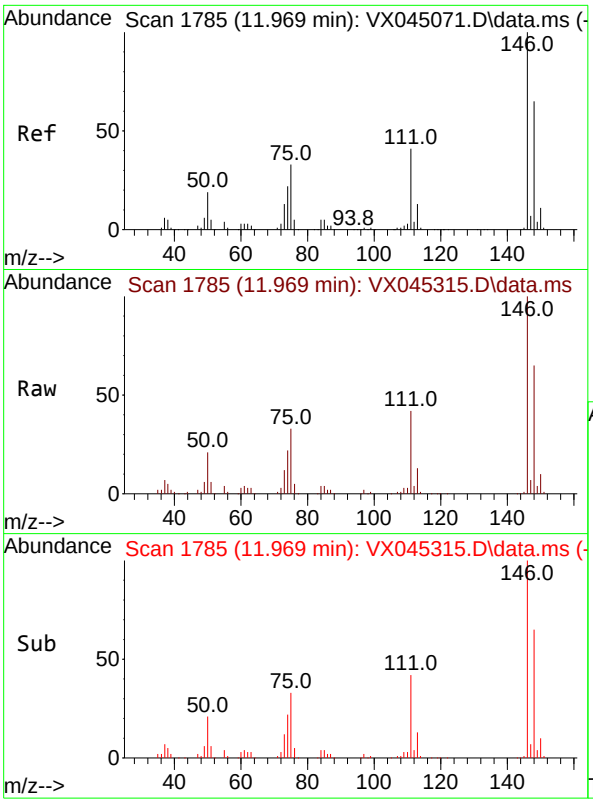


#86
p-Isopropyltoluene
Concen: 21.165 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion:119 Resp: 93774

Ion	Ratio	Lower	Upper
119	100		
134	26.1	12.9	38.6
91	26.3	12.7	38.0



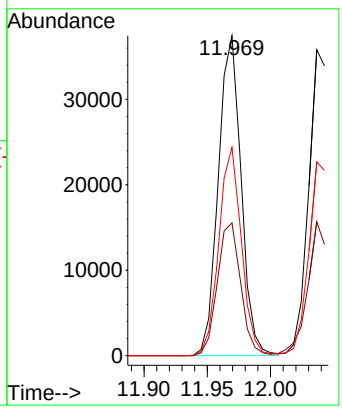


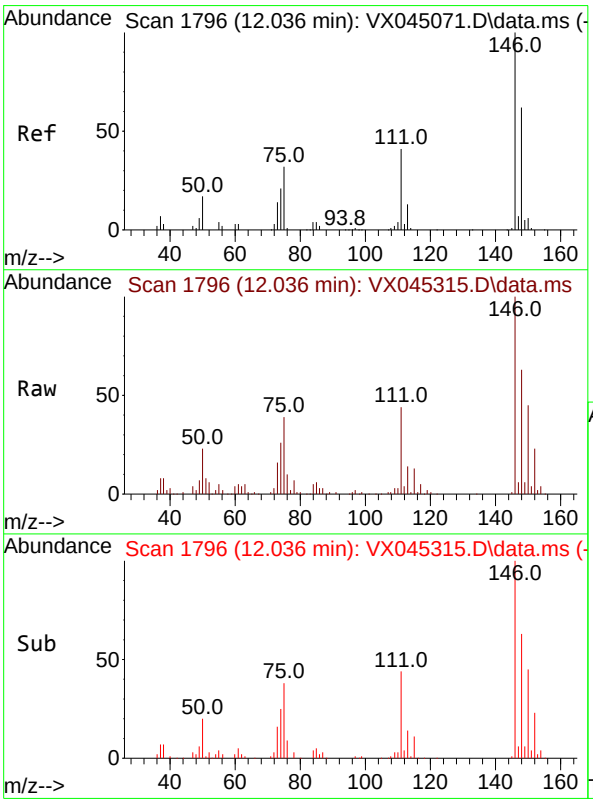
#87
1,3-Dichlorobenzene
Concen: 20.238 ug/l
RT: 11.969 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tgt Ion:146 Resp: 46929

Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.1	63.4
148	64.6	31.9	95.7

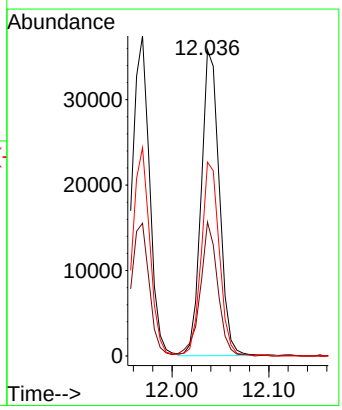


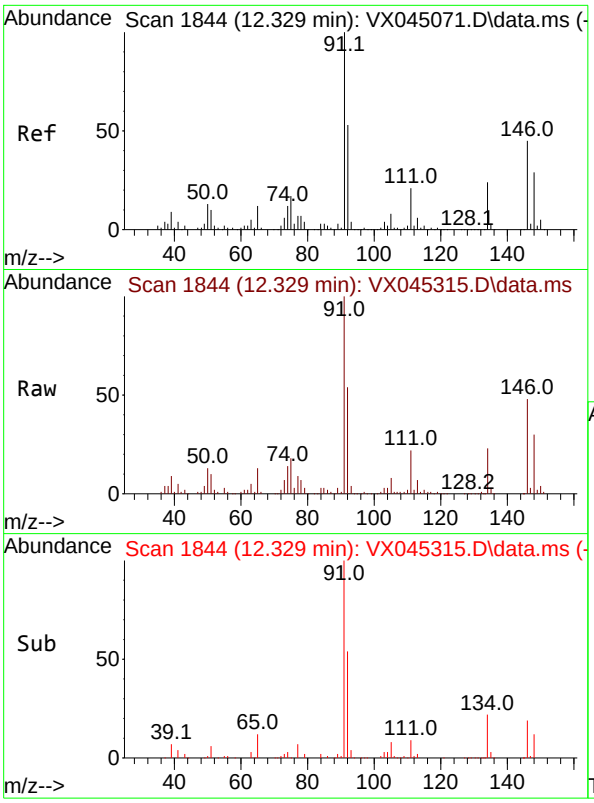


#88
1,4-Dichlorobenzene
Concen: 19.915 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion:146 Resp: 46719

Ion	Ratio	Lower	Upper
146	100		
111	42.3	20.2	60.5
148	63.6	31.9	95.9



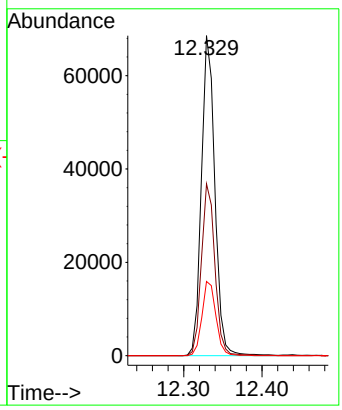


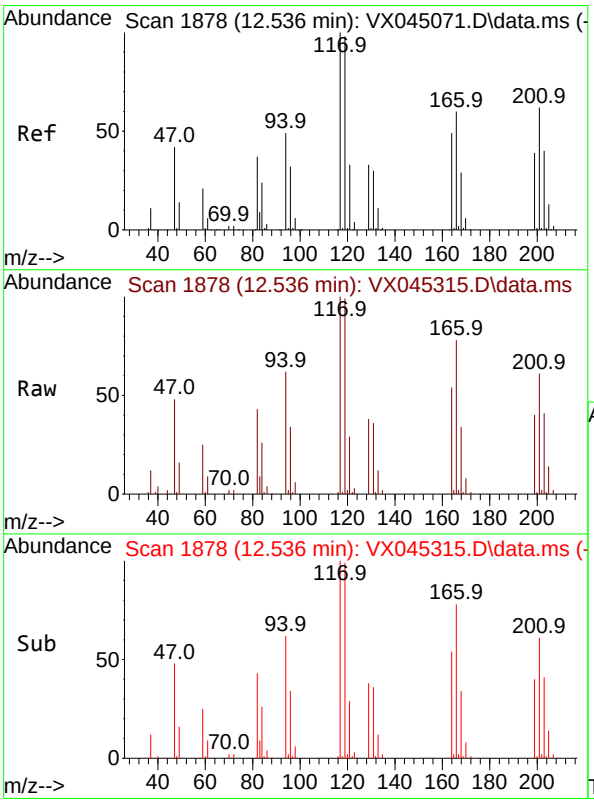
#89
n-Butylbenzene
Concen: 21.434 ug/l
RT: 12.329 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tgt Ion: 91 Resp: 81793

Ion	Ratio	Lower	Upper
91	100		
92	54.0	26.7	80.0
134	24.1	12.2	36.6

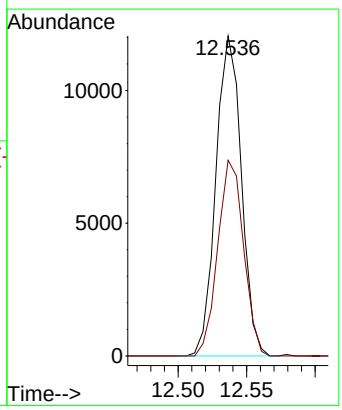


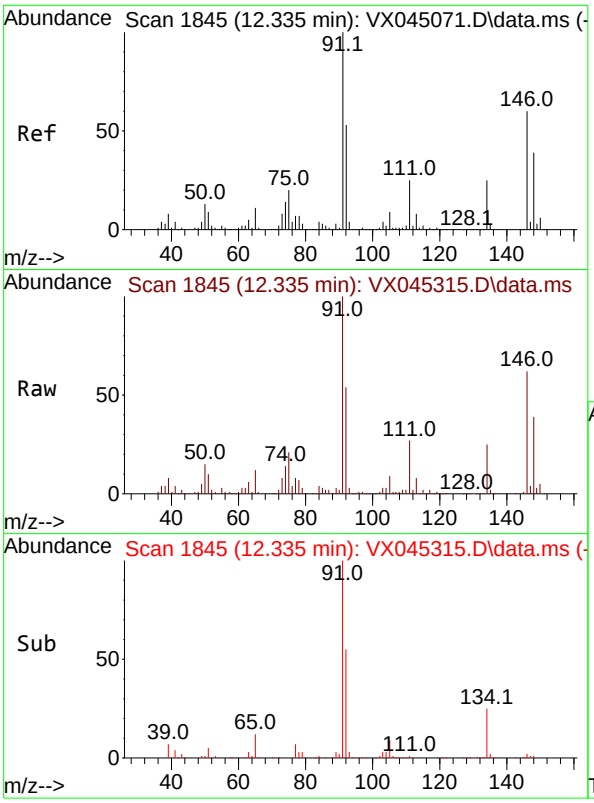


#90
Hexachloroethane
Concen: 19.417 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion:117 Resp: 15561

Ion	Ratio	Lower	Upper
117	100		
201	62.1	31.9	95.9



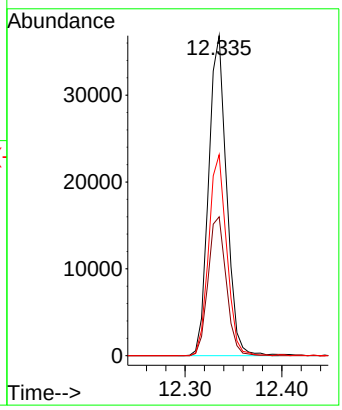


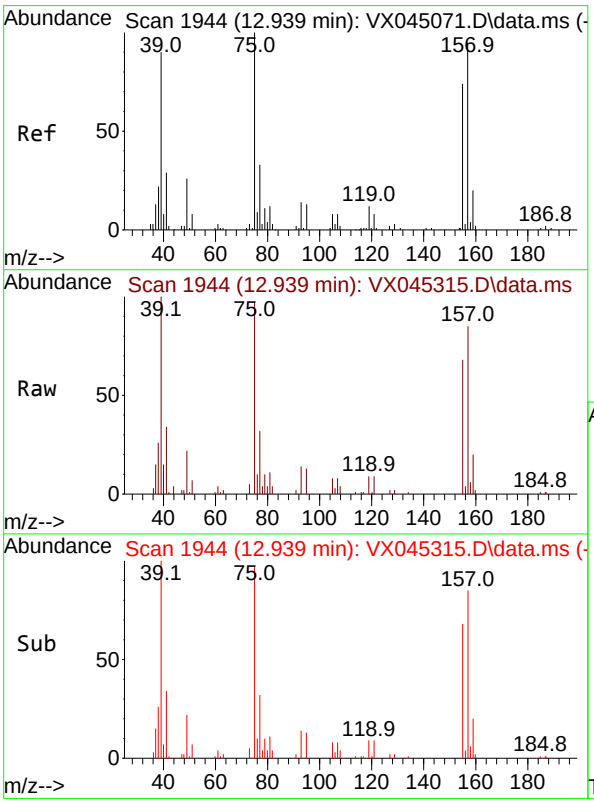
#91
1,2-Dichlorobenzene
Concen: 20.453 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tgt Ion:146 Resp: 47575

Ion	Ratio	Lower	Upper
146	100		
111	43.9	21.6	65.0
148	62.8	31.9	95.9

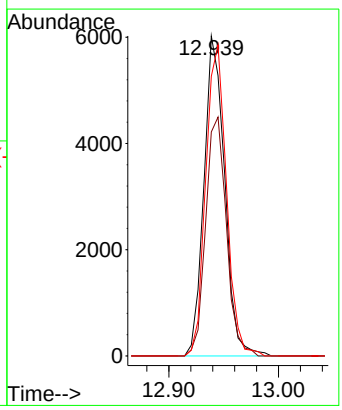


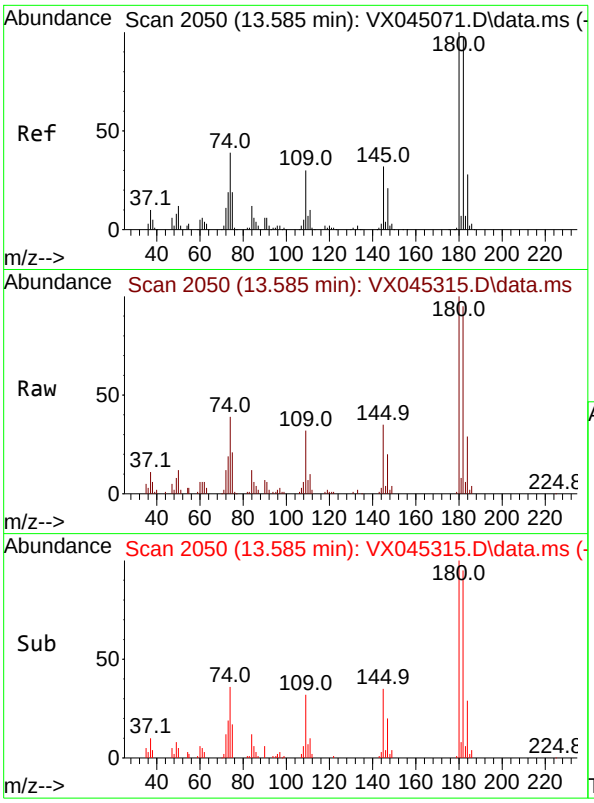


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.053 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion: 75 Resp: 7898

Ion	Ratio	Lower	Upper
75	100		
155	74.9	39.6	118.7
157	97.4	51.1	153.4



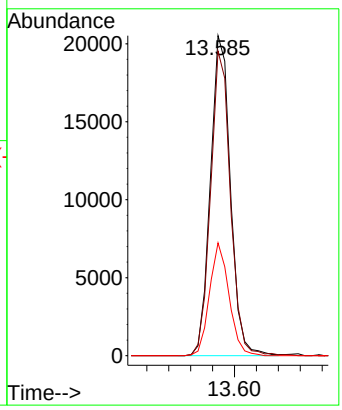


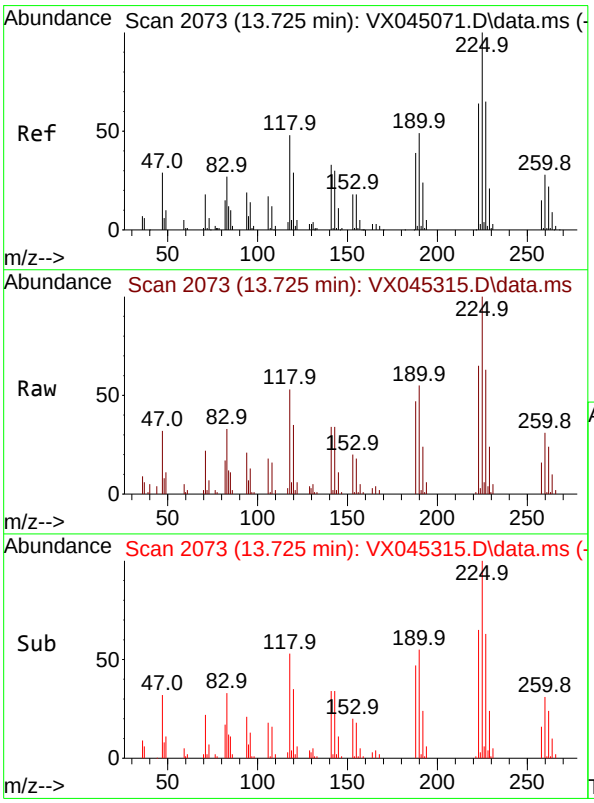
#93
1,2,4-Trichlorobenzene
Concen: 19.660 ug/l
RT: 13.585 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tgt Ion:180 Resp: 26039

Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.3	141.9
145	34.4	16.3	48.9

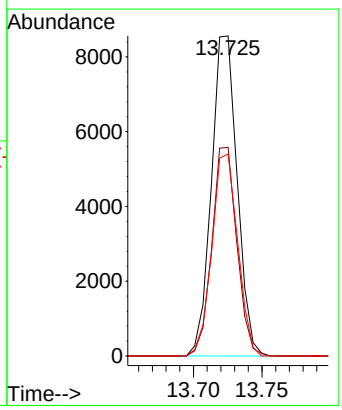


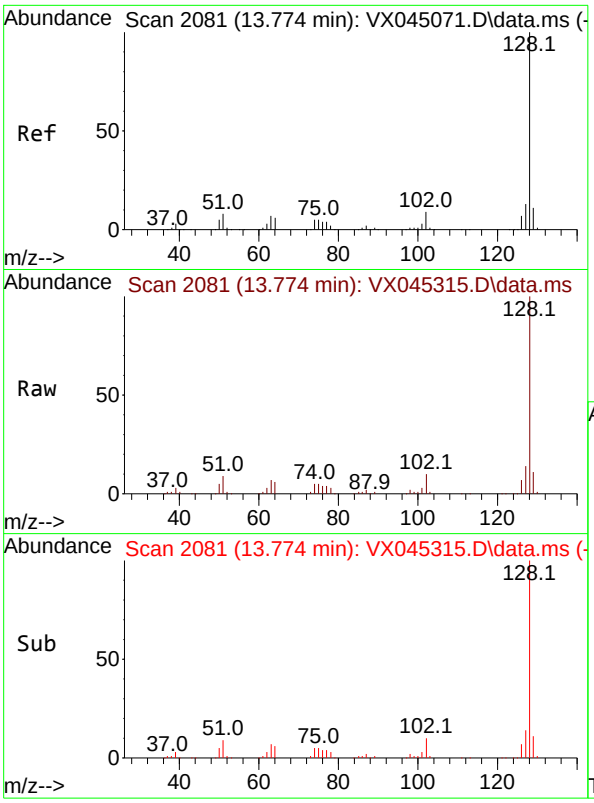


#94
Hexachlorobutadiene
Concen: 20.613 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion:225 Resp: 11193

Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.9	95.7
227	63.0	31.4	94.0



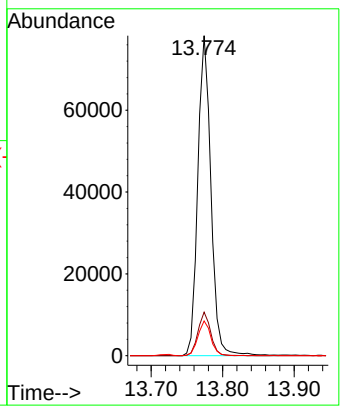


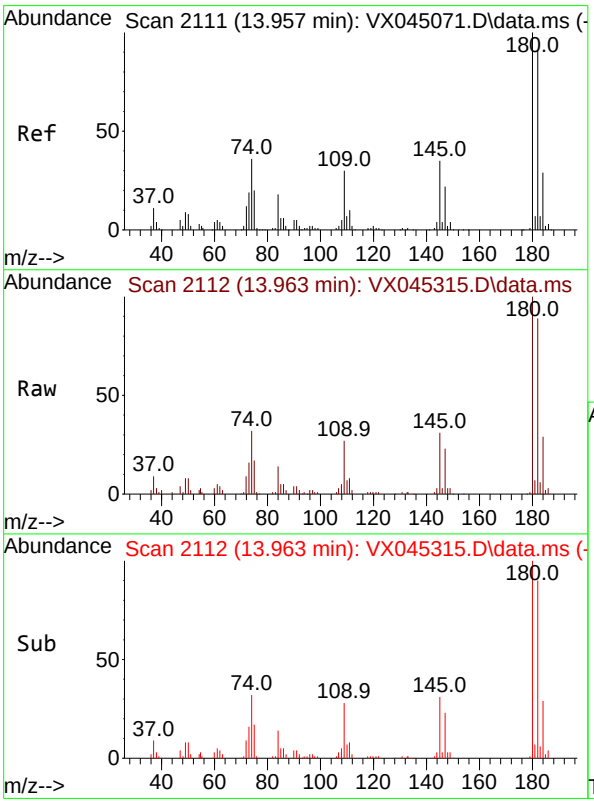
#95
Naphthalene
Concen: 19.547 ug/l
RT: 13.774 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tgt Ion:128 Resp: 99469

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.3	15.5
129	10.7	8.7	13.1

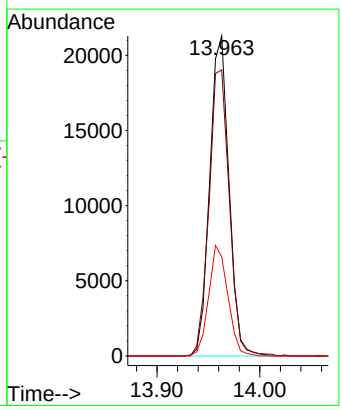




#96
1,2,3-Trichlorobenzene
Concen: 19.719 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX045315.D
Acq: 18 Mar 2025 11:16

Tgt Ion:180 Resp: 27553

Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.5	142.6
145	34.5	17.0	50.9



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045336.D
Acq On : 18 Mar 2025 19:30
Operator : JC/MD
Sample : Q1557-04MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Quant Time: Mar 19 01:50:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	81809	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	150929	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	133572	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	61705	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	74030	56.890	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.780%			
35) Dibromofluoromethane	5.379	113	54340	53.843	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.680%			
50) Toluene-d8	8.647	98	191083	52.226	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.460%			
62) 4-Bromofluorobenzene	11.079	95	68193	56.246	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 112.500%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	52123	50.616	ug/l	96
3) Chloromethane	1.301	50	60024	47.629	ug/l	100
4) Vinyl Chloride	1.374	62	55751	44.595	ug/l	97
5) Bromomethane	1.593	94	22864	46.523	ug/l	99
6) Chloroethane	1.660	64	25933	44.972	ug/l	96
7) Trichlorofluoromethane	1.868	101	80767	48.802	ug/l	100
8) Diethyl Ether	2.136	74	29802	46.038	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.319	101	53027	55.769	ug/l	99
10) Methyl Iodide	2.441	142	63640	53.558	ug/l	95
11) Tert butyl alcohol	2.989	59	53410	216.686	ug/l	98
12) 1,1-Dichloroethene	2.307	96	51513	51.243	ug/l	98
13) Acrolein	2.239	56	70029	245.776	ug/l	99
14) Allyl chloride	2.654	41	94251	52.672	ug/l	97
15) Acrylonitrile	3.062	53	171912	260.232	ug/l	99
16) Acetone	2.386	43	160045	265.081	ug/l	96
17) Carbon Disulfide	2.502	76	107057	39.984	ug/l	99
18) Methyl Acetate	2.703	43	85789	59.065	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	178102	52.808	ug/l	99
20) Methylene Chloride	2.782	84	60563	50.639	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	51249	51.604	ug/l	98
22) Diisopropyl ether	3.764	45	194022	53.314	ug/l	98
23) Vinyl Acetate	3.721	43	718605	236.620	ug/l	99
24) 1,1-Dichloroethane	3.605	63	107839	52.874	ug/l	99
25) 2-Butanone	4.562	43	243066	267.456	ug/l	99
26) 2,2-Dichloropropane	4.471	77	52766	55.157	ug/l	98
27) cis-1,2-Dichloroethene	4.477	96	64784	52.843	ug/l	96
28) Bromochloromethane	4.891	49	50188	51.626	ug/l	99
29) Tetrahydrofuran	5.007	42	150506	246.606	ug/l	98
30) Chloroform	5.087	83	111580	55.060	ug/l	97
31) Cyclohexane	5.458	56	90433	51.079	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	88593	54.128	ug/l	97
36) 1,1-Dichloropropene	5.684	75	70643	51.041	ug/l	99
37) Ethyl Acetate	4.715	43	80035	44.877	ug/l	100
38) Carbon Tetrachloride	5.666	117	72643	51.698	ug/l	95
39) Methylcyclohexane	7.373	83	86152	51.949	ug/l	98
40) Benzene	6.031	78	224443	51.354	ug/l	98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045336.D
Acq On : 18 Mar 2025 19:30
Operator : JC/MD
Sample : Q1557-04MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Quant Time: Mar 19 01:50:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.916	41	51138	53.029	ug/l		96
42) 1,2-Dichloroethane	6.080	62	88267	56.084	ug/l		97
43) Isopropyl Acetate	6.342	43	130861	49.621	ug/l		100
44) Trichloroethene	7.123	130	51204	49.895	ug/l		99
45) 1,2-Dichloropropane	7.428	63	58292	51.875	ug/l		99
46) Dibromomethane	7.574	93	42501	53.511	ug/l		96
47) Bromodichloromethane	7.818	83	83910	53.861	ug/l		99
48) Methyl methacrylate	7.690	41	71777	54.251	ug/l		94
49) 1,4-Dioxane	7.659	88	29890	1071.003	ug/l		97
51) 4-Methyl-2-Pentanone	8.574	43	488870	276.084	ug/l		100
52) Toluene	8.714	92	135592	52.878	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	69587	53.430	ug/l		94
54) cis-1,3-Dichloropropene	8.366	75	80187	52.799	ug/l		95
55) 1,1,2-Trichloroethane	9.147	97	56385	53.413	ug/l		97
56) Ethyl methacrylate	9.116	69	87926	54.795	ug/l		95
57) 1,3-Dichloropropane	9.305	76	95946	52.519	ug/l		99
59) 2-Hexanone	9.427	43	360965	281.352	ug/l		99
60) Dibromochloromethane	9.519	129	58878	53.343	ug/l		98
61) 1,2-Dibromoethane	9.604	107	55352	52.524	ug/l		99
64) Tetrachloroethene	9.269	164	42976	50.236	ug/l		95
65) Chlorobenzene	10.079	112	146761	51.926	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	48273	51.287	ug/l		98
67) Ethyl Benzene	10.189	91	260829	52.963	ug/l		100
68) m/p-Xylenes	10.299	106	189209	104.951	ug/l		95
69) o-Xylene	10.640	106	94820	52.149	ug/l		98
70) Styrene	10.653	104	161303	54.826	ug/l		99
71) Bromoform	10.799	173	36839	51.902	ug/l	#	100
73) Isopropylbenzene	10.957	105	248664	51.630	ug/l		99
74) N-amyl acetate	10.842	43	109394	48.406	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.207	83	89561	50.674	ug/l		98
76) 1,2,3-Trichloropropane	11.238	75	90294	62.871	ug/l		86
77) Bromobenzene	11.195	156	57595	50.684	ug/l		97
78) n-propylbenzene	11.299	91	289701	53.248	ug/l		99
79) 2-Chlorotoluene	11.360	91	177824	51.321	ug/l		98
80) 1,3,5-Trimethylbenzene	11.451	105	205315	52.722	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.018	75	19446	46.336	ug/l		88
82) 4-Chlorotoluene	11.451	91	201240	53.290	ug/l		99
83) tert-Butylbenzene	11.713	119	208141	52.018	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	207237	52.888	ug/l		99
85) sec-Butylbenzene	11.890	105	258541	53.941	ug/l		99
86) p-Isopropyltoluene	12.006	119	208701	53.880	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	104344	51.472	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	104140	50.777	ug/l		99
89) n-Butylbenzene	12.329	91	184116	55.189	ug/l		99
90) Hexachloroethane	12.536	117	35642	50.872	ug/l		96
91) 1,2-Dichlorobenzene	12.335	146	106776	52.507	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	18121	52.628	ug/l		95
93) 1,2,4-Trichlorobenzene	13.585	180	60271	52.051	ug/l		98
94) Hexachlorobutadiene	13.719	225	23735	49.997	ug/l		98
95) Naphthalene	13.774	128	235203	52.868	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	65144	53.329	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045336.D
Acq On : 18 Mar 2025 19:30
Operator : JC/MD
Sample : Q1557-04MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Quant Time: Mar 19 01:50:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

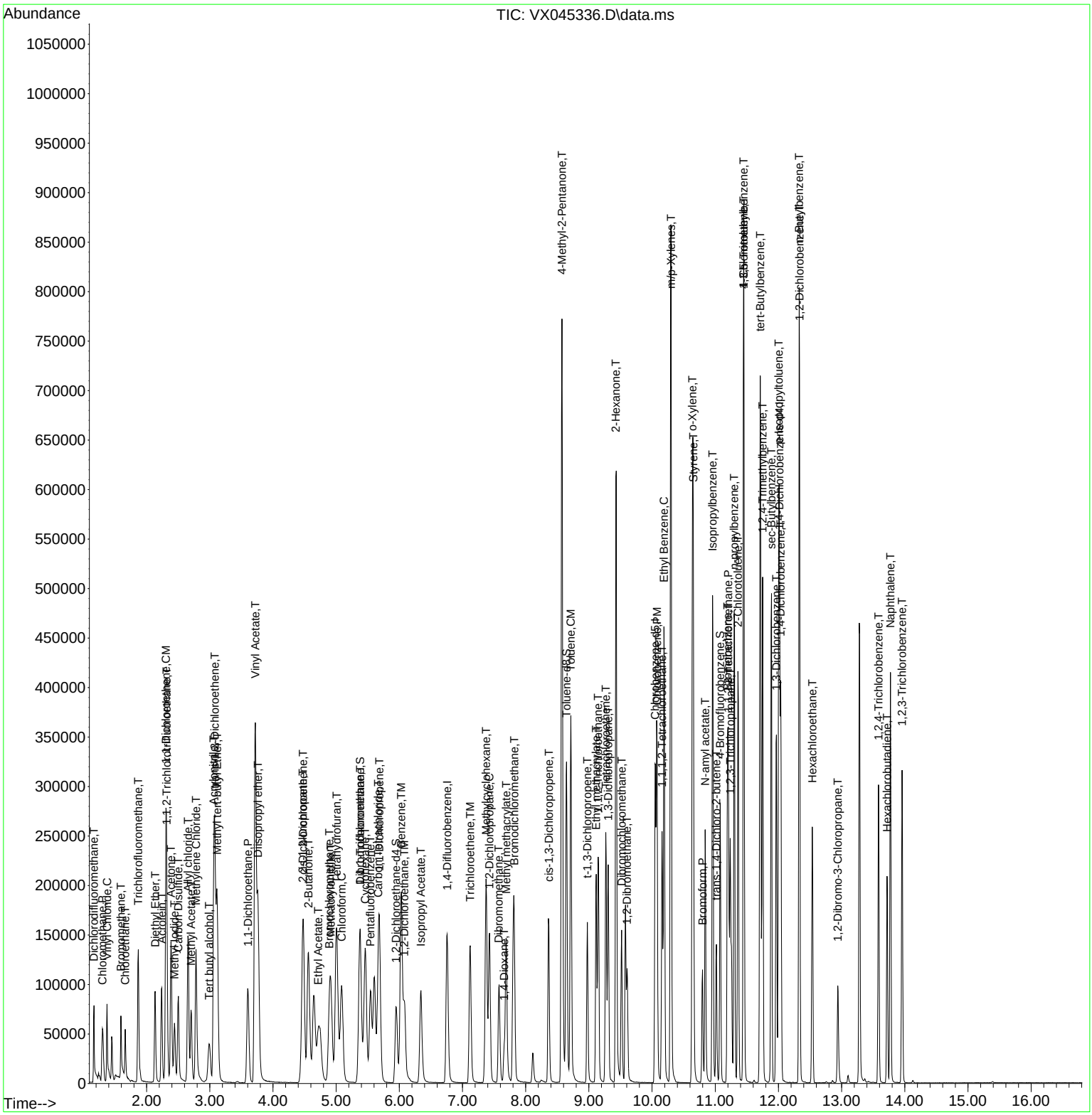
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

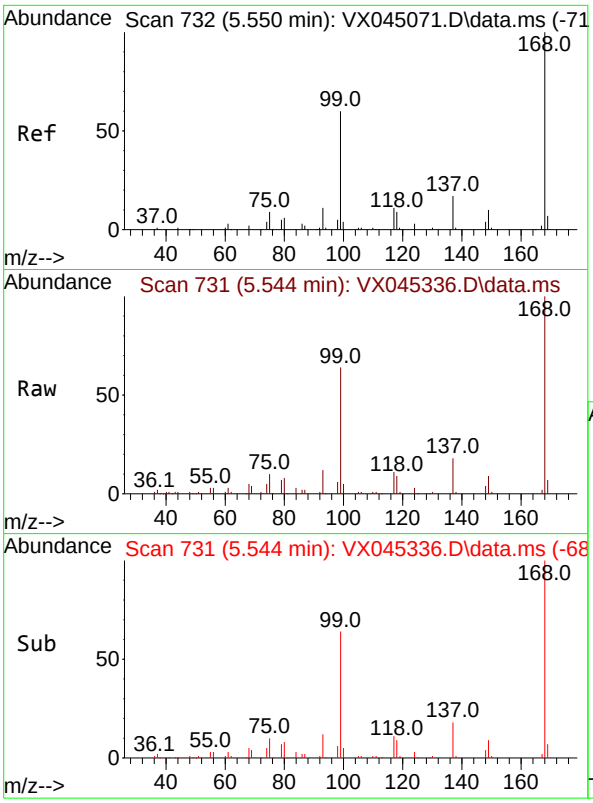
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045336.D
Acq On : 18 Mar 2025 19:30
Operator : JC/MD
Sample : Q1557-04MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Quant Time: Mar 19 01:50:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration



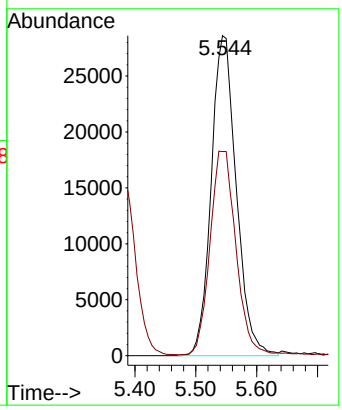


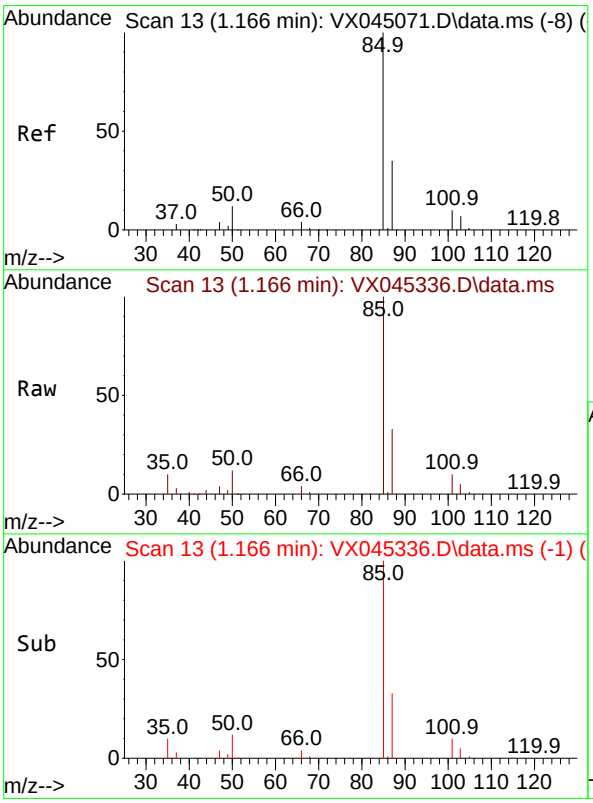
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Tgt Ion:168 Resp: 81809

Ion	Ratio	Lower	Upper
168	100		
99	63.5	48.2	72.4

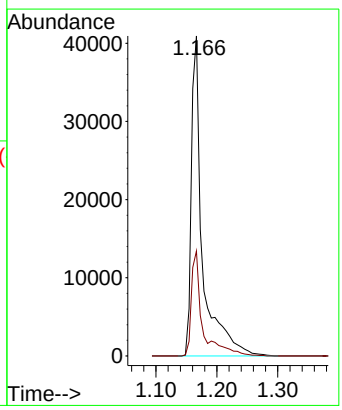


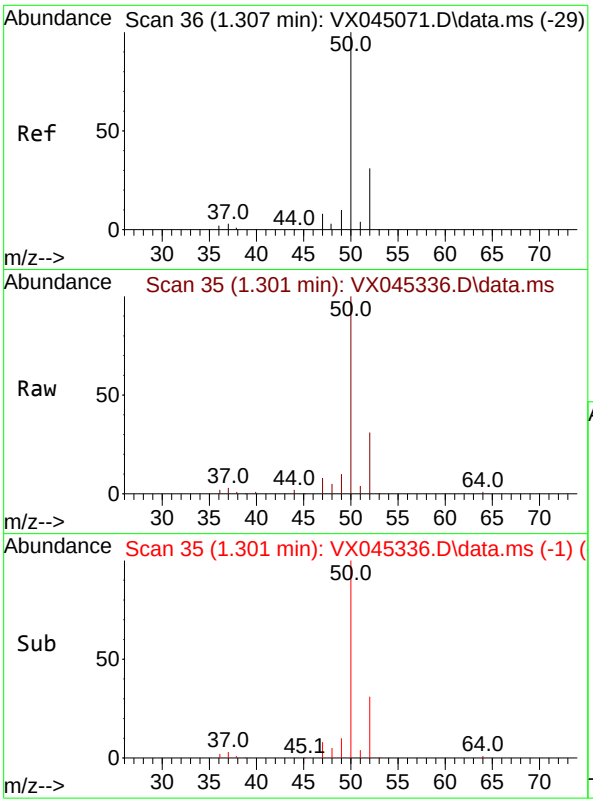


#2
Dichlorodifluoromethane
Concen: 50.616 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 85 Resp: 52123

Ion	Ratio	Lower	Upper
85	100		
87	32.8	17.4	52.3



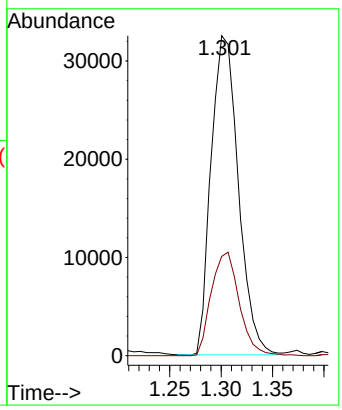


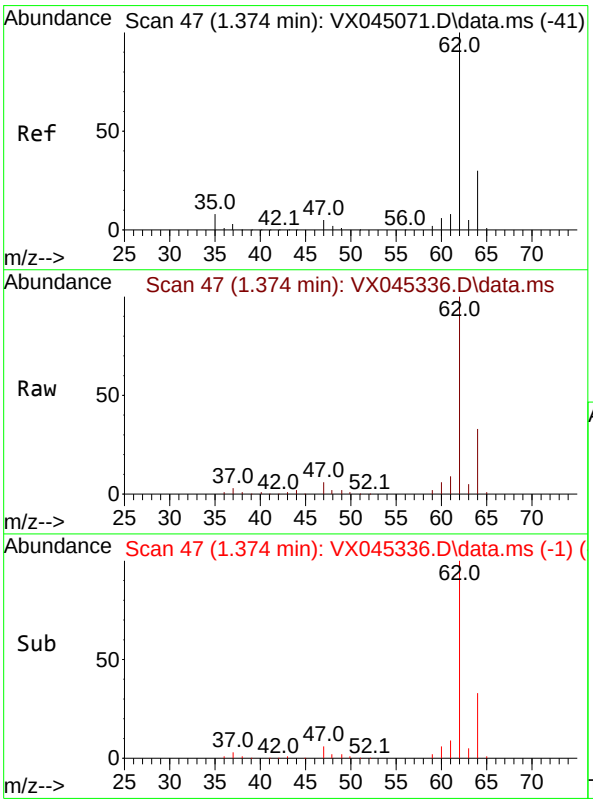
#3
Chloromethane
Concen: 47.629 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Tgt Ion: 50 Resp: 60024

Ion	Ratio	Lower	Upper
50	100		
52	31.1	25.0	37.4

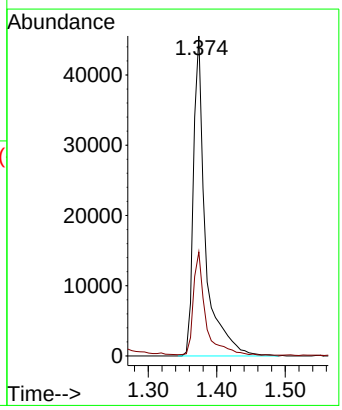


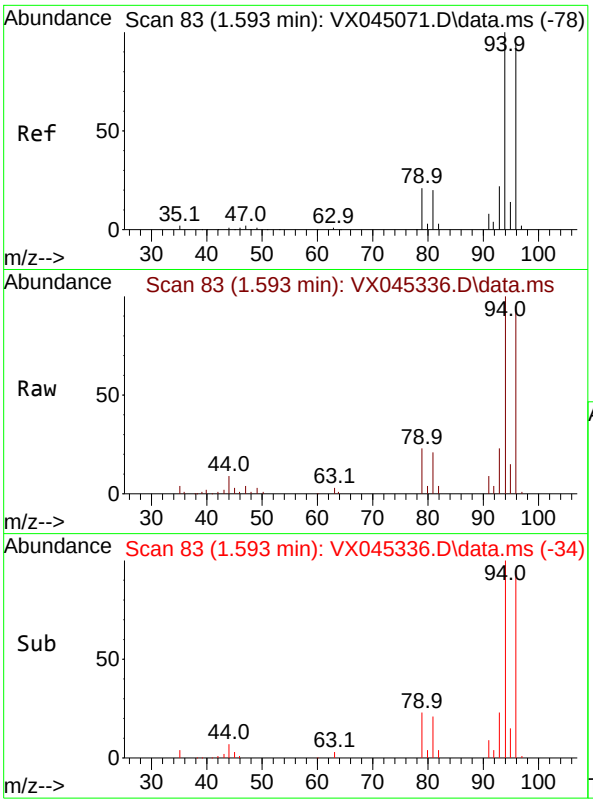


#4
Vinyl Chloride
Concen: 44.595 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 62 Resp: 55751

Ion	Ratio	Lower	Upper
62	100		
64	32.2	24.3	36.5



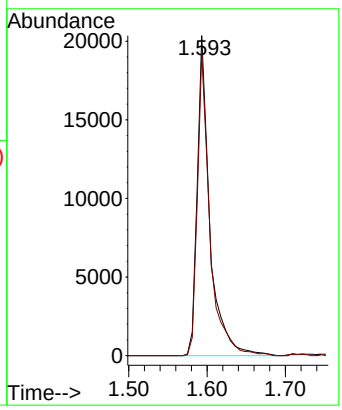


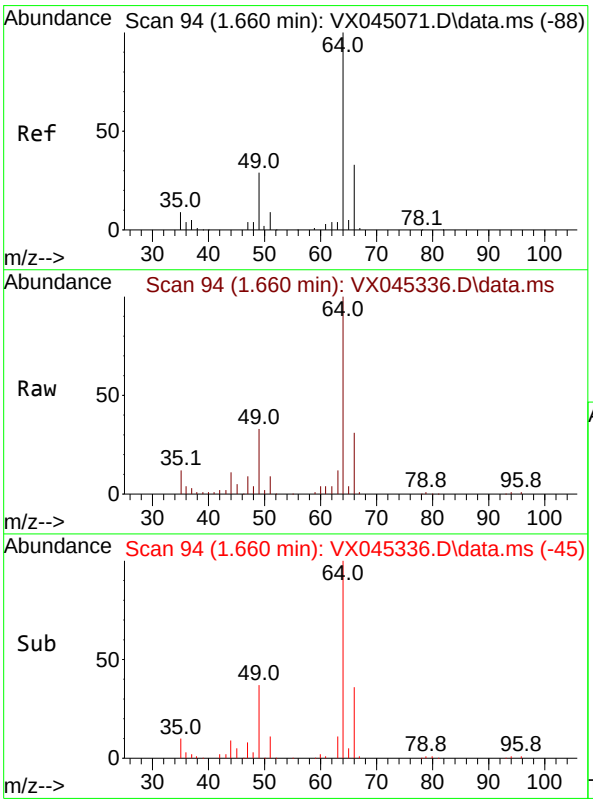
#5
Bromomethane
Concen: 46.523 ug/l
RT: 1.593 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Tgt Ion: 94 Resp: 22864

Ion	Ratio	Lower	Upper
94	100		
96	94.6	75.0	112.4

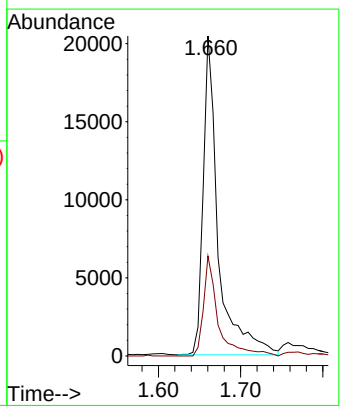


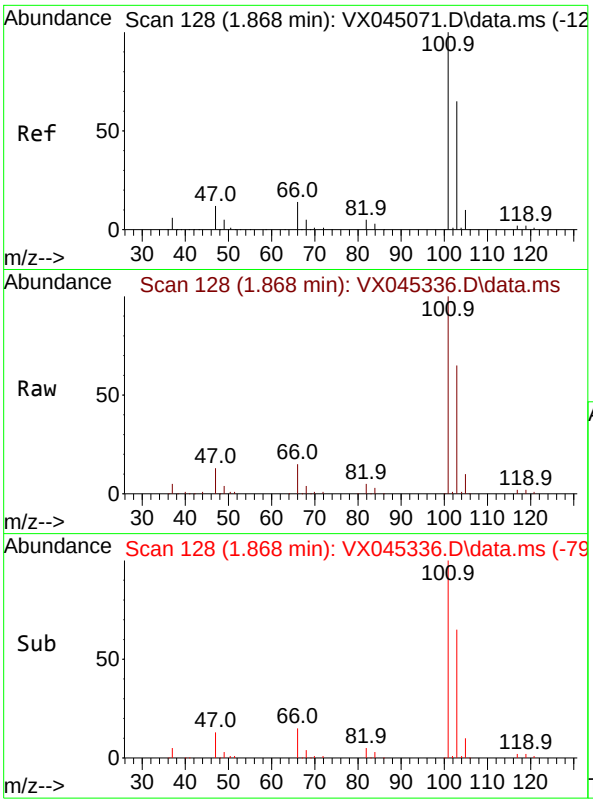


#6
Chloroethane
Concen: 44.972 ug/l
RT: 1.660 min Scan# 94
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 64 Resp: 25933

Ion	Ratio	Lower	Upper
64	100		
66	31.3	26.7	40.1



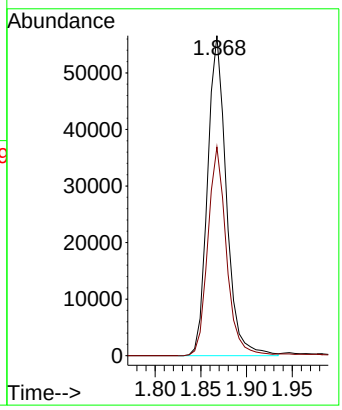


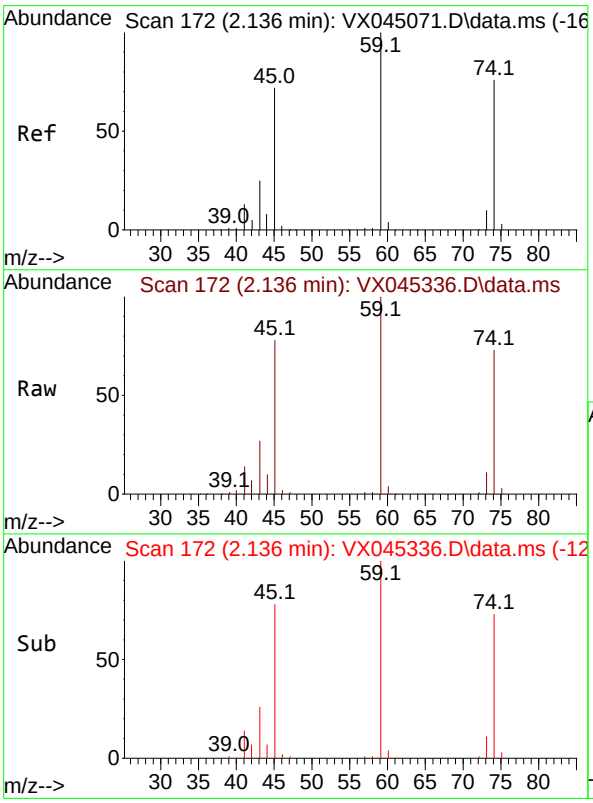
#7
Trichlorofluoromethane
Concen: 48.802 ug/l
RT: 1.868 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Tgt Ion:101 Resp: 80767

Ion	Ratio	Lower	Upper
101	100		
103	65.2	52.1	78.1

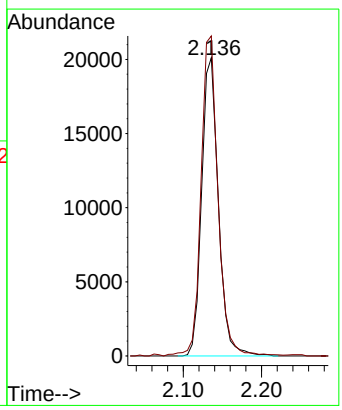


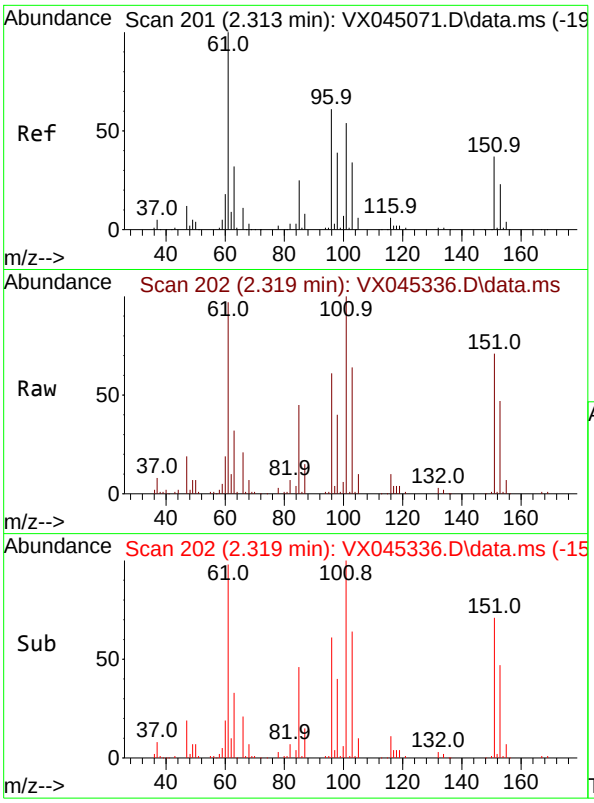


#8
Diethyl Ether
Concen: 46.038 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 74 Resp: 29802

Ion	Ratio	Lower	Upper
74	100		
45	109.0	51.5	154.5



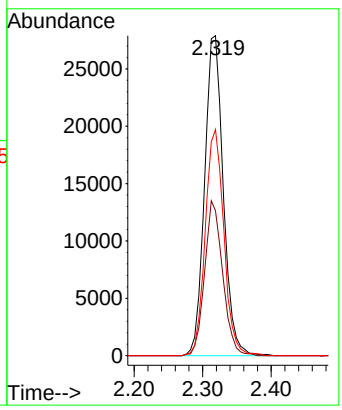


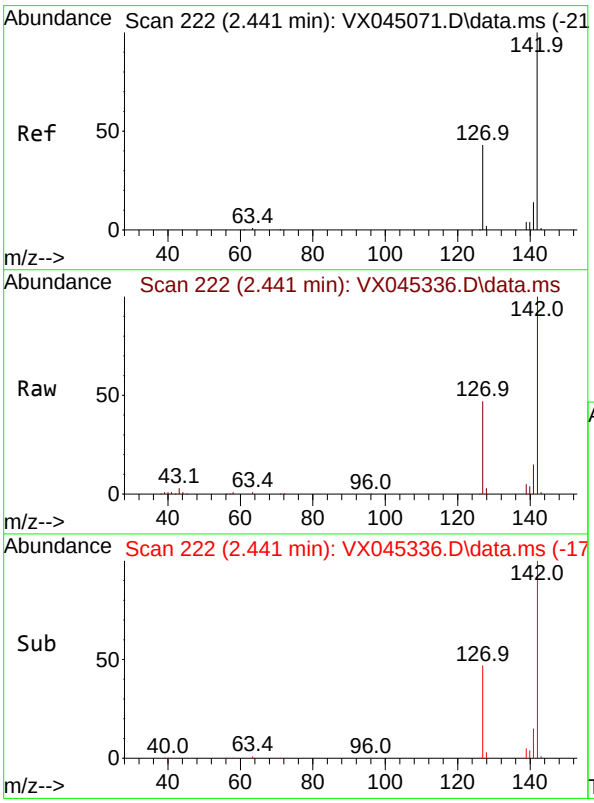
#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.769 ug/l
RT: 2.319 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Tgt Ion:101 Resp: 53027

Ion	Ratio	Lower	Upper
101	100		
85	46.7	36.2	54.4
151	70.4	56.4	84.6

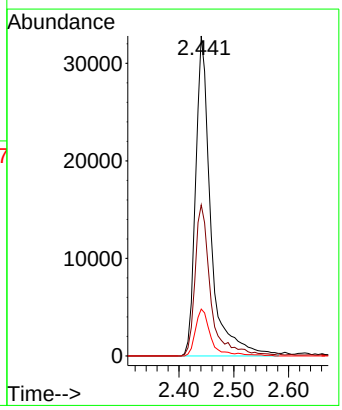


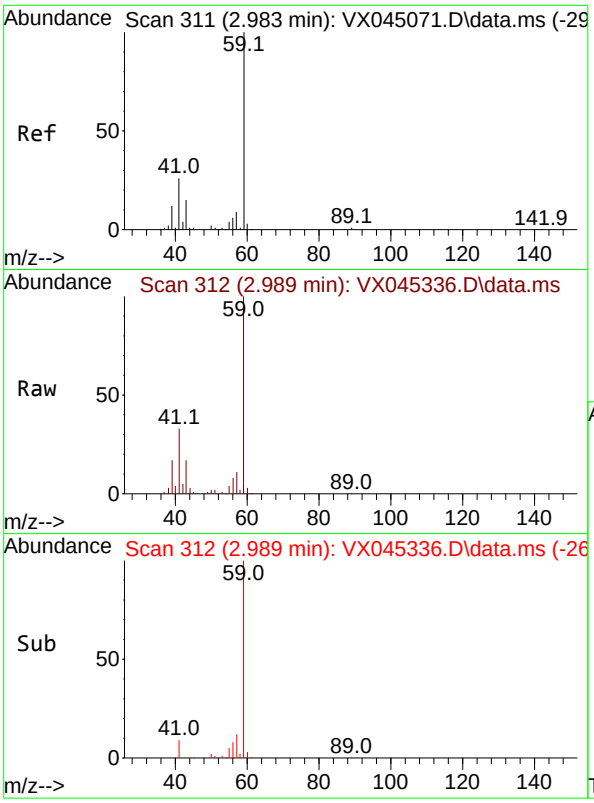


#10
Methyl Iodide
Concen: 53.558 ug/l
RT: 2.441 min Scan# 222
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion:142 Resp: 63640

Ion	Ratio	Lower	Upper
142	100		
127	48.6	35.4	53.2
141	14.9	11.6	17.4



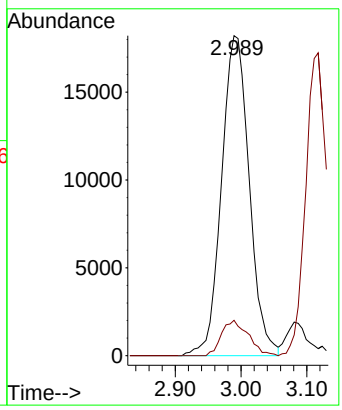


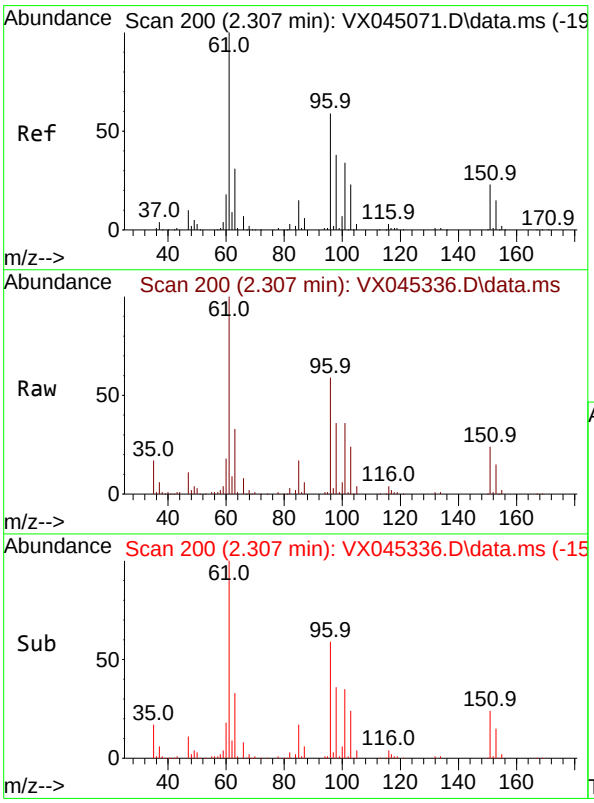
#11
Tert butyl alcohol
Concen: 216.686 ug/l
RT: 2.989 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Tgt Ion: 59 Resp: 53410

Ion	Ratio	Lower	Upper
59	100		
57	10.7	7.8	11.8

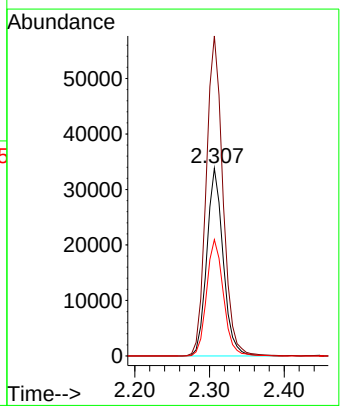


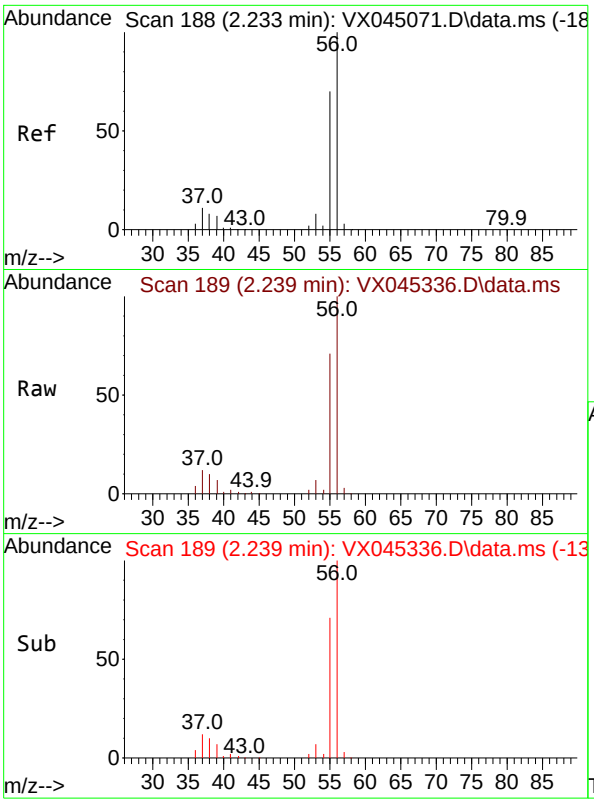


#12
1,1-Dichloroethene
Concen: 51.243 ug/l
RT: 2.307 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 96 Resp: 51513

Ion	Ratio	Lower	Upper
96	100		
61	170.5	134.6	202.0
98	61.9	51.0	76.6



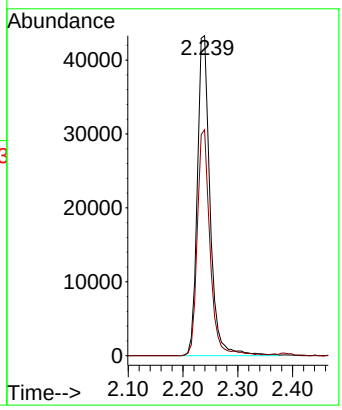


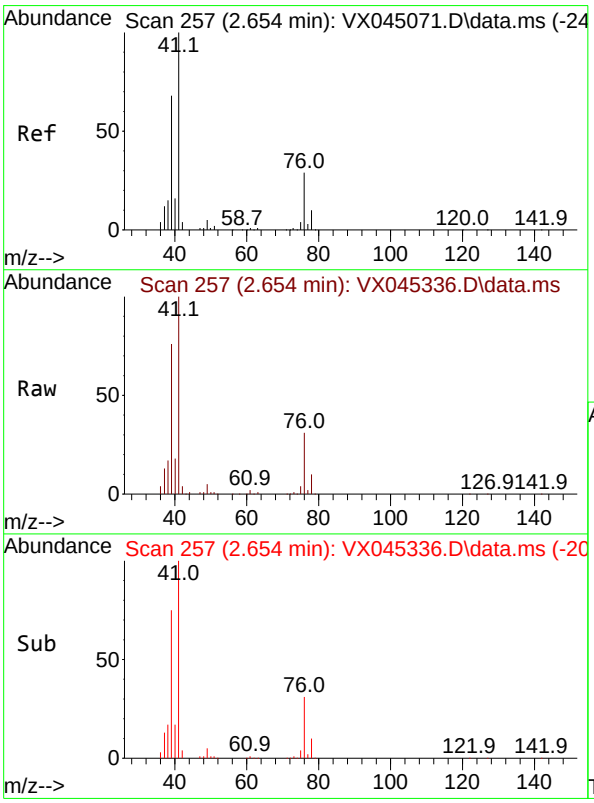
#13
Acrolein
Concen: 245.776 ug/l
RT: 2.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Tgt Ion: 56 Resp: 70029

Ion	Ratio	Lower	Upper
56	100		
55	71.0	56.2	84.4

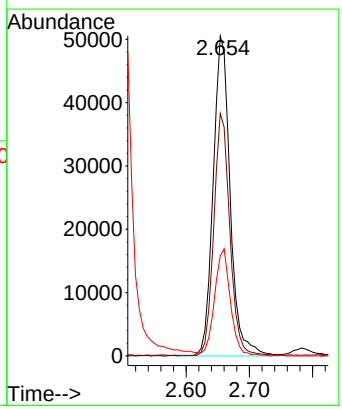


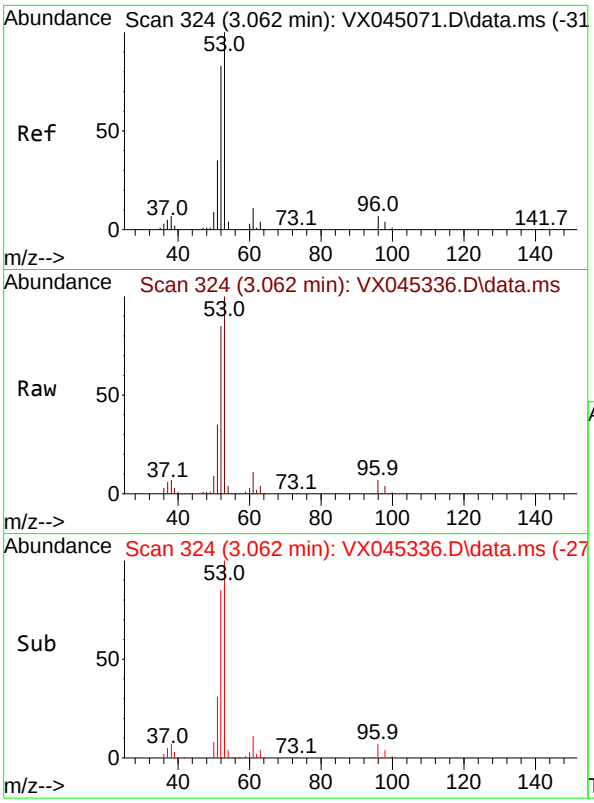


#14
Allyl chloride
Concen: 52.672 ug/l
RT: 2.654 min Scan# 257
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 41 Resp: 94251

Ion	Ratio	Lower	Upper
41	100		
39	71.0	53.8	80.8
76	31.1	25.2	37.8



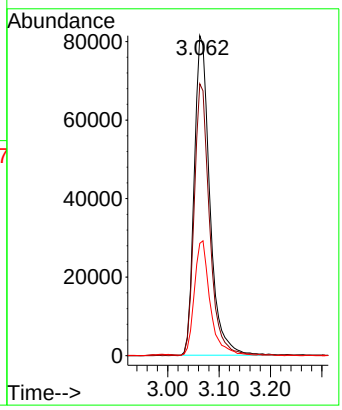


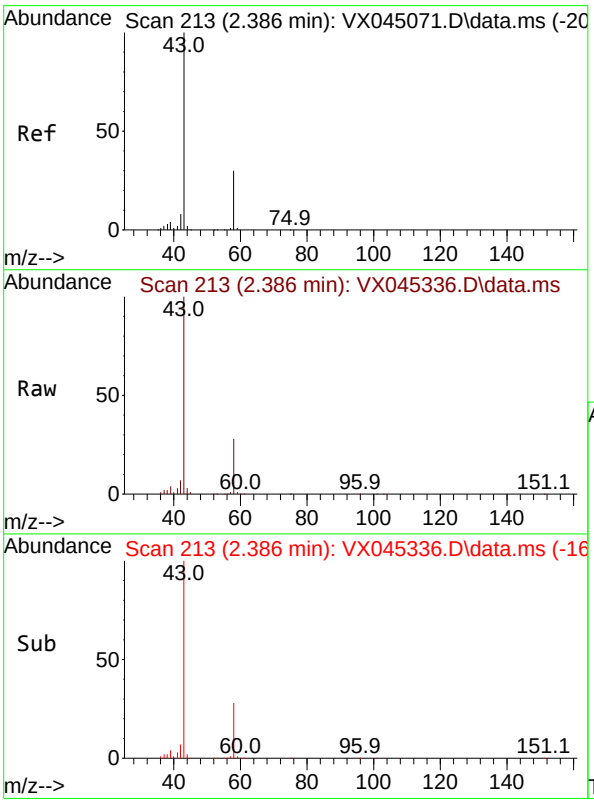
#15
Acrylonitrile
Concen: 260.232 ug/l
RT: 3.062 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Tgt Ion: 53 Resp: 171912

Ion	Ratio	Lower	Upper
53	100		
52	84.1	66.2	99.2
51	36.2	29.0	43.4

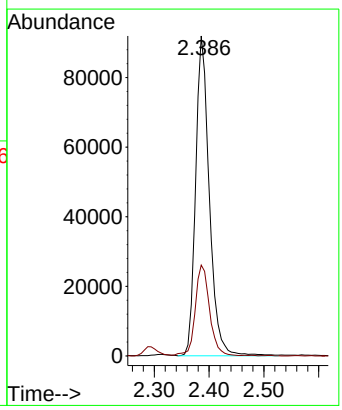


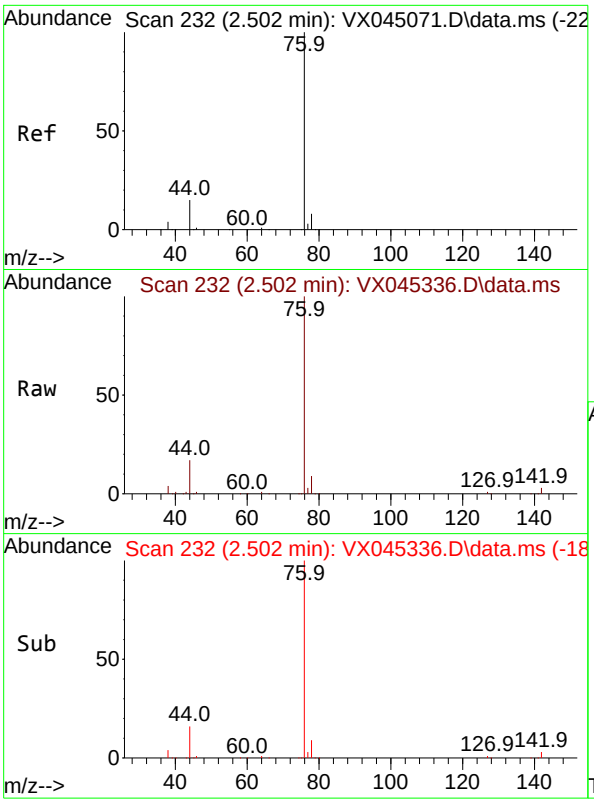


#16
Acetone
Concen: 265.081 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 43 Resp: 160045

Ion	Ratio	Lower	Upper
43	100		
58	28.4	24.2	36.4



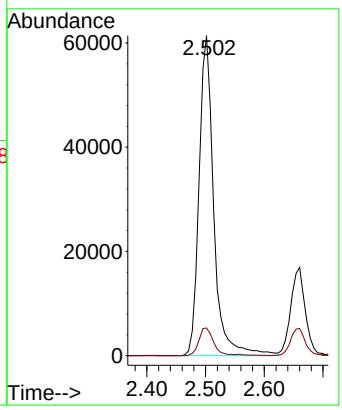


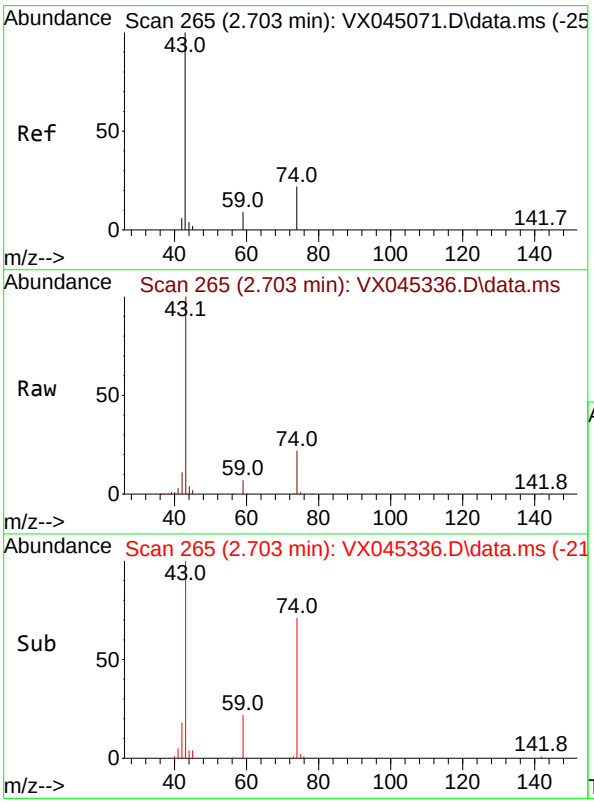
#17
Carbon Disulfide
Concen: 39.984 ug/l
RT: 2.502 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Tgt Ion: 76 Resp: 107057

Ion	Ratio	Lower	Upper
76	100		
78	8.7	6.6	9.8

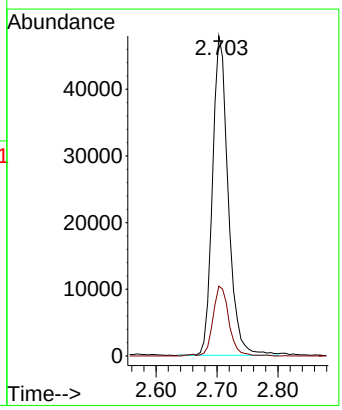


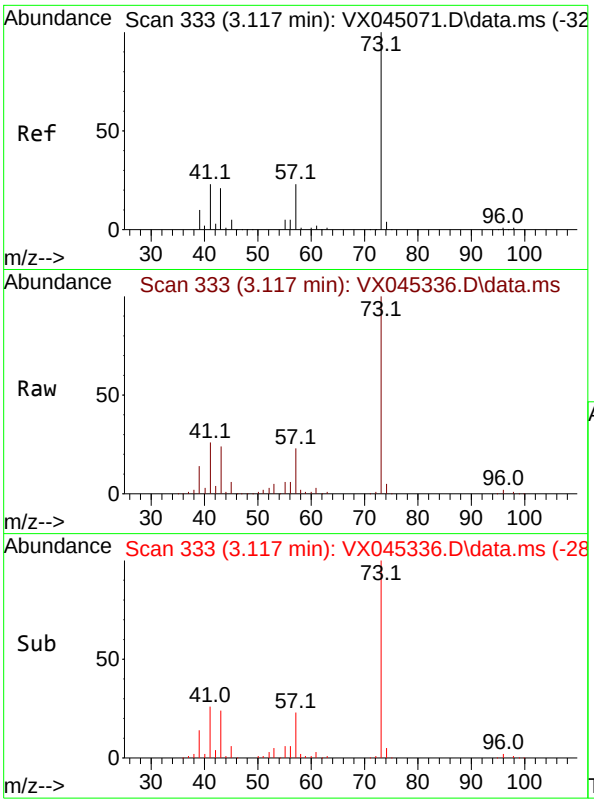


#18
Methyl Acetate
Concen: 59.065 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 43 Resp: 85789

Ion	Ratio	Lower	Upper
43	100		
74	22.1	17.4	26.2



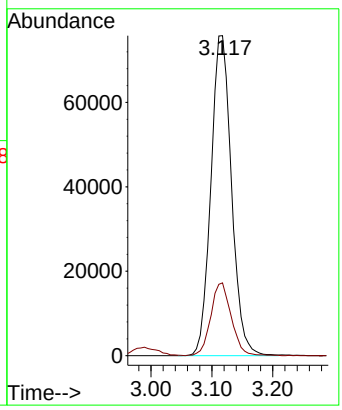


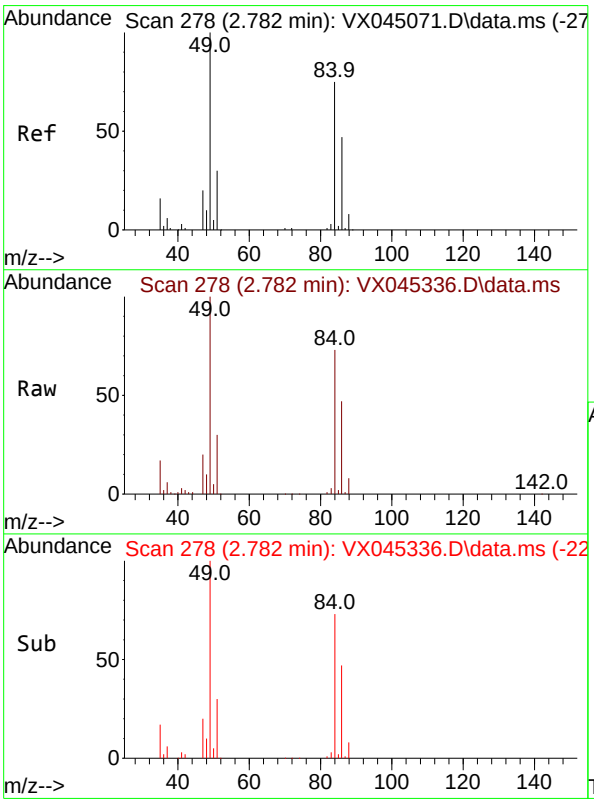
#19
Methyl tert-butyl Ether
Concen: 52.808 ug/l
RT: 3.117 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Tgt Ion: 73 Resp: 178102

Ion	Ratio	Lower	Upper
73	100		
57	22.6	18.5	27.7

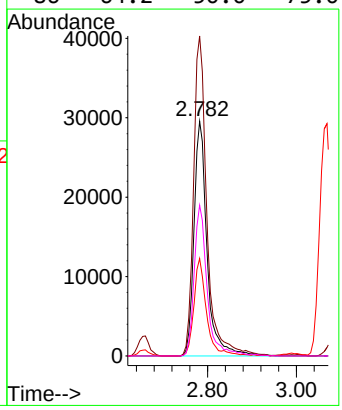


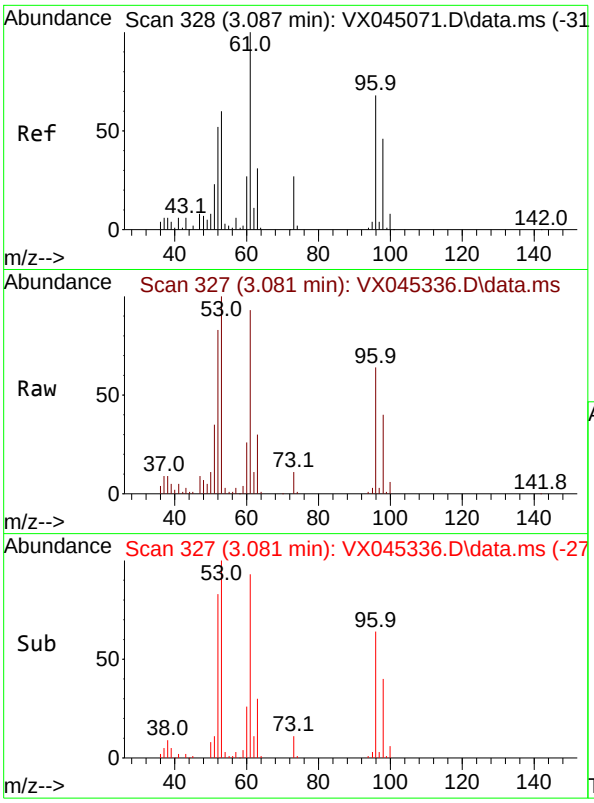


#20
Methylene Chloride
Concen: 50.639 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 84 Resp: 60563

Ion	Ratio	Lower	Upper
84	100		
49	136.3	106.5	159.7
51	41.6	32.1	48.1
86	64.2	50.0	75.0



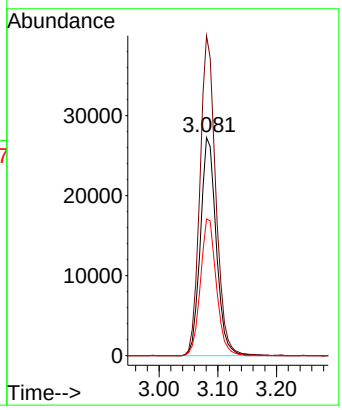


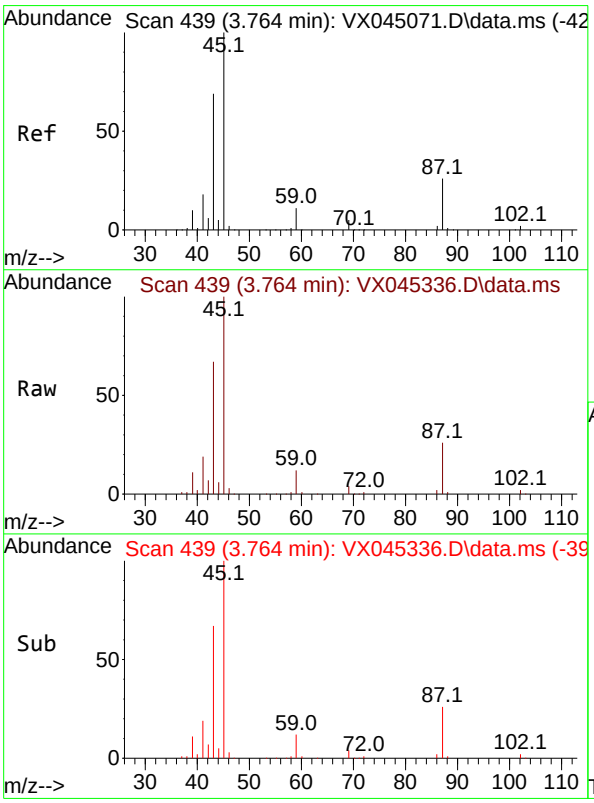
#21
trans-1,2-Dichloroethene
Concen: 51.604 ug/l
RT: 3.081 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Tgt Ion: 96 Resp: 51249

Ion	Ratio	Lower	Upper
96	100		
61	146.6	117.0	175.4
98	62.6	53.4	80.2

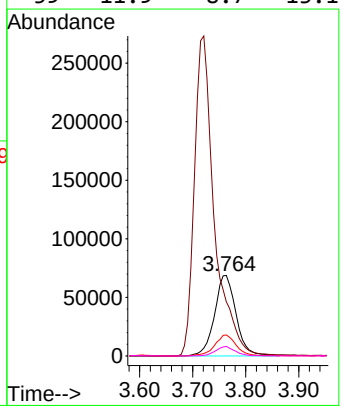


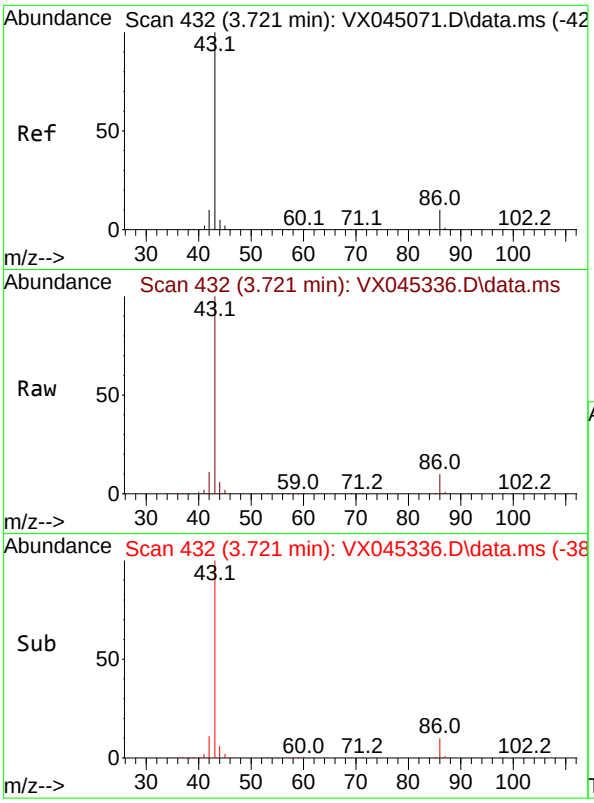


#22
Diisopropyl ether
Concen: 53.314 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 45 Resp: 194022

Ion	Ratio	Lower	Upper
45	100		
43	67.0	54.9	82.3
87	26.1	21.0	31.4
59	11.9	8.7	13.1



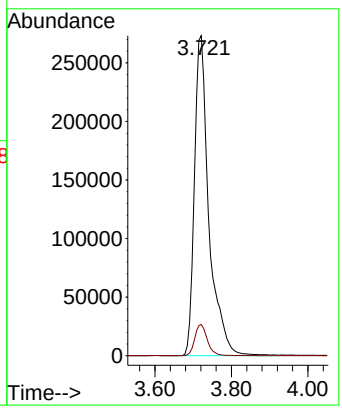


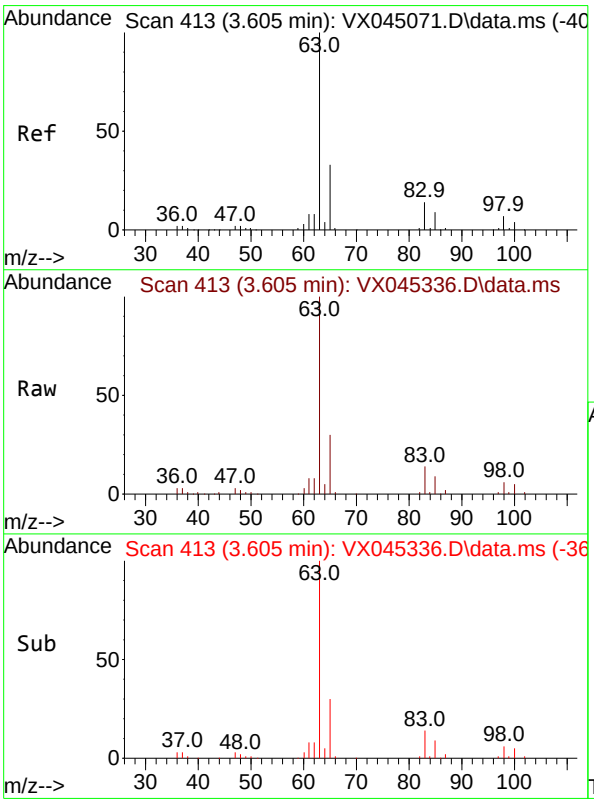
#23
Vinyl Acetate
Concen: 236.620 ug/l
RT: 3.721 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Tgt Ion: 43 Resp: 718605

Ion	Ratio	Lower	Upper
43	100		
86	9.7	8.1	12.1

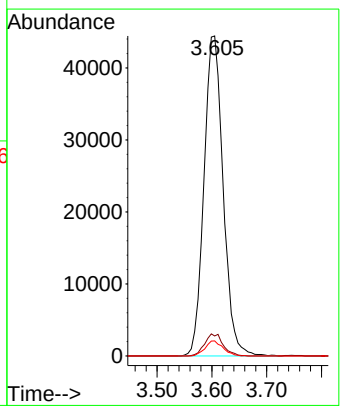


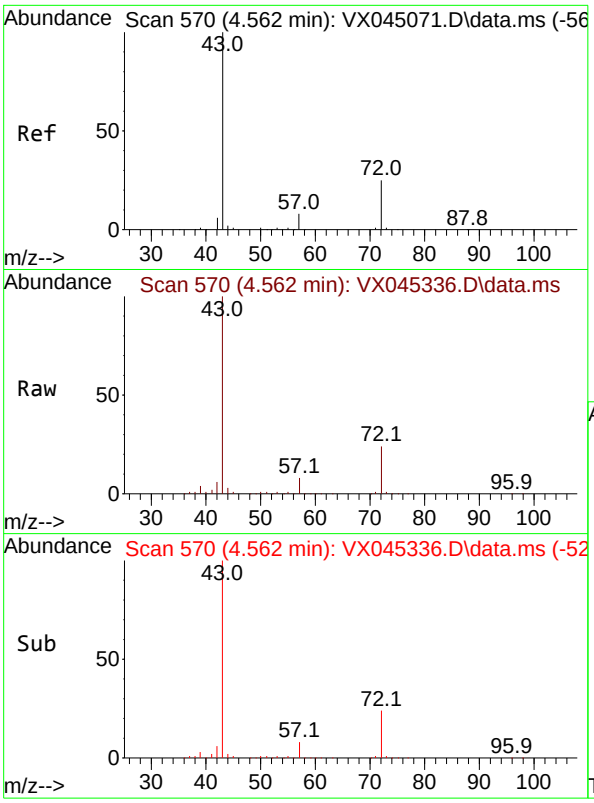


#24
1,1-Dichloroethane
Concen: 52.874 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 63 Resp: 107839

Ion	Ratio	Lower	Upper
63	100		
98	6.2	3.4	10.2
100	4.7	2.1	6.5



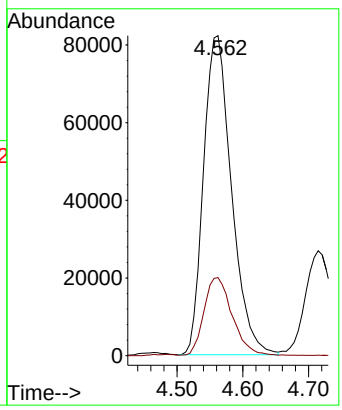


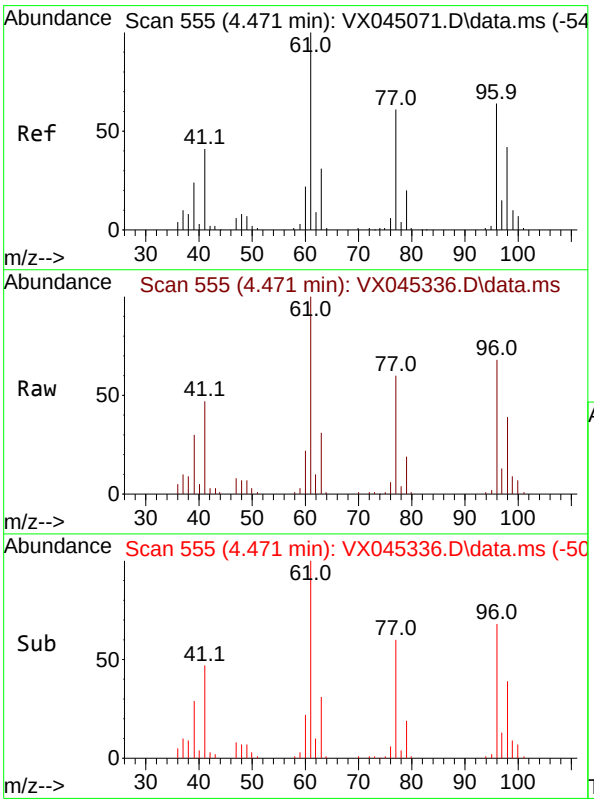
#25
2-Butanone
Concen: 267.456 ug/l
RT: 4.562 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Tgt Ion: 43 Resp: 243066

Ion	Ratio	Lower	Upper
43	100		
72	24.3	20.0	30.0

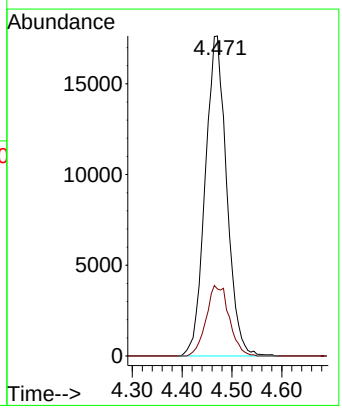


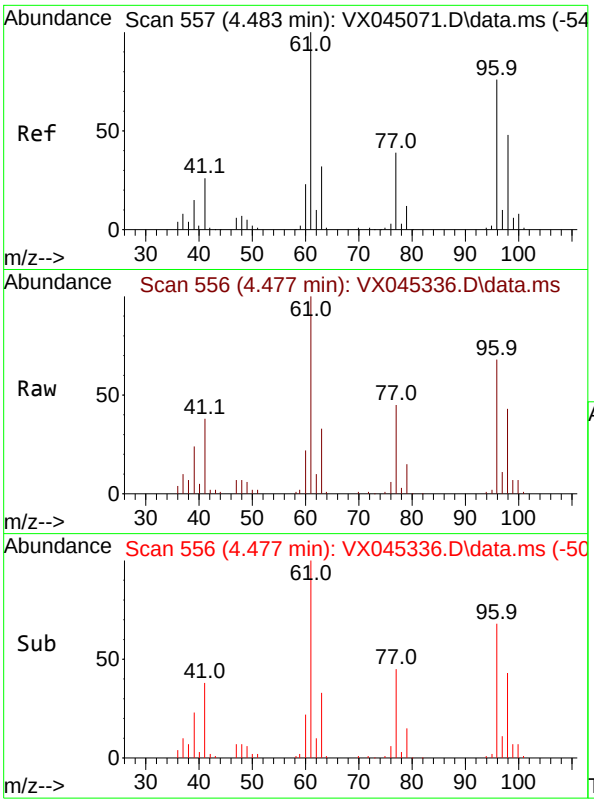


#26
2,2-Dichloropropane
Concen: 55.157 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 77 Resp: 52766

Ion	Ratio	Lower	Upper
77	100		
97	23.5	12.4	37.0



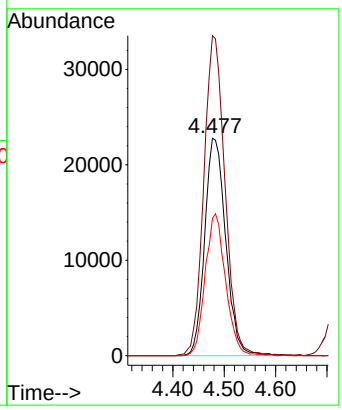


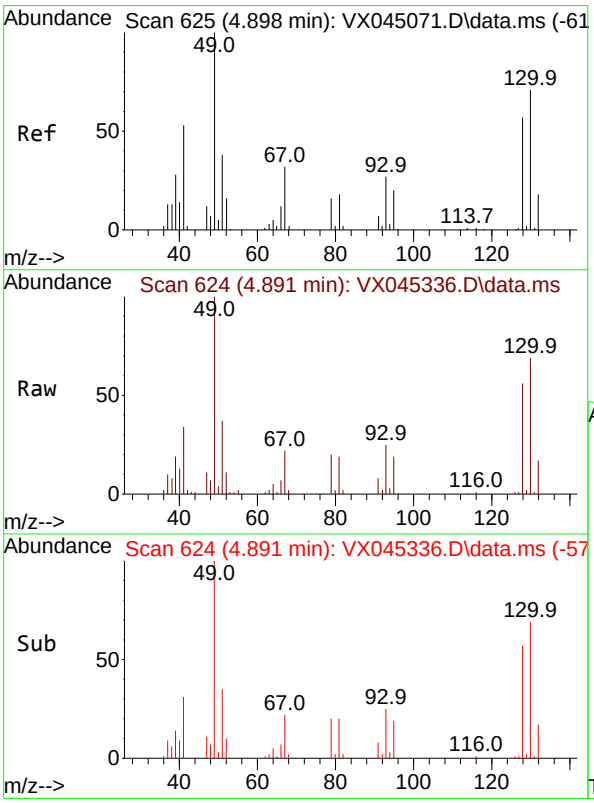
#27
cis-1,2-Dichloroethene
Concen: 52.843 ug/l
RT: 4.477 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Tgt Ion: 96 Resp: 64784

Ion	Ratio	Lower	Upper
96	100		
61	148.2	0.0	283.2
98	63.4	0.0	128.0

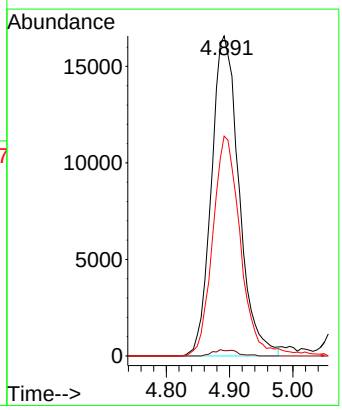


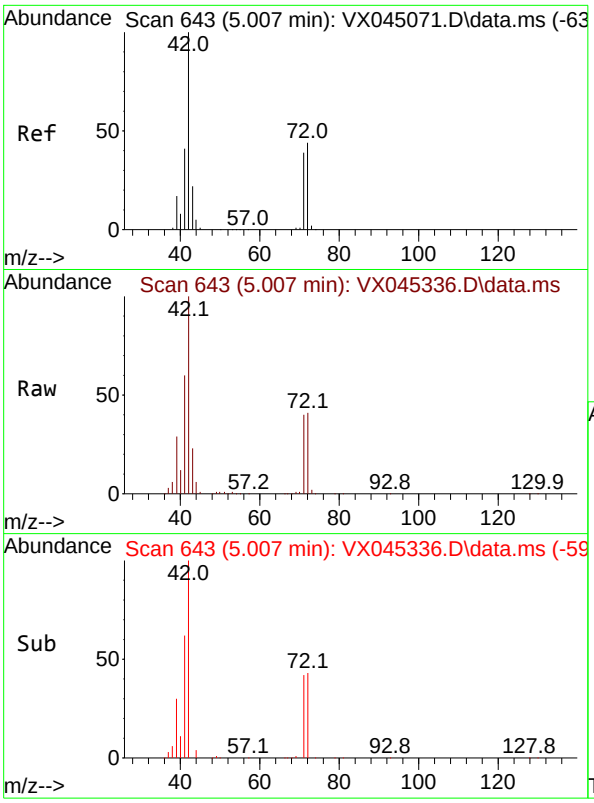


#28
Bromochloromethane
Concen: 51.626 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 49 Resp: 50188

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.4
130	69.6	56.1	84.1



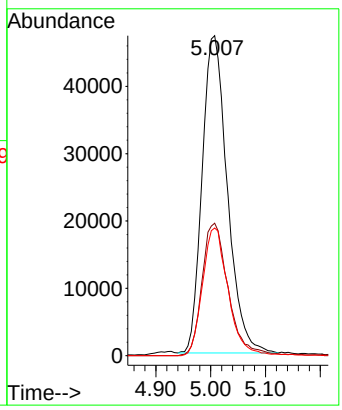


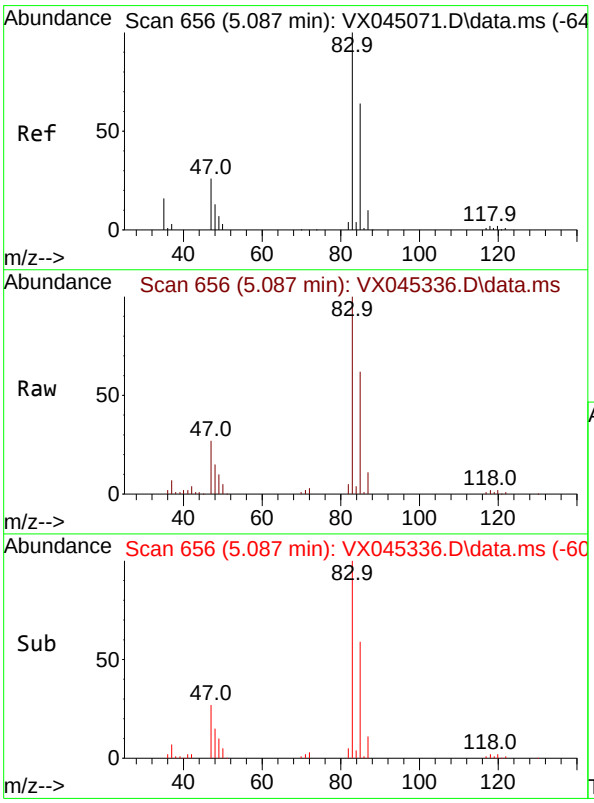
#29
Tetrahydrofuran
Concen: 246.606 ug/l
RT: 5.007 min Scan# 64
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Tgt Ion: 42 Resp: 150506

Ion	Ratio	Lower	Upper
42	100		
72	43.3	34.1	51.1
71	41.0	31.4	47.0

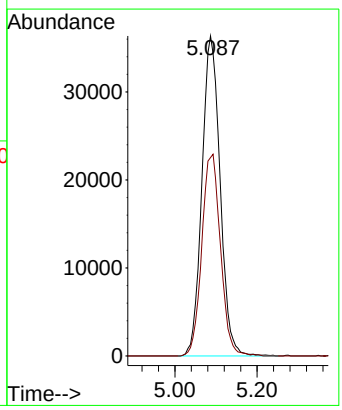


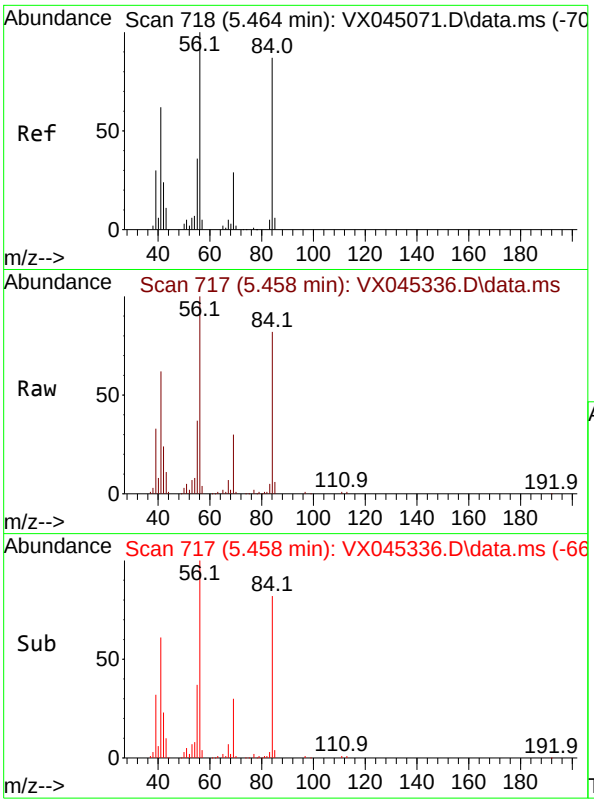


#30
Chloroform
Concen: 55.060 ug/l
RT: 5.087 min Scan# 656
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 83 Resp: 111580

Ion	Ratio	Lower	Upper
83	100		
85	62.0	51.4	77.2



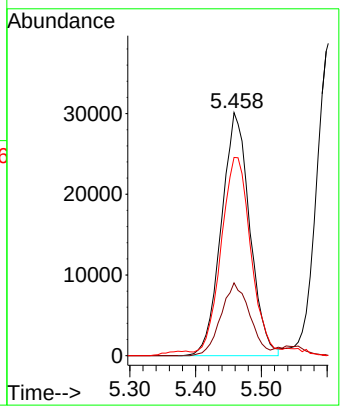


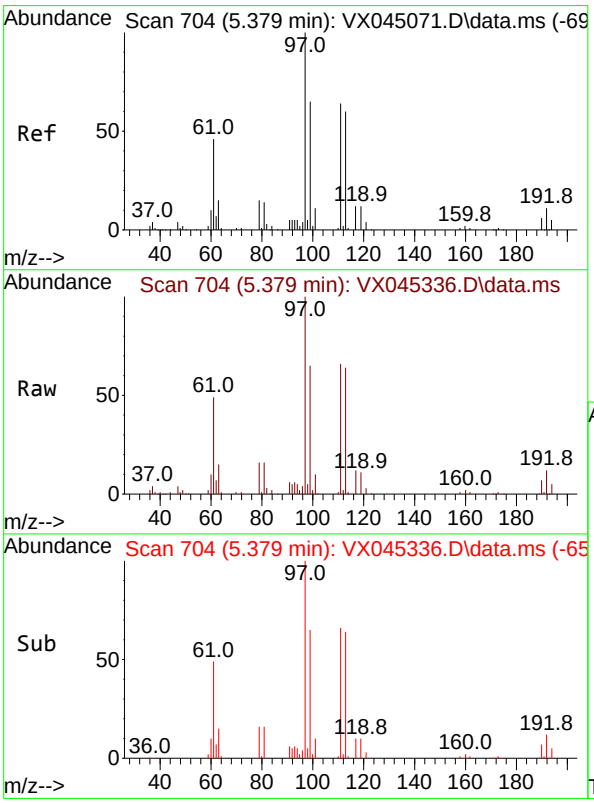
#31
Cyclohexane
Concen: 51.079 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Tgt Ion: 56 Resp: 90433

Ion	Ratio	Lower	Upper
56	100		
69	29.9	23.4	35.2
84	79.7	69.4	104.2

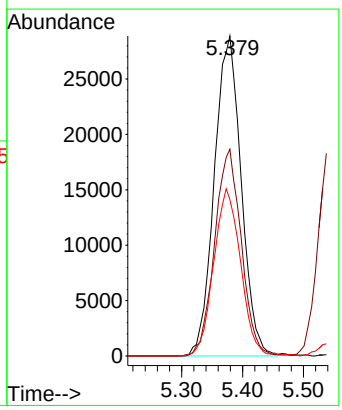


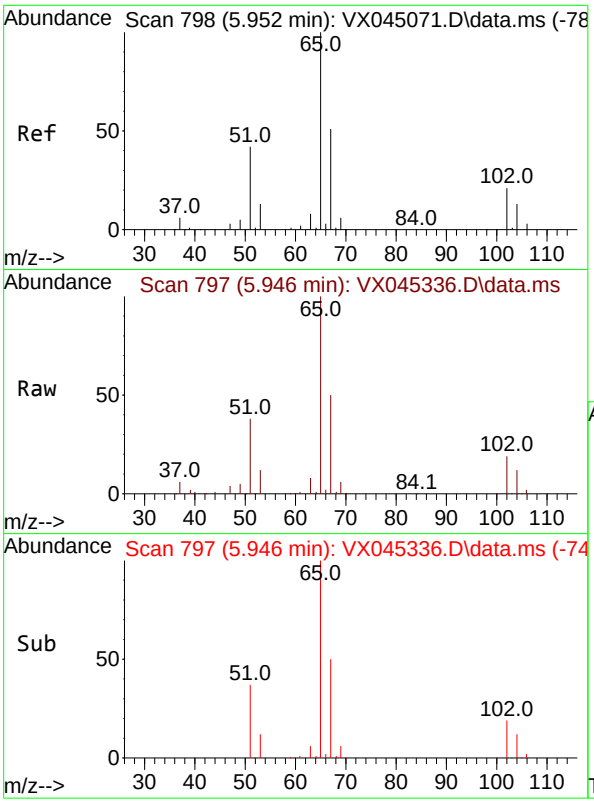


#32
1,1,1-Trichloroethane
Concen: 54.128 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 97 Resp: 88593

Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.6	77.4
61	52.1	38.4	57.6



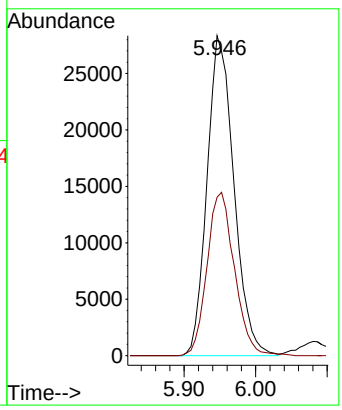


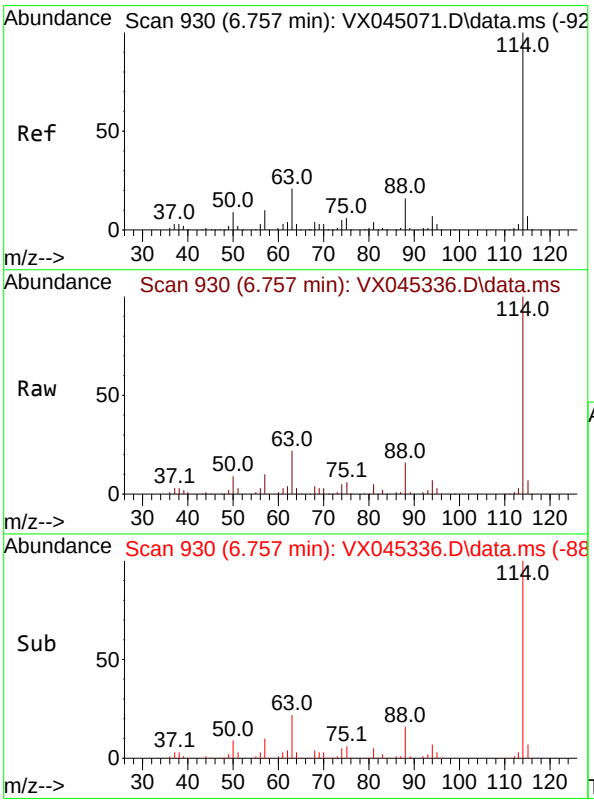
#33
1,2-Dichloroethane-d4
Concen: 56.890 ug/l
RT: 5.946 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Tgt Ion: 65 Resp: 74030

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	106.2

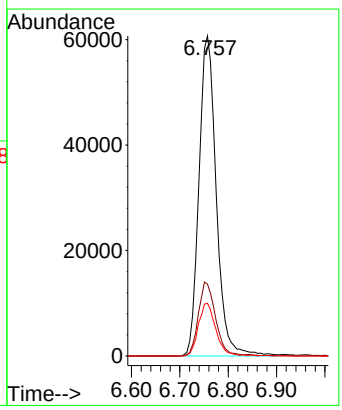


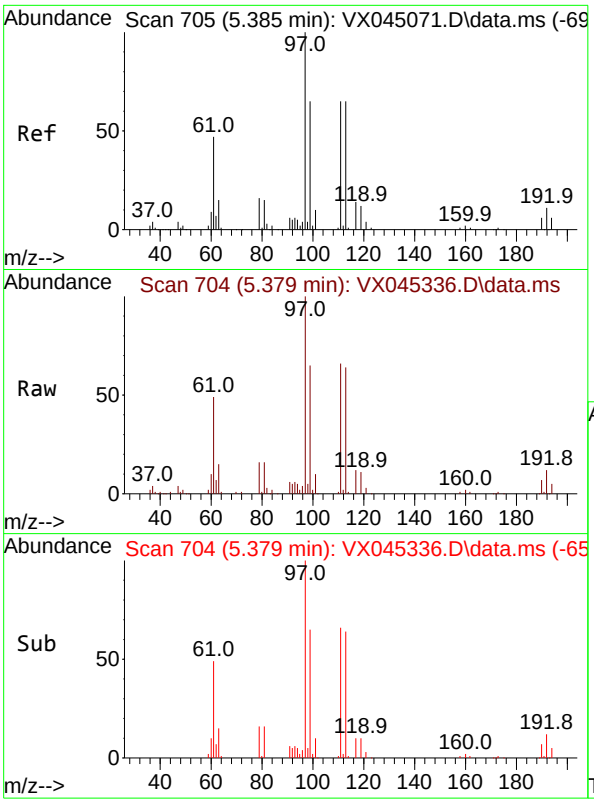


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion:114 Resp: 150929

Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	41.8
88	16.5	0.0	32.8



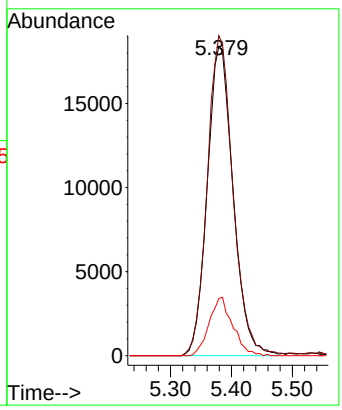


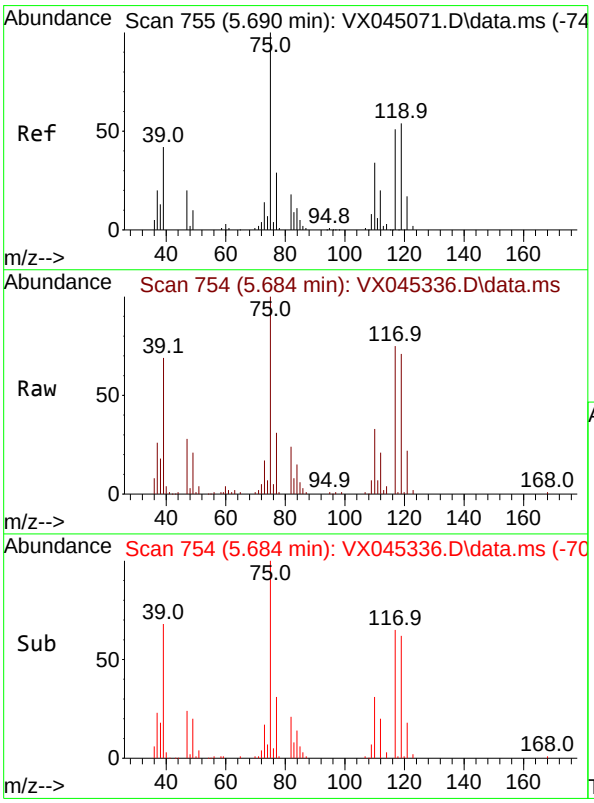
#35
Dibromofluoromethane
Concen: 53.843 ug/l
RT: 5.379 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Tgt Ion:113 Resp: 54340

Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.8	122.6
192	17.2	14.3	21.5

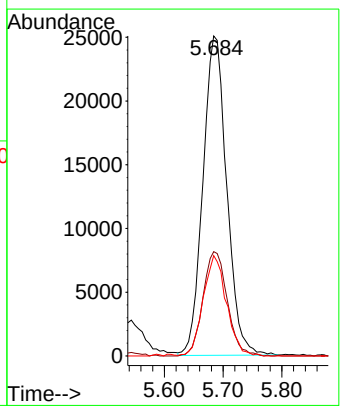


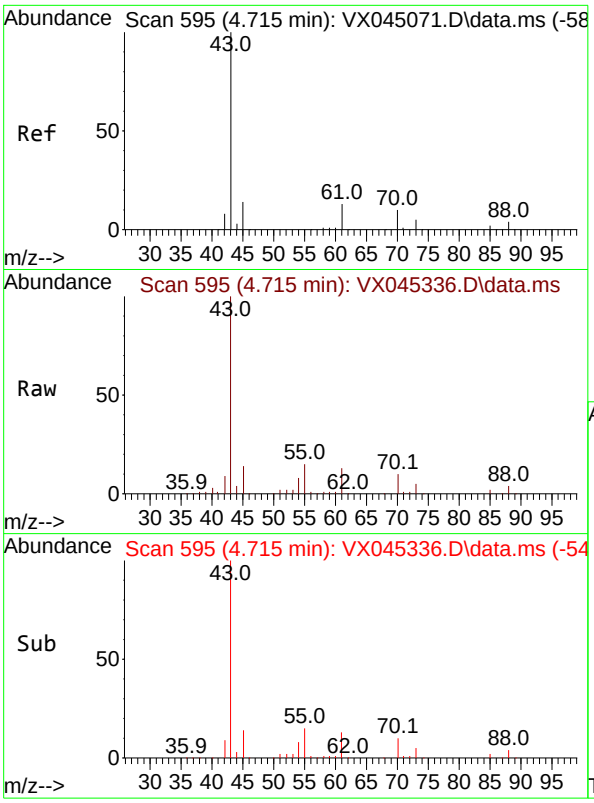


#36
1,1-Dichloropropene
Concen: 51.041 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 75 Resp: 70643

Ion	Ratio	Lower	Upper
75	100		
110	33.2	16.9	50.6
77	30.8	24.5	36.7



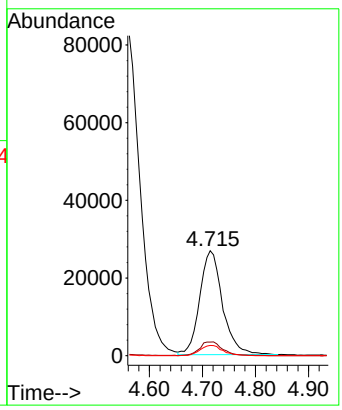


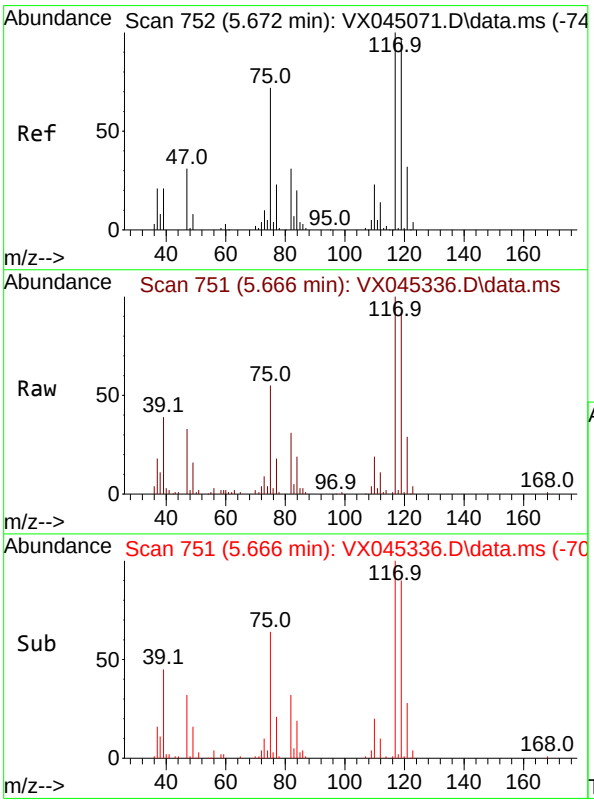
#37
Ethyl Acetate
Concen: 44.877 ug/l
RT: 4.715 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Tgt Ion: 43 Resp: 80035

Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.8	16.2
70	9.9	7.7	11.5

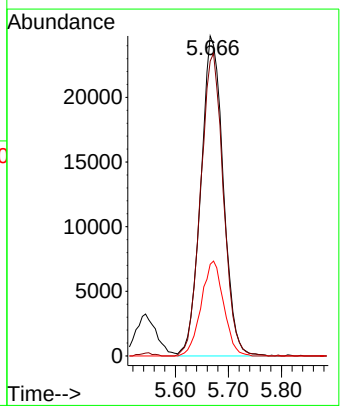


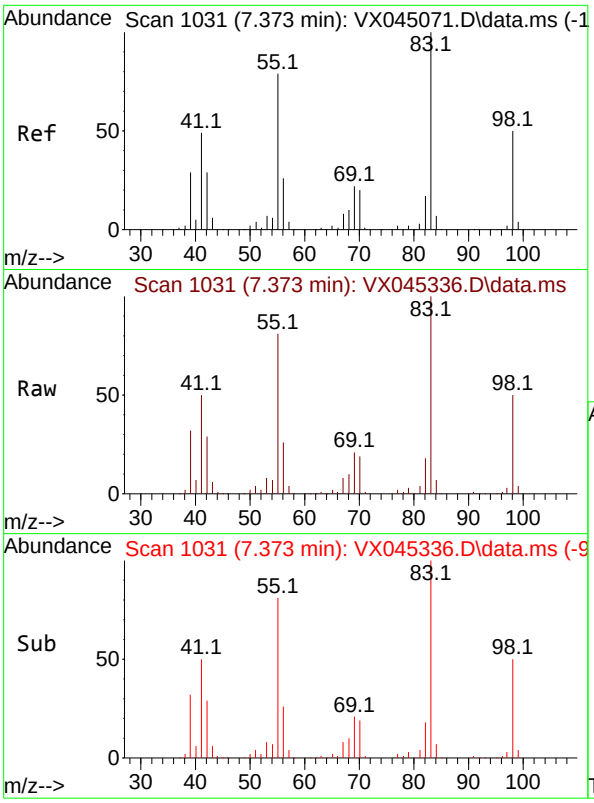


#38
Carbon Tetrachloride
Concen: 51.698 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion:117 Resp: 72643

Ion	Ratio	Lower	Upper
117	100		
119	91.9	76.7	115.1
121	28.6	25.5	38.3



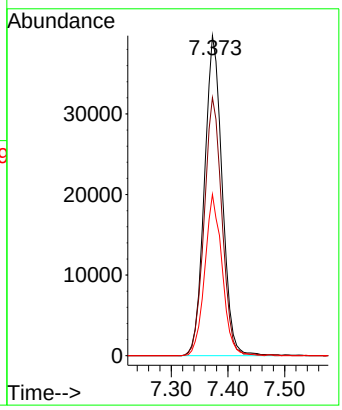


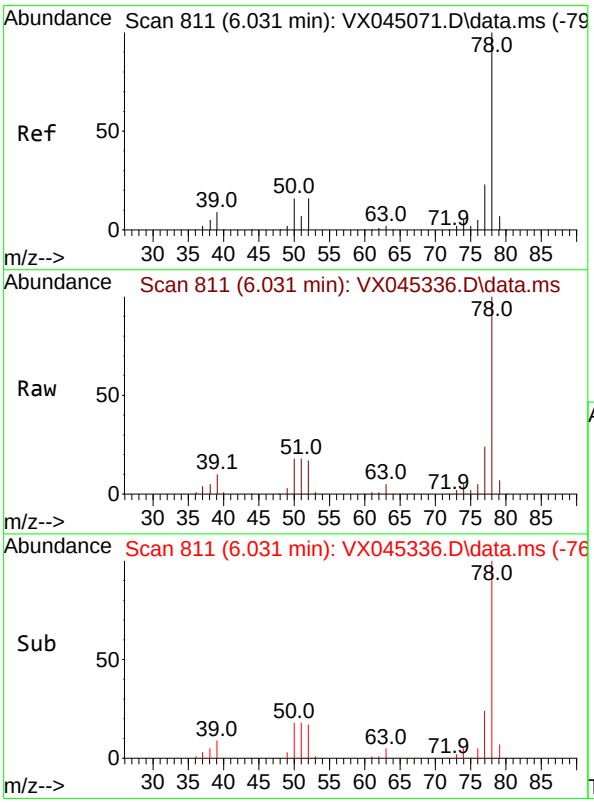
#39
Methylcyclohexane
Concen: 51.949 ug/l
RT: 7.373 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Tgt Ion: 83 Resp: 86152

Ion	Ratio	Lower	Upper
83	100		
55	80.7	63.0	94.4
98	50.4	39.7	59.5

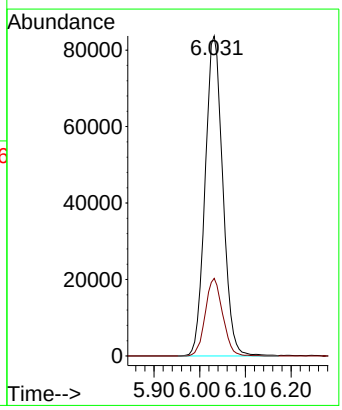


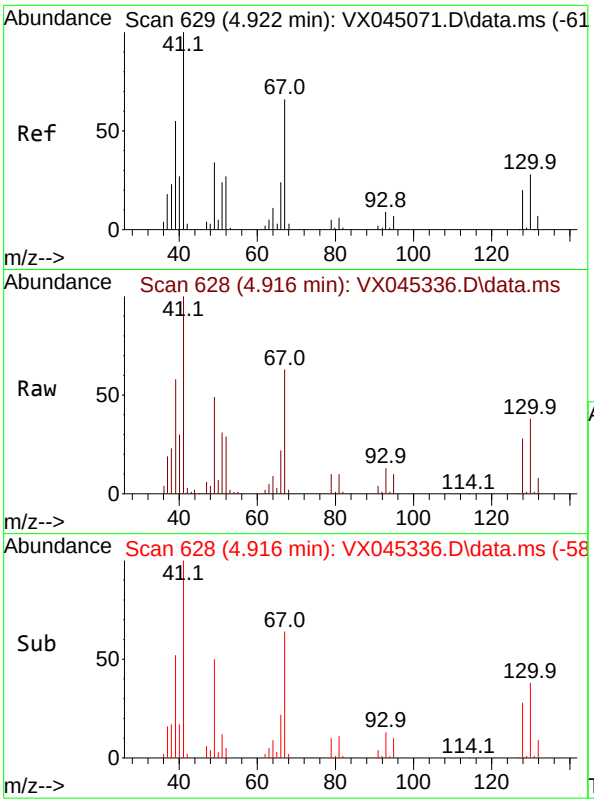


#40
Benzene
Concen: 51.354 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 78 Resp: 224443

Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.8	28.2



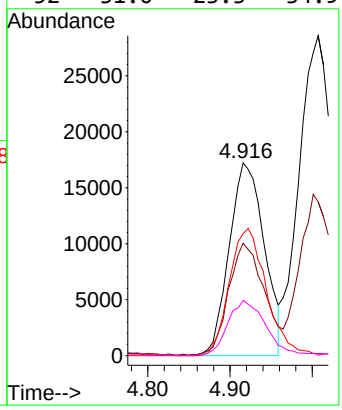


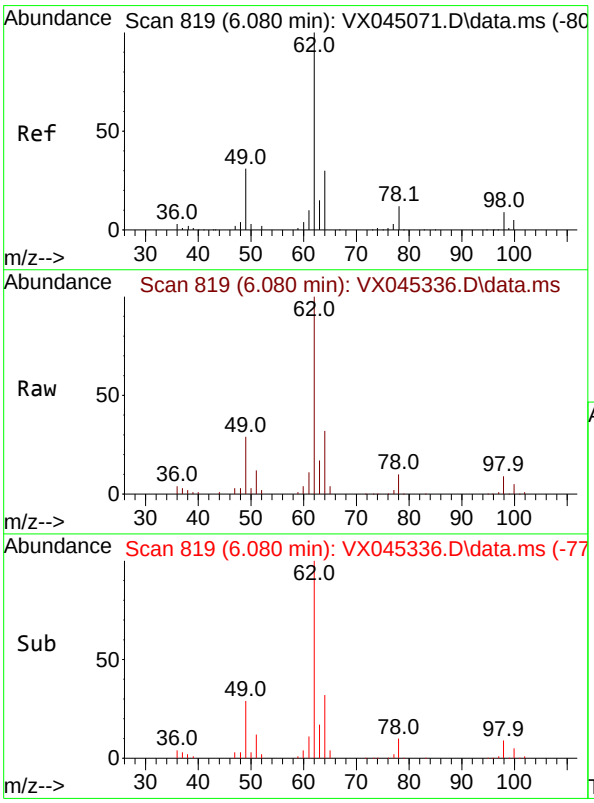
#41
Methacrylonitrile
Concen: 53.029 ug/l
RT: 4.916 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Tgt Ion: 41 Resp: 51138

Ion	Ratio	Lower	Upper
41	100		
39	59.4	44.6	67.0
67	70.1	53.9	80.9
52	31.0	23.3	34.9

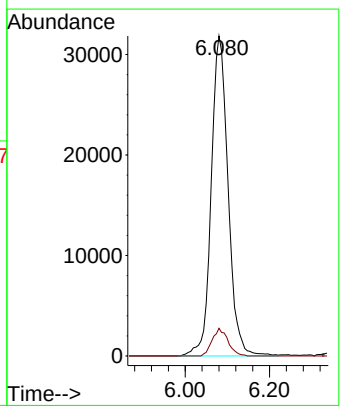


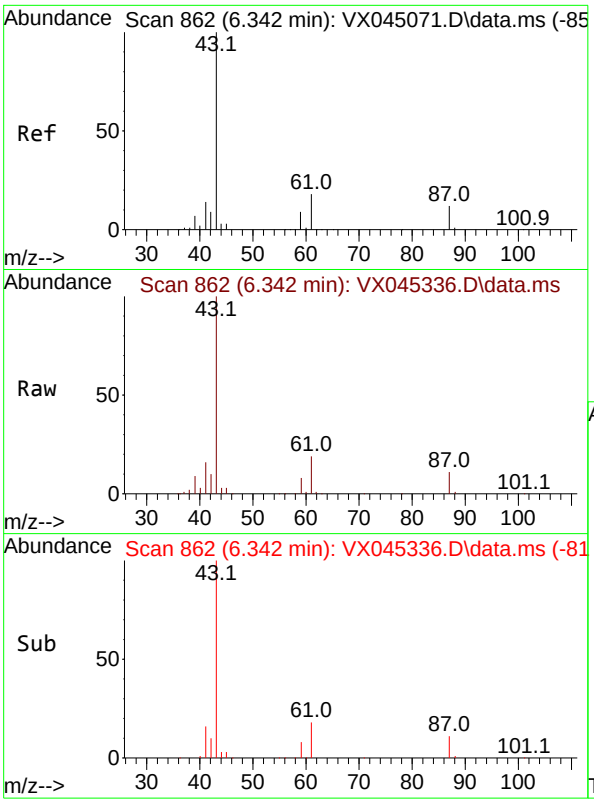


#42
1,2-Dichloroethane
Concen: 56.084 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 62 Resp: 88267

Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	18.2



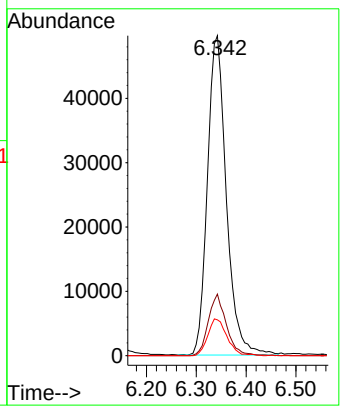


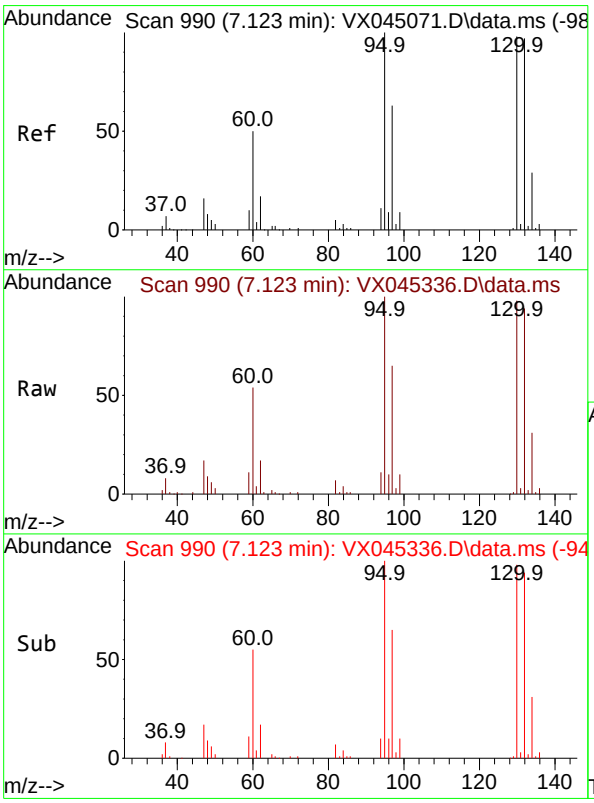
#43
Isopropyl Acetate
Concen: 49.621 ug/l
RT: 6.342 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Tgt Ion: 43 Resp: 130861

Ion	Ratio	Lower	Upper
43	100		
61	18.5	14.9	22.3
87	11.7	9.4	14.2

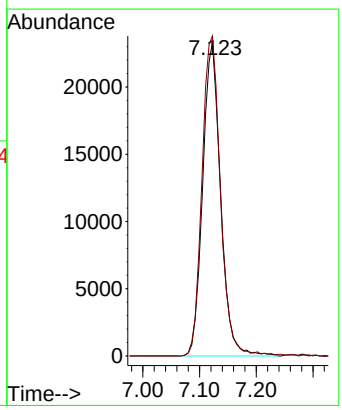


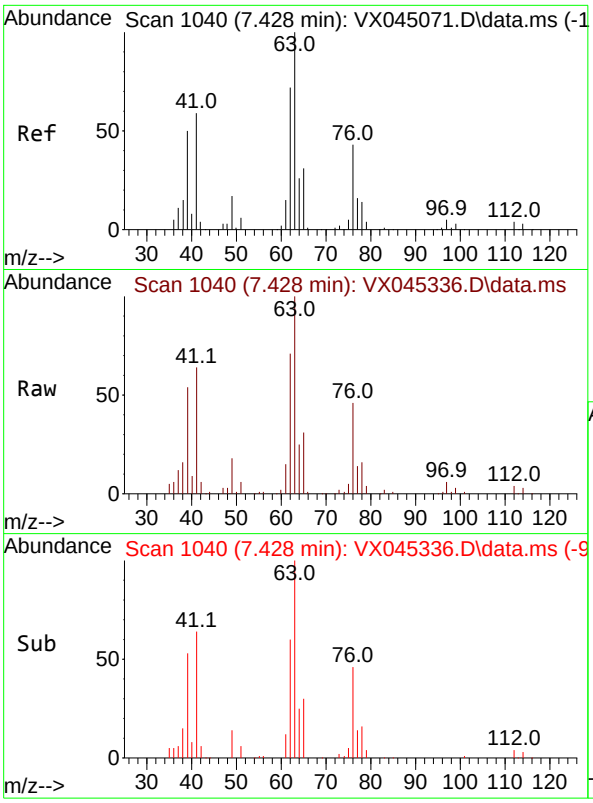


#44
Trichloroethene
Concen: 49.895 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion:130 Resp: 51204

Ion	Ratio	Lower	Upper
130	100		
95	101.9	0.0	205.0



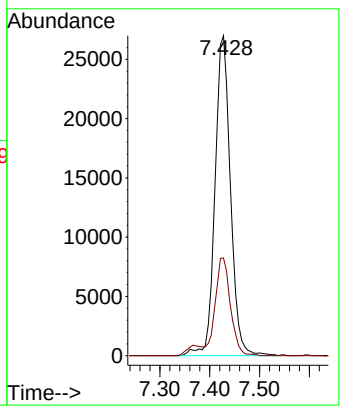


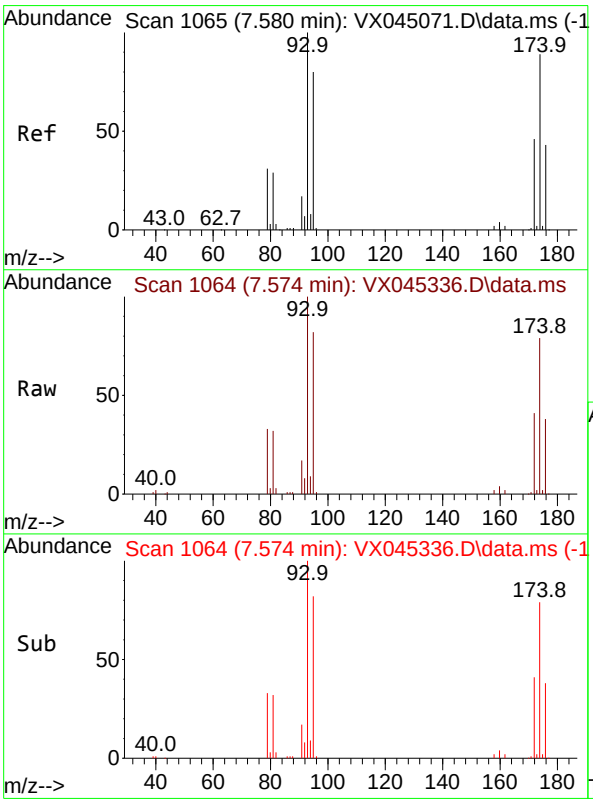
#45
1,2-Dichloropropane
Concen: 51.875 ug/l
RT: 7.428 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Tgt Ion: 63 Resp: 58292

Ion	Ratio	Lower	Upper
63	100		
65	30.6	24.7	37.1

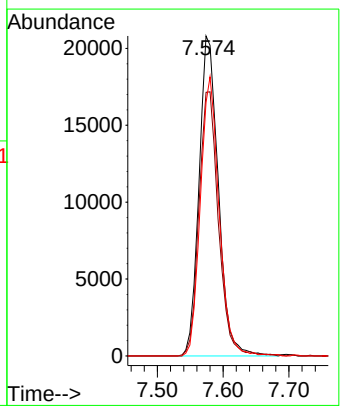


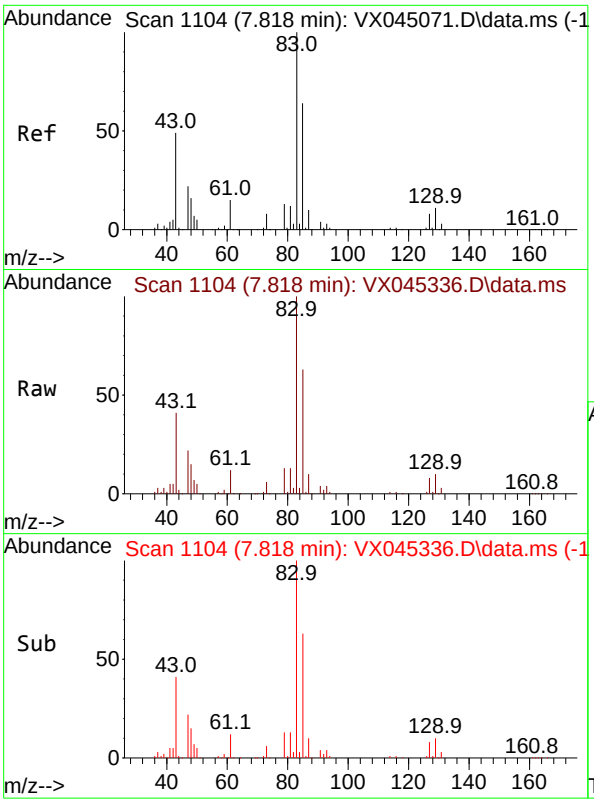


#46
Dibromomethane
Concen: 53.511 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 93 Resp: 42501

Ion	Ratio	Lower	Upper
93	100		
95	83.3	65.8	98.8
174	84.7	72.2	108.2



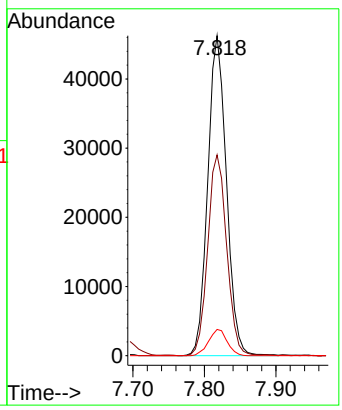


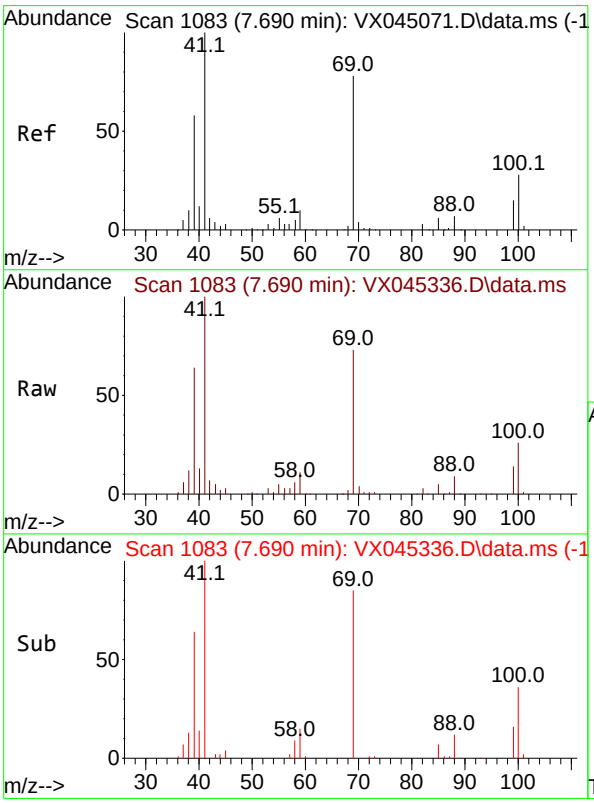
#47
Bromodichloromethane
Concen: 53.861 ug/l
RT: 7.818 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Tgt Ion: 83 Resp: 83910

Ion	Ratio	Lower	Upper
83	100		
85	62.7	51.1	76.7
127	8.2	6.4	9.6

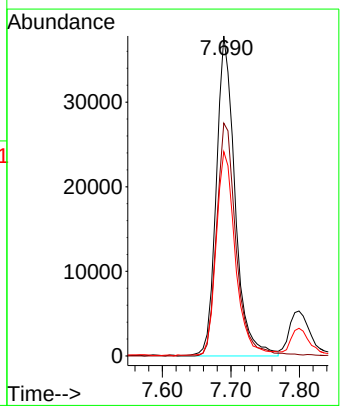


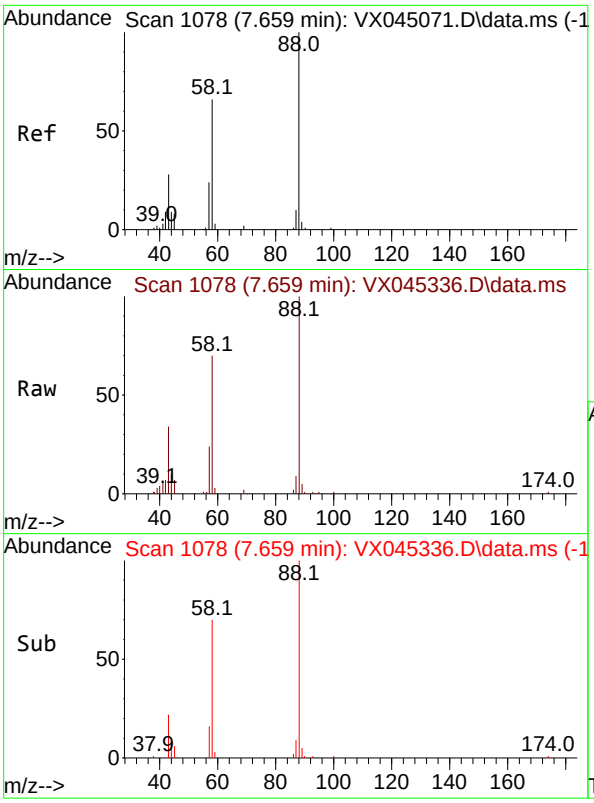


#48
Methyl methacrylate
Concen: 54.251 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 41 Resp: 71777

Ion	Ratio	Lower	Upper
41	100		
69	75.7	63.0	94.6
39	66.2	47.5	71.3



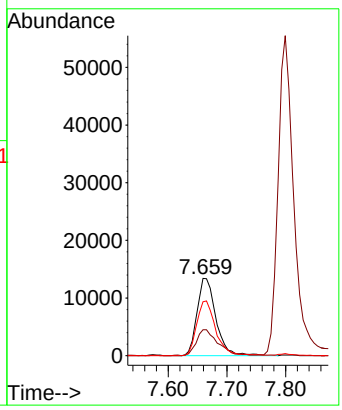


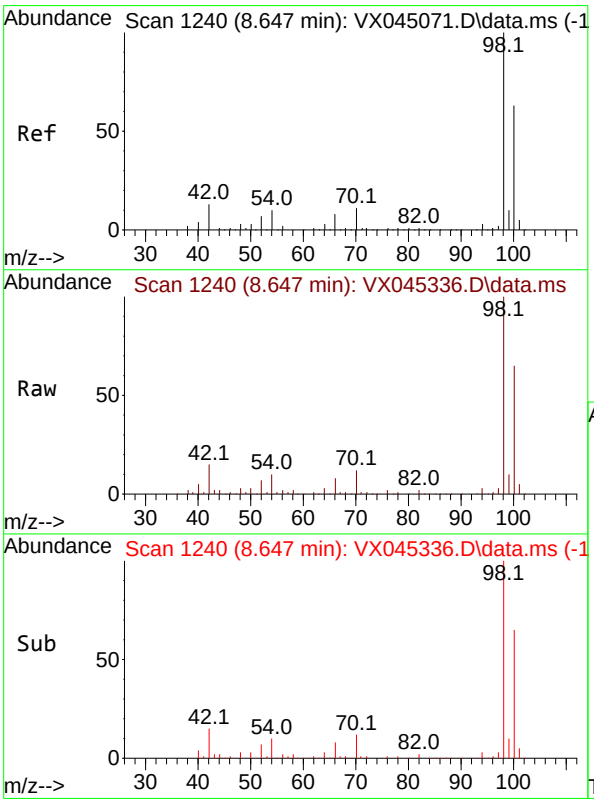
#49
1,4-Dioxane
Concen: 1071.003 ug/l
RT: 7.659 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Tgt Ion: 88 Resp: 29890

Ion	Ratio	Lower	Upper
88	100		
43	38.7	28.7	43.1
58	71.6	55.8	83.8

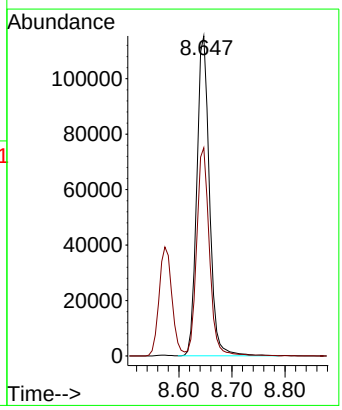


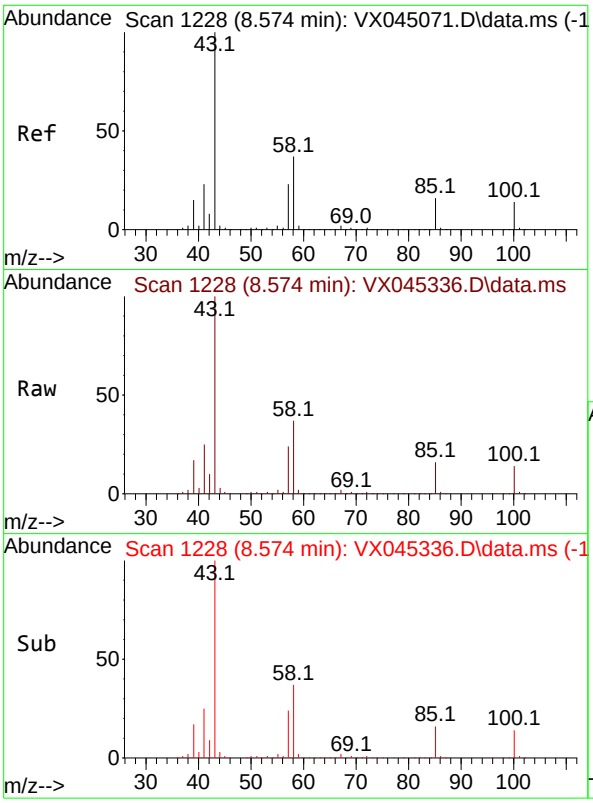


#50
Toluene-d8
Concen: 52.226 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 98 Resp: 191083

Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.0	78.0



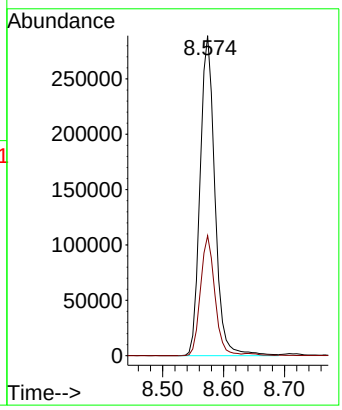


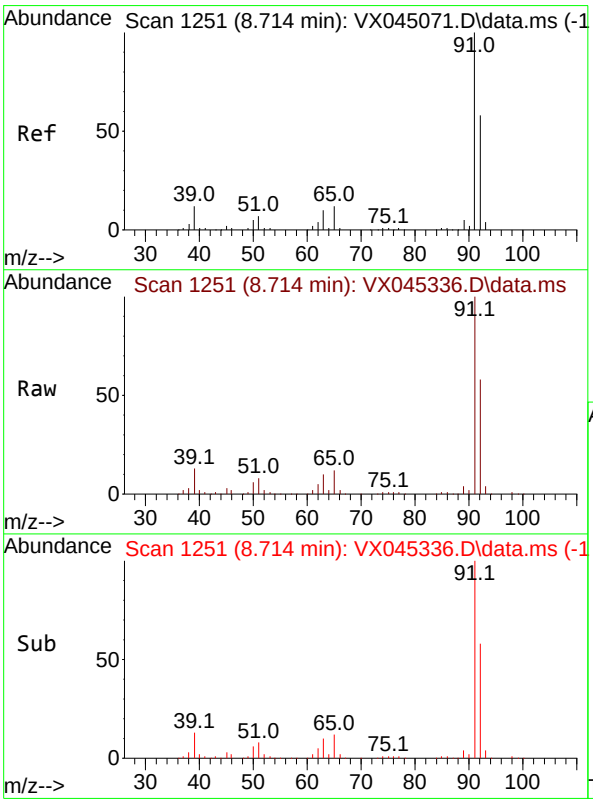
#51
4-Methyl-2-Pentanone
Concen: 276.084 ug/l
RT: 8.574 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Tgt Ion: 43 Resp: 488870

Ion	Ratio	Lower	Upper
43	100		
58	36.2	29.2	43.8

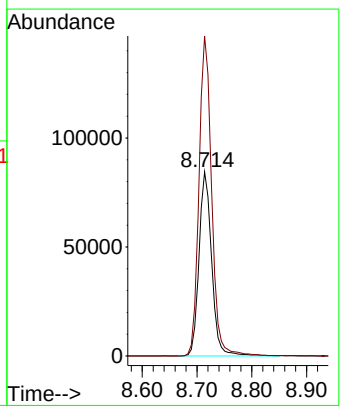


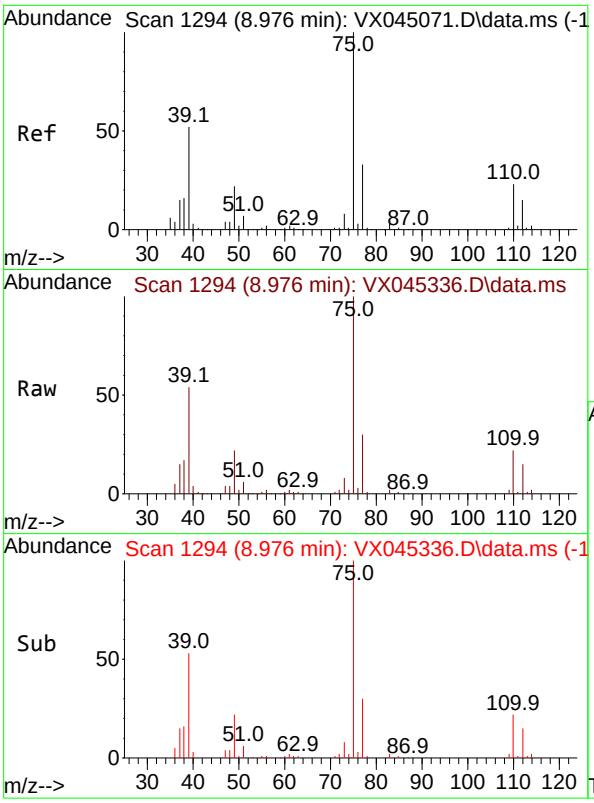


#52
Toluene
Concen: 52.878 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 92 Resp: 135592

Ion	Ratio	Lower	Upper
92	100		
91	174.2	138.9	208.3



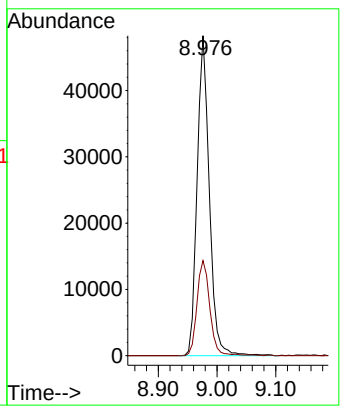


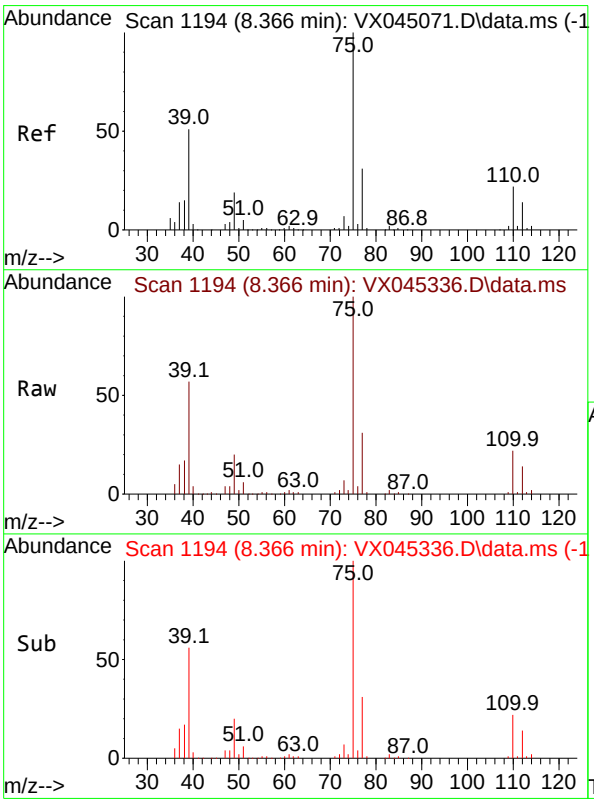
#53
t-1,3-Dichloropropene
Concen: 53.430 ug/l
RT: 8.976 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Tgt Ion: 75 Resp: 69587

Ion	Ratio	Lower	Upper
75	100		
77	29.7	26.5	39.7

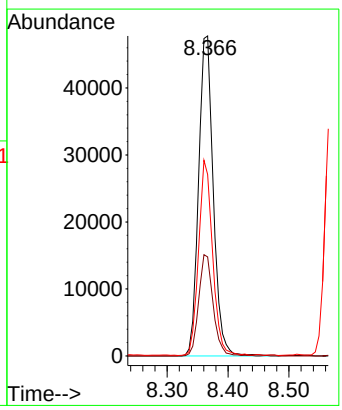


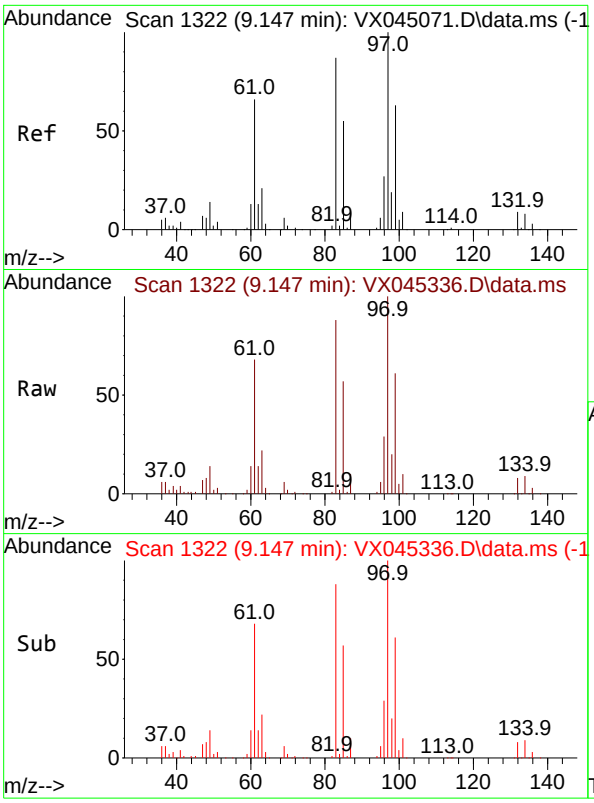


#54
cis-1,3-Dichloropropene
Concen: 52.799 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 75 Resp: 80187

Ion	Ratio	Lower	Upper
75	100		
77	31.0	24.7	37.1
39	56.5	40.7	61.1



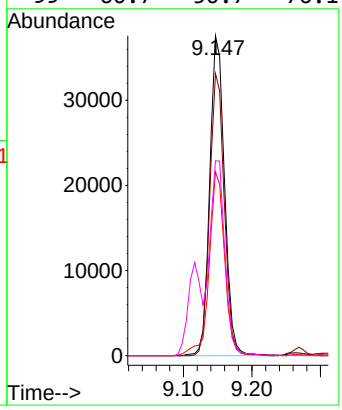


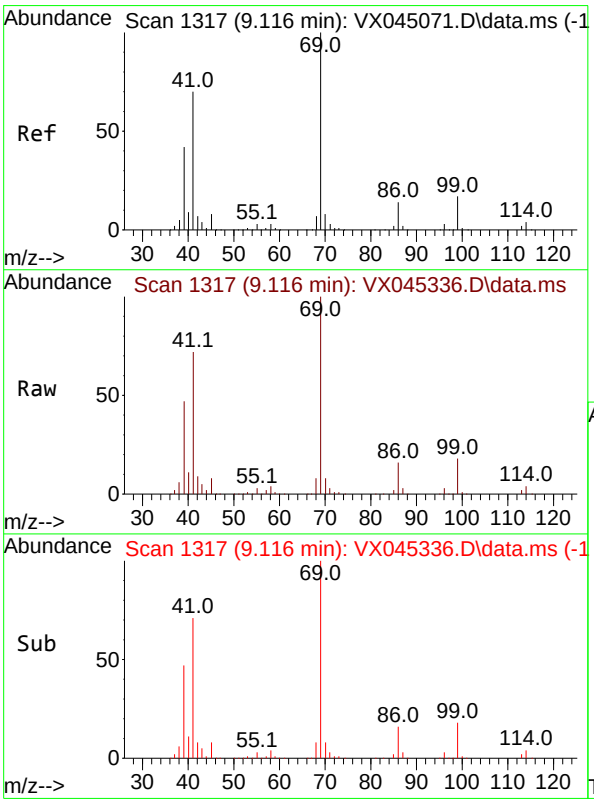
#55
1,1,2-Trichloroethane
Concen: 53.413 ug/l
RT: 9.147 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Tgt Ion: 97 Resp: 56385

Ion	Ratio	Lower	Upper
97	100		
83	88.1	69.4	104.2
85	57.5	44.1	66.1
99	60.7	50.7	76.1

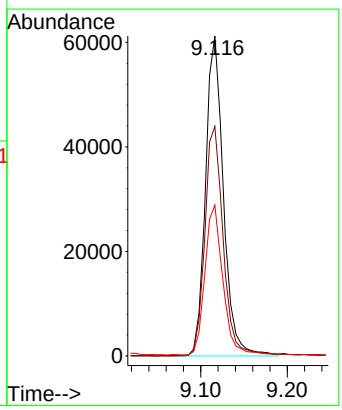


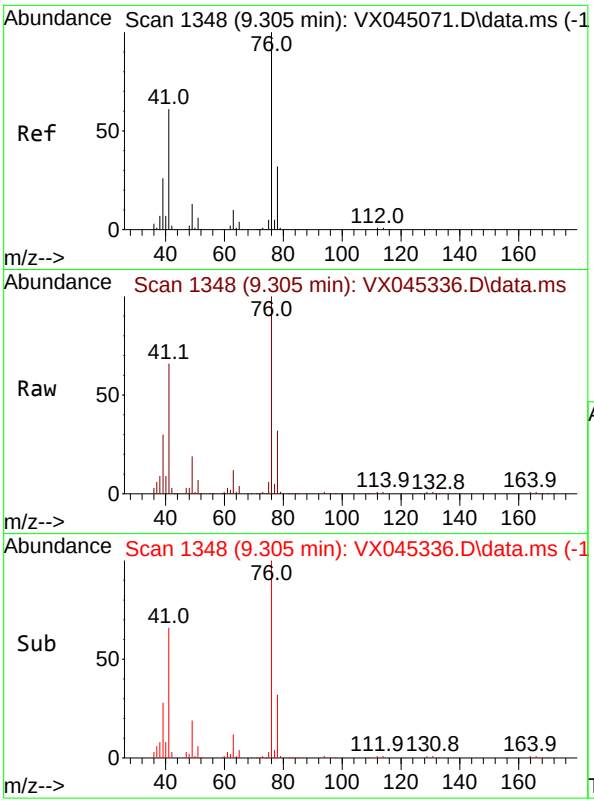


#56
Ethyl methacrylate
Concen: 54.795 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 69 Resp: 87926

Ion	Ratio	Lower	Upper
69	100		
41	74.7	57.0	85.4
39	47.2	34.2	51.4



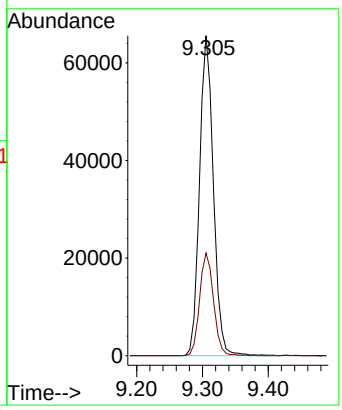


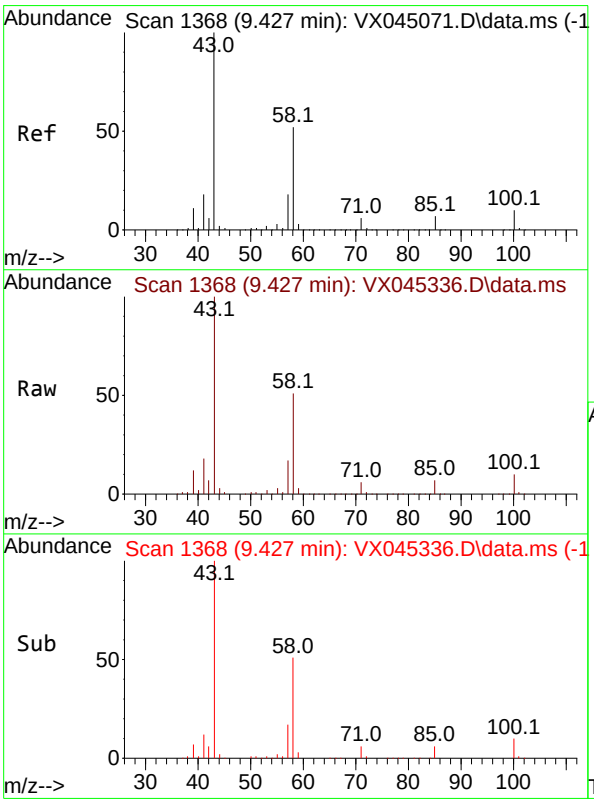
#57
1,3-Dichloropropane
Concen: 52.519 ug/l
RT: 9.305 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Tgt Ion: 76 Resp: 95946

Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.5	38.3

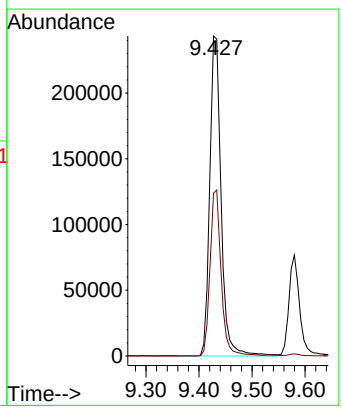


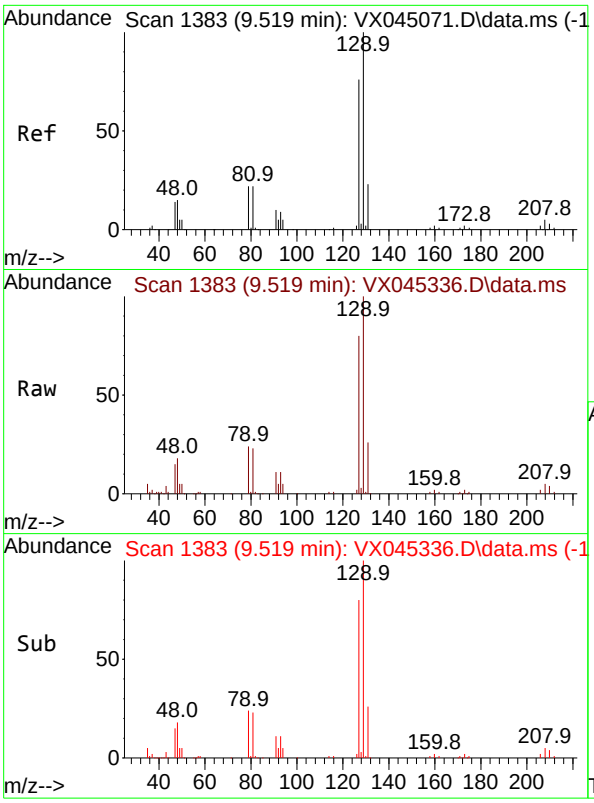


#59
2-Hexanone
Concen: 281.352 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 43 Resp: 360965

Ion	Ratio	Lower	Upper
43	100		
58	50.9	25.9	77.6



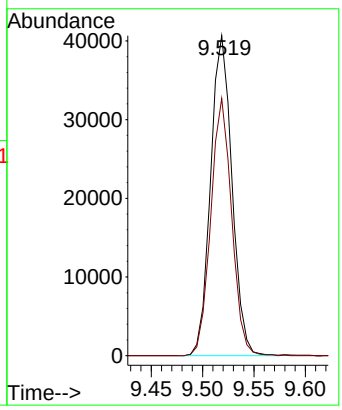


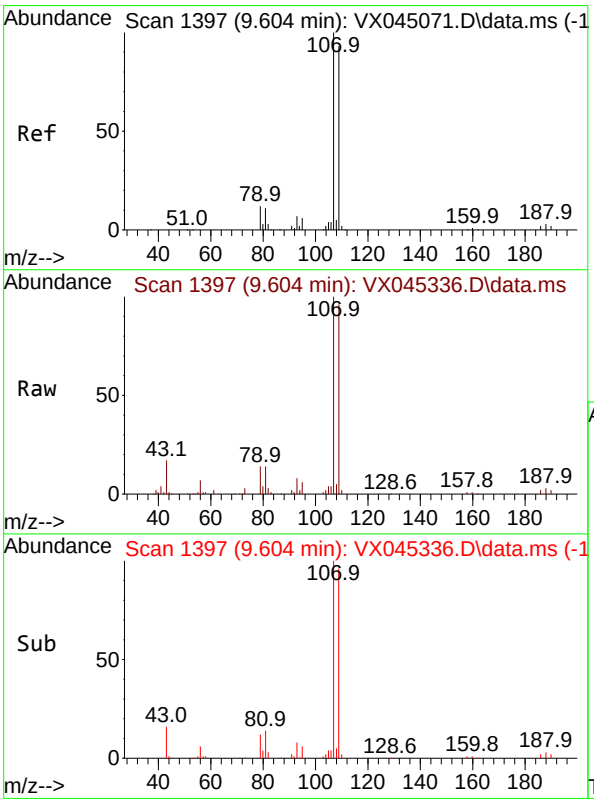
#60
Dibromochloromethane
Concen: 53.343 ug/l
RT: 9.519 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Tgt Ion:129 Resp: 58878

Ion	Ratio	Lower	Upper
129	100		
127	78.4	38.5	115.5

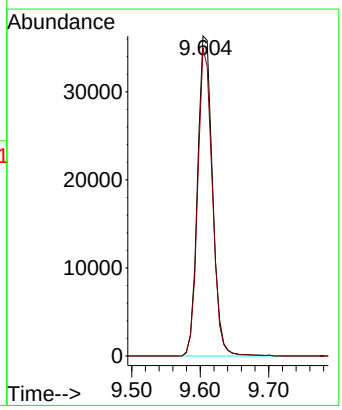


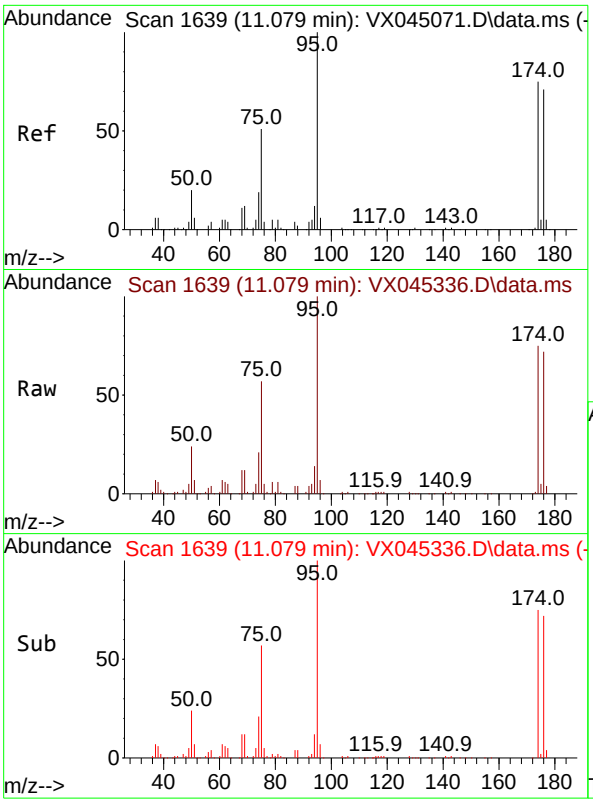


#61
1,2-Dibromoethane
Concen: 52.524 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion:107 Resp: 55352

Ion	Ratio	Lower	Upper
107	100		
109	94.1	76.1	114.1



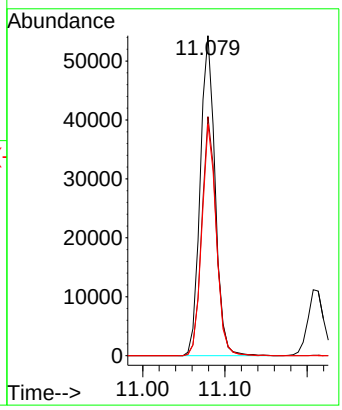


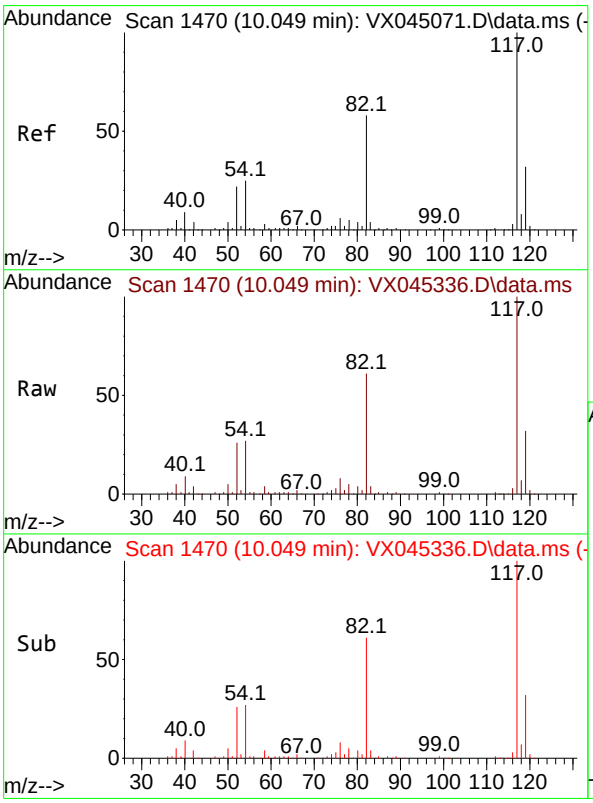
#62
4-Bromofluorobenzene
Concen: 56.246 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Tgt Ion: 95 Resp: 68193

Ion	Ratio	Lower	Upper
95	100		
174	72.6	0.0	148.2
176	69.8	0.0	141.4

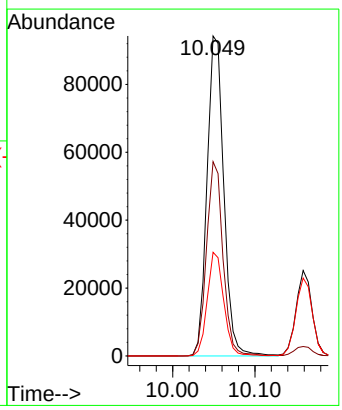


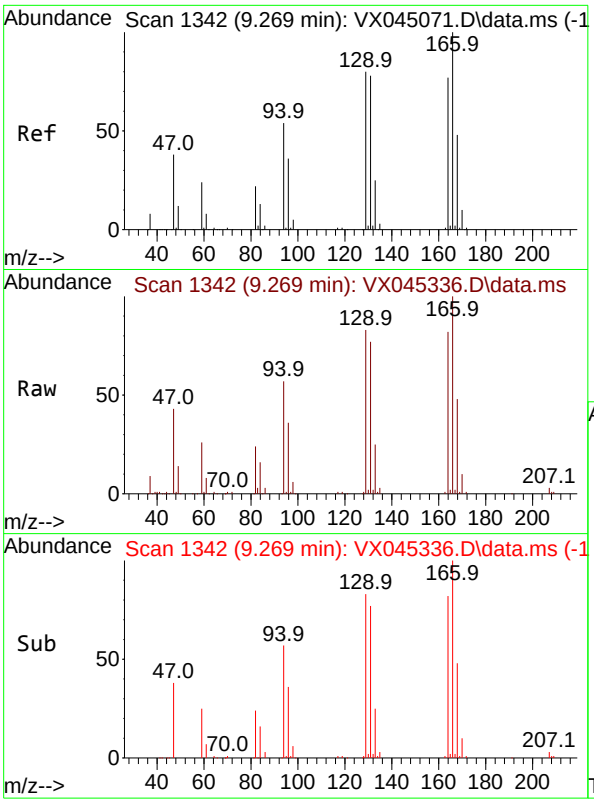


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion:117 Resp: 133572

Ion	Ratio	Lower	Upper
117	100		
82	60.7	46.3	69.5
119	32.4	25.7	38.5



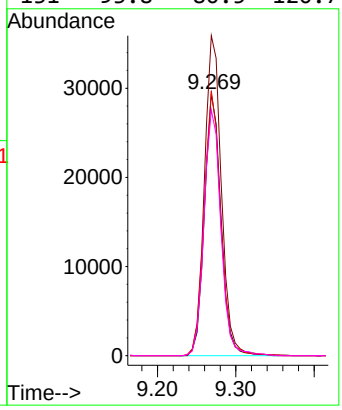


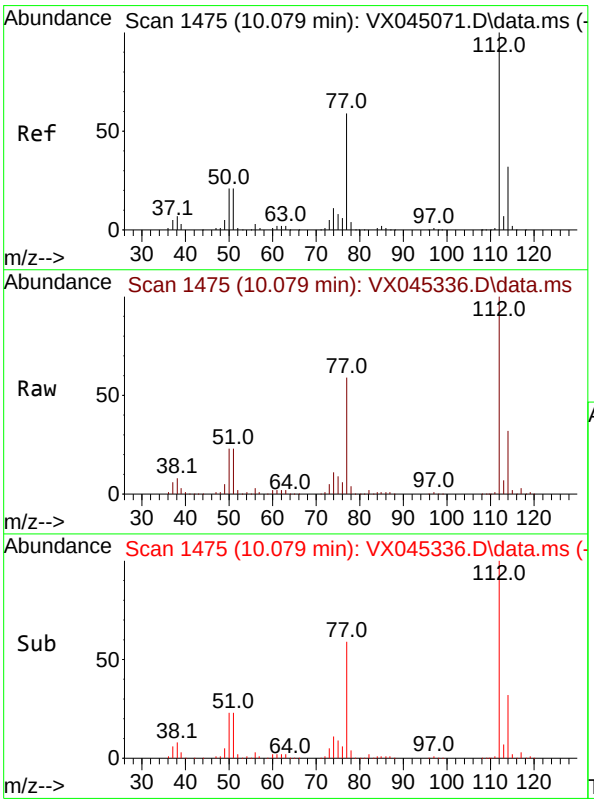
#64
Tetrachloroethene
Concen: 50.236 ug/l
RT: 9.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Tgt Ion:164 Resp: 42976

Ion	Ratio	Lower	Upper
164	100		
166	122.2	103.6	155.4
129	101.1	82.7	124.1
131	93.8	80.5	120.7

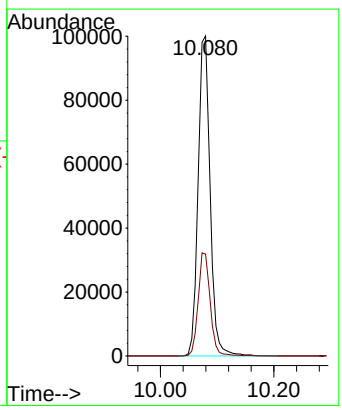


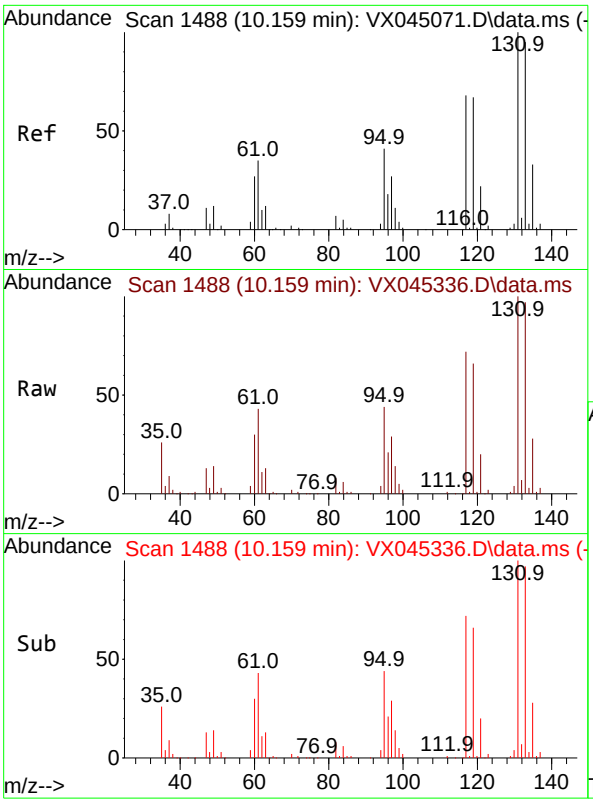


#65
Chlorobenzene
Concen: 51.926 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion:112 Resp: 146761

Ion	Ratio	Lower	Upper
112	100		
114	31.9	26.0	39.0



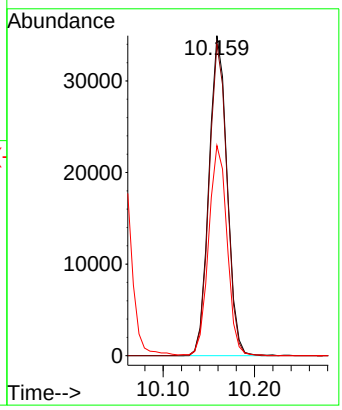


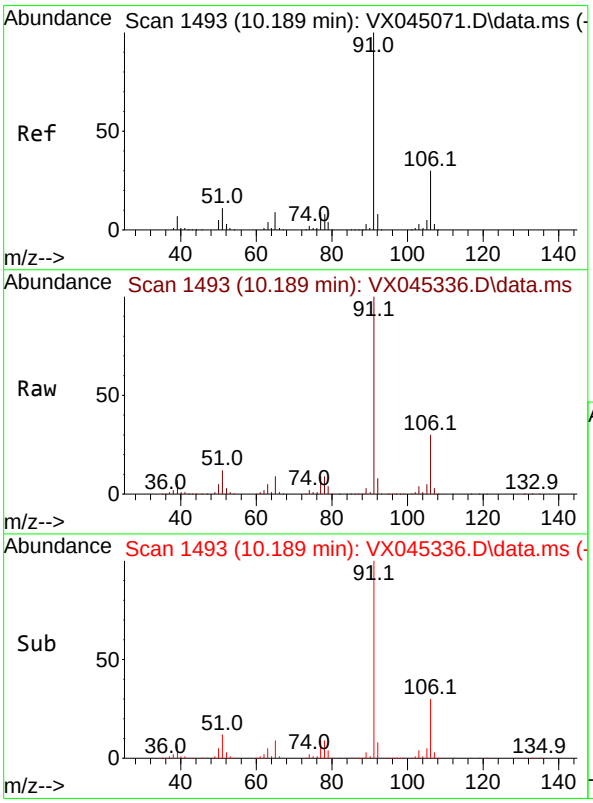
#66
1,1,1,2-Tetrachloroethane
Concen: 51.287 ug/l
RT: 10.159 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Tgt Ion:131 Resp: 48273

Ion	Ratio	Lower	Upper
131	100		
133	95.9	48.6	145.9
119	66.4	33.9	101.7

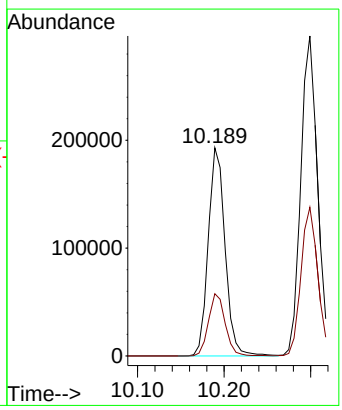


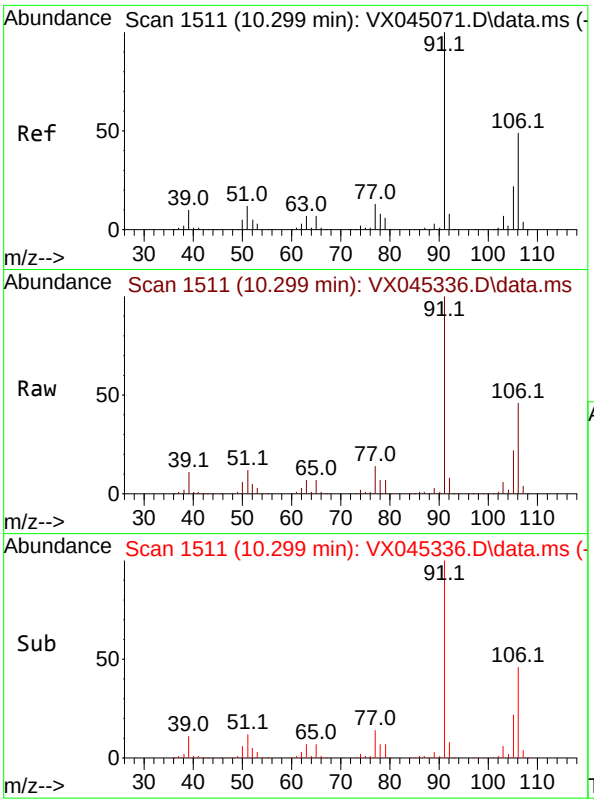


#67
Ethyl Benzene
Concen: 52.963 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 91 Resp: 260829

Ion	Ratio	Lower	Upper
91	100		
106	29.9	23.9	35.9



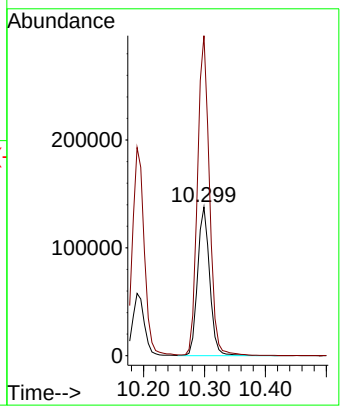


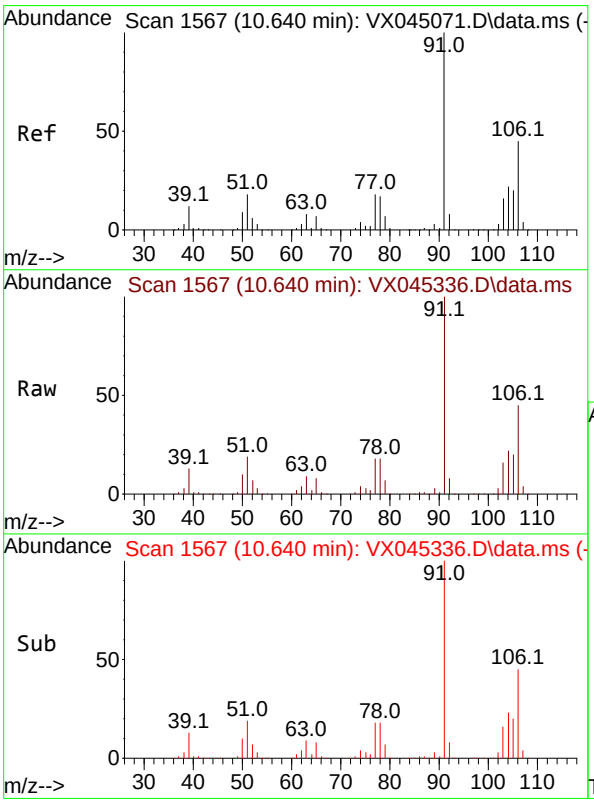
#68
m/p-Xylenes
Concen: 104.951 ug/l
RT: 10.299 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Tgt Ion:106 Resp: 189209

Ion	Ratio	Lower	Upper
106	100		
91	213.9	165.4	248.0

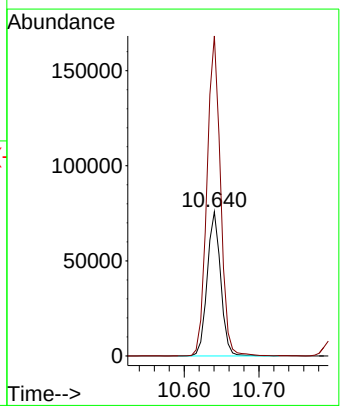


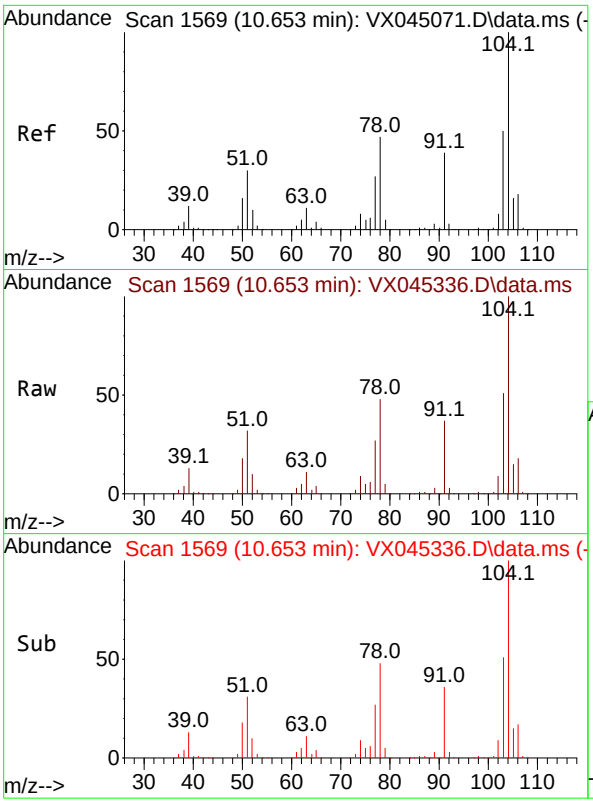


#69
o-Xylene
Concen: 52.149 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion:106 Resp: 94820

Ion	Ratio	Lower	Upper
106	100		
91	222.9	109.9	329.6



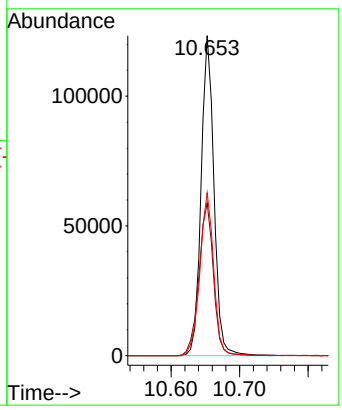


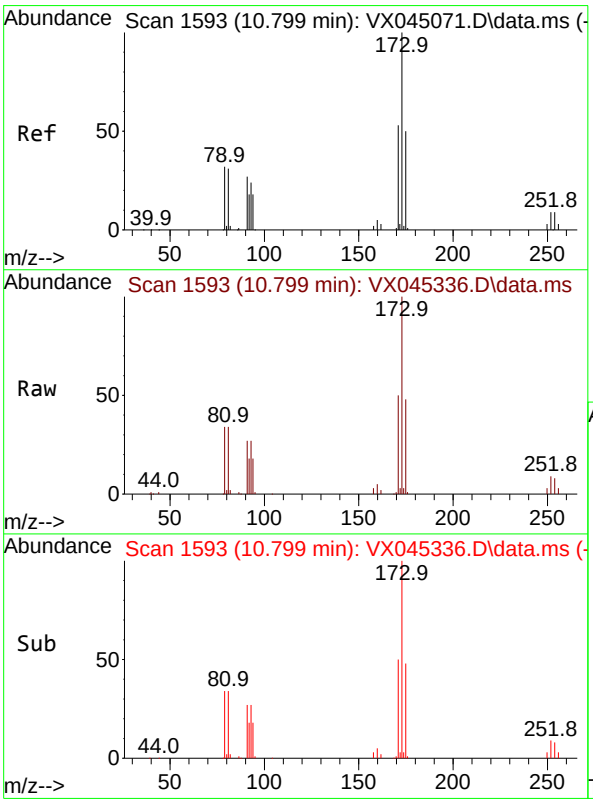
#70
Styrene
Concen: 54.826 ug/l
RT: 10.653 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Tgt Ion:104 Resp: 161303

Ion	Ratio	Lower	Upper
104	100		
78	53.9	42.2	63.4
103	55.0	43.8	65.8

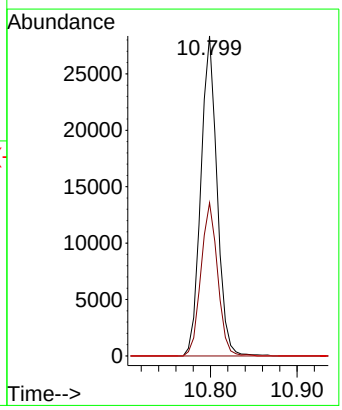


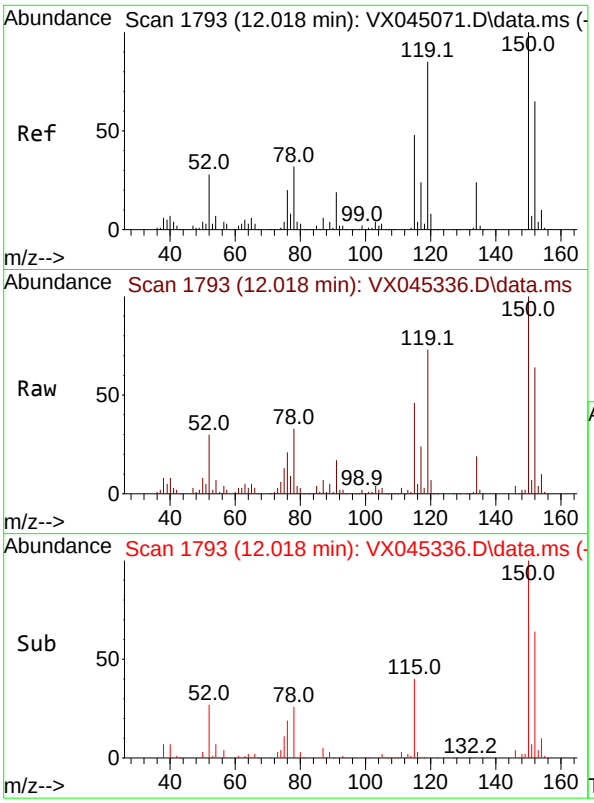


#71
Bromoform
Concen: 51.902 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion:173 Resp: 36839

Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.6	73.6
254	0.0	0.0	0.0



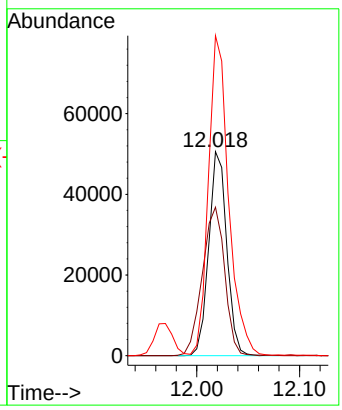


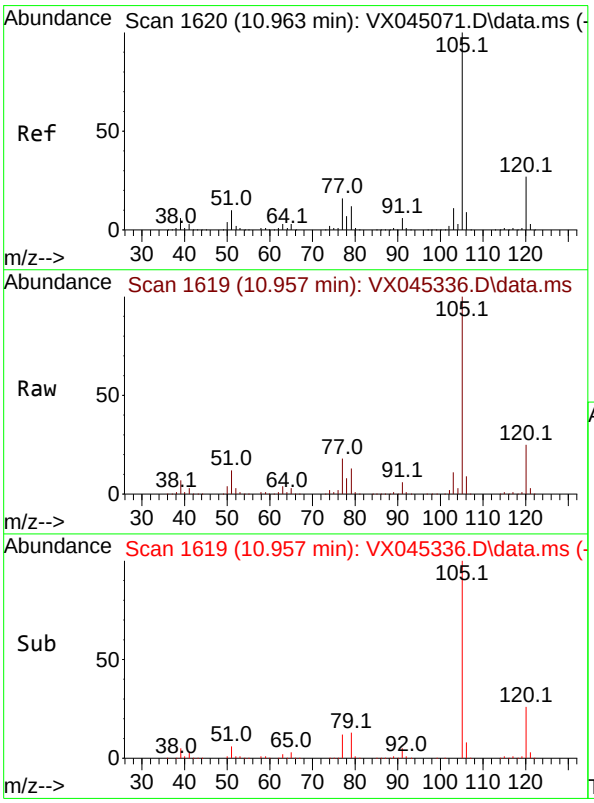
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Tgt Ion:152 Resp: 61705

Ion	Ratio	Lower	Upper
152	100		
115	90.4	44.2	132.6
150	174.9	0.0	349.0

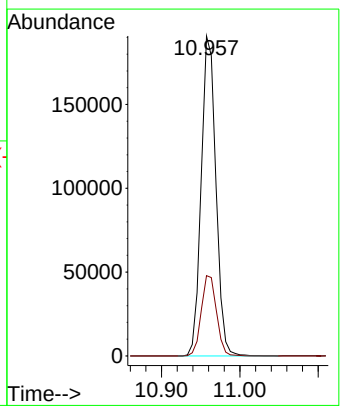


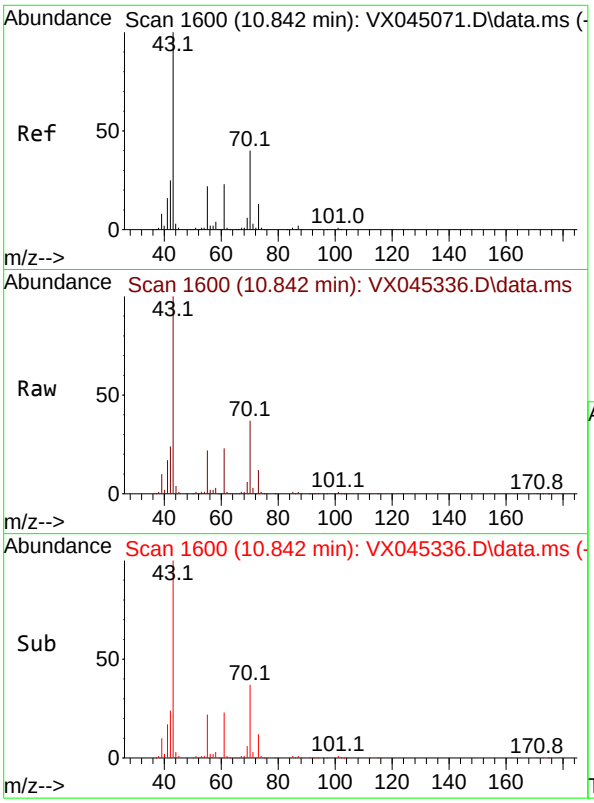


#73
Isopropylbenzene
Concen: 51.630 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion:105 Resp: 248664

Ion	Ratio	Lower	Upper
105	100		
120	25.9	13.2	39.5



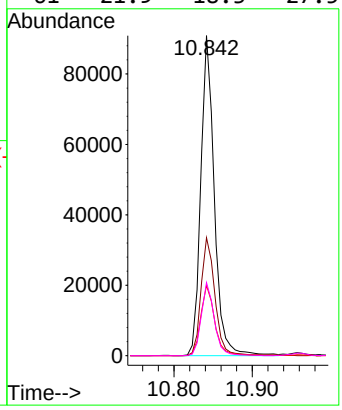


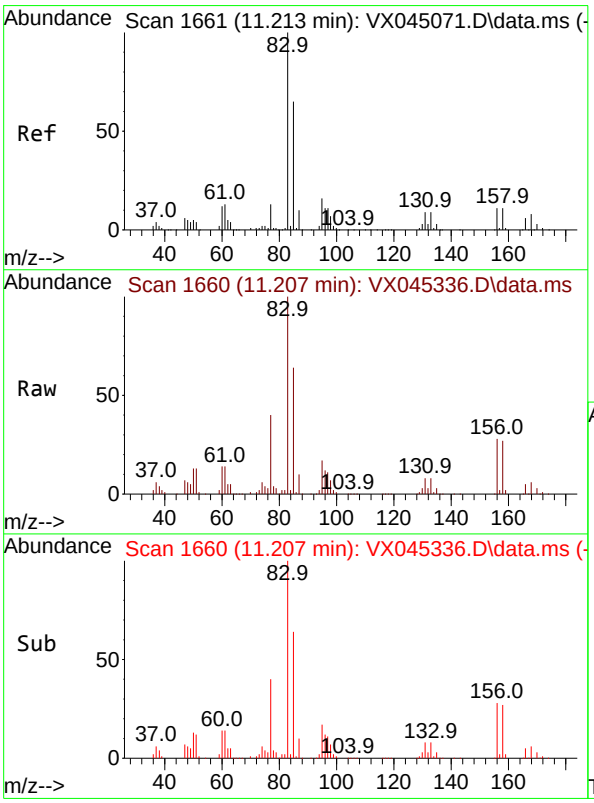
#74
N-amyl acetate
Concen: 48.406 ug/l
RT: 10.842 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Tgt Ion: 43 Resp: 109394

Ion	Ratio	Lower	Upper
43	100		
70	38.2	31.8	47.6
55	22.6	18.3	27.5
61	21.9	18.3	27.5

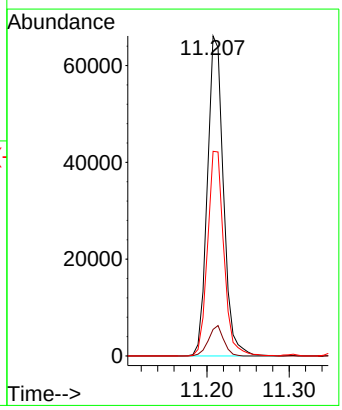


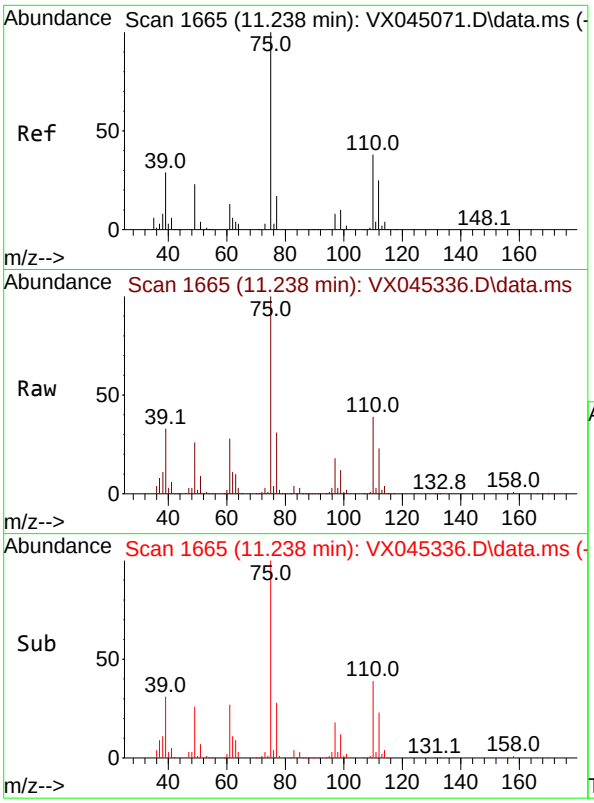


#75
1,1,2,2-Tetrachloroethane
Concen: 50.674 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 83 Resp: 89561

Ion	Ratio	Lower	Upper
83	100		
131	9.0	4.5	13.4
85	64.7	31.7	95.1



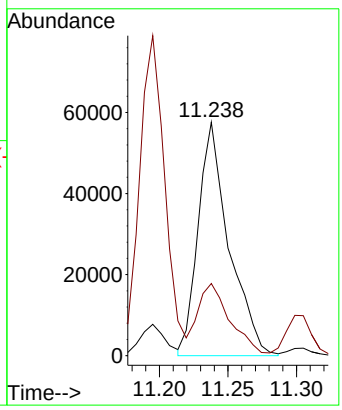


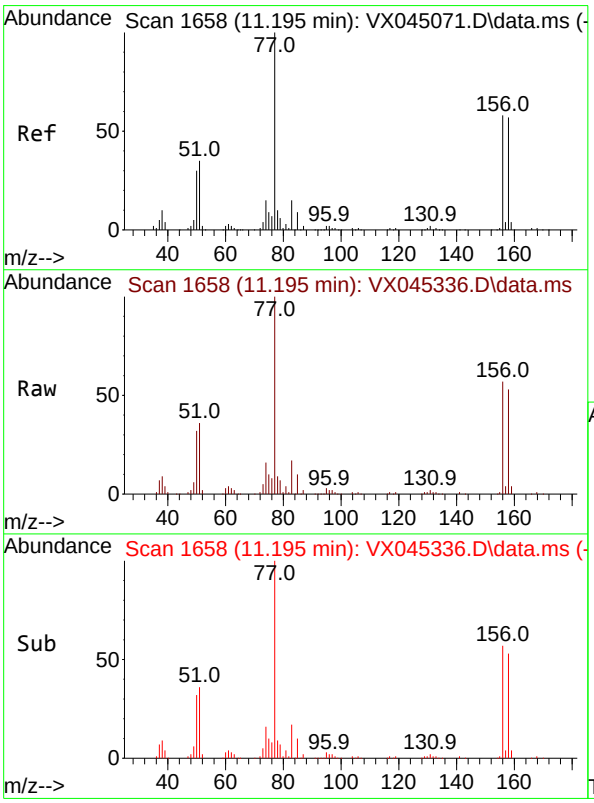
#76
1,2,3-Trichloropropane
Concen: 62.871 ug/l
RT: 11.238 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Tgt Ion: 75 Resp: 90294

Ion	Ratio	Lower	Upper
75	100		
77	32.4	20.7	62.1

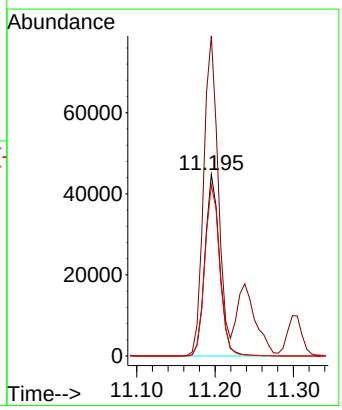


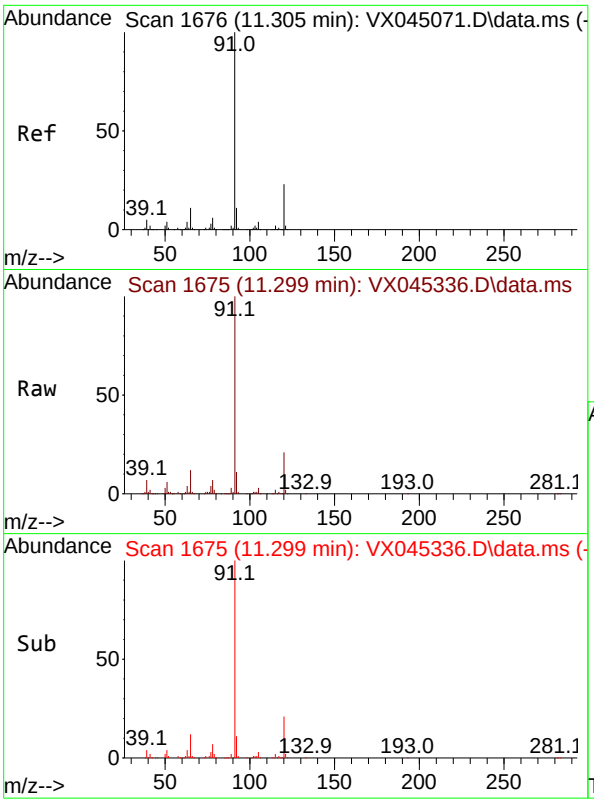


#77
Bromobenzene
Concen: 50.684 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion:156 Resp: 57595

Ion	Ratio	Lower	Upper
156	100		
77	177.0	85.8	257.4
158	96.5	48.4	145.2



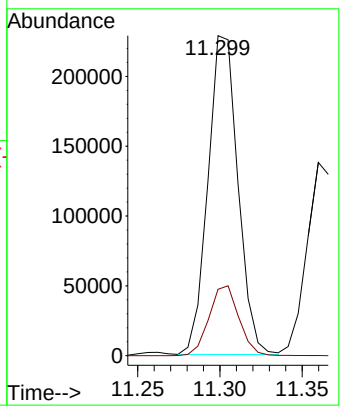


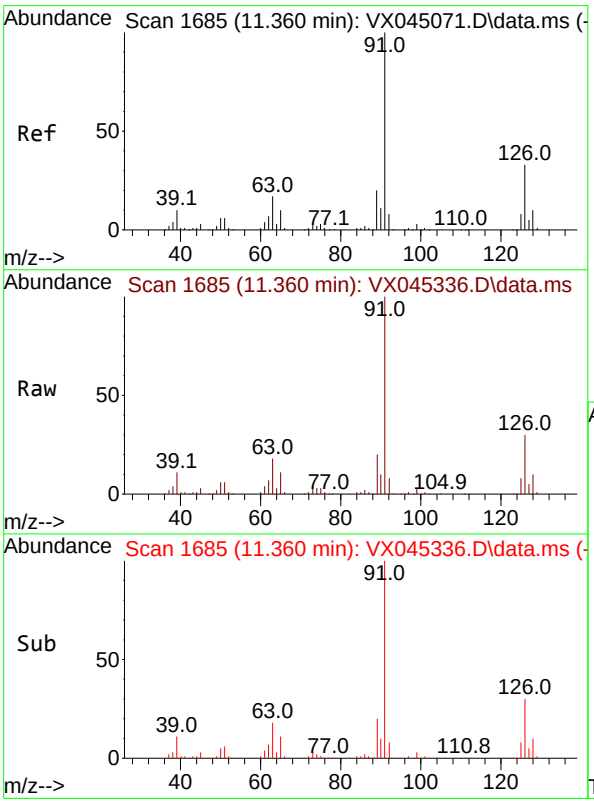
#78
n-propylbenzene
Concen: 53.248 ug/l
RT: 11.299 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Tgt Ion: 91 Resp: 289701

Ion	Ratio	Lower	Upper
91	100		
120	21.9	11.2	33.6

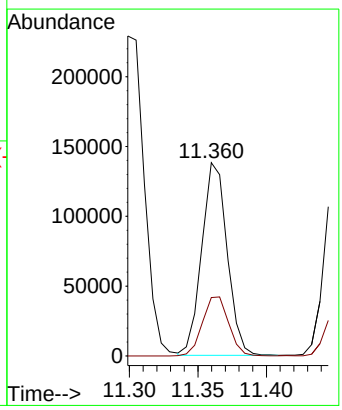


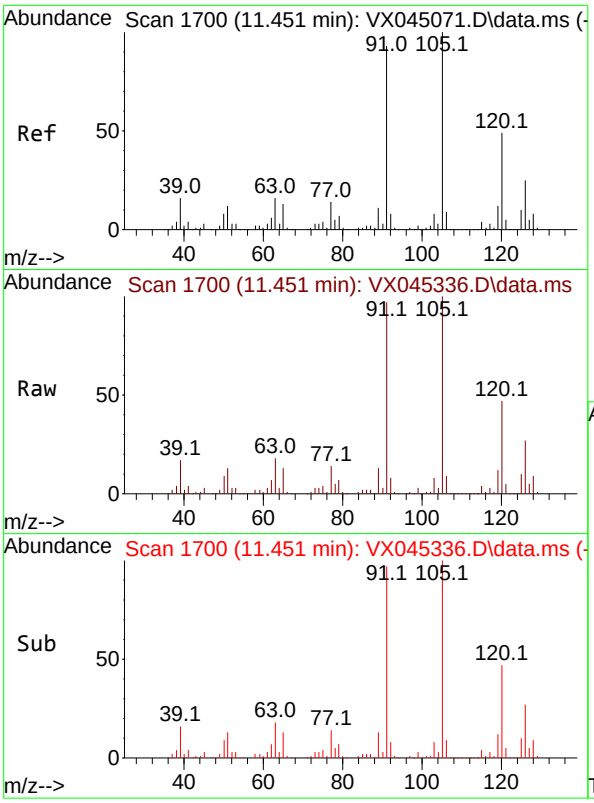


#79
2-Chlorotoluene
Concen: 51.321 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 91 Resp: 177824

Ion	Ratio	Lower	Upper
91	100		
126	31.8	16.4	49.4



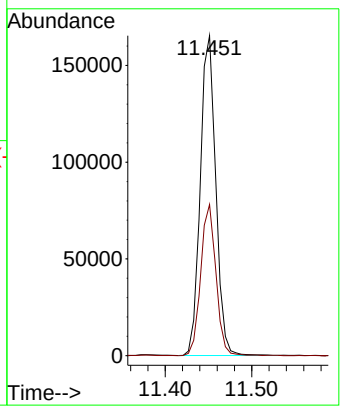


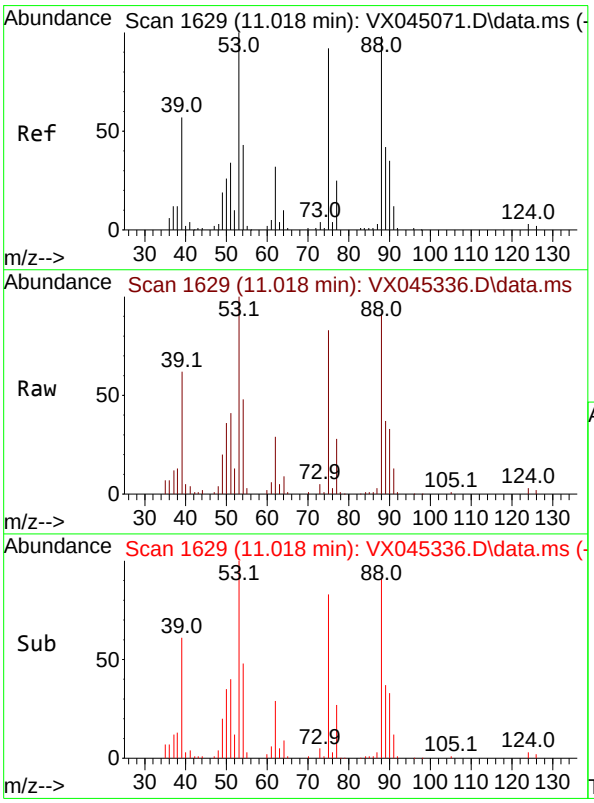
#80
1,3,5-Trimethylbenzene
Concen: 52.722 ug/l
RT: 11.451 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Tgt Ion:105 Resp: 205315

Ion	Ratio	Lower	Upper
105	100		
120	46.6	24.1	72.2

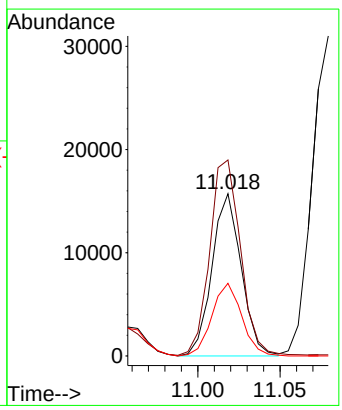


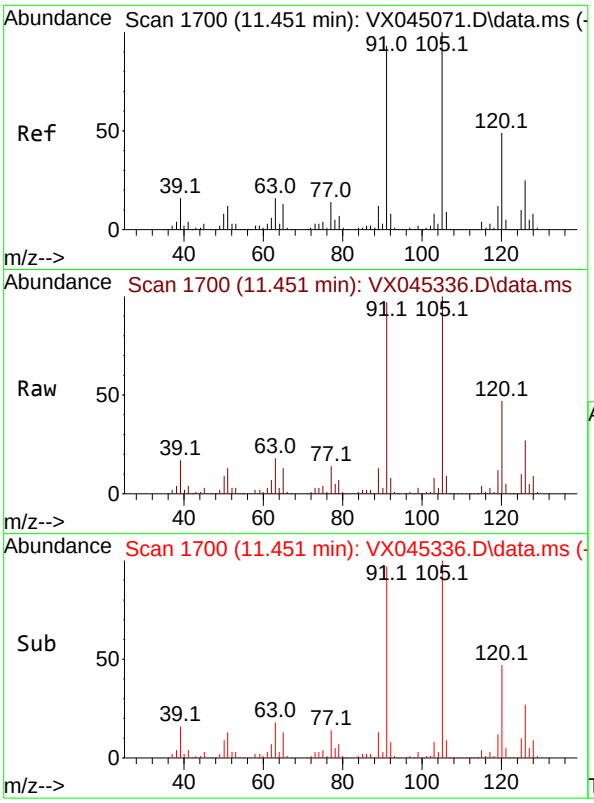


#81
trans-1,4-Dichloro-2-butene
Concen: 46.336 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 75 Resp: 19446

Ion	Ratio	Lower	Upper
75	100		
53	128.3	88.5	132.7
89	45.7	36.2	54.4



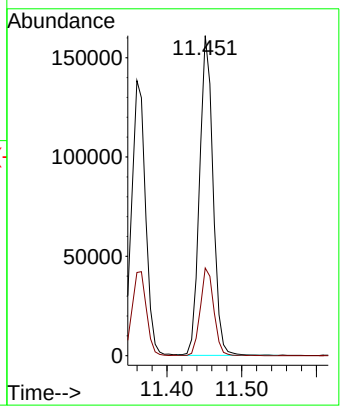


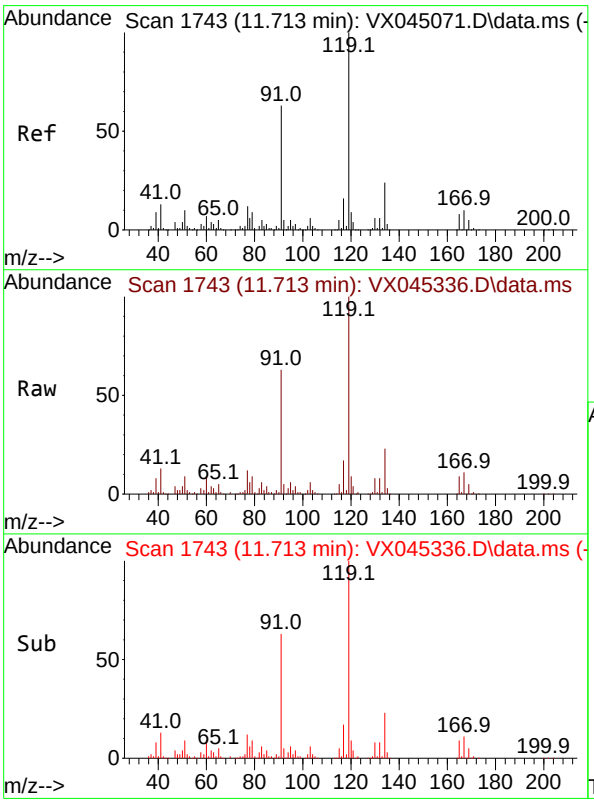
#82
4-Chlorotoluene
Concen: 53.290 ug/l
RT: 11.451 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Tgt Ion: 91 Resp: 201240

Ion	Ratio	Lower	Upper
91	100		
126	27.5	14.1	42.4

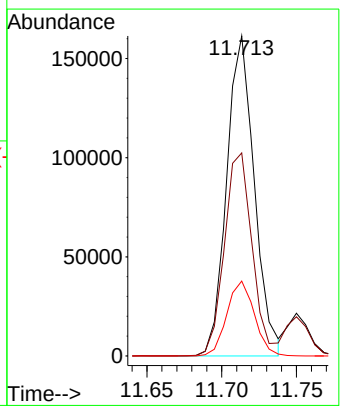


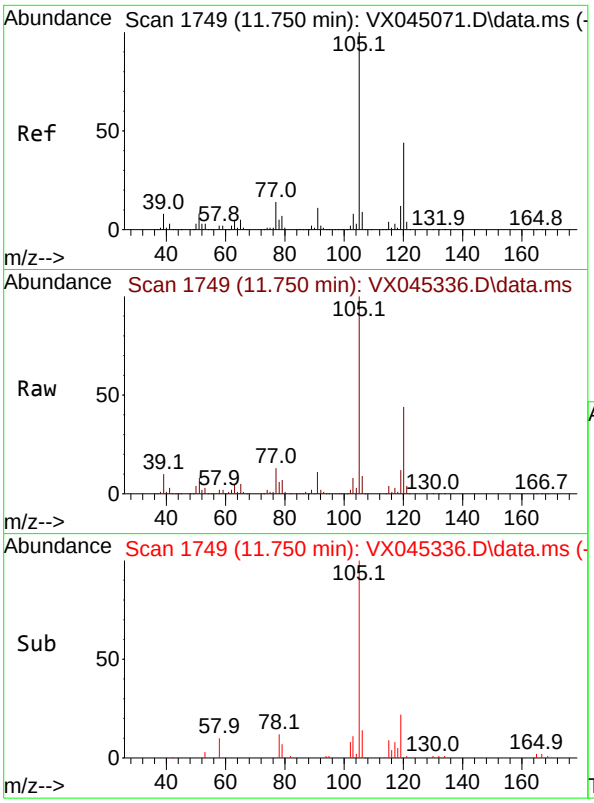


#83
tert-Butylbenzene
Concen: 52.018 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion:119 Resp: 208141

Ion	Ratio	Lower	Upper
119	100		
91	62.9	30.7	92.1
134	23.2	11.7	35.0



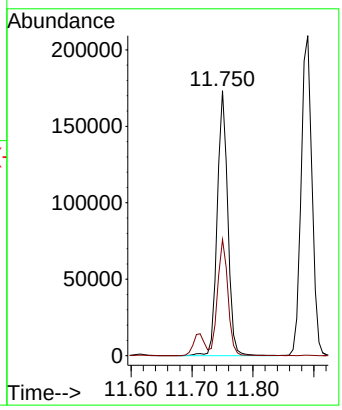


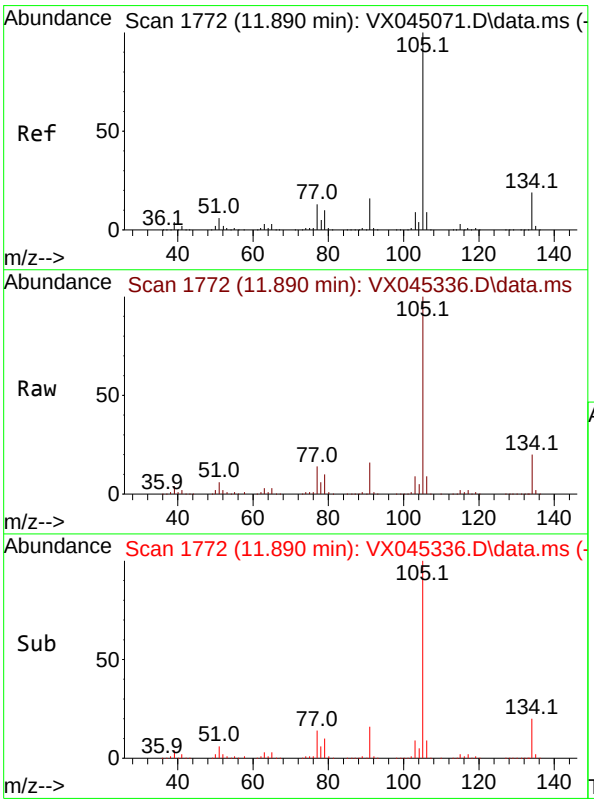
#84
1,2,4-Trimethylbenzene
Concen: 52.888 ug/l
RT: 11.750 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Tgt Ion:105 Resp: 207237

Ion	Ratio	Lower	Upper
105	100		
120	43.2	22.1	66.1

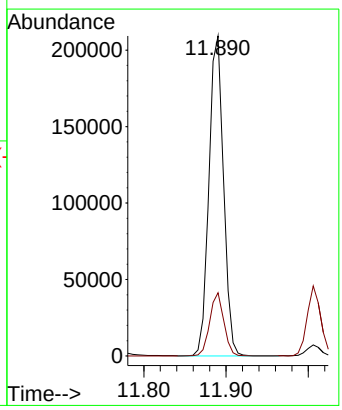


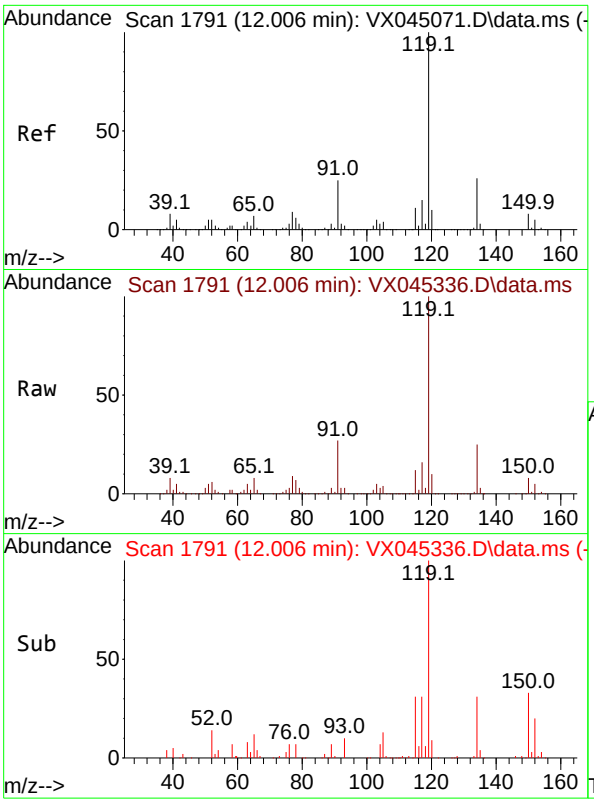


#85
sec-Butylbenzene
Concen: 53.941 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion:105 Resp: 258541

Ion	Ratio	Lower	Upper
105	100		
134	19.1	9.8	29.4



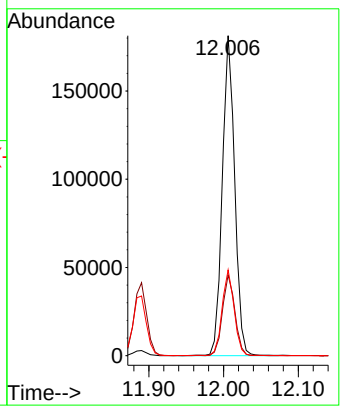


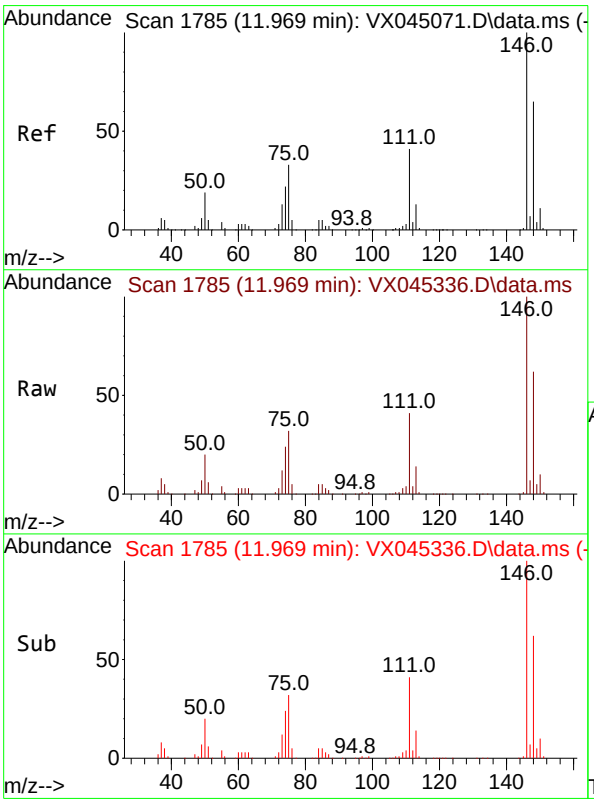
#86
p-Isopropyltoluene
Concen: 53.880 ug/l
RT: 12.006 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Tgt Ion:119 Resp: 208701

Ion	Ratio	Lower	Upper
119	100		
134	25.3	12.9	38.6
91	26.0	12.7	38.0

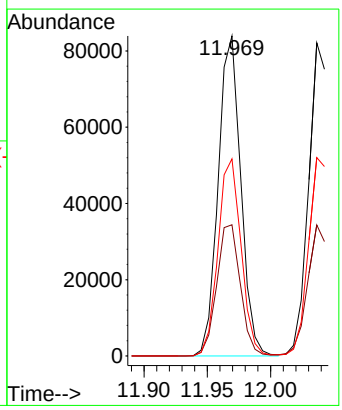


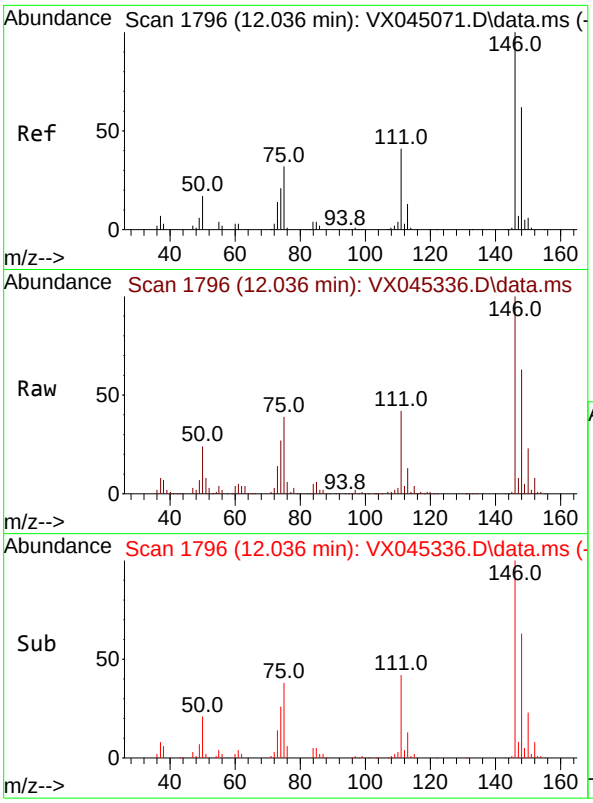


#87
1,3-Dichlorobenzene
Concen: 51.472 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion:146 Resp: 104344

Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.1	63.4
148	62.8	31.9	95.7



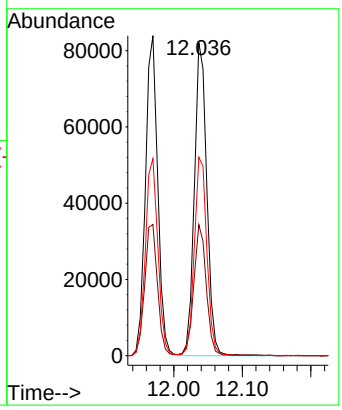


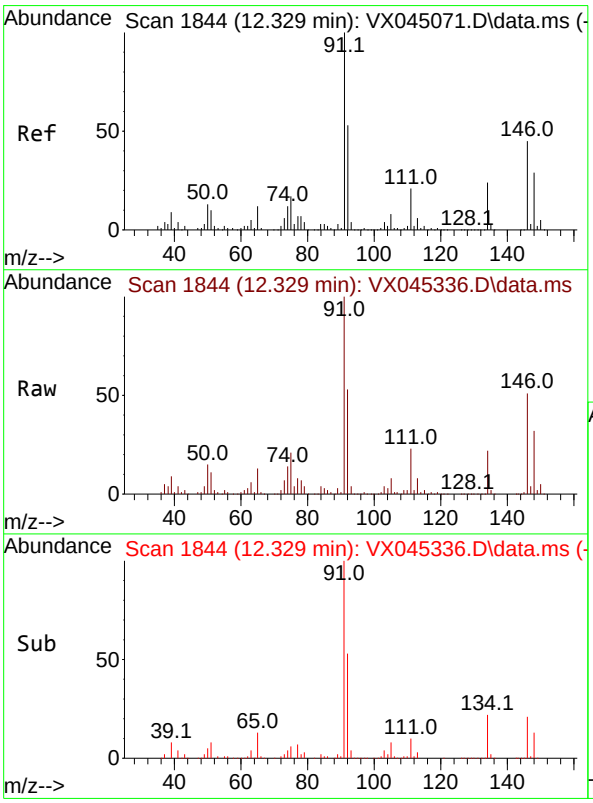
#88
1,4-Dichlorobenzene
Concen: 50.777 ug/l
RT: 12.036 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Tgt Ion:146 Resp: 104140

Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.2	60.5
148	63.6	31.9	95.9

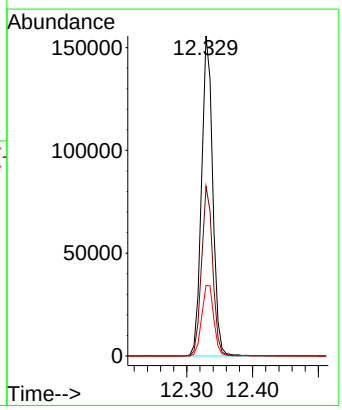


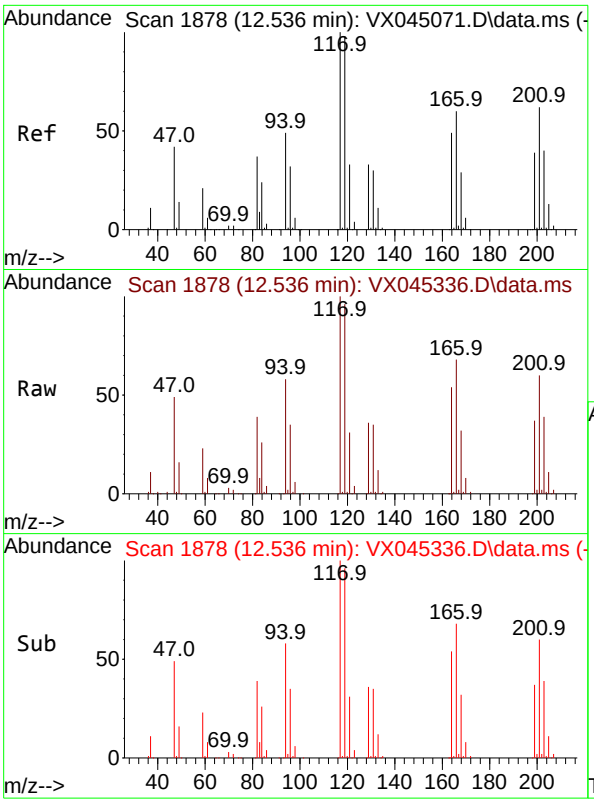


#89
n-Butylbenzene
Concen: 55.189 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion: 91 Resp: 184116

Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.7	80.0
134	23.7	12.2	36.6



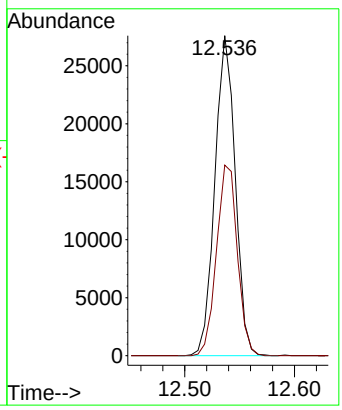


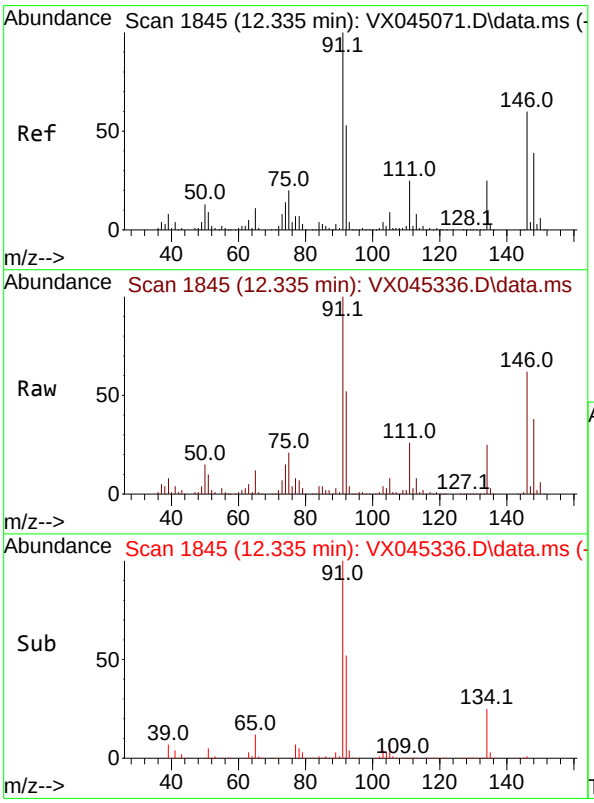
#90
Hexachloroethane
Concen: 50.872 ug/l
RT: 12.536 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Tgt Ion:117 Resp: 35642

Ion	Ratio	Lower	Upper
117	100		
201	61.1	31.9	95.9

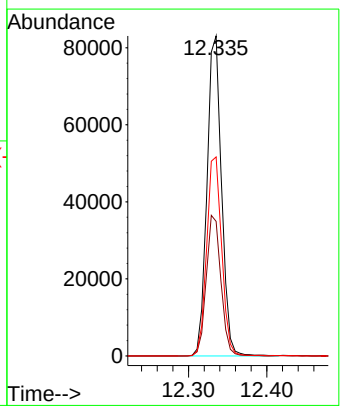


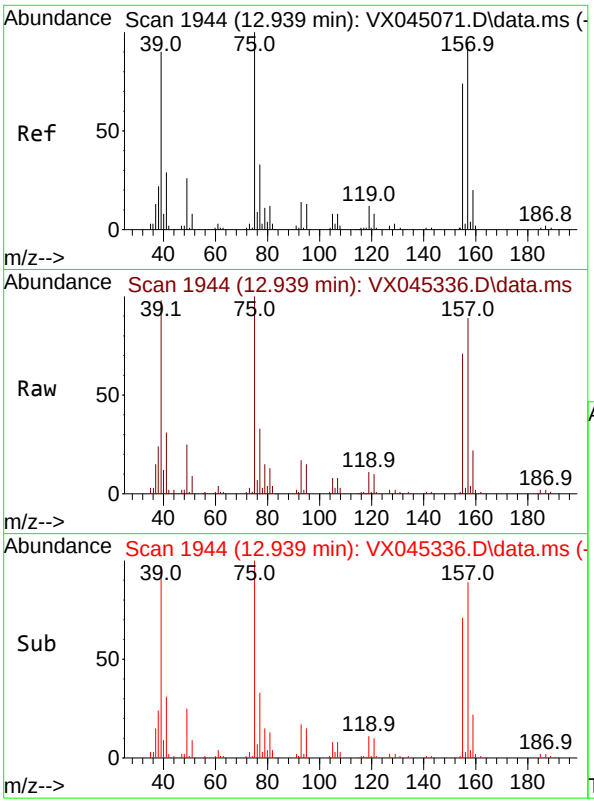


#91
1,2-Dichlorobenzene
Concen: 52.507 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion:146 Resp: 106776

Ion	Ratio	Lower	Upper
146	100		
111	44.3	21.6	65.0
148	64.1	31.9	95.9



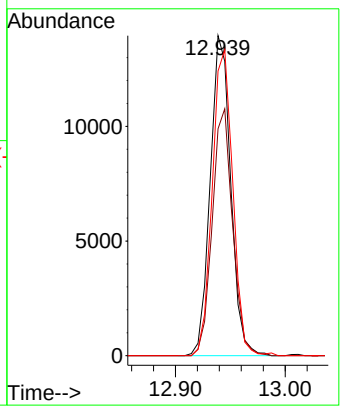


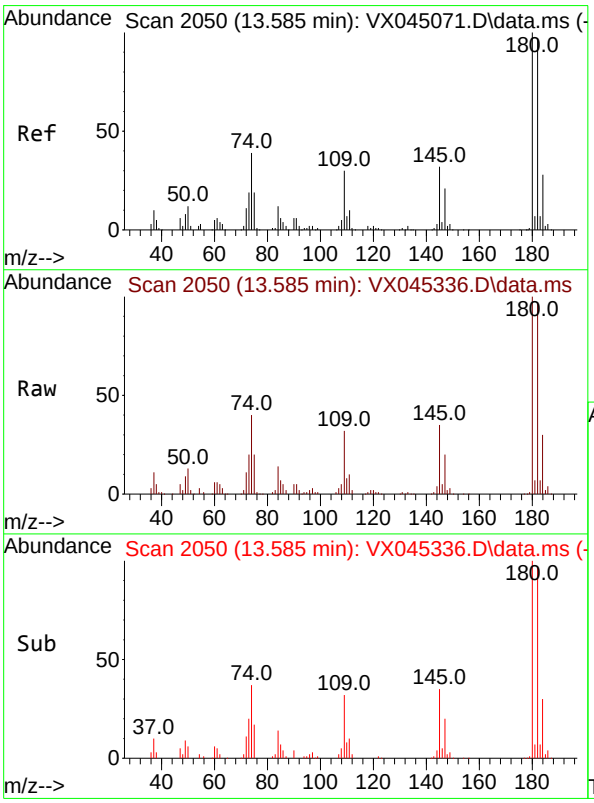
#92
1,2-Dibromo-3-Chloropropane
Concen: 52.628 ug/l
RT: 12.939 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Tgt Ion: 75 Resp: 18121

Ion	Ratio	Lower	Upper
75	100		
155	76.7	39.6	118.7
157	95.8	51.1	153.4

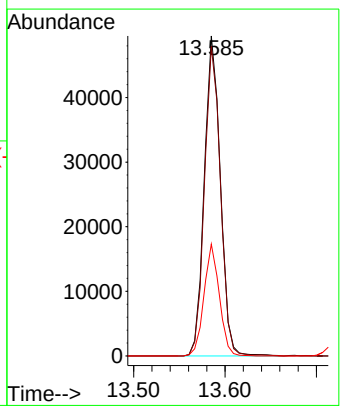


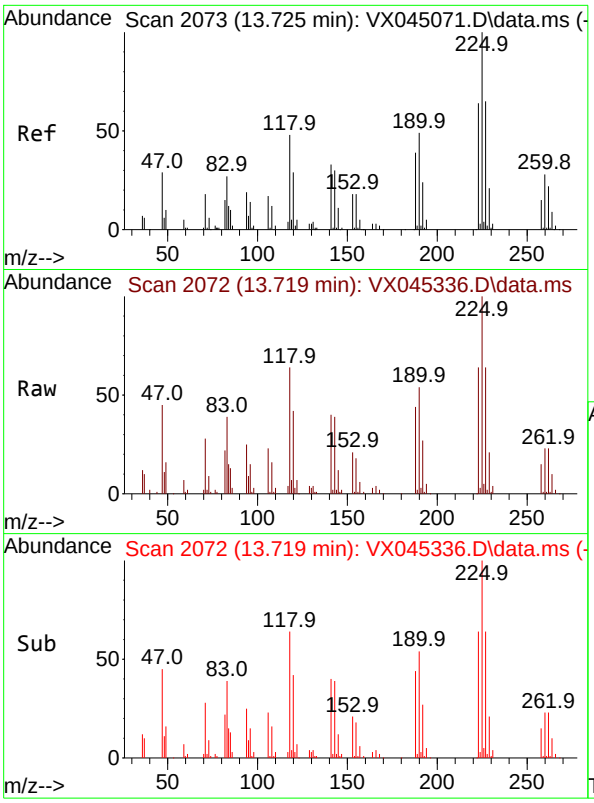


#93
1,2,4-Trichlorobenzene
Concen: 52.051 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion:180 Resp: 60271

Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.3	141.9
145	33.4	16.3	48.9



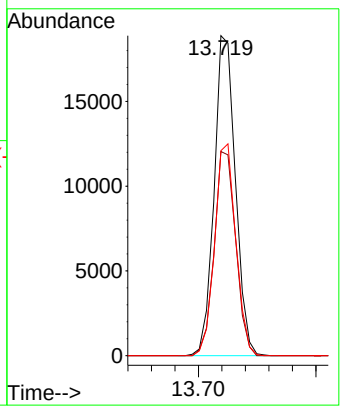


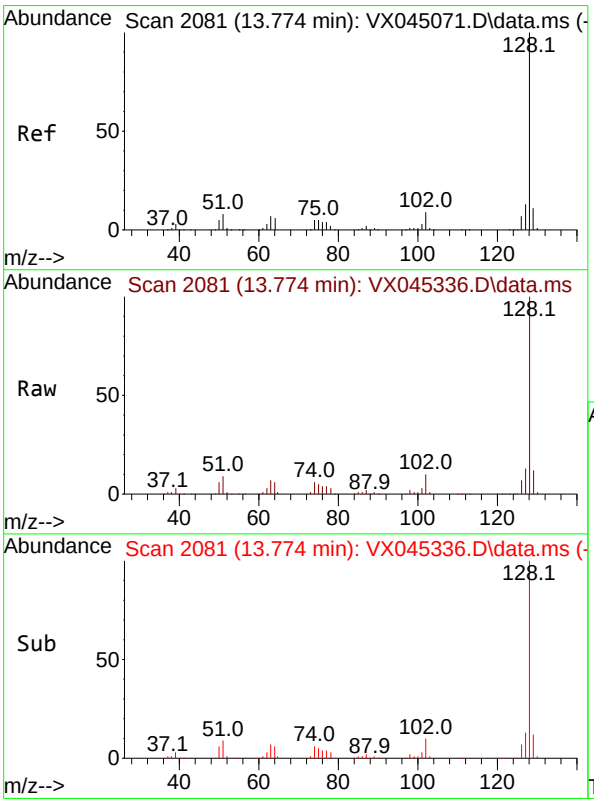
#94
Hexachlorobutadiene
Concen: 49.997 ug/l
RT: 13.719 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Tgt Ion:225 Resp: 23735

Ion	Ratio	Lower	Upper
225	100		
223	64.4	31.9	95.7
227	65.9	31.4	94.0

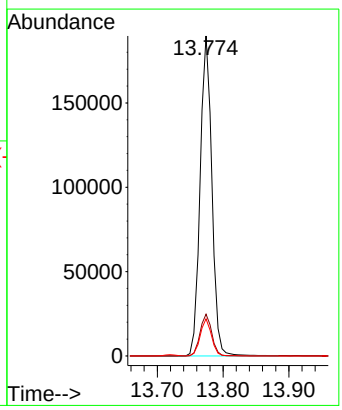


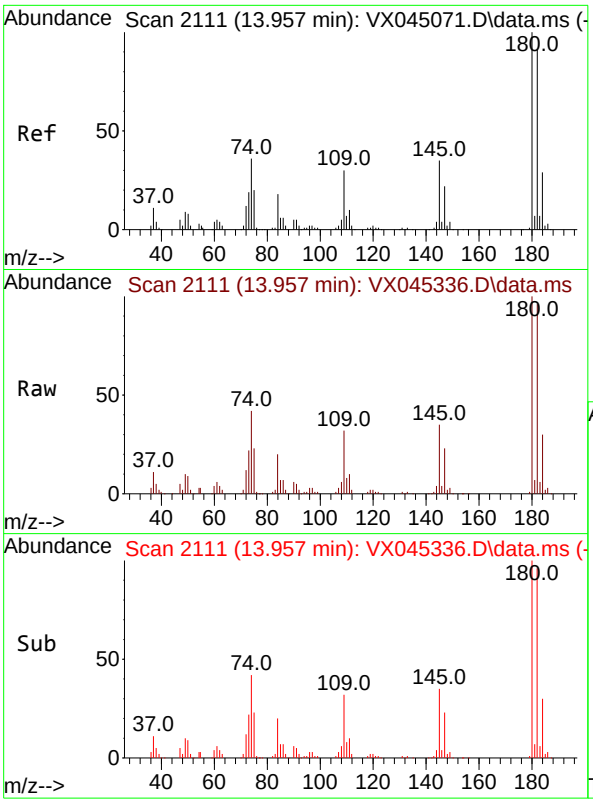


#95
Naphthalene
Concen: 52.868 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Tgt Ion:128 Resp: 235203

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	11.1	8.7	13.1



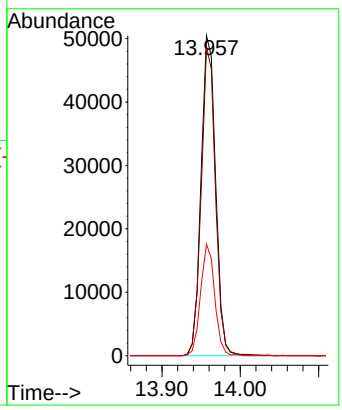


#96
1,2,3-Trichlorobenzene
Concen: 53.329 ug/l
RT: 13.957 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX045336.D
Acq: 18 Mar 2025 19:30

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Tgt Ion:180 Resp: 65144

Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.5	142.6
145	33.8	17.0	50.9



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045337.D
Acq On : 18 Mar 2025 19:53
Operator : JC/MD
Sample : Q1557-05MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

Quant Time: Mar 19 01:51:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	82090	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	149330	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	133072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	61175	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	68106	52.158	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.320%			
35) Dibromofluoromethane	5.385	113	49510	49.583	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.160%			
50) Toluene-d8	8.647	98	175987	48.615	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.220%			
62) 4-Bromofluorobenzene	11.079	95	65049	54.227	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.460%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	51641	49.976	ug/l	98
3) Chloromethane	1.306	50	61294	48.471	ug/l	97
4) Vinyl Chloride	1.374	62	54906	43.768	ug/l	94
5) Bromomethane	1.593	94	24634	49.953	ug/l	100
6) Chloroethane	1.666	64	30223	52.232	ug/l	90
7) Trichlorofluoromethane	1.873	101	83506	50.284	ug/l	98
8) Diethyl Ether	2.130	74	30844	47.485	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.318	101	53242	55.804	ug/l	99
10) Methyl Iodide	2.447	142	65743	55.139	ug/l	96
11) Tert butyl alcohol	2.983	59	57445	232.259	ug/l	98
12) 1,1-Dichloroethene	2.306	96	51335	50.892	ug/l	98
13) Acrolein	2.233	56	72115	252.231	ug/l	99
14) Allyl chloride	2.654	41	96884	53.958	ug/l	96
15) Acrylonitrile	3.062	53	175331	264.499	ug/l	98
16) Acetone	2.386	43	161021	265.784	ug/l	98
17) Carbon Disulfide	2.501	76	111635	41.552	ug/l	99
18) Methyl Acetate	2.703	43	88530	60.744	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	185592	54.840	ug/l	98
20) Methylene Chloride	2.782	84	62308	51.920	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	51485	51.664	ug/l	98
22) Diisopropyl ether	3.763	45	201474	55.172	ug/l	98
23) Vinyl Acetate	3.721	43	741154	243.210	ug/l	100
24) 1,1-Dichloroethane	3.605	63	110642	54.063	ug/l	100
25) 2-Butanone	4.556	43	251080	275.329	ug/l	100
26) 2,2-Dichloropropane	4.471	77	55408	57.721	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	65964	53.621	ug/l	95
28) Bromochloromethane	4.891	49	51390	52.682	ug/l	99
29) Tetrahydrofuran	5.001	42	158936	259.527	ug/l	100
30) Chloroform	5.086	83	112815	55.479	ug/l	100
31) Cyclohexane	5.458	56	91899	51.730	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	92066	56.057	ug/l	98
36) 1,1-Dichloropropene	5.684	75	72442	52.901	ug/l	99
37) Ethyl Acetate	4.714	43	82487	46.747	ug/l	99
38) Carbon Tetrachloride	5.672	117	75879	54.579	ug/l	96
39) Methylcyclohexane	7.372	83	88435	53.896	ug/l	97
40) Benzene	6.031	78	226668	52.418	ug/l	99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045337.D
Acq On : 18 Mar 2025 19:53
Operator : JC/MD
Sample : Q1557-05MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

Quant Time: Mar 19 01:51:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.916	41	55910	58.599	ug/l		98
42) 1,2-Dichloroethane	6.080	62	89507	57.481	ug/l		98
43) Isopropyl Acetate	6.342	43	136780	52.421	ug/l		100
44) Trichloroethene	7.122	130	52769	51.971	ug/l		100
45) 1,2-Dichloropropane	7.427	63	58104	52.261	ug/l		96
46) Dibromomethane	7.574	93	44118	56.142	ug/l		97
47) Bromodichloromethane	7.817	83	87240	56.598	ug/l		98
48) Methyl methacrylate	7.689	41	75237	57.475	ug/l		95
49) 1,4-Dioxane	7.659	88	28589	1035.355	ug/l		95
51) 4-Methyl-2-Pentanone	8.573	43	511560	291.992	ug/l		99
52) Toluene	8.714	92	139292	54.902	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	71703	55.644	ug/l		98
54) cis-1,3-Dichloropropene	8.360	75	82711	55.044	ug/l		92
55) 1,1,2-Trichloroethane	9.147	97	58031	55.561	ug/l		99
56) Ethyl methacrylate	9.116	69	94223	59.348	ug/l		95
57) 1,3-Dichloropropane	9.305	76	99400	54.993	ug/l		98
59) 2-Hexanone	9.427	43	379792	299.196	ug/l		98
60) Dibromochloromethane	9.518	129	62615	57.336	ug/l		99
61) 1,2-Dibromoethane	9.610	107	57882	55.513	ug/l		100
64) Tetrachloroethene	9.268	164	43215	50.706	ug/l		98
65) Chlorobenzene	10.079	112	151190	53.694	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.159	131	50801	54.175	ug/l		97
67) Ethyl Benzene	10.189	91	269251	54.878	ug/l		98
68) m/p-Xylenes	10.299	106	195714	108.967	ug/l		96
69) o-Xylene	10.640	106	98268	54.248	ug/l		98
70) Styrene	10.652	104	168327	57.429	ug/l		98
71) Bromoform	10.799	173	39843	56.346	ug/l	#	98
73) Isopropylbenzene	10.957	105	258465	54.130	ug/l		99
74) N-amyl acetate	10.841	43	115398	51.505	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.207	83	93136	53.154	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	95050	66.755	ug/l		84
77) Bromobenzene	11.195	156	59686	52.979	ug/l		95
78) n-propylbenzene	11.299	91	304493	56.452	ug/l		98
79) 2-Chlorotoluene	11.360	91	185955	54.133	ug/l		98
80) 1,3,5-Trimethylbenzene	11.451	105	214628	55.591	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.018	75	20554	49.401	ug/l		89
82) 4-Chlorotoluene	11.451	91	210296	56.171	ug/l		99
83) tert-Butylbenzene	11.713	119	219782	55.404	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	219375	56.470	ug/l		98
85) sec-Butylbenzene	11.890	105	273035	57.458	ug/l		99
86) p-Isopropyltoluene	12.006	119	220610	57.448	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	108987	54.228	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	107910	53.071	ug/l		99
89) n-Butylbenzene	12.329	91	195767	59.190	ug/l		99
90) Hexachloroethane	12.536	117	38017	54.732	ug/l		96
91) 1,2-Dichlorobenzene	12.335	146	109371	54.249	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	19112	55.988	ug/l		94
93) 1,2,4-Trichlorobenzene	13.585	180	63523	55.334	ug/l		100
94) Hexachlorobutadiene	13.725	225	25805	54.828	ug/l		99
95) Naphthalene	13.774	128	244582	55.453	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	65428	54.025	ug/l		98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045337.D
Acq On : 18 Mar 2025 19:53
Operator : JC/MD
Sample : Q1557-05MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

Quant Time: Mar 19 01:51:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

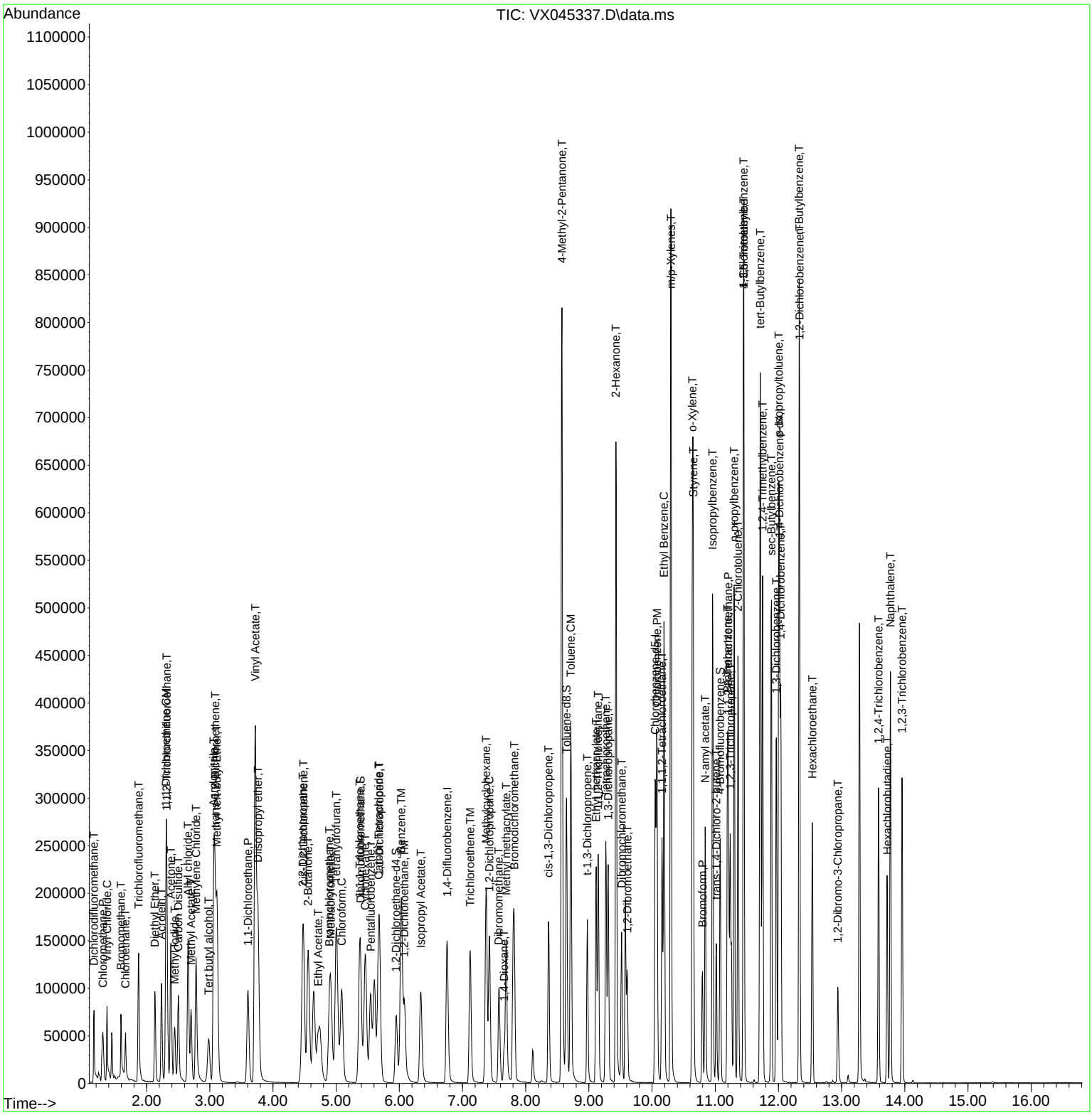
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

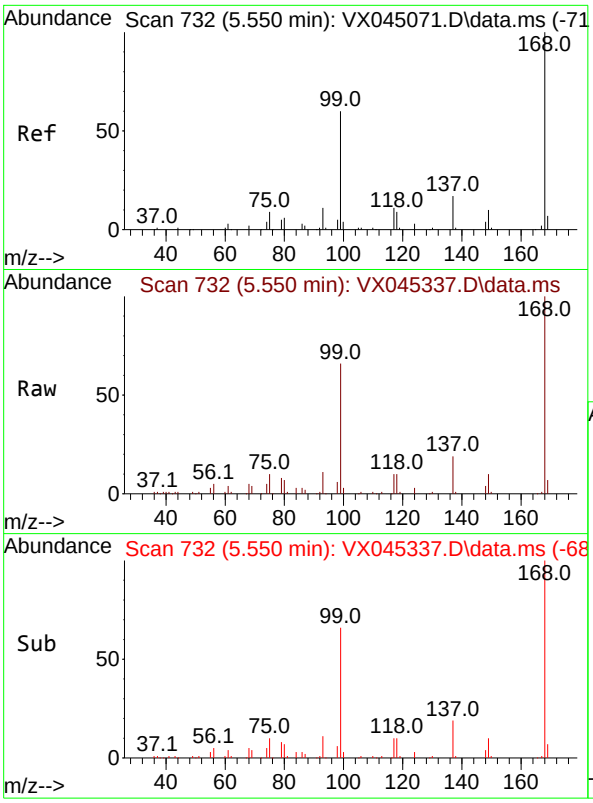
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045337.D
Acq On : 18 Mar 2025 19:53
Operator : JC/MD
Sample : Q1557-05MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

Quant Time: Mar 19 01:51:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration



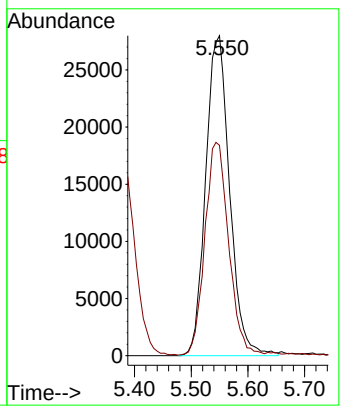


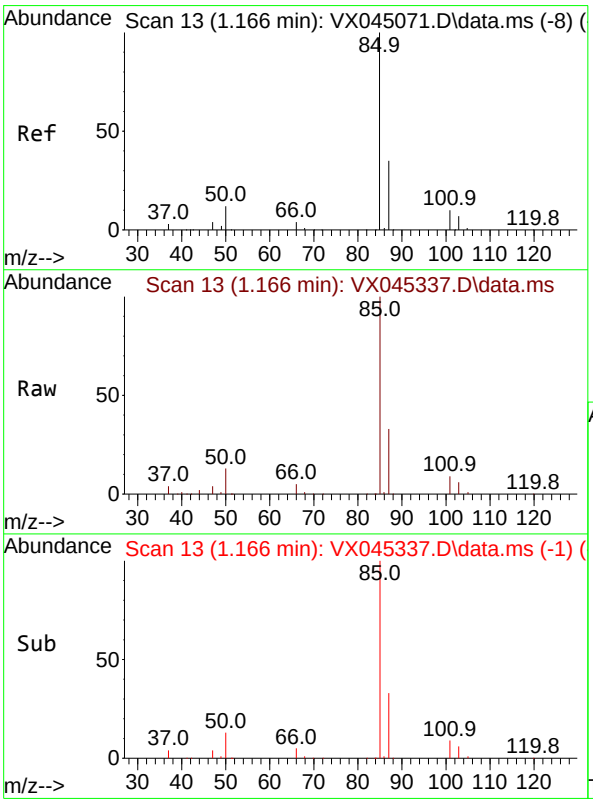
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

Tgt Ion:168 Resp: 82090

Ion	Ratio	Lower	Upper
168	100		
99	65.5	48.2	72.4

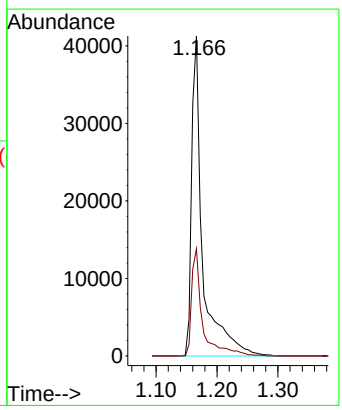


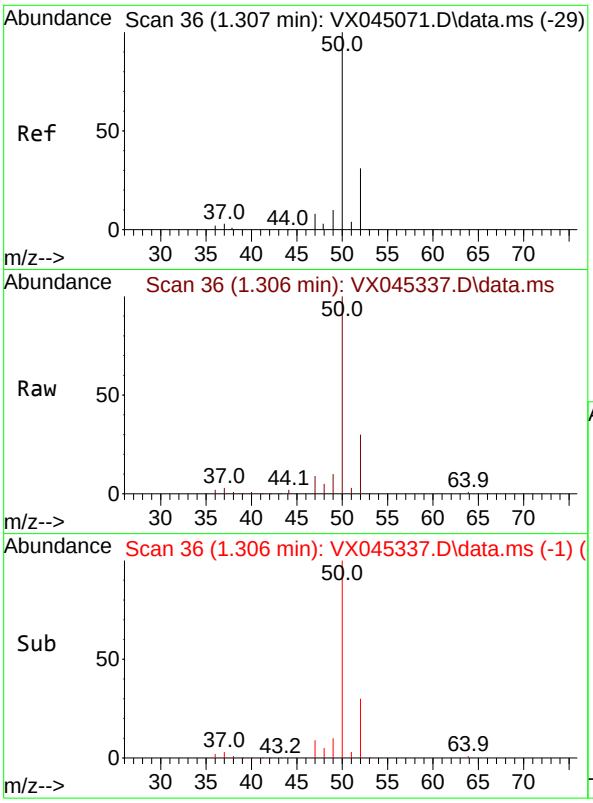


#2
Dichlorodifluoromethane
Concen: 49.976 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 85 Resp: 51641

Ion	Ratio	Lower	Upper
85	100		
87	33.5	17.4	52.3



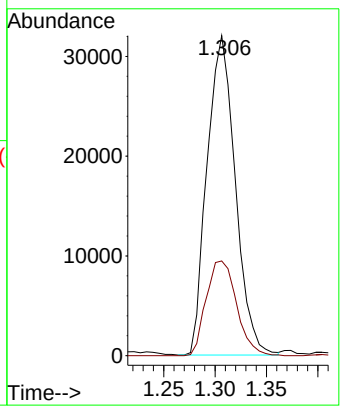


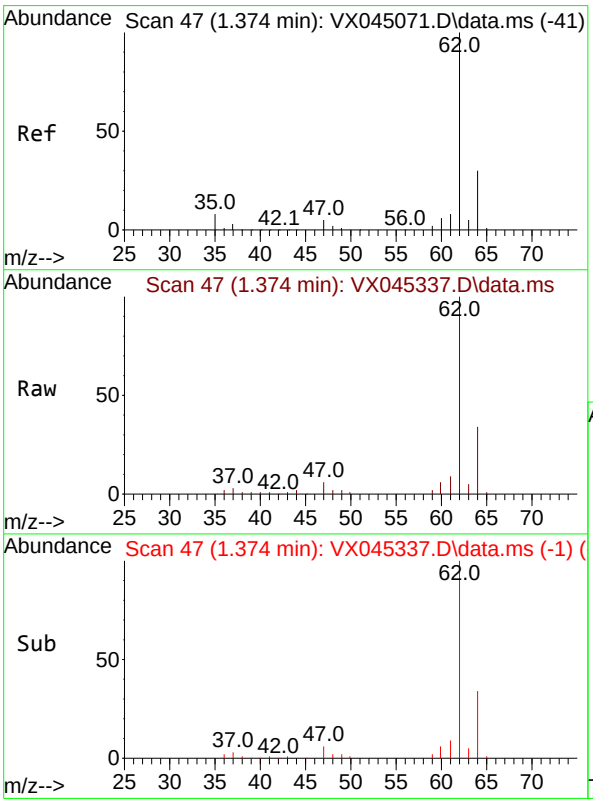
#3
Chloromethane
Concen: 48.471 ug/l
RT: 1.306 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

Tgt Ion: 50 Resp: 61294

Ion	Ratio	Lower	Upper
50	100		
52	29.7	25.0	37.4

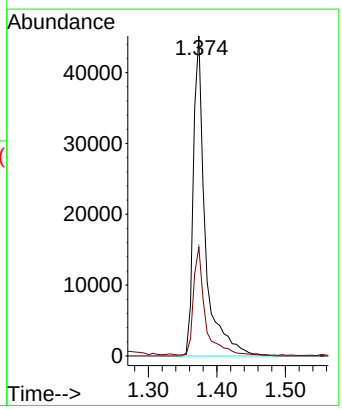


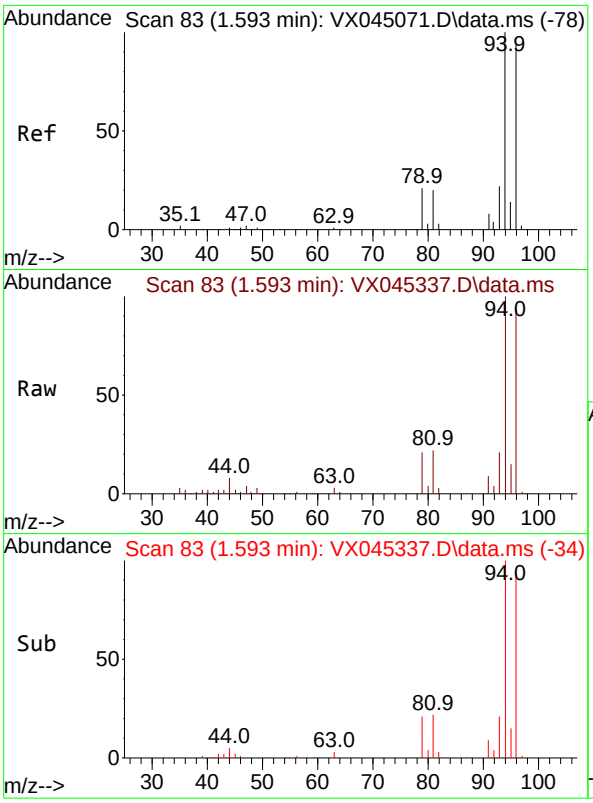


#4
Vinyl Chloride
Concen: 43.768 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 62 Resp: 54906

Ion	Ratio	Lower	Upper
62	100		
64	33.9	24.3	36.5



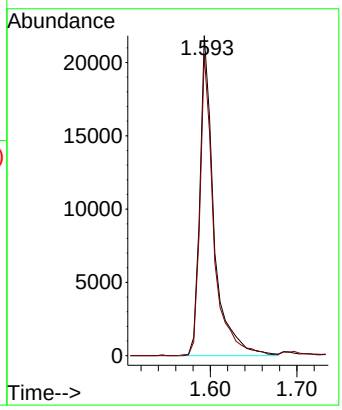


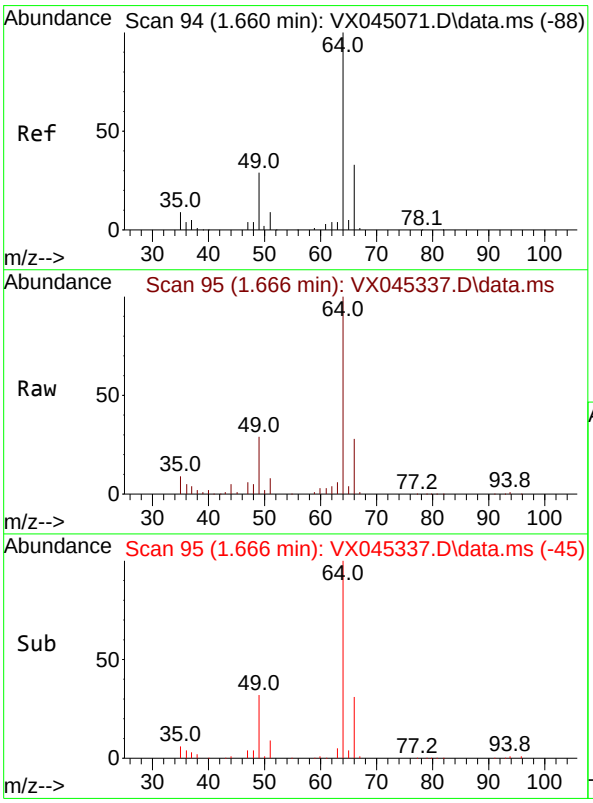
#5
Bromomethane
Concen: 49.953 ug/l
RT: 1.593 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

Tgt Ion: 94 Resp: 24634

Ion	Ratio	Lower	Upper
94	100		
96	94.0	75.0	112.4

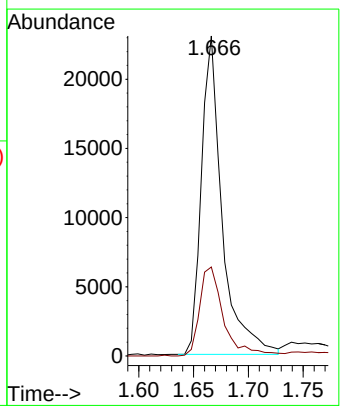


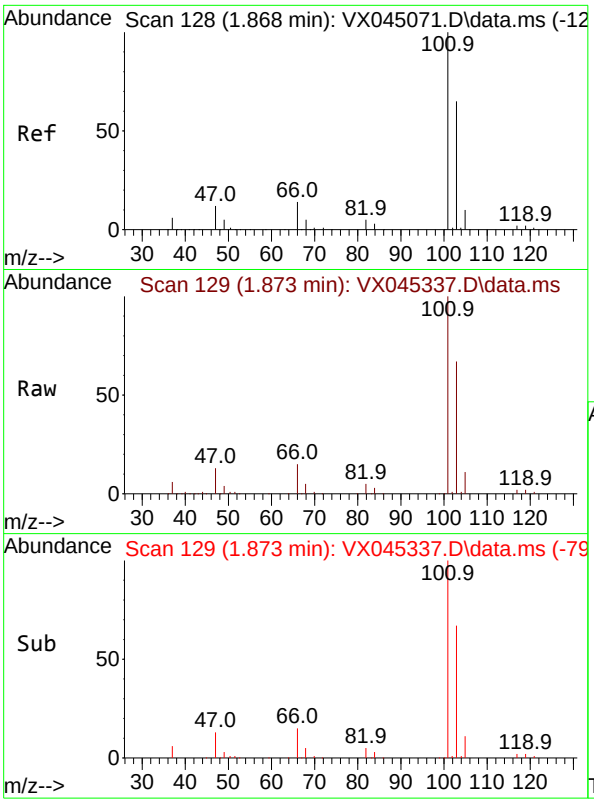


#6
Chloroethane
Concen: 52.232 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 64 Resp: 30223

Ion	Ratio	Lower	Upper
64	100		
66	27.9	26.7	40.1



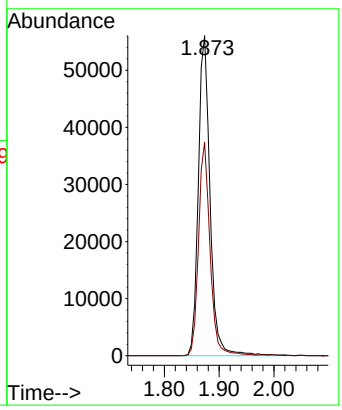


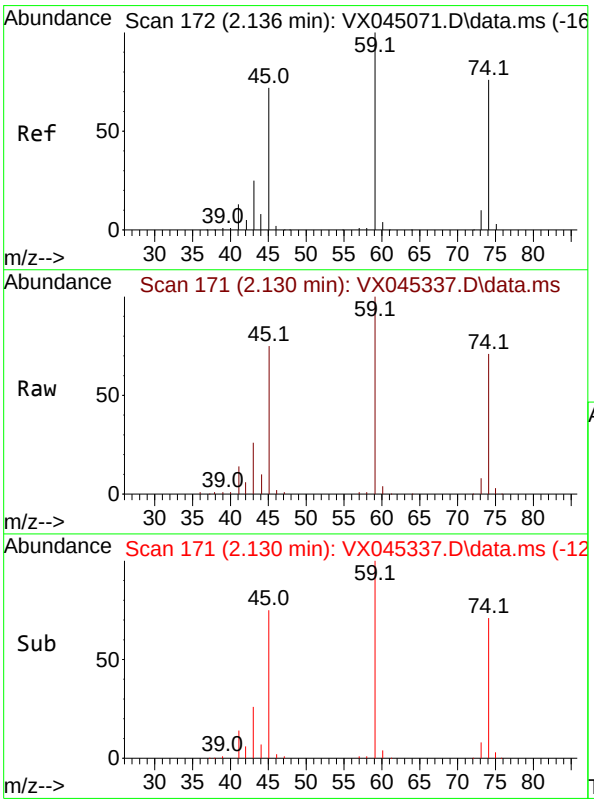
#7
Trichlorofluoromethane
Concen: 50.284 ug/l
RT: 1.873 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

Tgt Ion:101 Resp: 83506

Ion	Ratio	Lower	Upper
101	100		
103	66.7	52.1	78.1

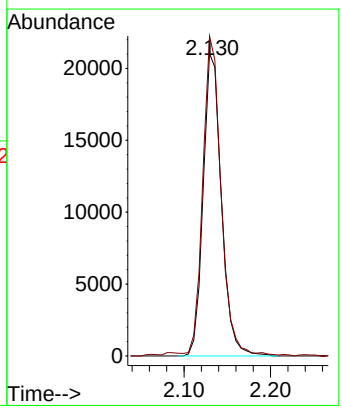


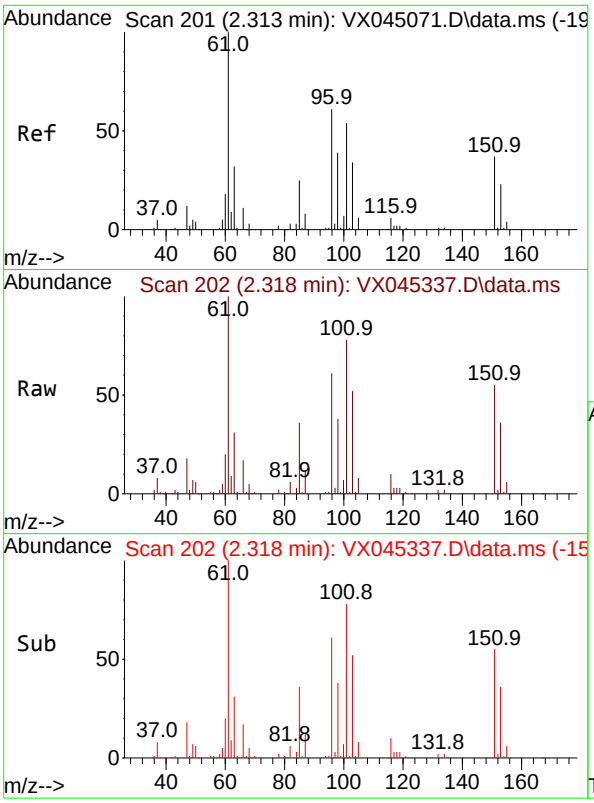


#8
Diethyl Ether
Concen: 47.485 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 74 Resp: 30844

Ion	Ratio	Lower	Upper
74	100		
45	106.0	51.5	154.5



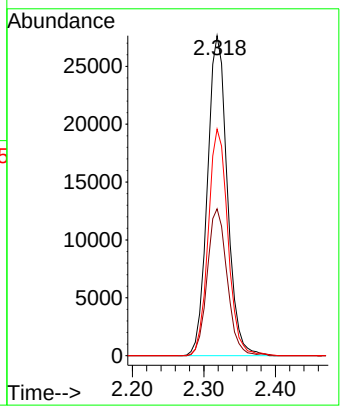


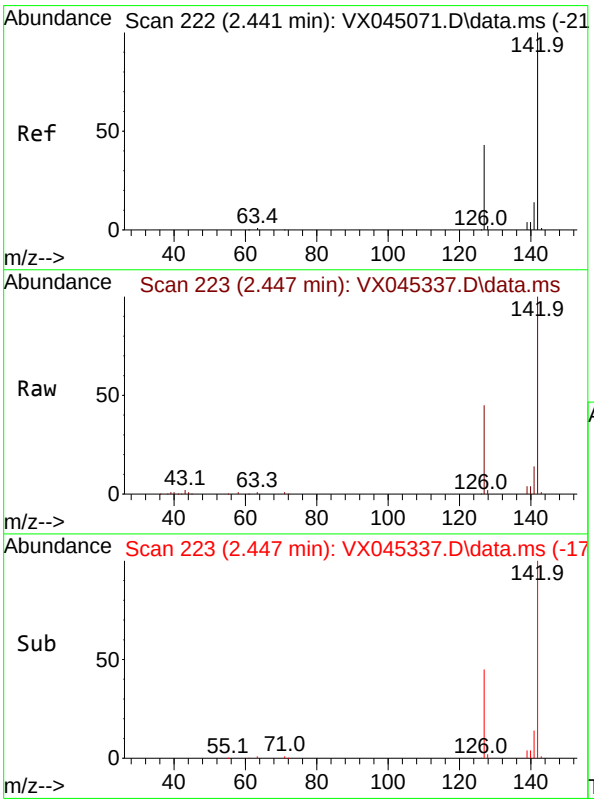
#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.804 ug/l
RT: 2.318 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

Tgt Ion:101 Resp: 53242

Ion	Ratio	Lower	Upper
101	100		
85	46.1	36.2	54.4
151	70.3	56.4	84.6

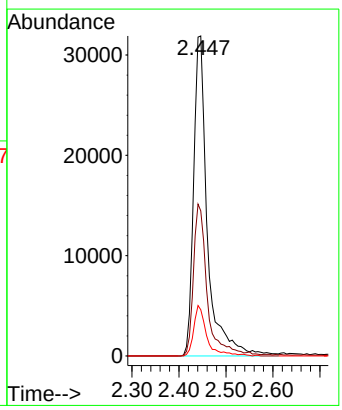


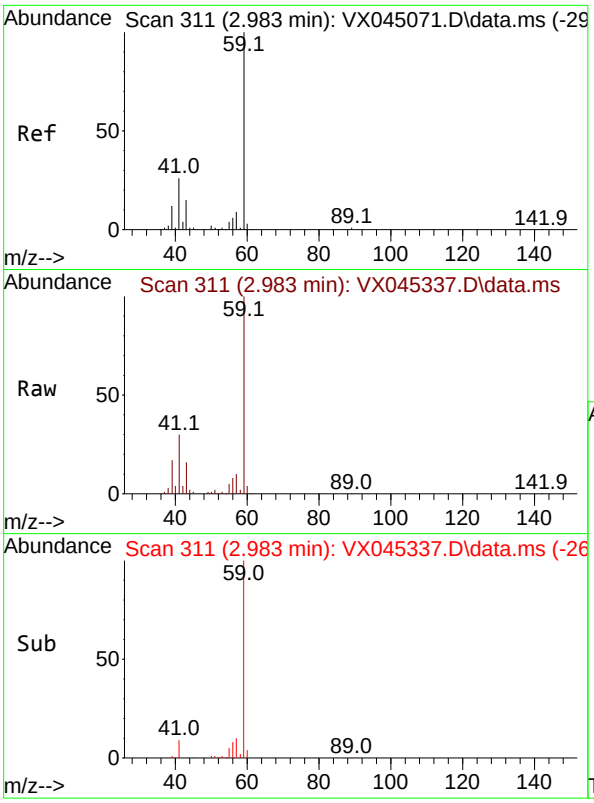


#10
Methyl Iodide
Concen: 55.139 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion:142 Resp: 65743

Ion	Ratio	Lower	Upper
142	100		
127	47.4	35.4	53.2
141	14.8	11.6	17.4



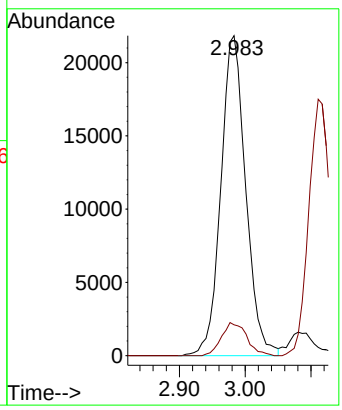


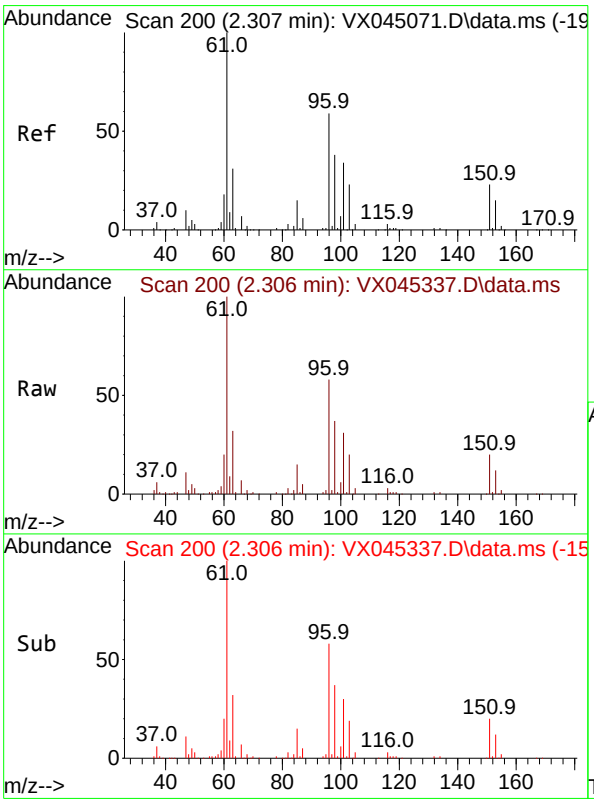
#11
Tert butyl alcohol
Concen: 232.259 ug/l
RT: 2.983 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

Tgt Ion: 59 Resp: 57445

Ion	Ratio	Lower	Upper
59	100		
57	10.6	7.8	11.8

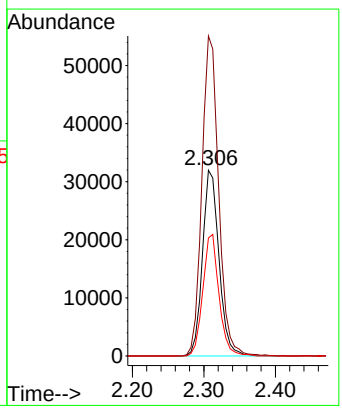


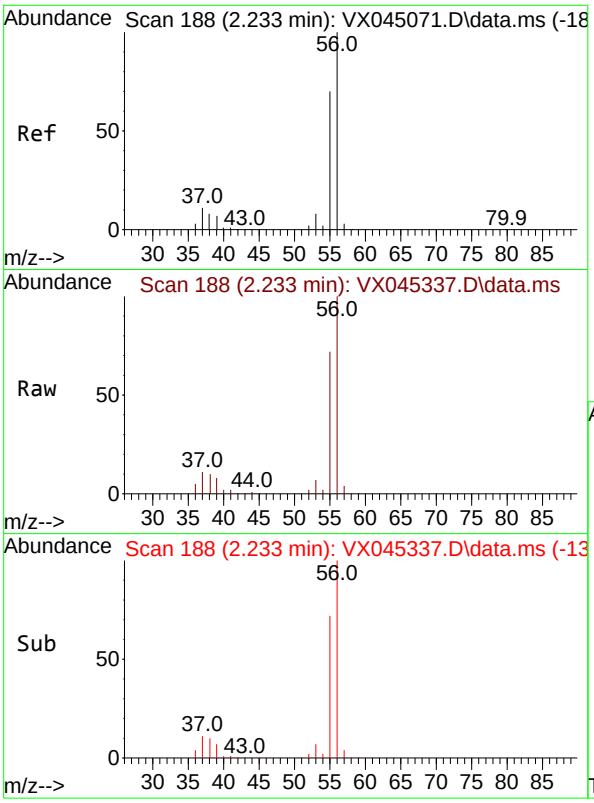


#12
1,1-Dichloroethene
Concen: 50.892 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 96 Resp: 51335

Ion	Ratio	Lower	Upper
96	100		
61	172.2	134.6	202.0
98	63.4	51.0	76.6



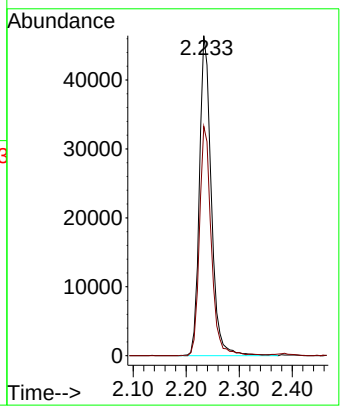


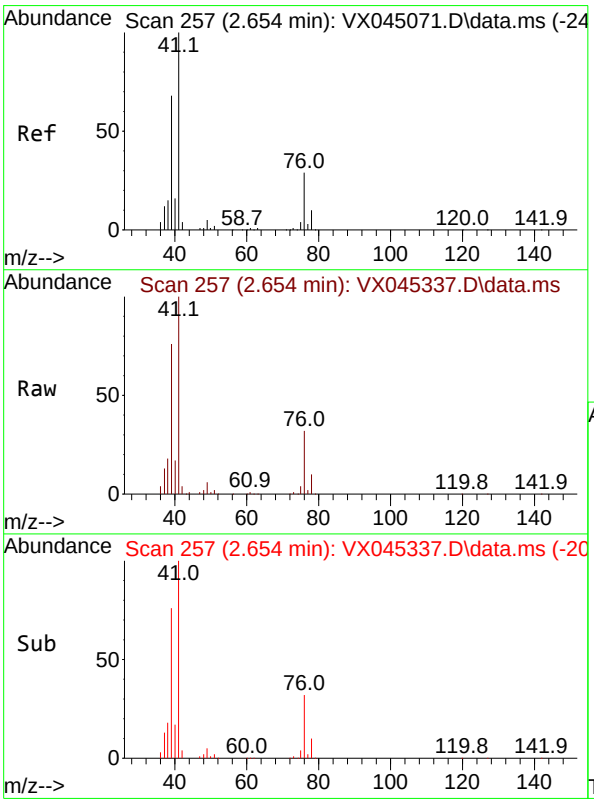
#13
Acrolein
Concen: 252.231 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

Tgt Ion: 56 Resp: 72115

Ion	Ratio	Lower	Upper
56	100		
55	71.4	56.2	84.4

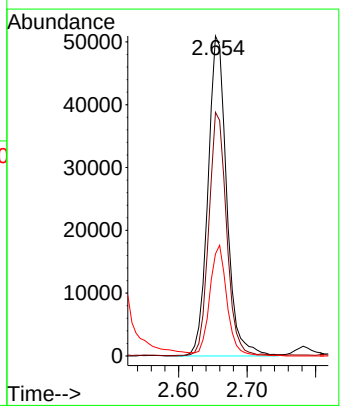


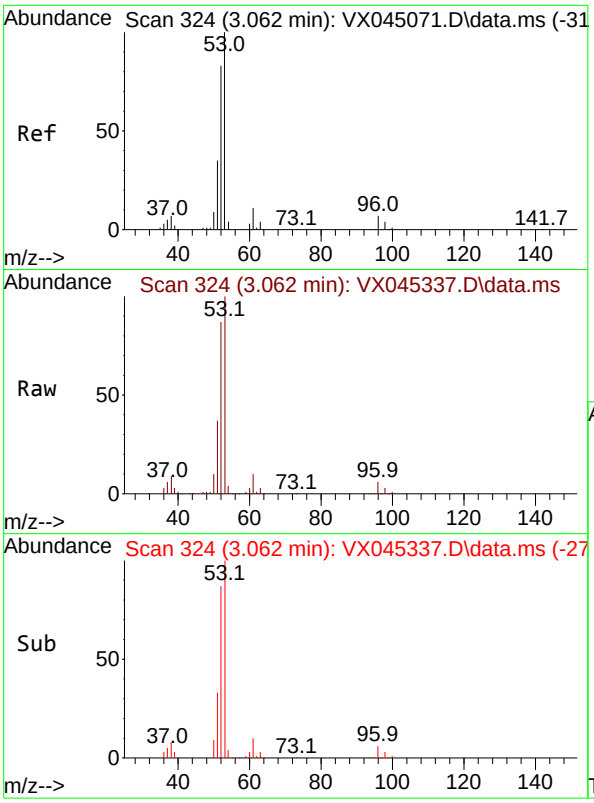


#14
Allyl chloride
Concen: 53.958 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 41 Resp: 96884

Ion	Ratio	Lower	Upper
41	100		
39	71.8	53.8	80.8
76	31.8	25.2	37.8



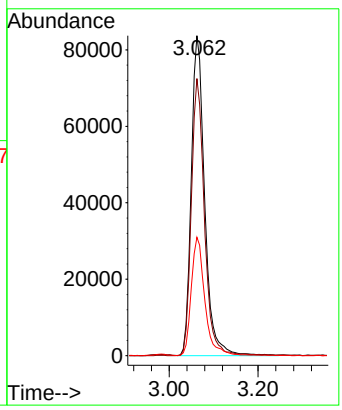


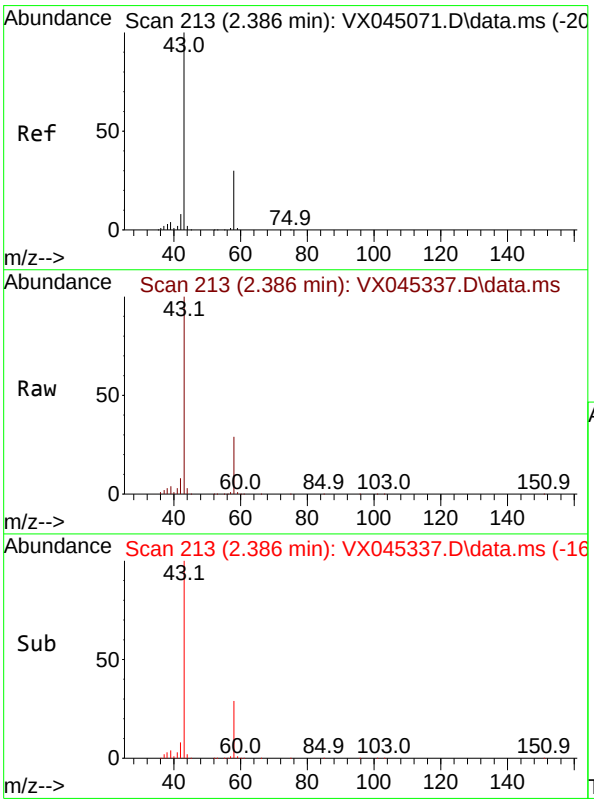
#15
Acrylonitrile
Concen: 264.499 ug/l
RT: 3.062 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

Tgt Ion: 53 Resp: 175331

Ion	Ratio	Lower	Upper
53	100		
52	84.5	66.2	99.2
51	37.4	29.0	43.4

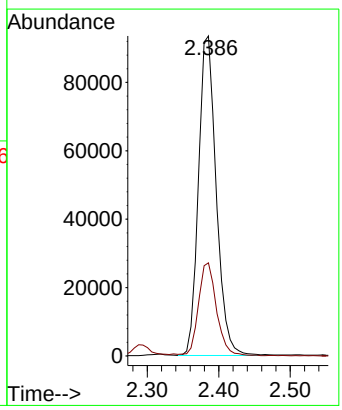


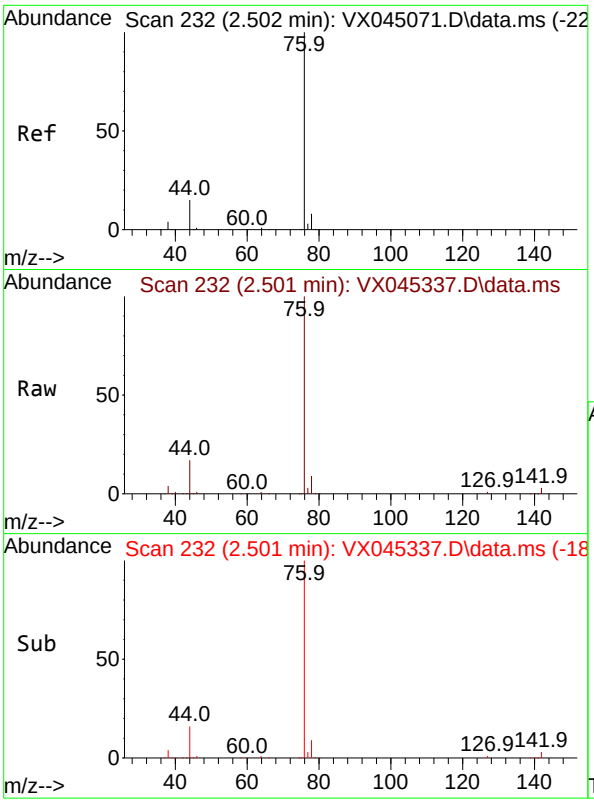


#16
Acetone
Concen: 265.784 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 43 Resp: 161021

Ion	Ratio	Lower	Upper
43	100		
58	29.0	24.2	36.4



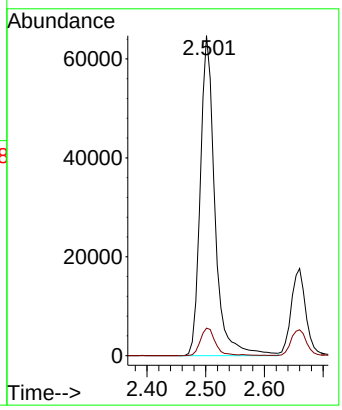


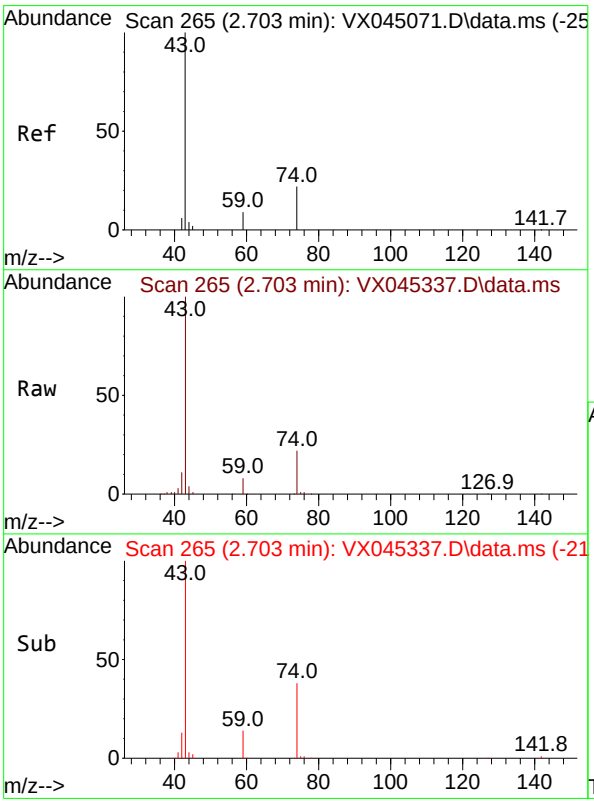
#17
Carbon Disulfide
Concen: 41.552 ug/l
RT: 2.501 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

Tgt Ion: 76 Resp: 111635

Ion	Ratio	Lower	Upper
76	100		
78	8.6	6.6	9.8

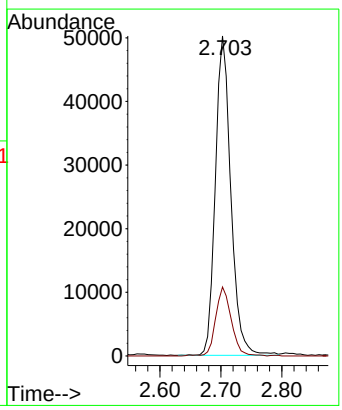


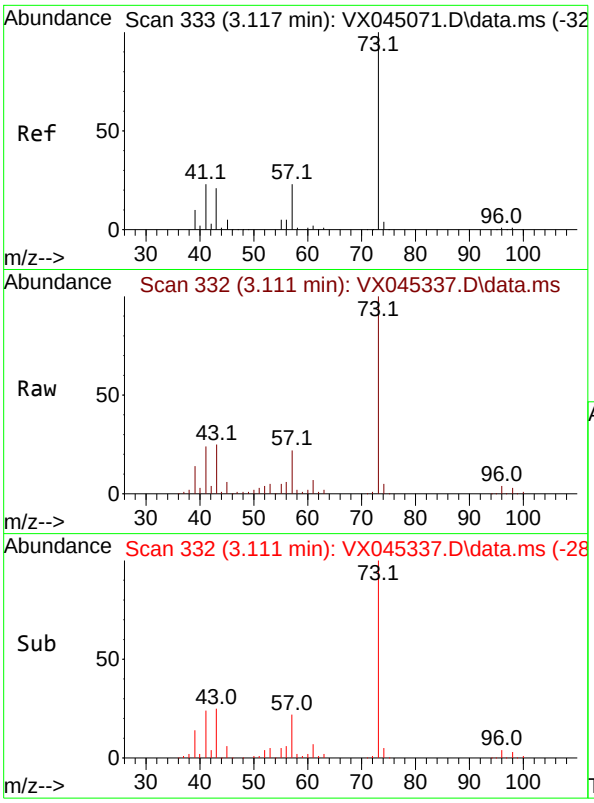


#18
Methyl Acetate
Concen: 60.744 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 43 Resp: 88530

Ion	Ratio	Lower	Upper
43	100		
74	21.8	17.4	26.2



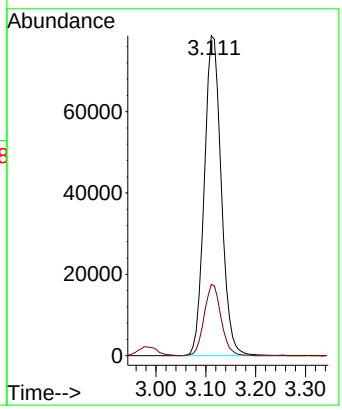


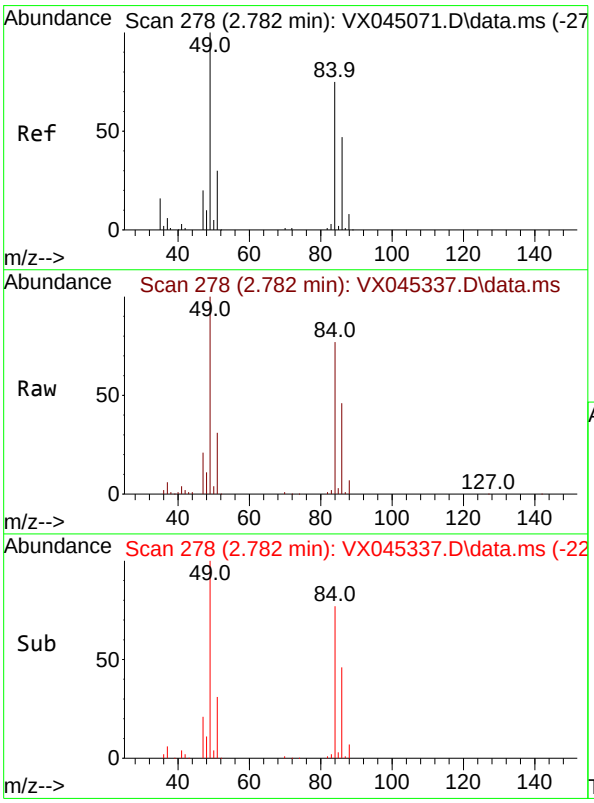
#19
Methyl tert-butyl Ether
Concen: 54.840 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

Tgt Ion: 73 Resp: 185592

Ion	Ratio	Lower	Upper
73	100		
57	22.2	18.5	27.7

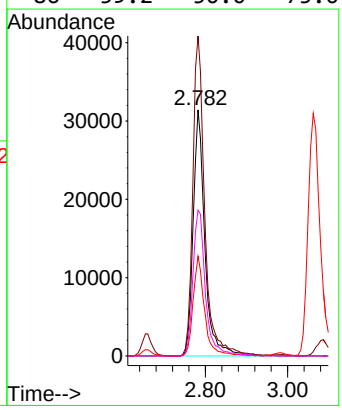


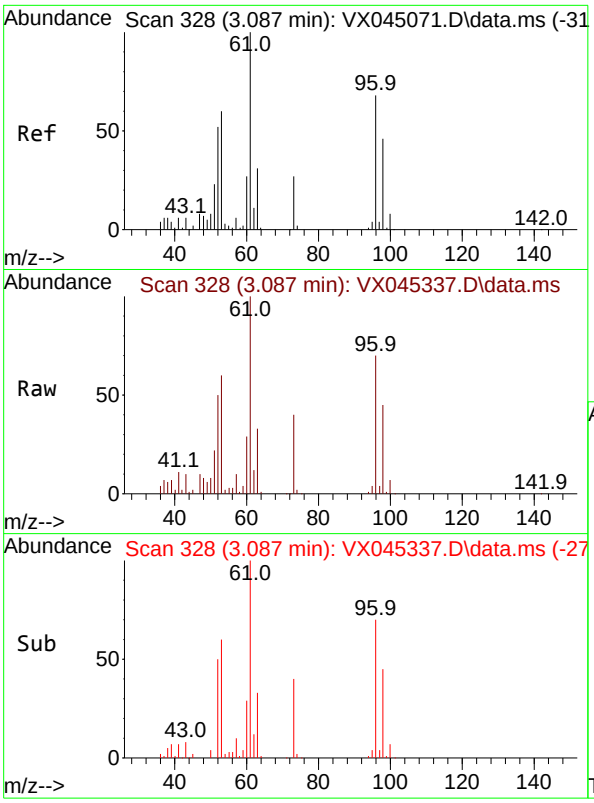


#20
Methylene Chloride
Concen: 51.920 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 84 Resp: 62308

Ion	Ratio	Lower	Upper
84	100		
49	130.0	106.5	159.7
51	40.5	32.1	48.1
86	59.2	50.0	75.0



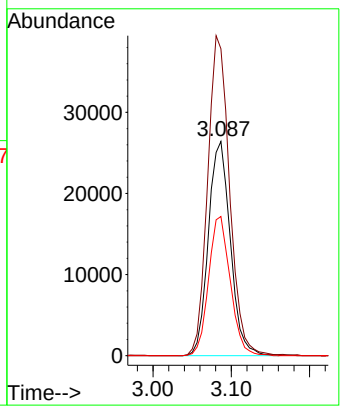


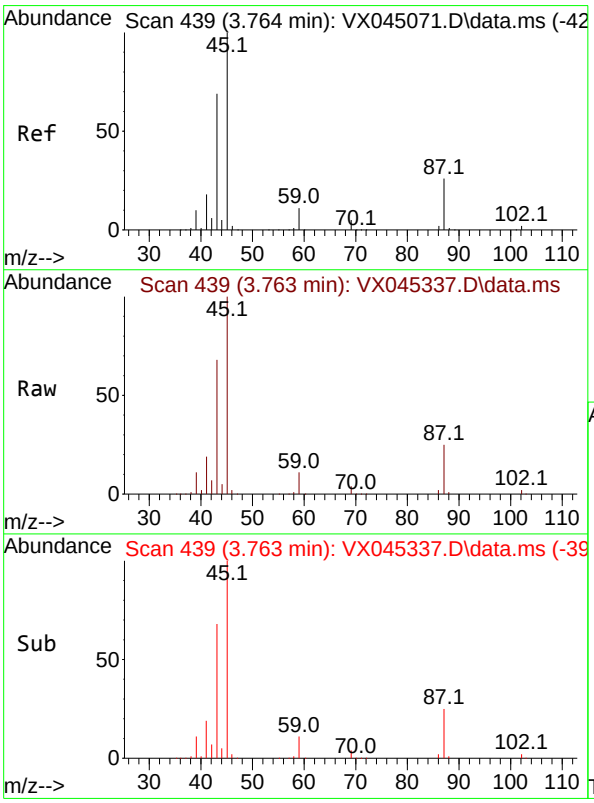
#21
trans-1,2-Dichloroethene
Concen: 51.664 ug/l
RT: 3.087 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

Tgt Ion: 96 Resp: 51485

Ion	Ratio	Lower	Upper
96	100		
61	143.2	117.0	175.4
98	65.0	53.4	80.2

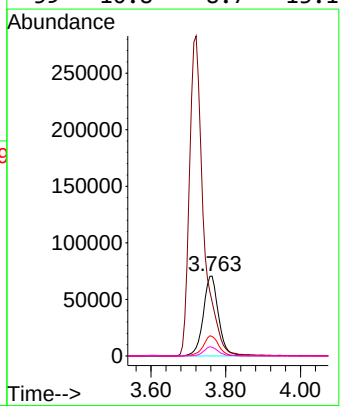


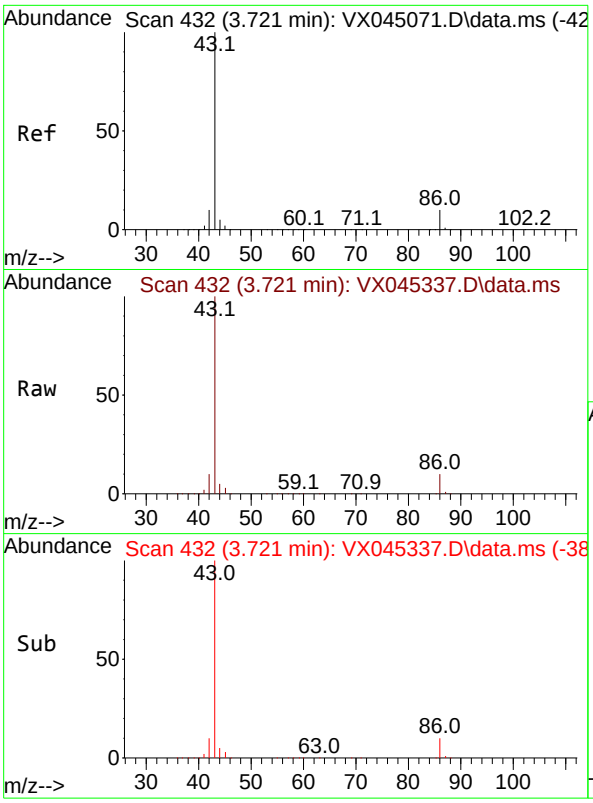


#22
Diisopropyl ether
Concen: 55.172 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 45 Resp: 201474

Ion	Ratio	Lower	Upper
45	100		
43	67.5	54.9	82.3
87	24.5	21.0	31.4
59	10.8	8.7	13.1



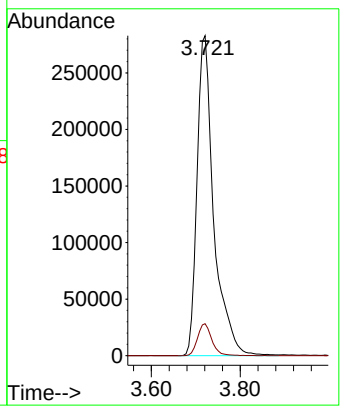


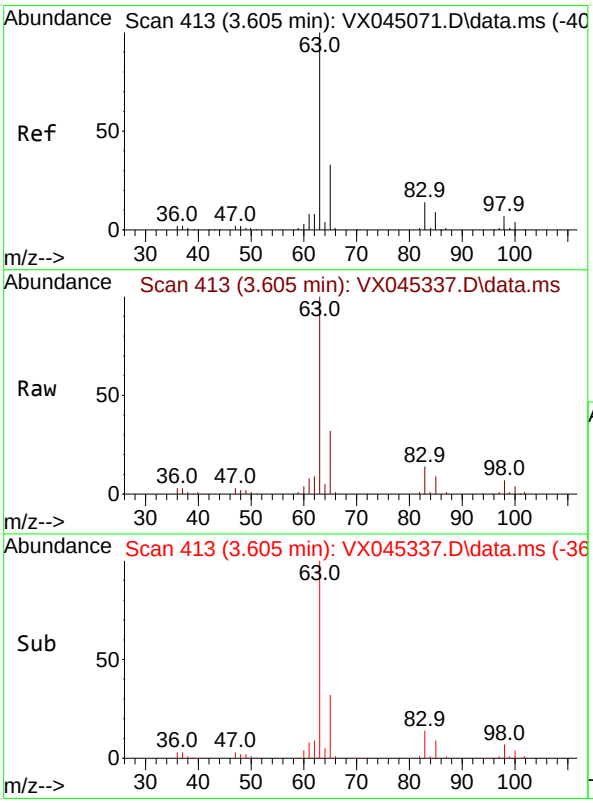
#23
Vinyl Acetate
Concen: 243.210 ug/l
RT: 3.721 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

Tgt Ion: 43 Resp: 741154

Ion	Ratio	Lower	Upper
43	100		
86	10.0	8.1	12.1

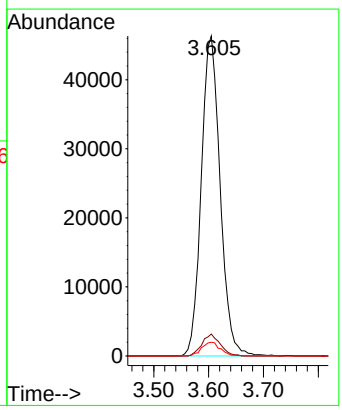


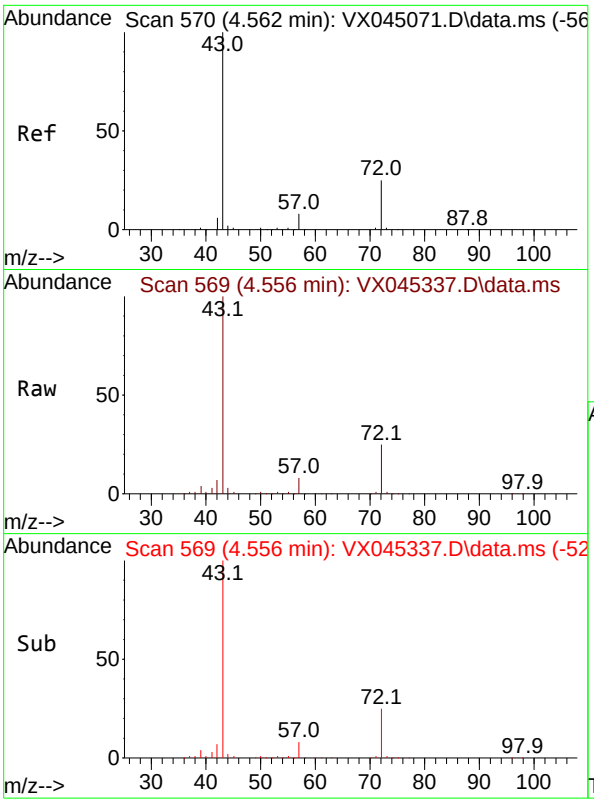


#24
1,1-Dichloroethane
Concen: 54.063 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 63 Resp: 110642

Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.4	10.2
100	4.3	2.1	6.5



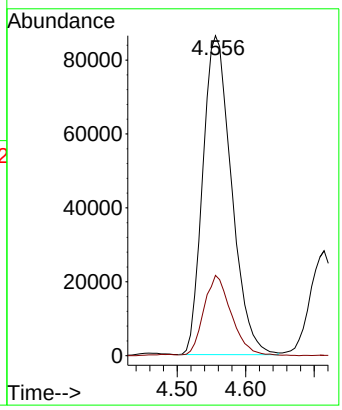


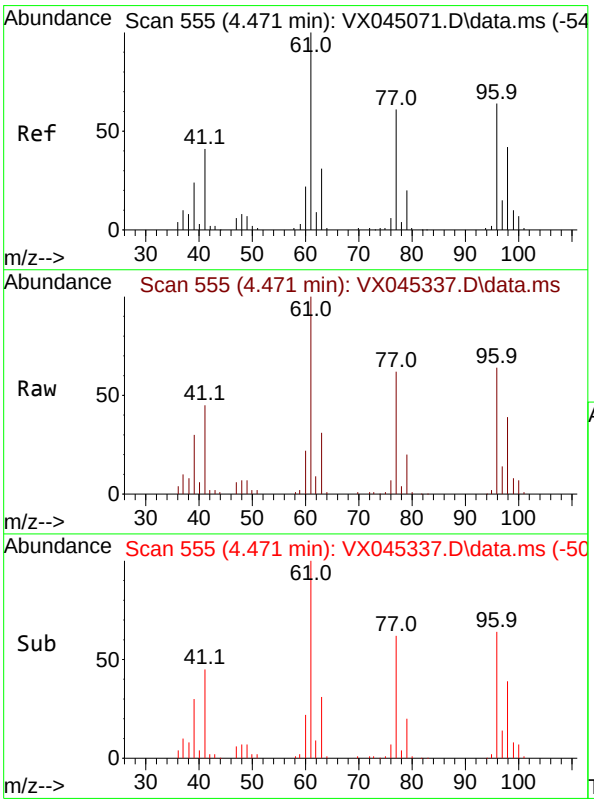
#25
2-Butanone
Concen: 275.329 ug/l
RT: 4.556 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

Tgt Ion: 43 Resp: 251080

Ion	Ratio	Lower	Upper
43	100		
72	25.0	20.0	30.0

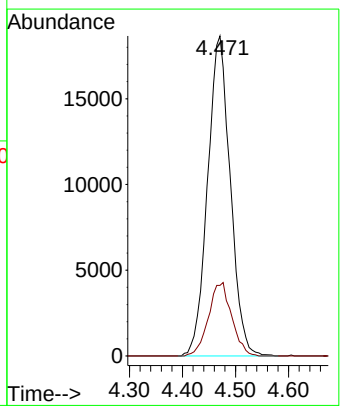


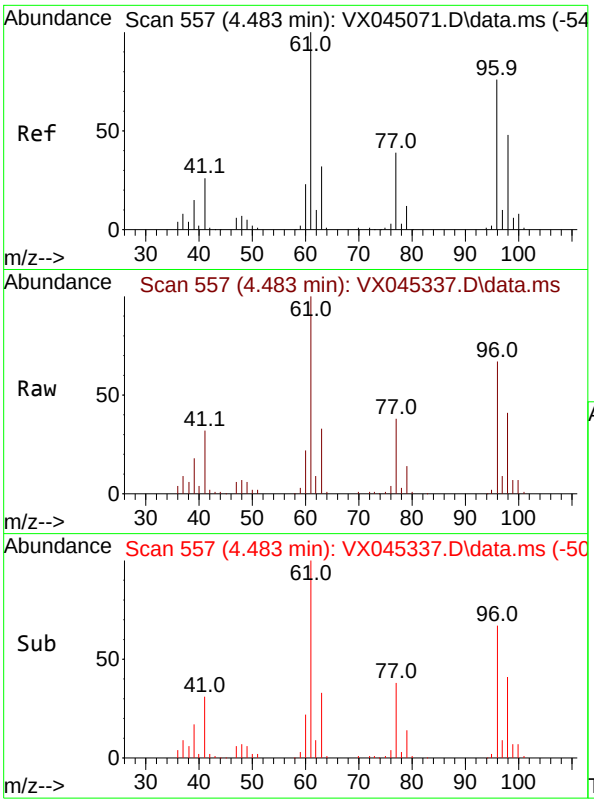


#26
2,2-Dichloropropane
Concen: 57.721 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 77 Resp: 55408

Ion	Ratio	Lower	Upper
77	100		
97	23.5	12.4	37.0



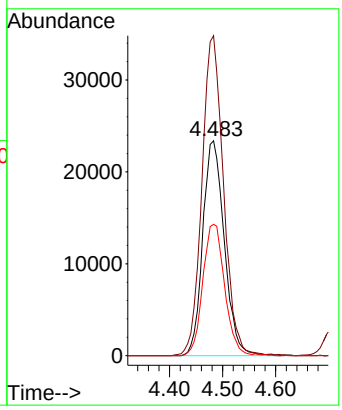


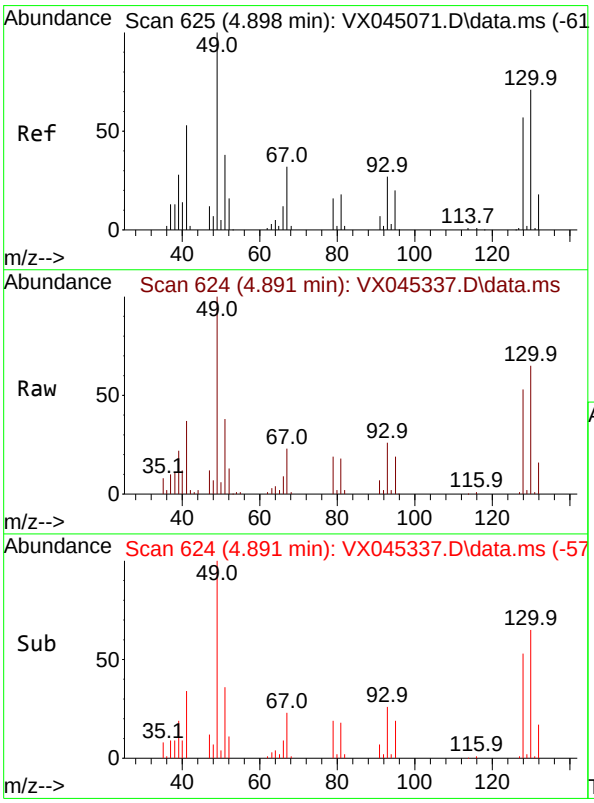
#27
cis-1,2-Dichloroethene
Concen: 53.621 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

Tgt Ion: 96 Resp: 65964

Ion	Ratio	Lower	Upper
96	100		
61	149.4	0.0	283.2
98	62.1	0.0	128.0

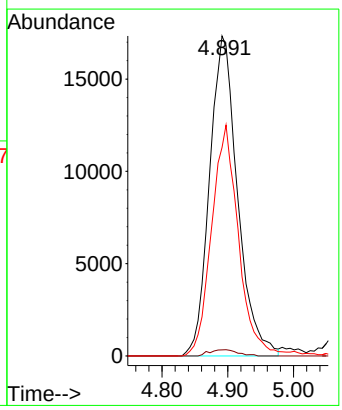


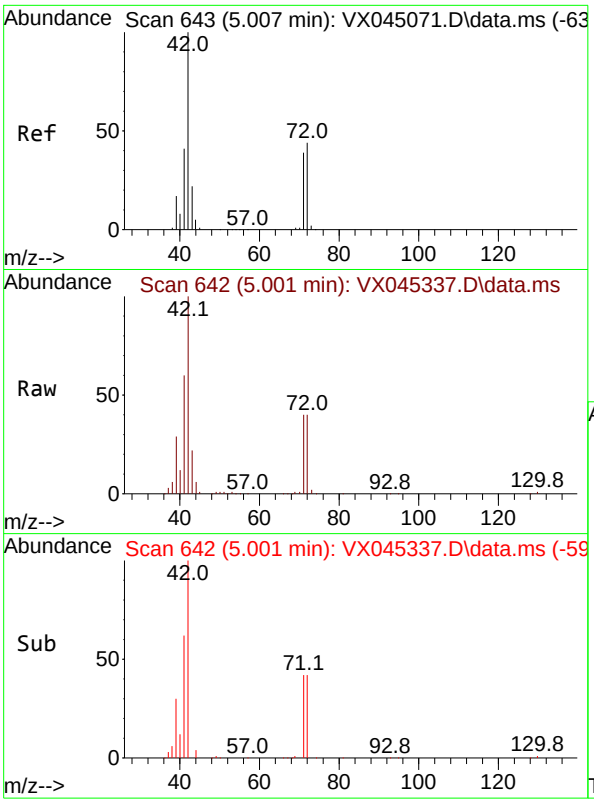


#28
Bromochloromethane
Concen: 52.682 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 49 Resp: 51390

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.4
130	69.3	56.1	84.1



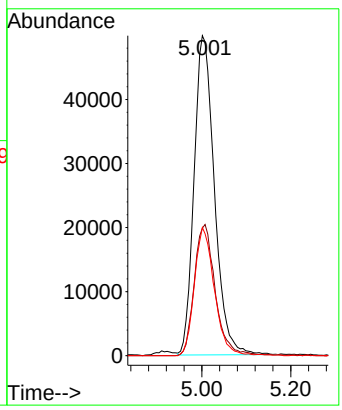


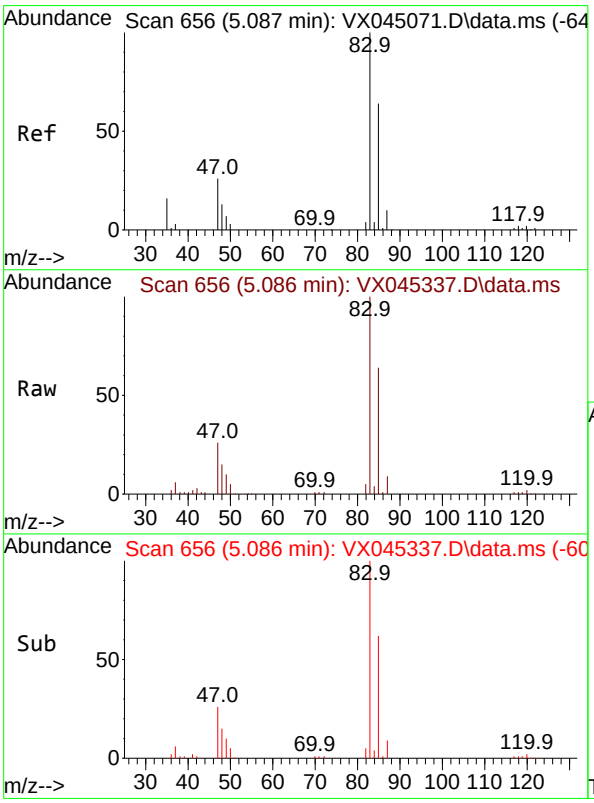
#29
Tetrahydrofuran
Concen: 259.527 ug/l
RT: 5.001 min Scan# 64
Delta R.T. -0.006 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

Tgt Ion: 42 Resp: 158936

Ion	Ratio	Lower	Upper
42	100		
72	42.3	34.1	51.1
71	39.3	31.4	47.0

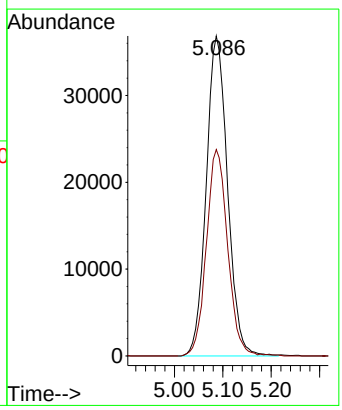


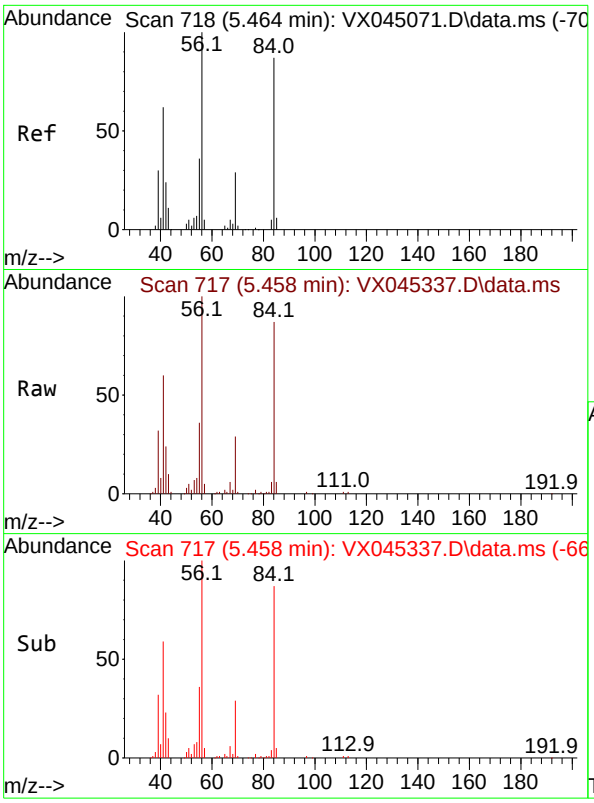


#30
Chloroform
Concen: 55.479 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 83 Resp: 112815

Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.4	77.2



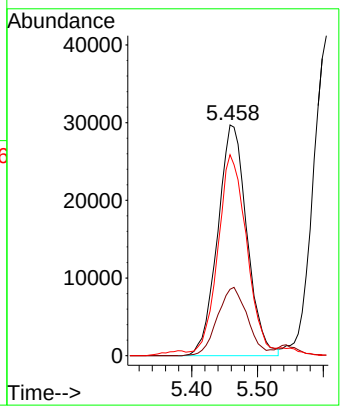


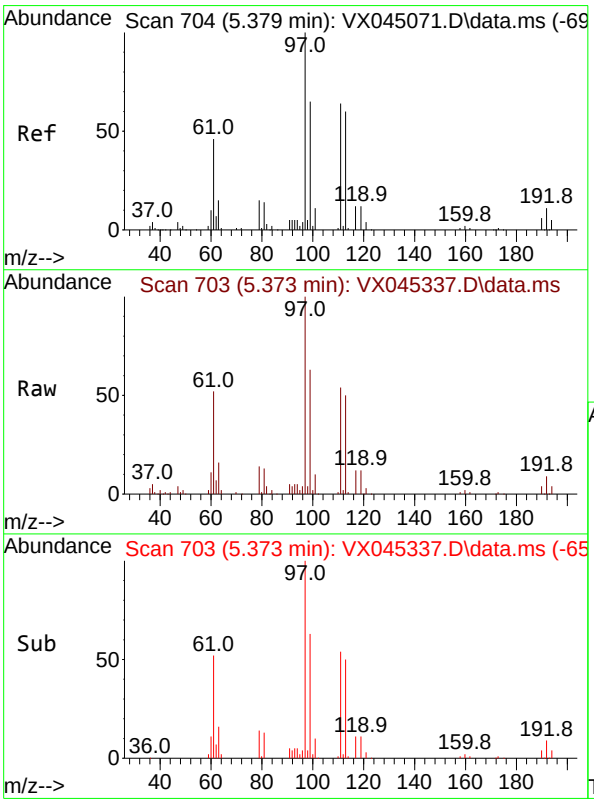
#31
Cyclohexane
Concen: 51.730 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

Tgt Ion: 56 Resp: 91899

Ion	Ratio	Lower	Upper
56	100		
69	28.8	23.4	35.2
84	84.9	69.4	104.2

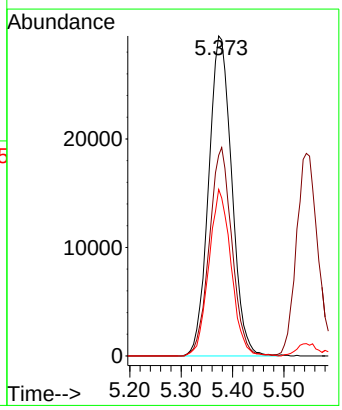


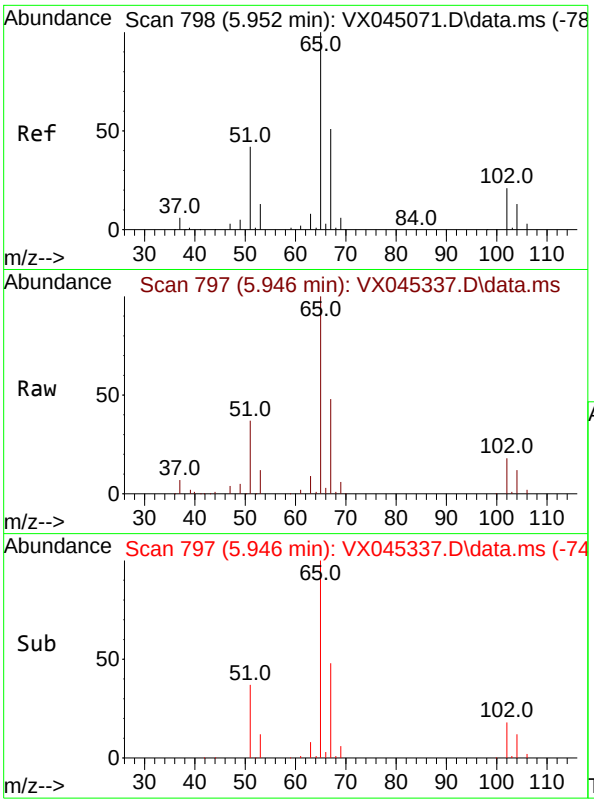


#32
1,1,1-Trichloroethane
Concen: 56.057 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 97 Resp: 92066

Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.6	77.4
61	50.3	38.4	57.6



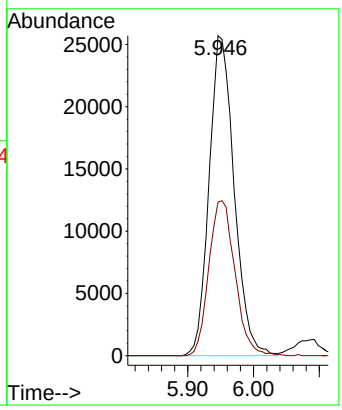


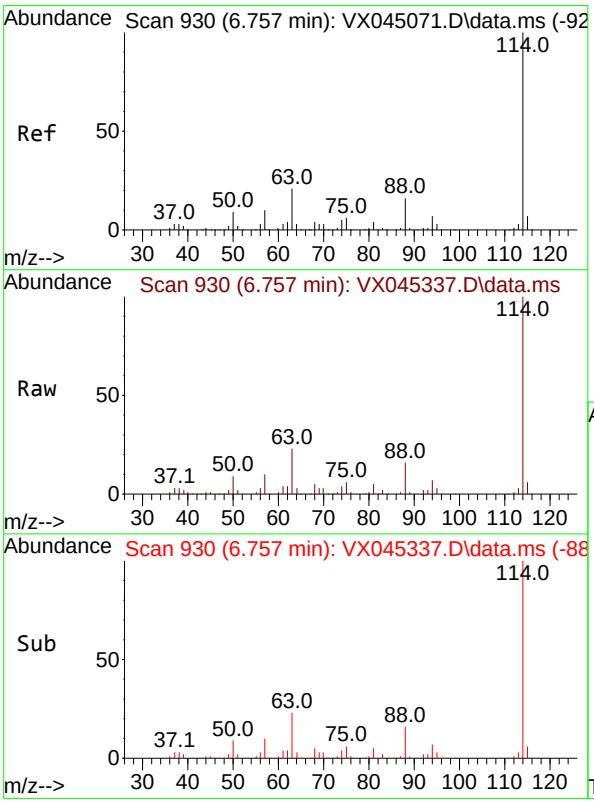
#33
1,2-Dichloroethane-d4
Concen: 52.158 ug/l
RT: 5.946 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

Tgt Ion: 65 Resp: 68106

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	106.2

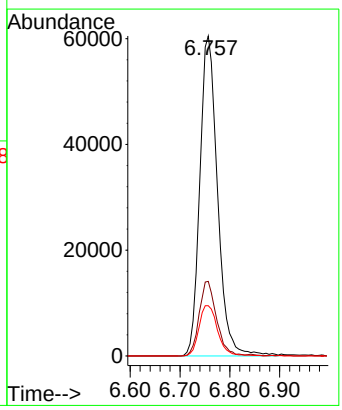


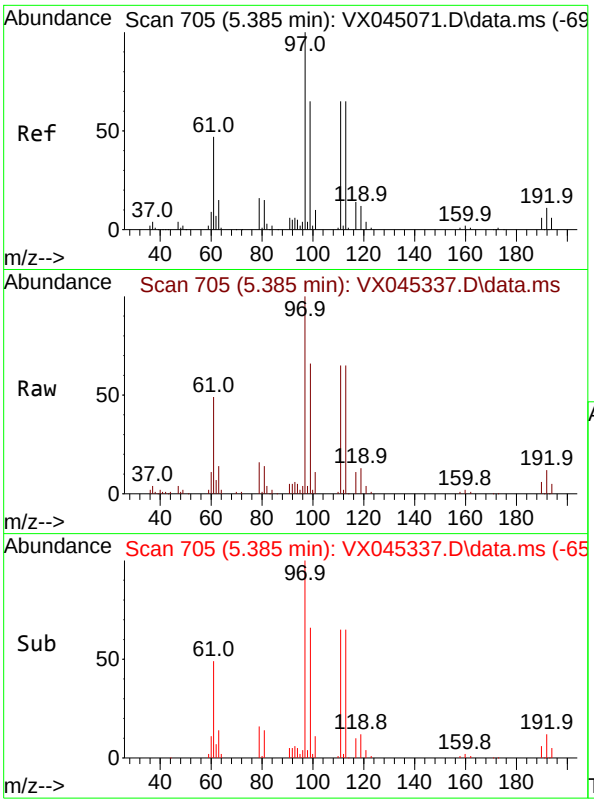


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion:114 Resp: 149330

Ion	Ratio	Lower	Upper
114	100		
63	23.3	0.0	41.8
88	15.7	0.0	32.8



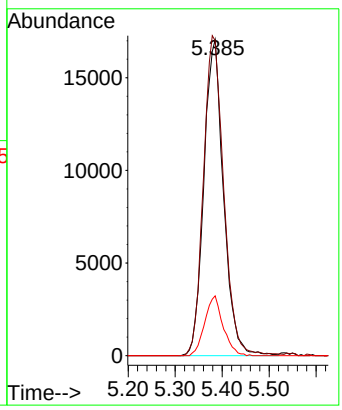


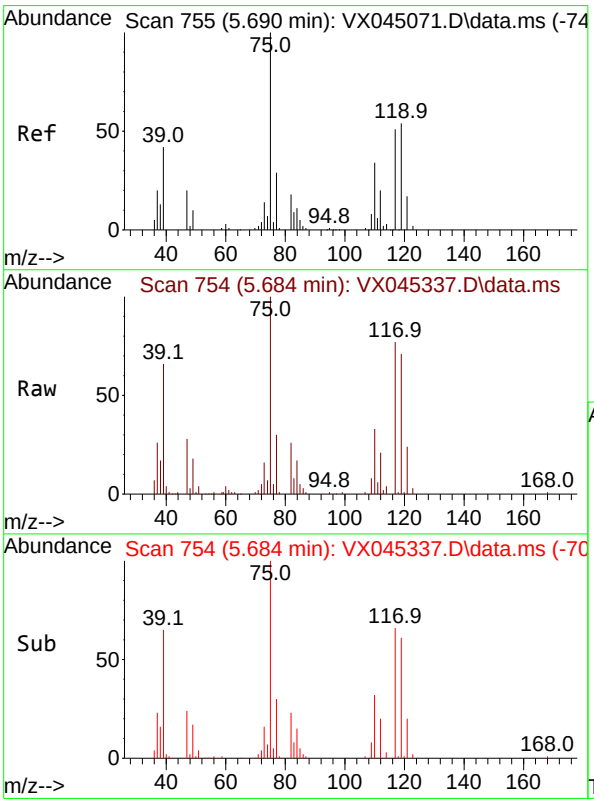
#35
Dibromofluoromethane
Concen: 49.583 ug/l
RT: 5.385 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

Tgt Ion:113 Resp: 49510

Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.8	122.6
192	17.7	14.3	21.5

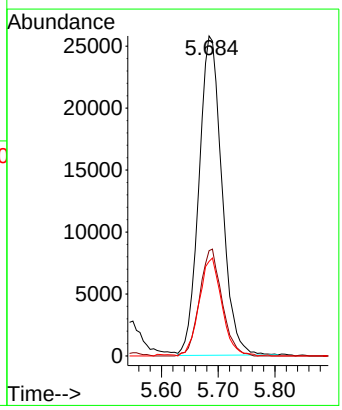


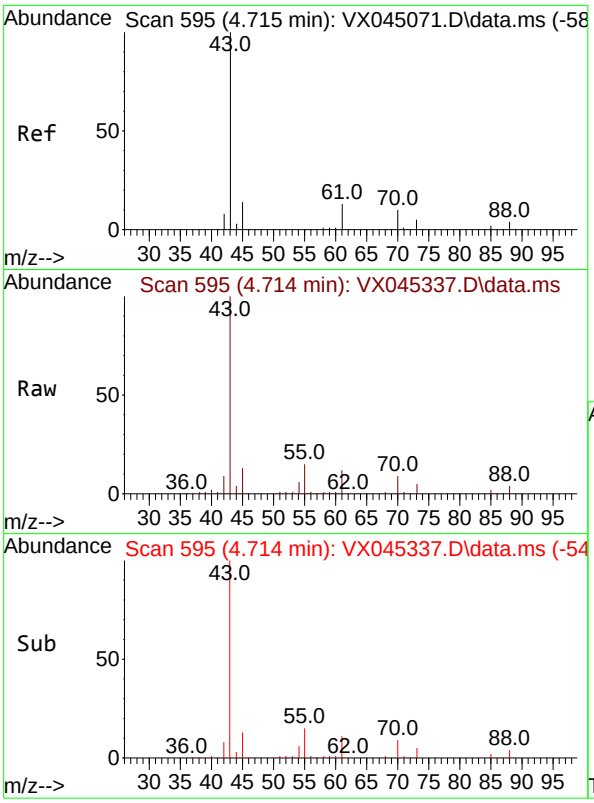


#36
1,1-Dichloropropene
Concen: 52.901 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 75 Resp: 72442

Ion	Ratio	Lower	Upper
75	100		
110	32.6	16.9	50.6
77	30.3	24.5	36.7



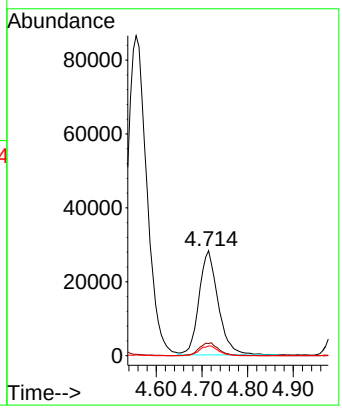


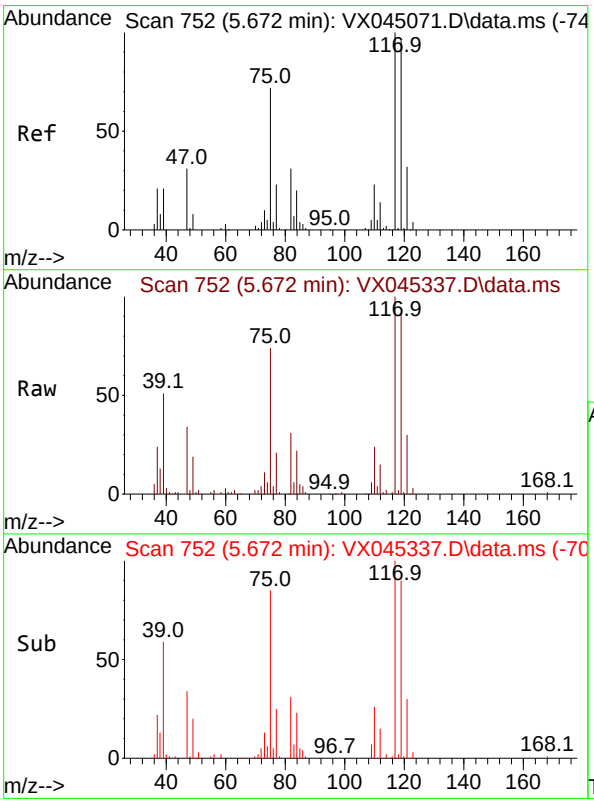
#37
Ethyl Acetate
Concen: 46.747 ug/l
RT: 4.714 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

Tgt Ion: 43 Resp: 82487

Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.8	16.2
70	9.3	7.7	11.5

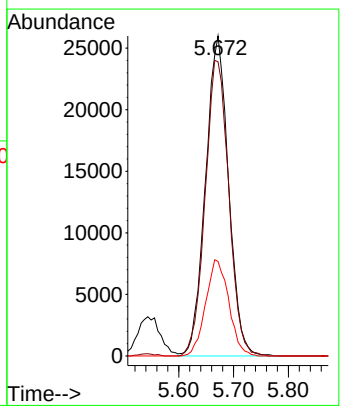


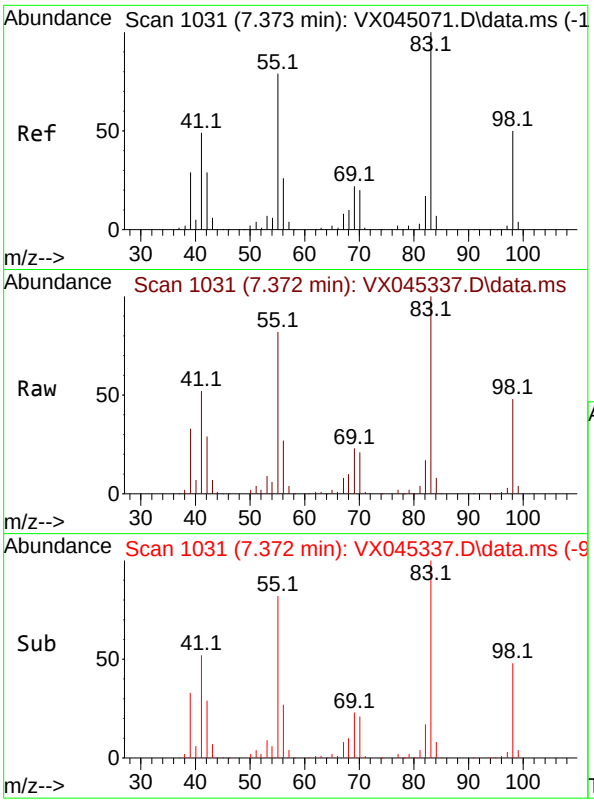


#38
Carbon Tetrachloride
Concen: 54.579 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion:117 Resp: 75879

Ion	Ratio	Lower	Upper
117	100		
119	91.9	76.7	115.1
121	29.5	25.5	38.3



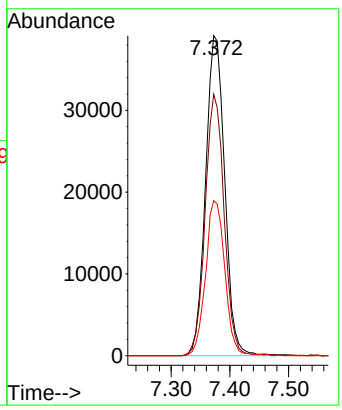


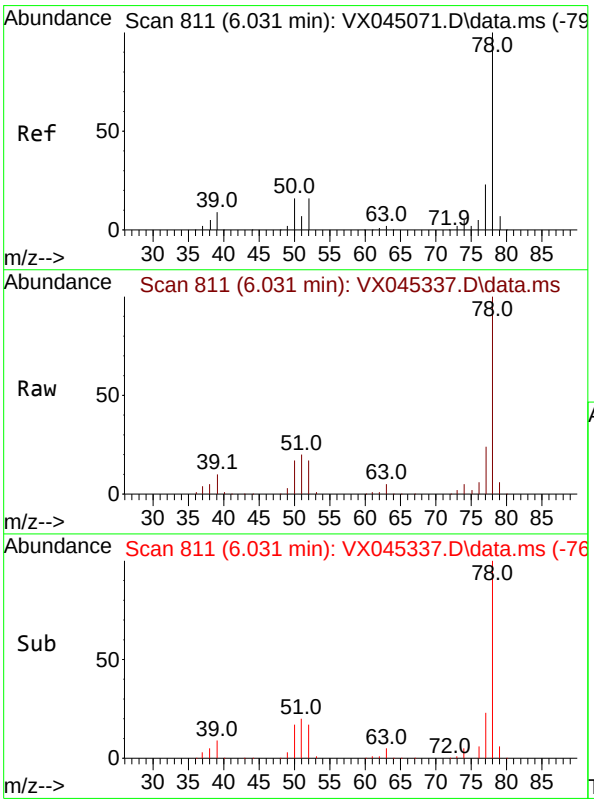
#39
Methylcyclohexane
Concen: 53.896 ug/l
RT: 7.372 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

Tgt Ion: 83 Resp: 88435

Ion	Ratio	Lower	Upper
83	100		
55	81.7	63.0	94.4
98	48.4	39.7	59.5

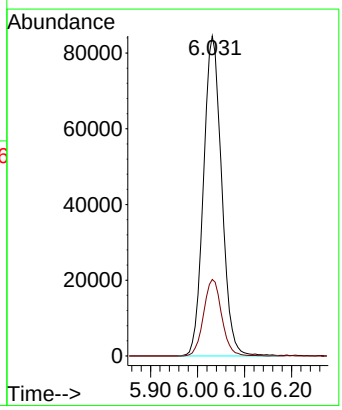


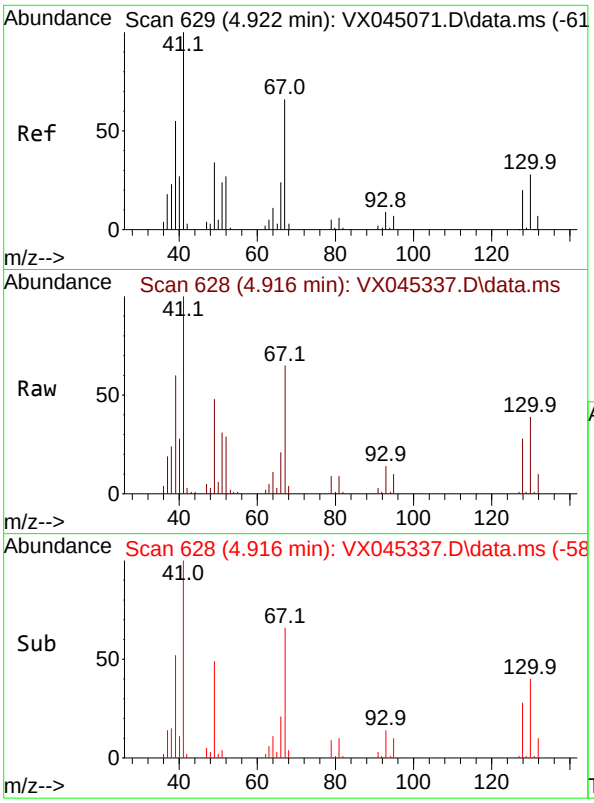


#40
Benzene
Concen: 52.418 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 78 Resp: 226668

Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.8	28.2



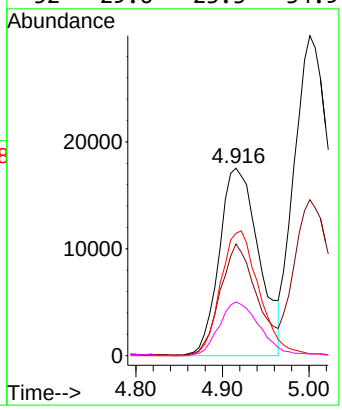


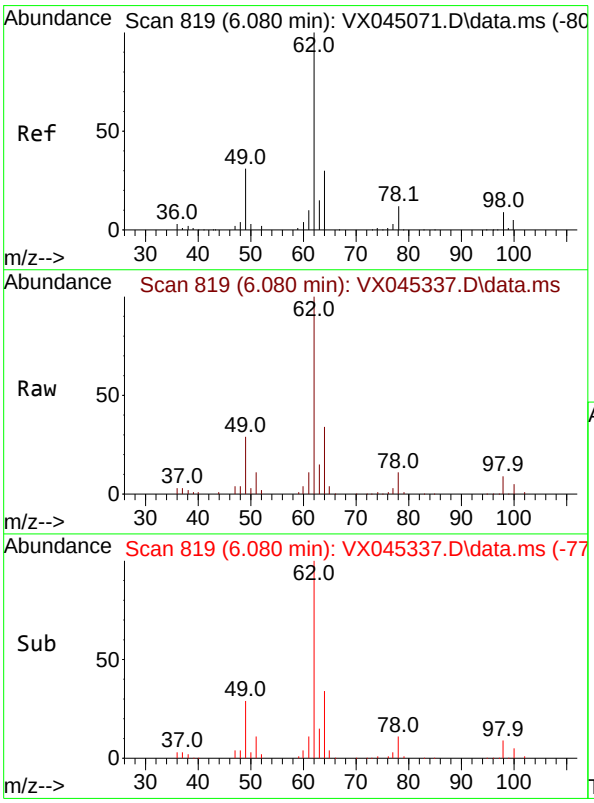
#41
Methacrylonitrile
Concen: 58.599 ug/l
RT: 4.916 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

Tgt Ion: 41 Resp: 55910

Ion	Ratio	Lower	Upper
41	100		
39	54.9	44.6	67.0
67	64.8	53.9	80.9
52	29.6	23.3	34.9

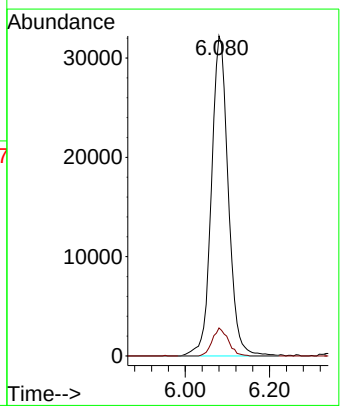


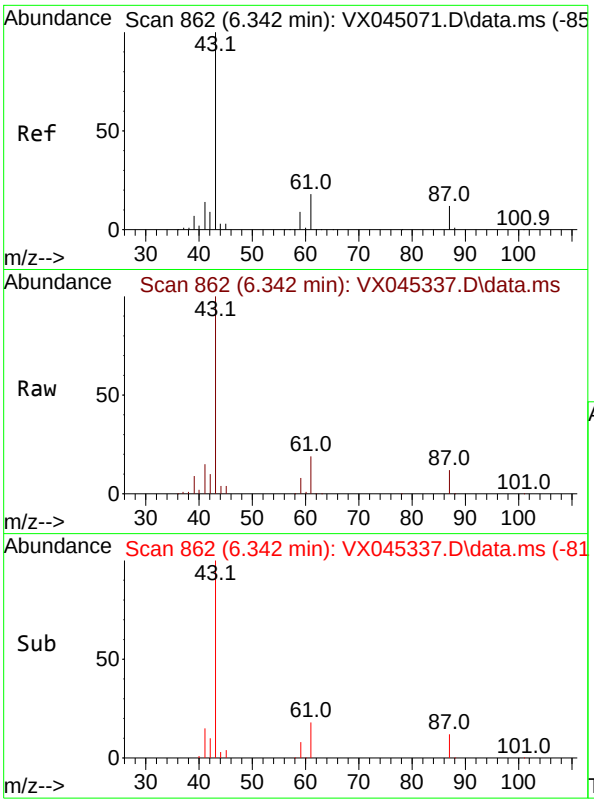


#42
1,2-Dichloroethane
Concen: 57.481 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 62 Resp: 89507

Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	18.2



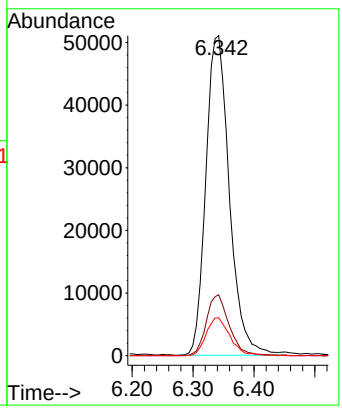


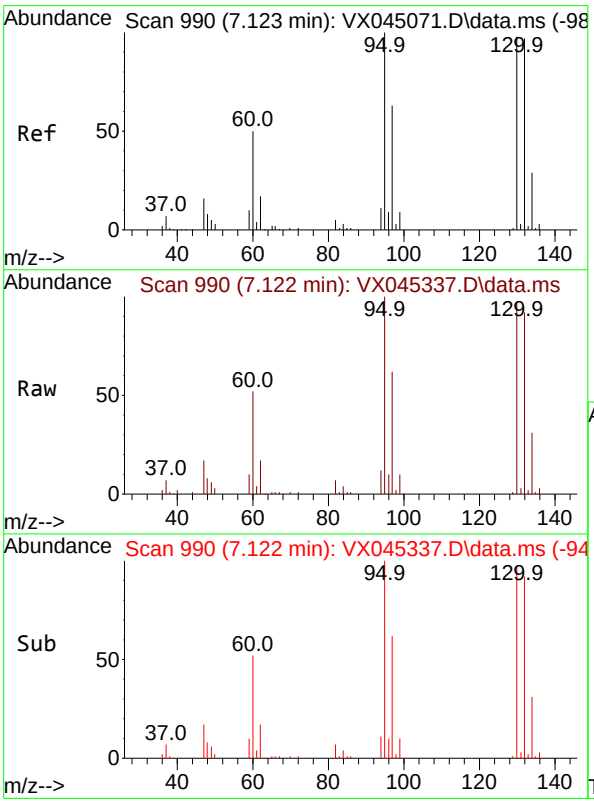
#43
Isopropyl Acetate
Concen: 52.421 ug/l
RT: 6.342 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

Tgt Ion: 43 Resp: 136780

Ion	Ratio	Lower	Upper
43	100		
61	18.6	14.9	22.3
87	12.0	9.4	14.2

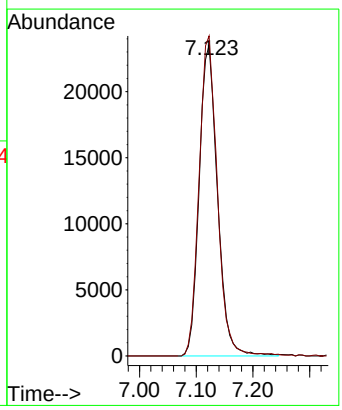


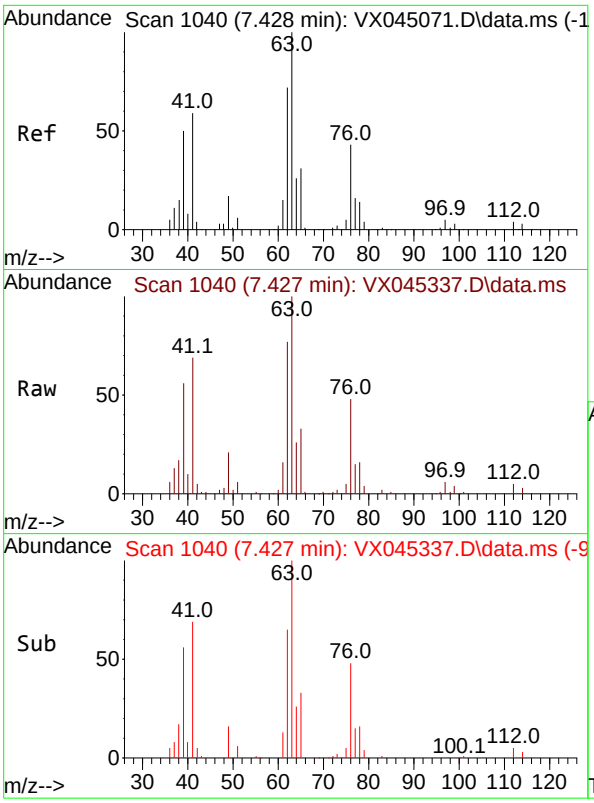


#44
Trichloroethene
Concen: 51.971 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion:130 Resp: 52769

Ion	Ratio	Lower	Upper
130	100		
95	102.9	0.0	205.0



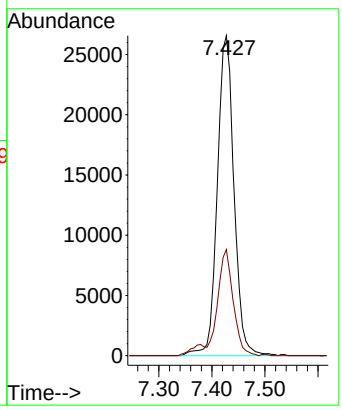


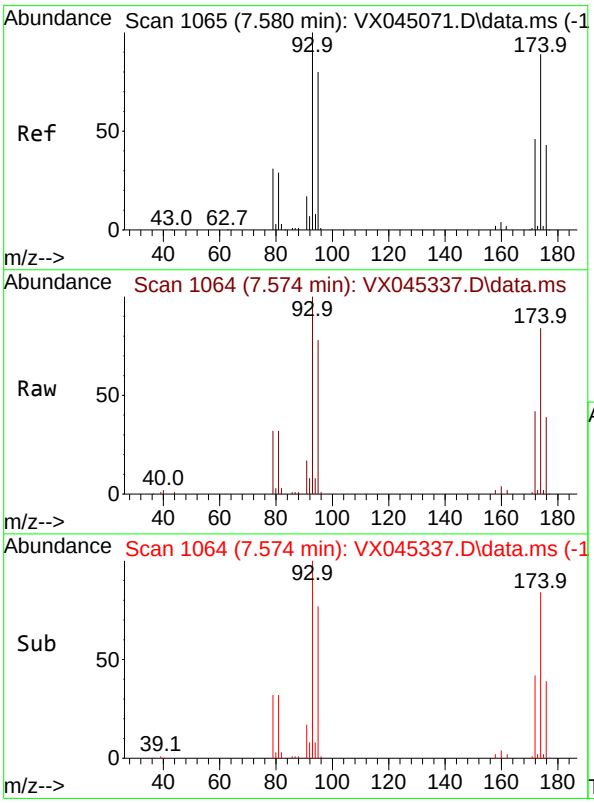
#45
1,2-Dichloropropane
Concen: 52.261 ug/l
RT: 7.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

Tgt Ion: 63 Resp: 58104

Ion	Ratio	Lower	Upper
63	100		
65	33.2	24.7	37.1

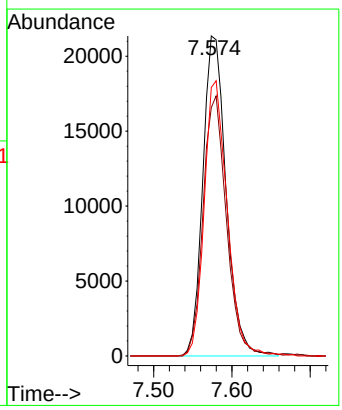


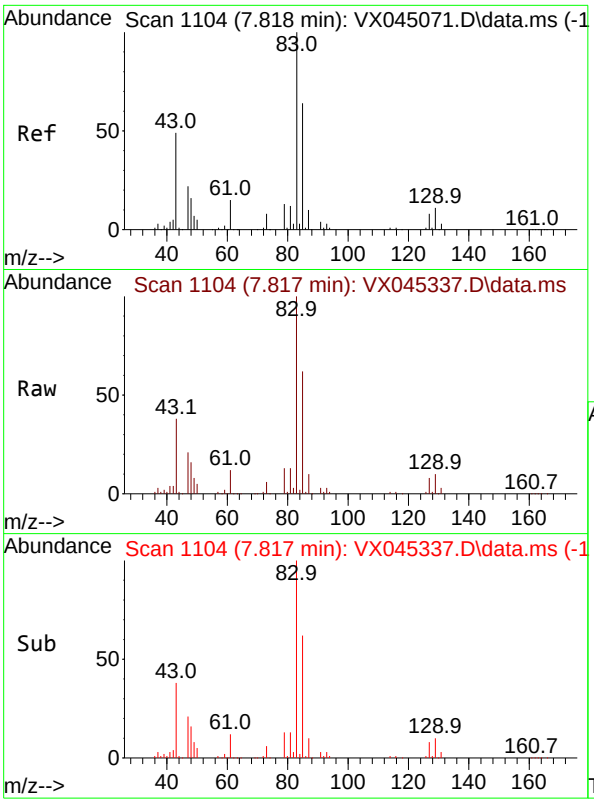


#46
Dibromomethane
Concen: 56.142 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 93 Resp: 44118

Ion	Ratio	Lower	Upper
93	100		
95	81.4	65.8	98.8
174	85.2	72.2	108.2



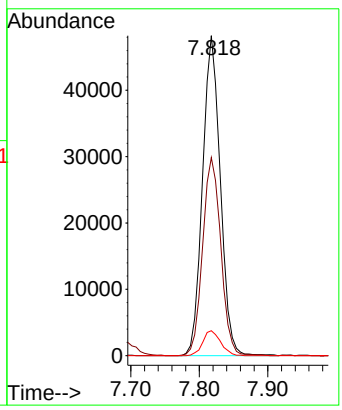


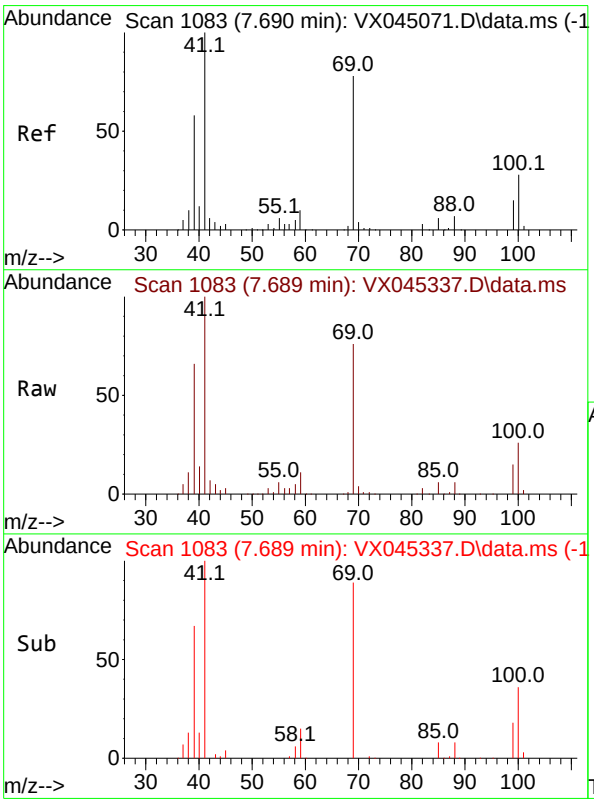
#47
Bromodichloromethane
Concen: 56.598 ug/l
RT: 7.817 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

Tgt Ion: 83 Resp: 87240

Ion	Ratio	Lower	Upper
83	100		
85	61.9	51.1	76.7
127	7.8	6.4	9.6

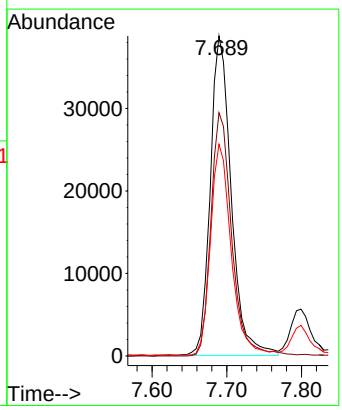


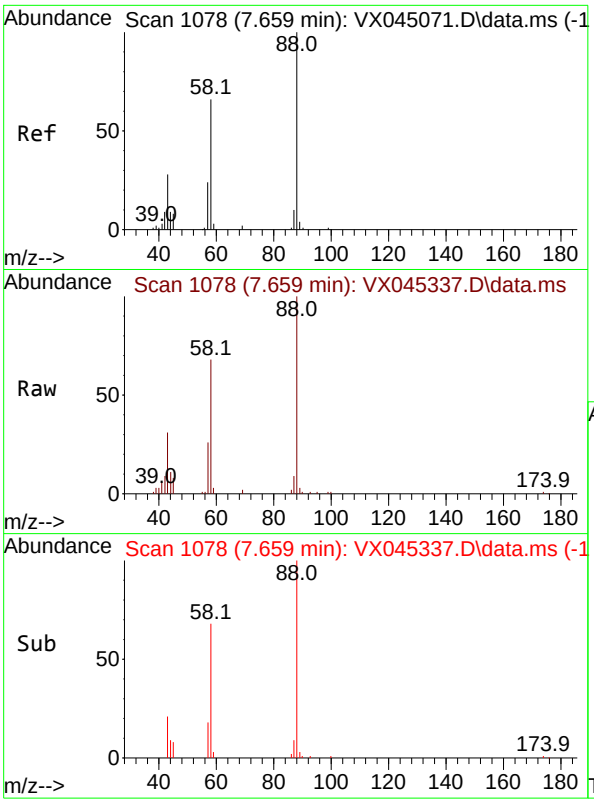


#48
Methyl methacrylate
Concen: 57.475 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 41 Resp: 75237

Ion	Ratio	Lower	Upper
41	100		
69	75.9	63.0	94.6
39	65.4	47.5	71.3



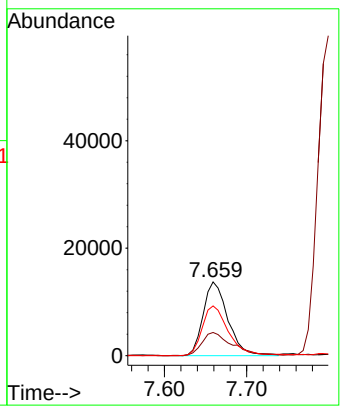


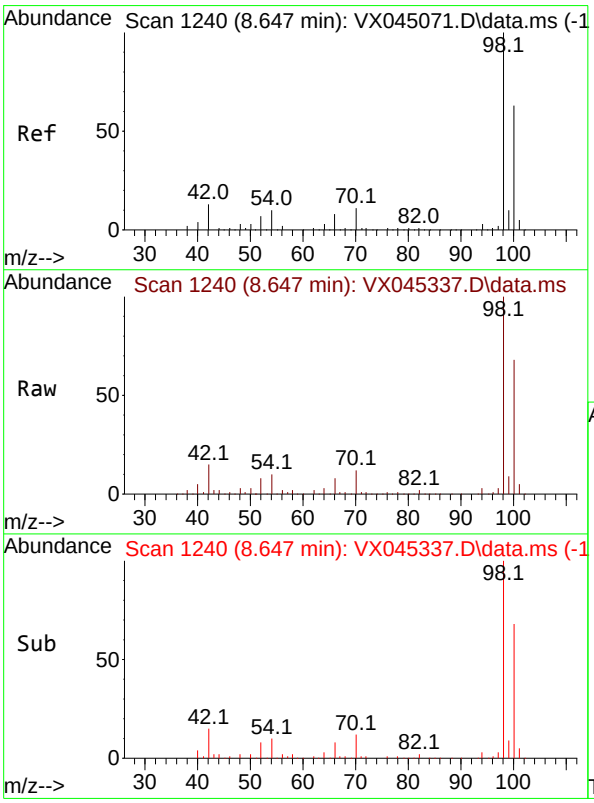
#49
1,4-Dioxane
Concen: 1035.355 ug/l
RT: 7.659 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

Tgt Ion: 88 Resp: 28589

Ion	Ratio	Lower	Upper
88	100		
43	39.0	28.7	43.1
58	73.3	55.8	83.8

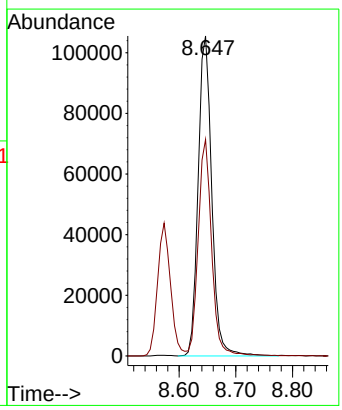


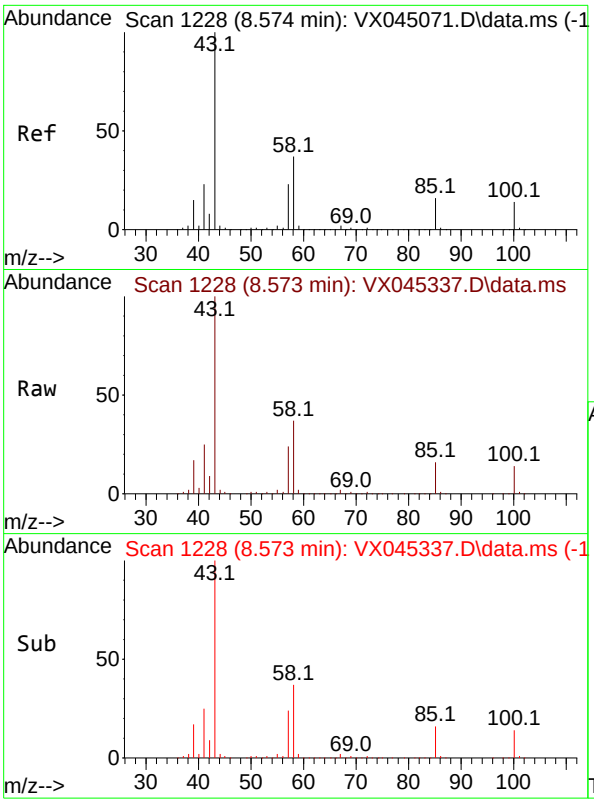


#50
Toluene-d8
Concen: 48.615 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 98 Resp: 175987

Ion	Ratio	Lower	Upper
98	100		
100	66.6	52.0	78.0



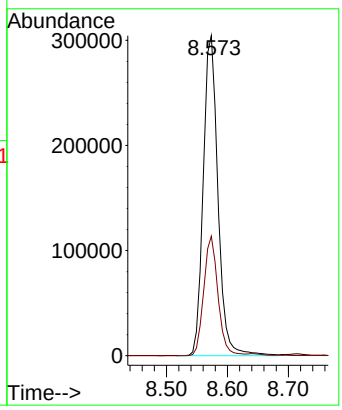


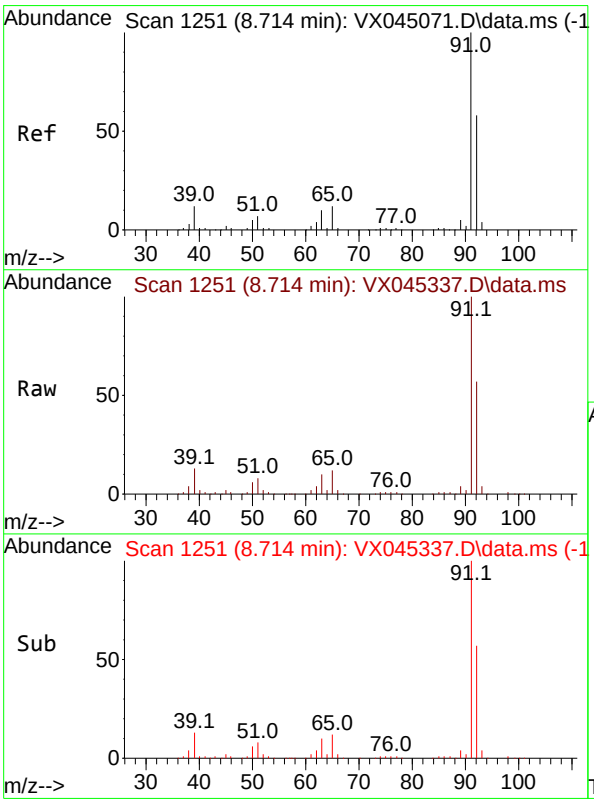
#51
4-Methyl-2-Pentanone
Concen: 291.992 ug/l
RT: 8.573 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

Tgt Ion: 43 Resp: 511560

Ion	Ratio	Lower	Upper
43	100		
58	36.0	29.2	43.8

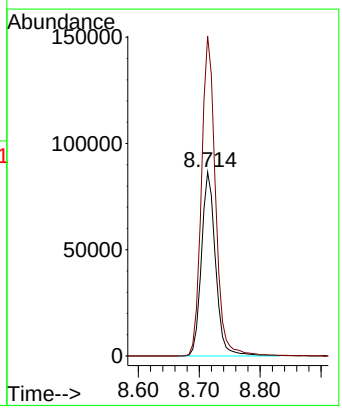


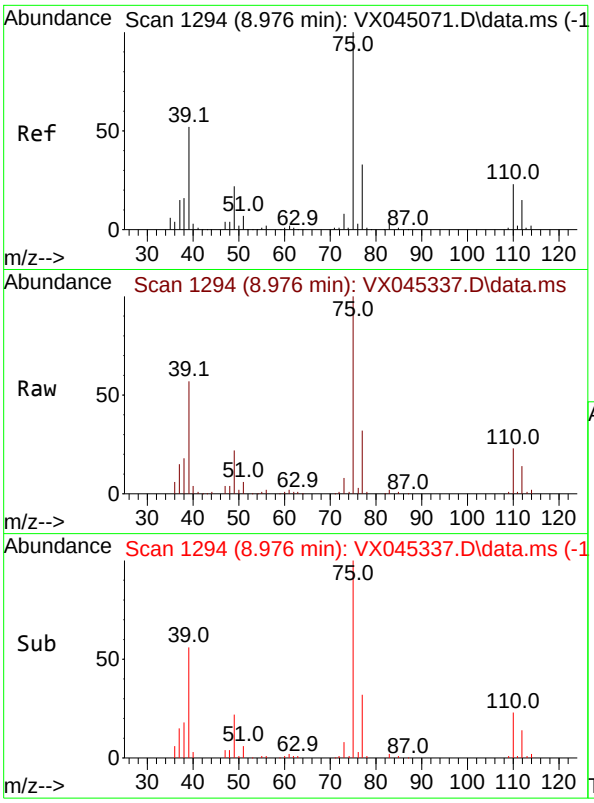


#52
Toluene
Concen: 54.902 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 92 Resp: 139292

Ion	Ratio	Lower	Upper
92	100		
91	174.1	138.9	208.3



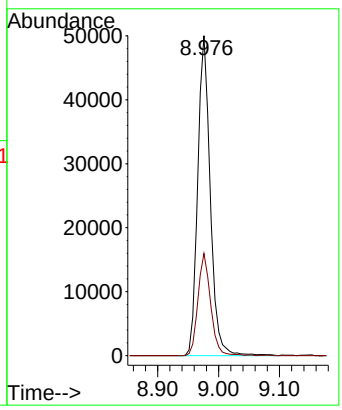


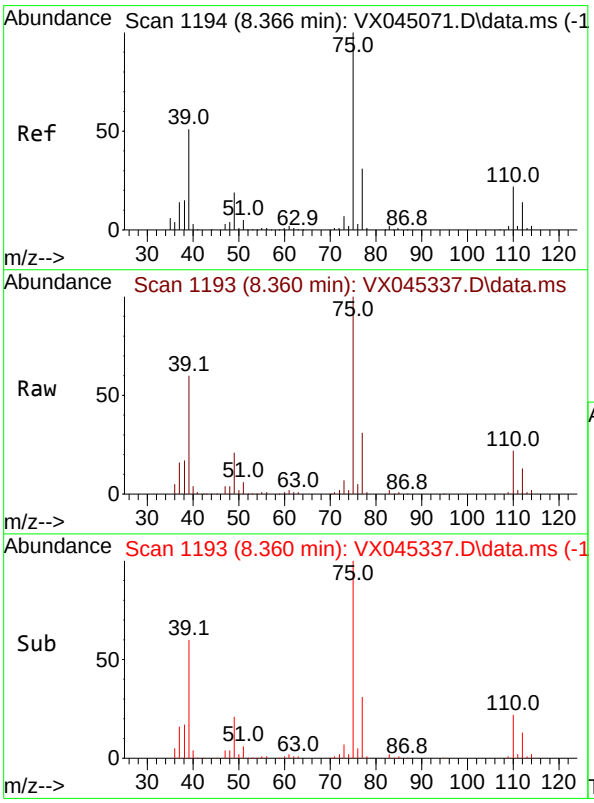
#53
t-1,3-Dichloropropene
Concen: 55.644 ug/l
RT: 8.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

Tgt Ion: 75 Resp: 71703

Ion	Ratio	Lower	Upper
75	100		
77	32.0	26.5	39.7

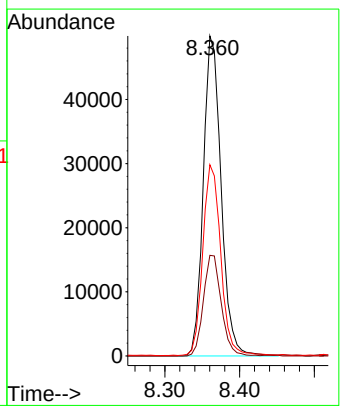


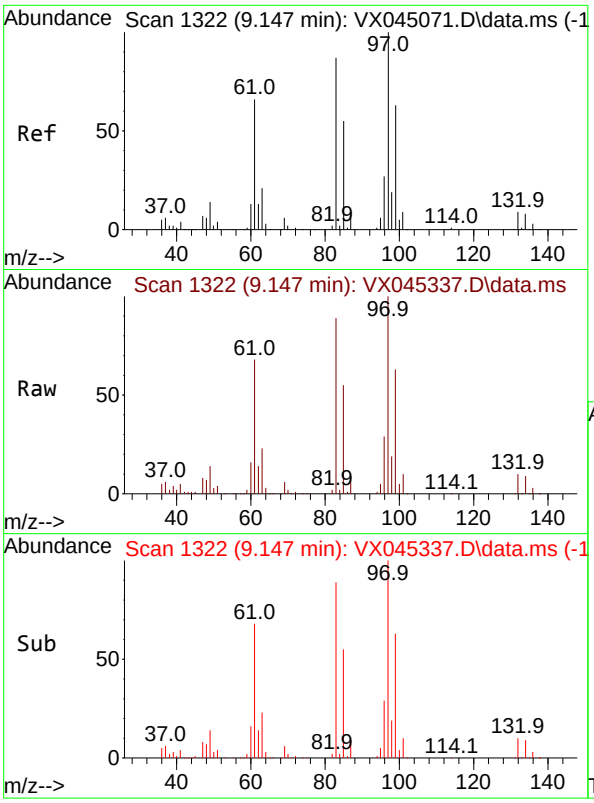


#54
cis-1,3-Dichloropropene
Concen: 55.044 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 75 Resp: 82711

Ion	Ratio	Lower	Upper
75	100		
77	31.5	24.7	37.1
39	59.6	40.7	61.1



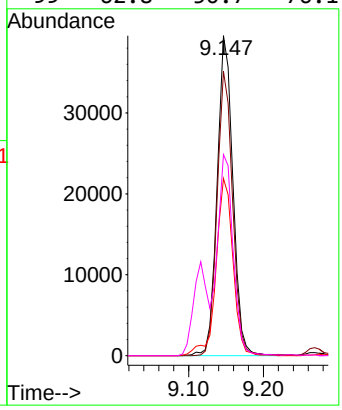


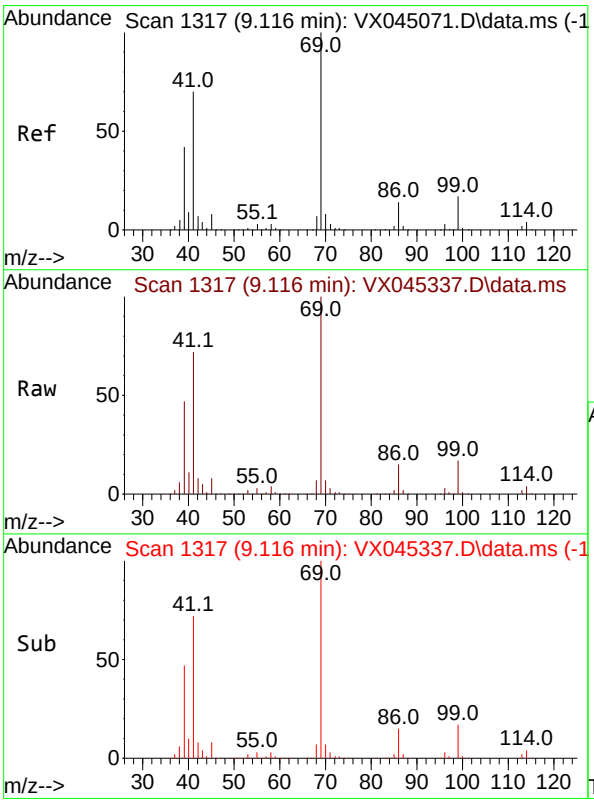
#55
1,1,2-Trichloroethane
Concen: 55.561 ug/l
RT: 9.147 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

Tgt Ion: 97 Resp: 58031

Ion	Ratio	Lower	Upper
97	100		
83	88.9	69.4	104.2
85	55.3	44.1	66.1
99	62.8	50.7	76.1

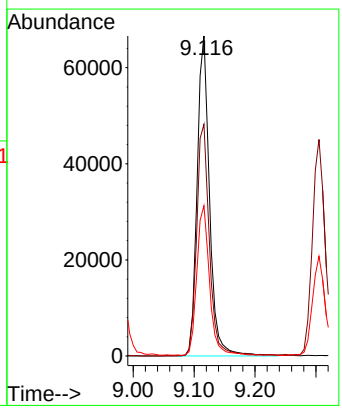


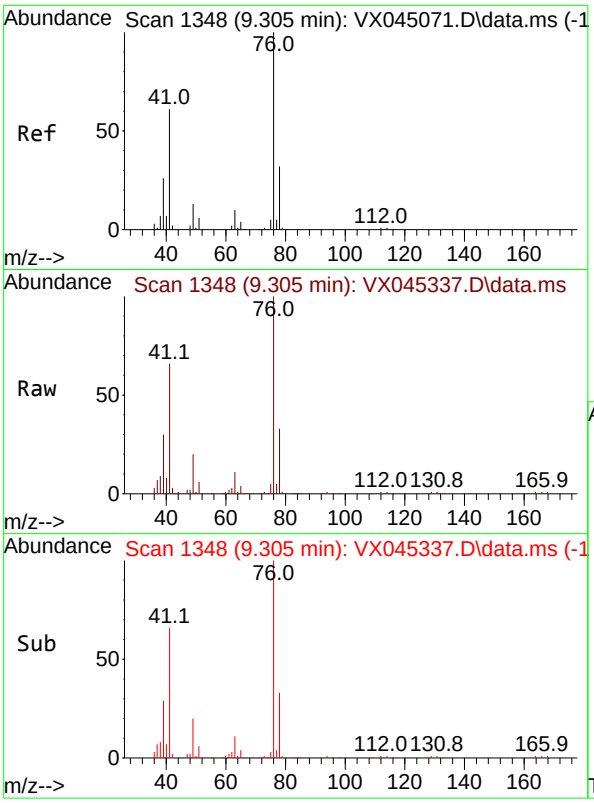


#56
Ethyl methacrylate
Concen: 59.348 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 69 Resp: 94223

Ion	Ratio	Lower	Upper
69	100		
41	74.4	57.0	85.4
39	47.7	34.2	51.4



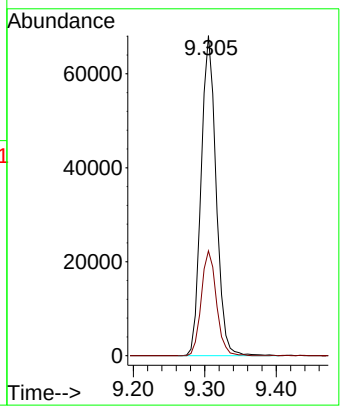


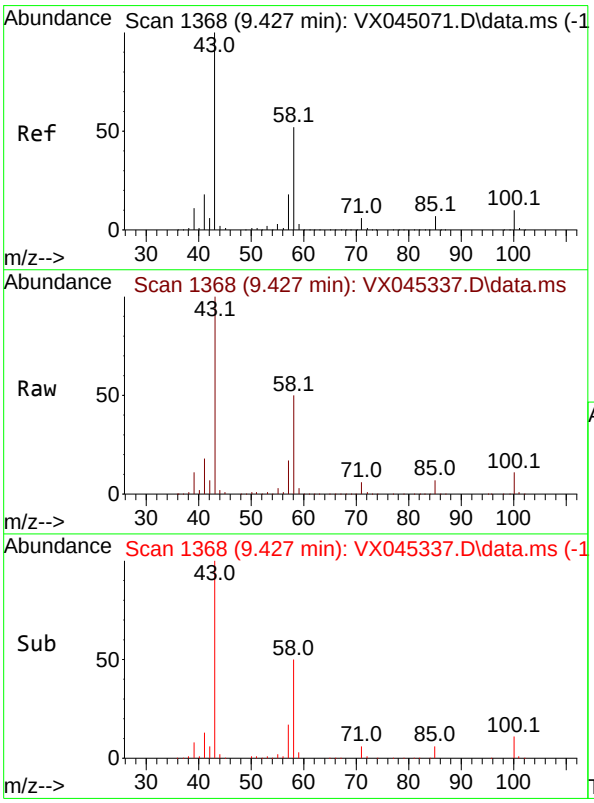
#57
1,3-Dichloropropane
Concen: 54.993 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

Tgt Ion: 76 Resp: 99400

Ion	Ratio	Lower	Upper
76	100		
78	32.9	25.5	38.3

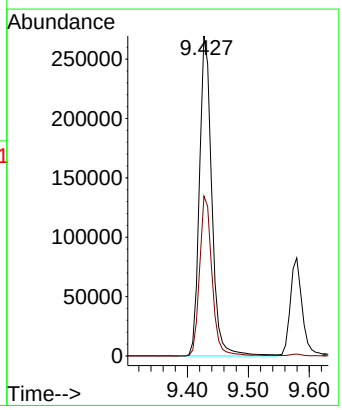


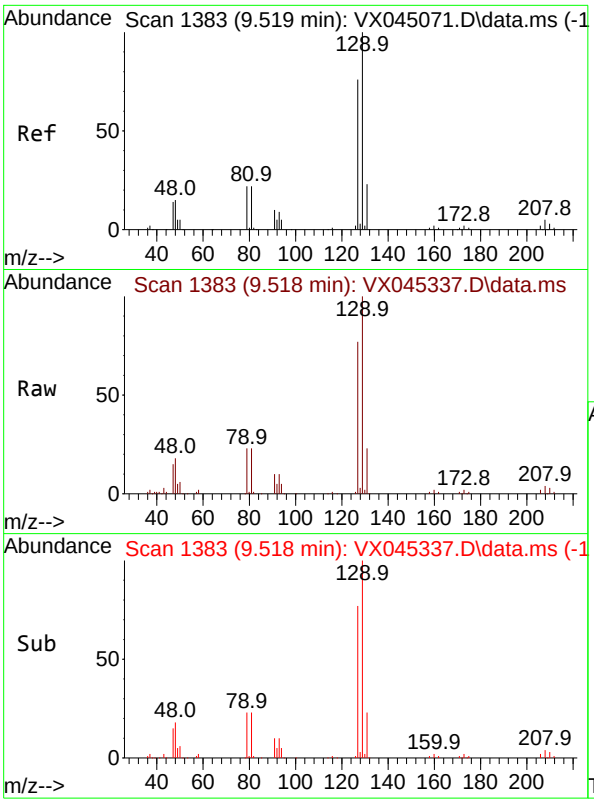


#59
2-Hexanone
Concen: 299.196 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 43 Resp: 379792

Ion	Ratio	Lower	Upper
43	100		
58	50.4	25.9	77.6



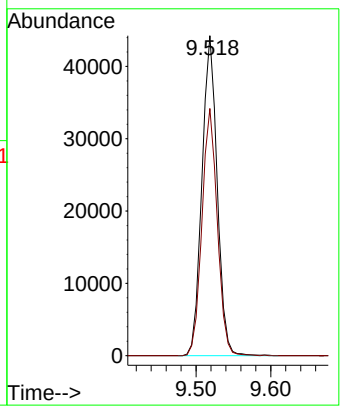


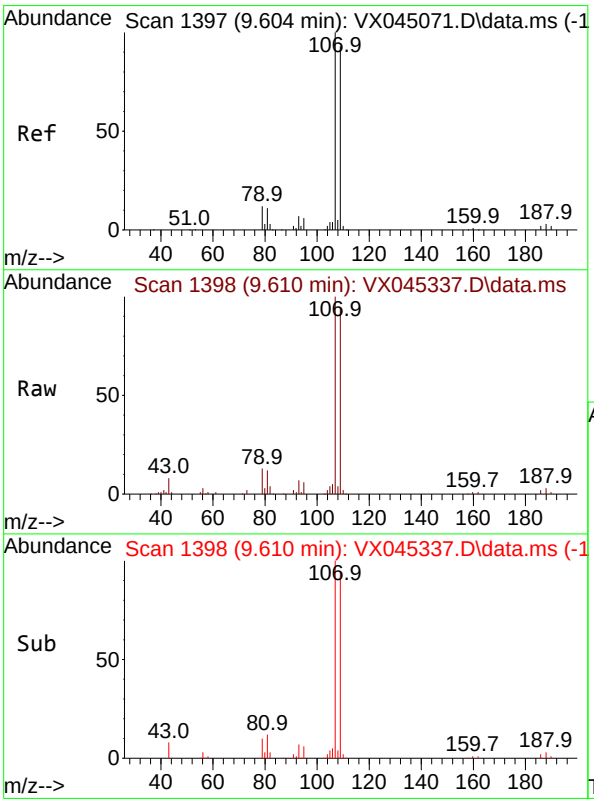
#60
Dibromochloromethane
Concen: 57.336 ug/l
RT: 9.518 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

Tgt Ion:129 Resp: 62615

Ion	Ratio	Lower	Upper
129	100		
127	77.7	38.5	115.5

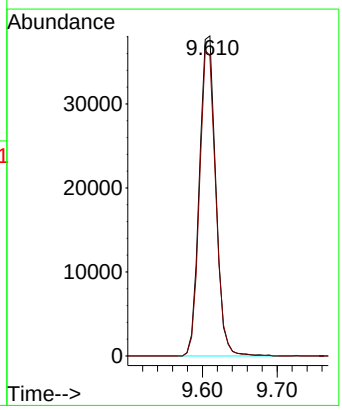


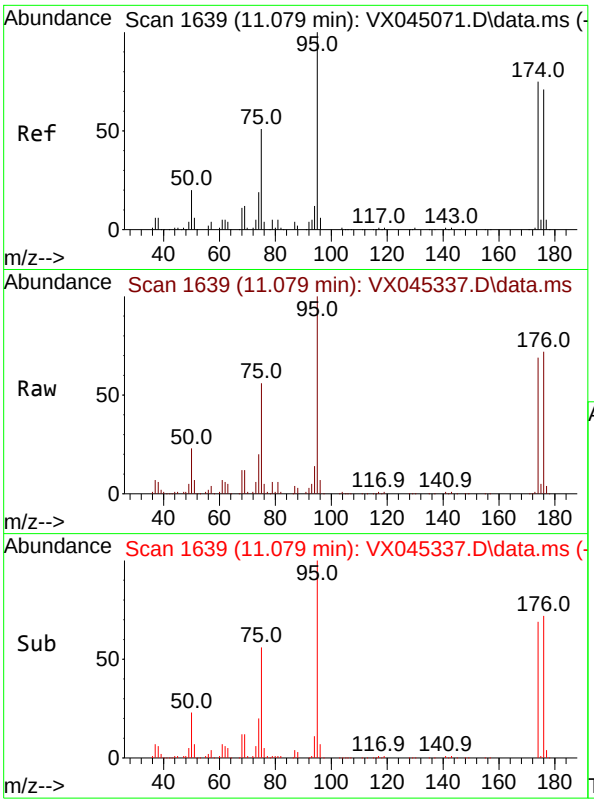


#61
1,2-Dibromoethane
Concen: 55.513 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion:107 Resp: 57882

Ion	Ratio	Lower	Upper
107	100		
109	94.8	76.1	114.1



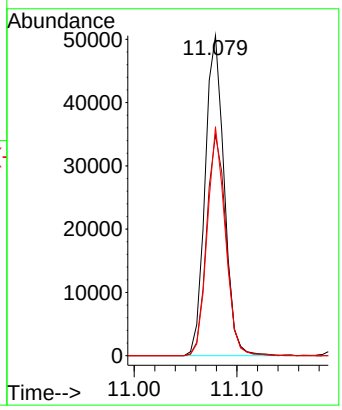


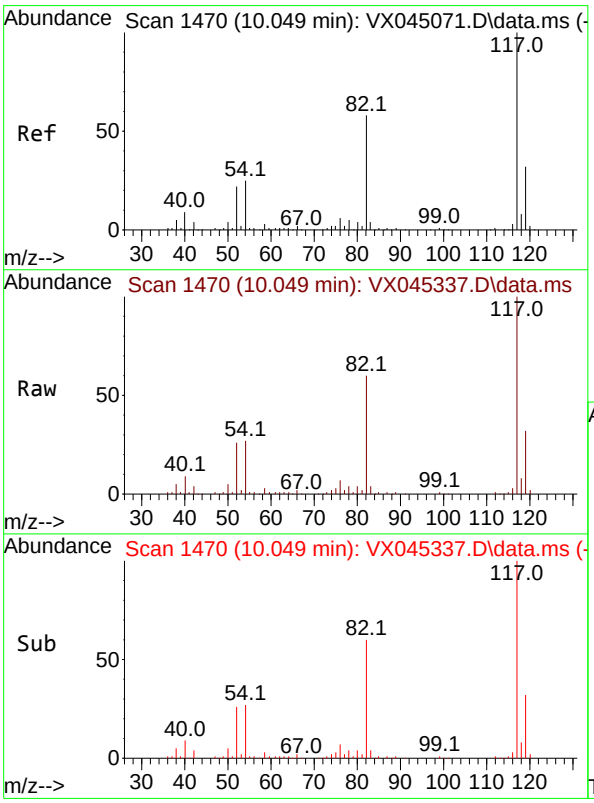
#62
4-Bromofluorobenzene
Concen: 54.227 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

Tgt Ion: 95 Resp: 65049

Ion	Ratio	Lower	Upper
95	100		
174	70.5	0.0	148.2
176	67.8	0.0	141.4

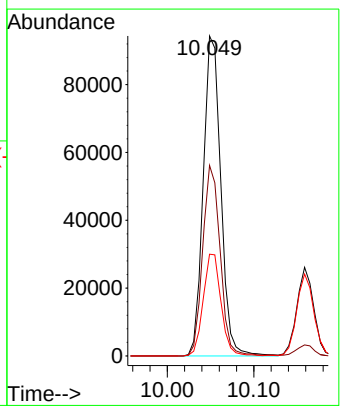


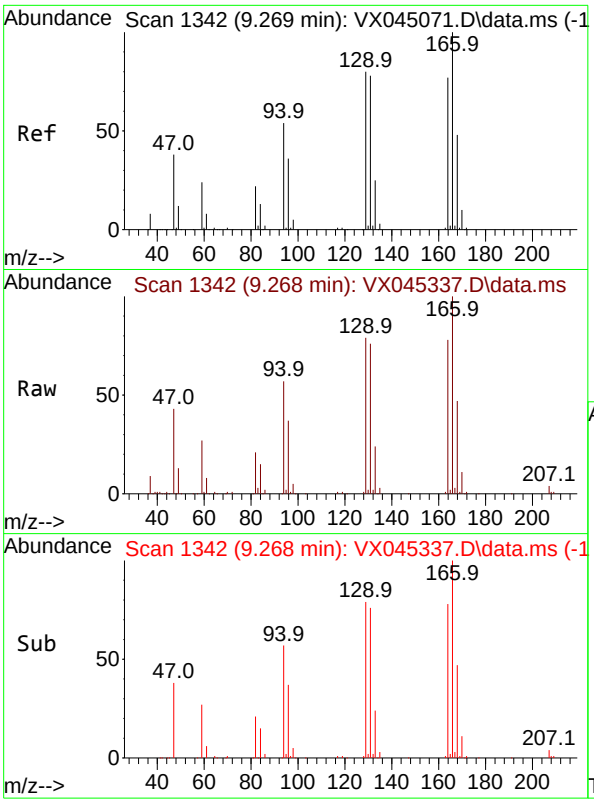


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion:117 Resp: 133072

Ion	Ratio	Lower	Upper
117	100		
82	59.5	46.3	69.5
119	31.8	25.7	38.5



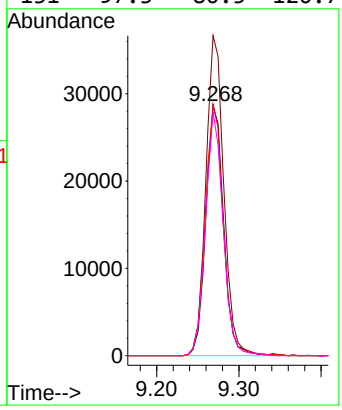


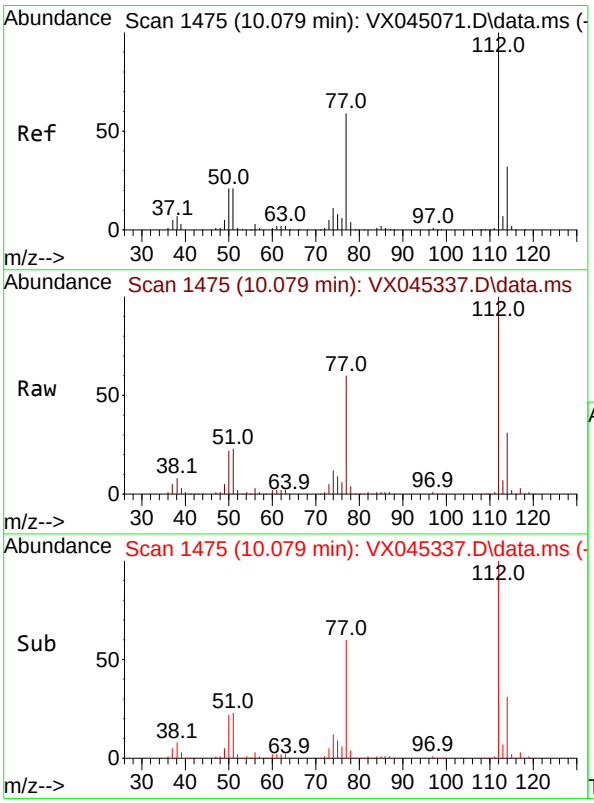
#64
Tetrachloroethene
Concen: 50.706 ug/l
RT: 9.268 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

Tgt Ion:164 Resp: 43215

Ion	Ratio	Lower	Upper
164	100		
166	128.0	103.6	155.4
129	100.6	82.7	124.1
131	97.3	80.5	120.7

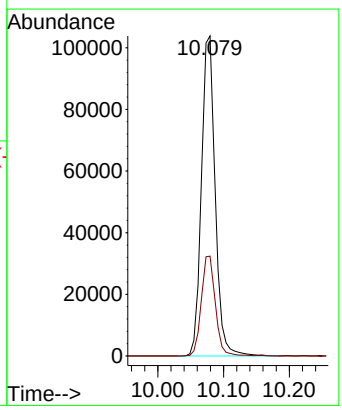


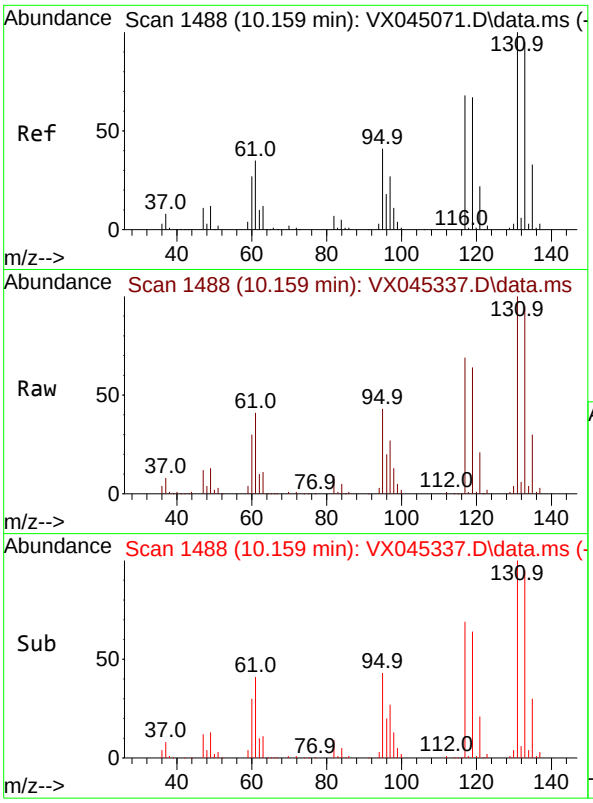


#65
Chlorobenzene
Concen: 53.694 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion:112 Resp: 151190

Ion	Ratio	Lower	Upper
112	100		
114	31.2	26.0	39.0



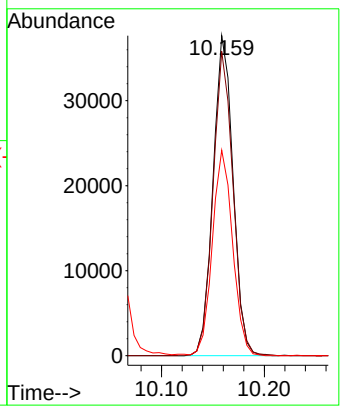


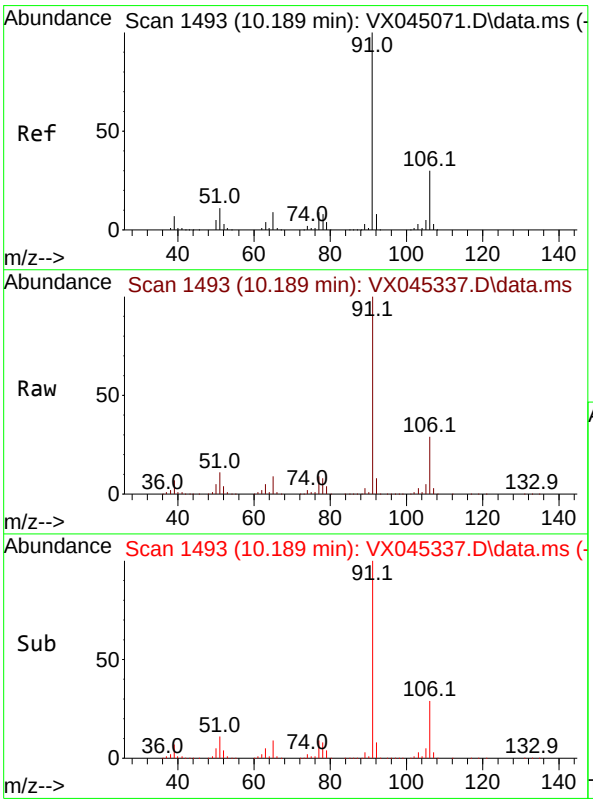
#66
1,1,1,2-Tetrachloroethane
Concen: 54.175 ug/l
RT: 10.159 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

Tgt Ion:131 Resp: 50801

Ion	Ratio	Lower	Upper
131	100		
133	95.1	48.6	145.9
119	65.3	33.9	101.7

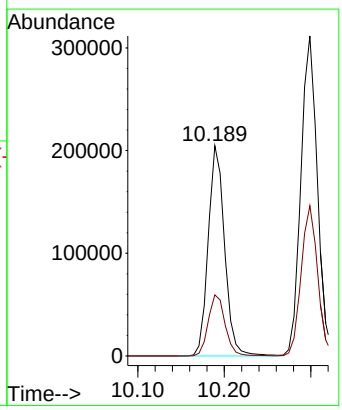


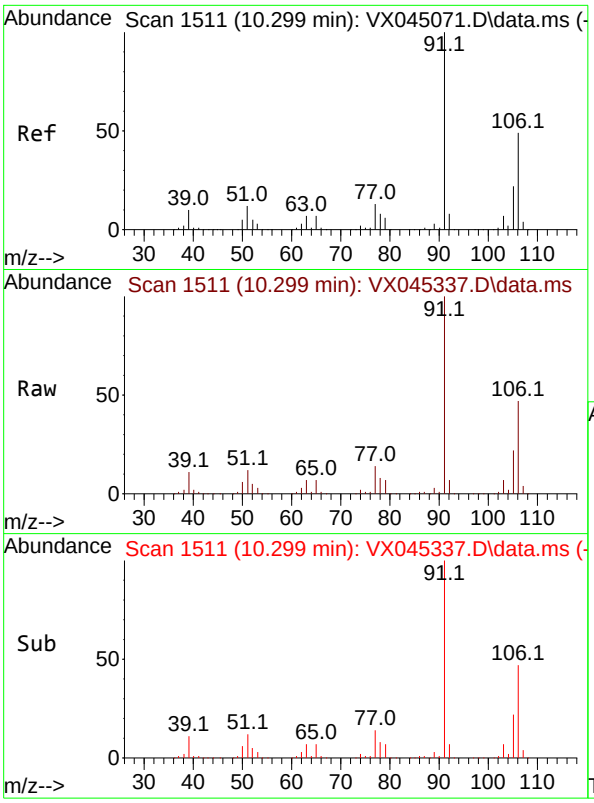


#67
Ethyl Benzene
Concen: 54.878 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 91 Resp: 269251

Ion	Ratio	Lower	Upper
91	100		
106	29.1	23.9	35.9



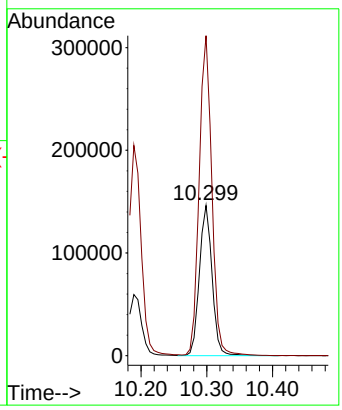


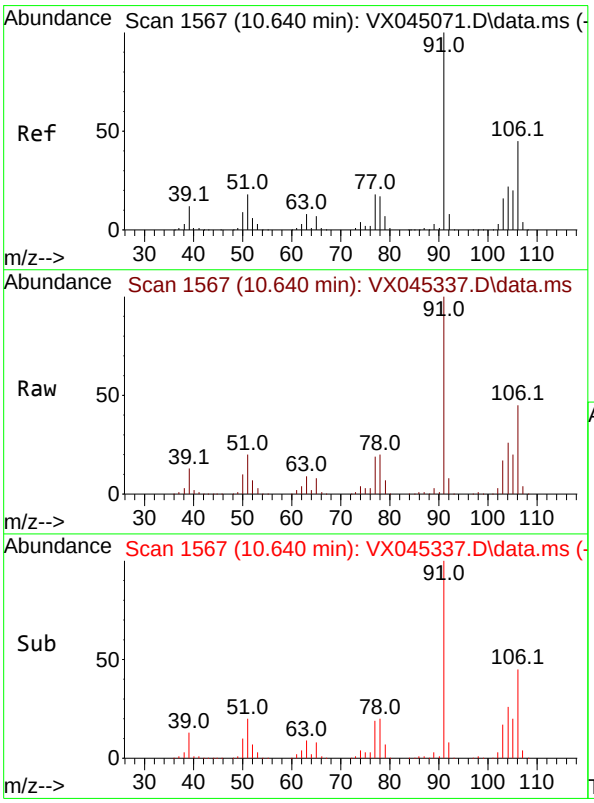
#68
m/p-Xylenes
Concen: 108.967 ug/l
RT: 10.299 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

Tgt Ion:106 Resp: 195714

Ion	Ratio	Lower	Upper
106	100		
91	213.4	165.4	248.0

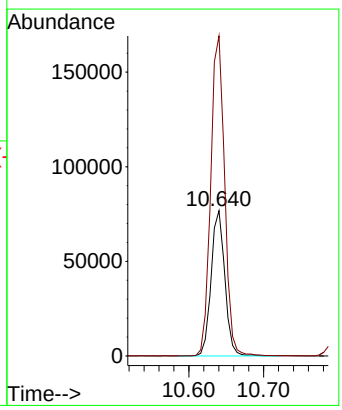


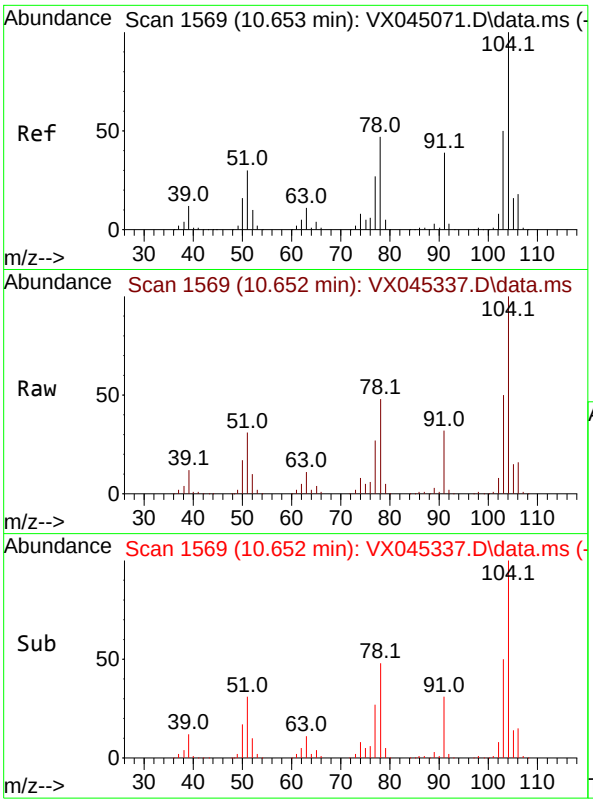


#69
o-Xylene
Concen: 54.248 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion:106 Resp: 98268

Ion	Ratio	Lower	Upper
106	100		
91	223.4	109.9	329.6



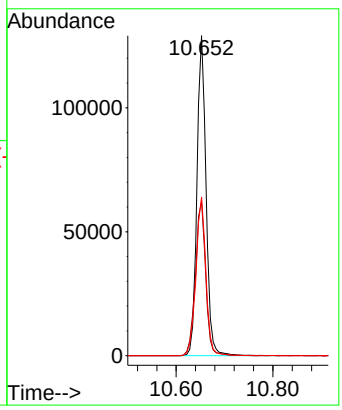


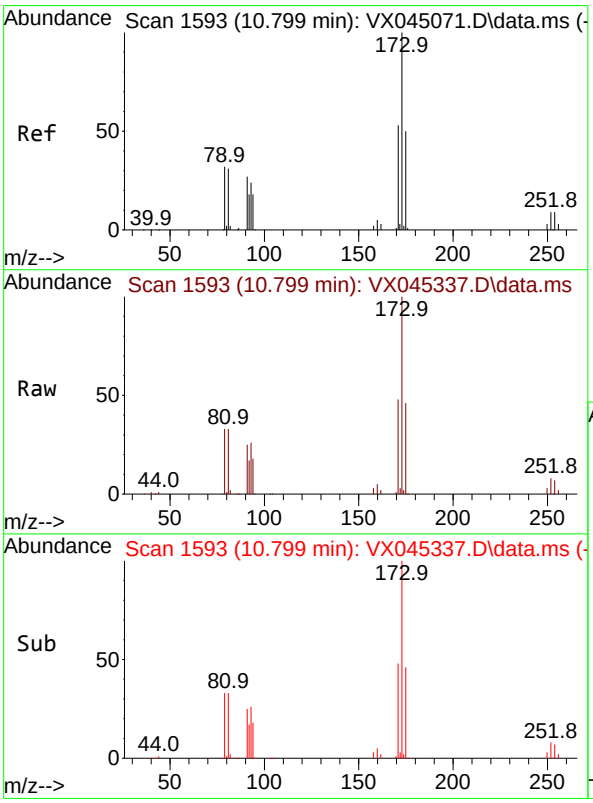
#70
Styrene
Concen: 57.429 ug/l
RT: 10.652 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

Tgt Ion:104 Resp: 168327

Ion	Ratio	Lower	Upper
104	100		
78	54.5	42.2	63.4
103	54.3	43.8	65.8

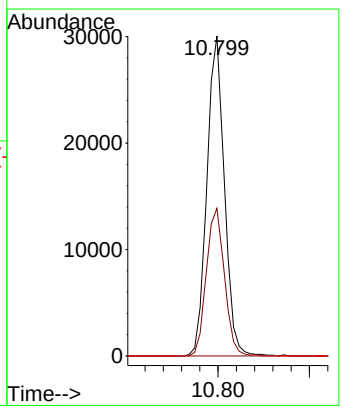


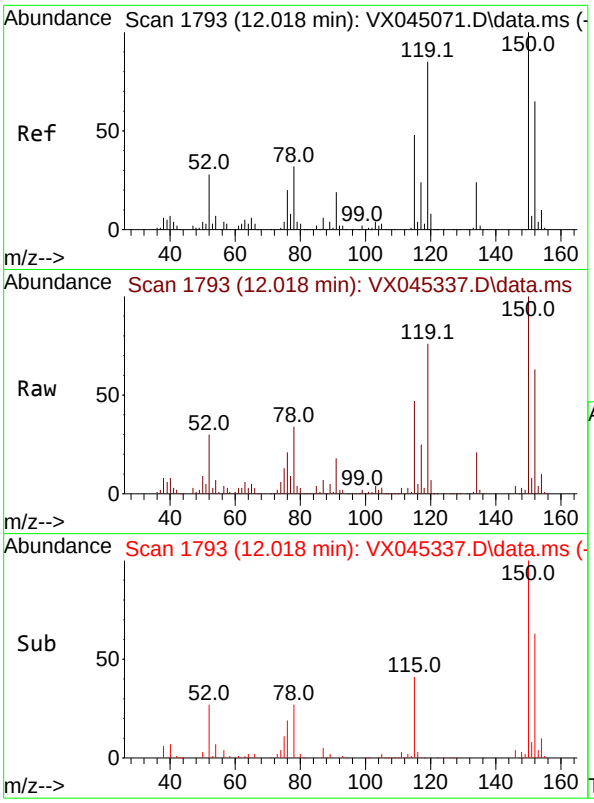


#71
Bromoform
Concen: 56.346 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion:173 Resp: 39843

Ion	Ratio	Lower	Upper
173	100		
175	47.7	24.6	73.6
254	0.0	0.0	0.0



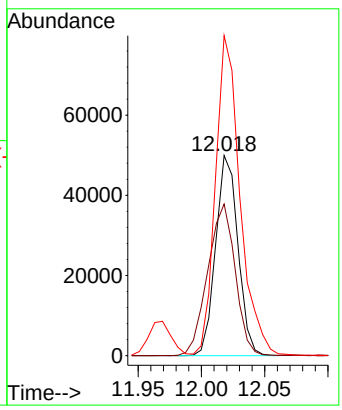


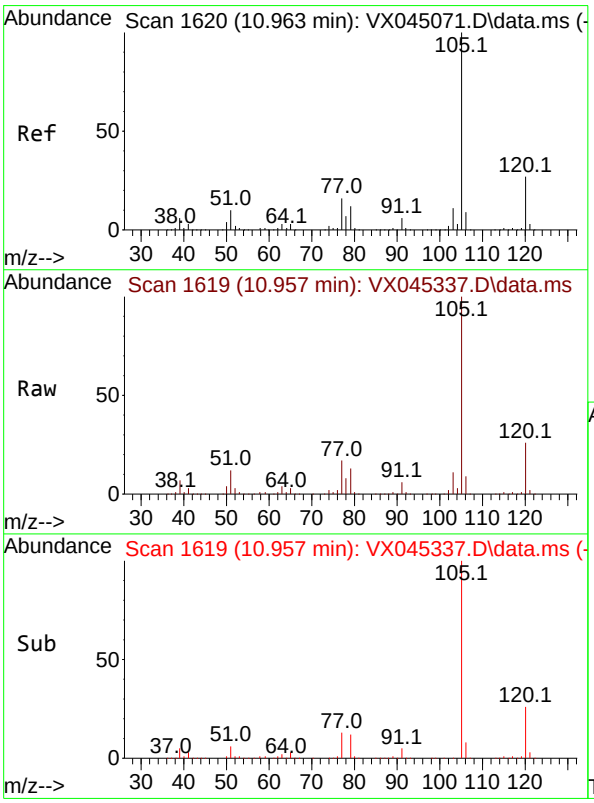
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

Tgt Ion:152 Resp: 61175

Ion	Ratio	Lower	Upper
152	100		
115	93.5	44.2	132.6
150	175.9	0.0	349.0

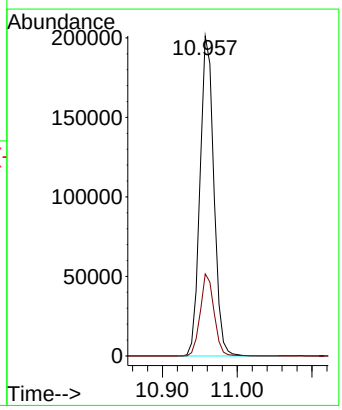


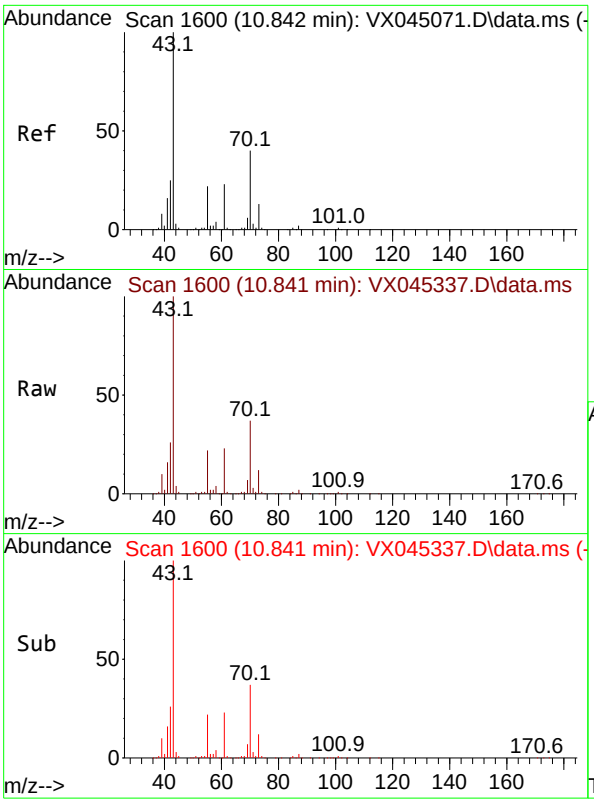


#73
Isopropylbenzene
Concen: 54.130 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion:105 Resp: 258465

Ion	Ratio	Lower	Upper
105	100		
120	25.6	13.2	39.5



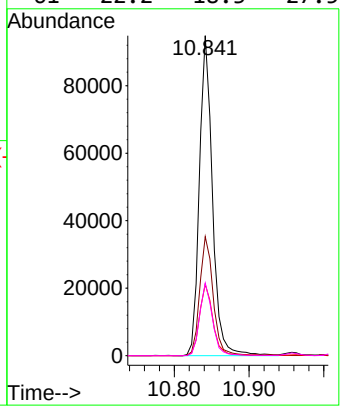


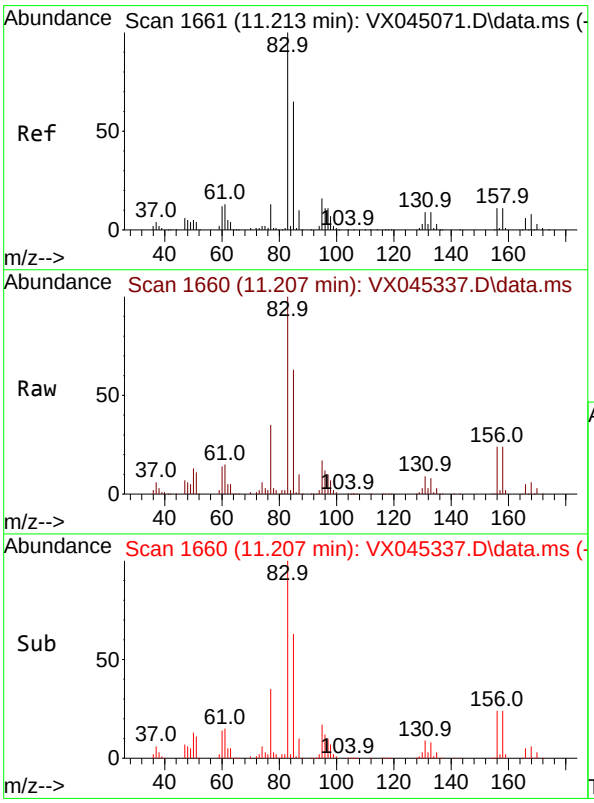
#74
N-amyl acetate
Concen: 51.505 ug/l
RT: 10.841 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

Tgt Ion: 43 Resp: 115398

Ion	Ratio	Lower	Upper
43	100		
70	38.3	31.8	47.6
55	23.0	18.3	27.5
61	22.2	18.3	27.5

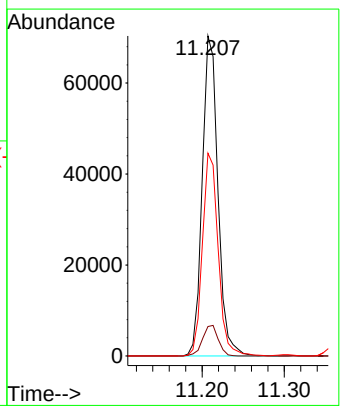


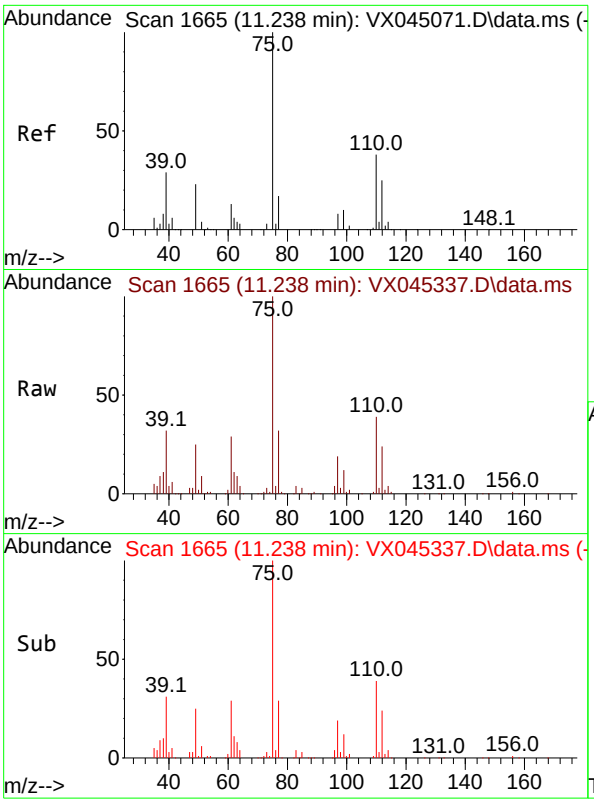


#75
1,1,2,2-Tetrachloroethane
Concen: 53.154 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 83 Resp: 93136

Ion	Ratio	Lower	Upper
83	100		
131	9.6	4.5	13.4
85	63.7	31.7	95.1



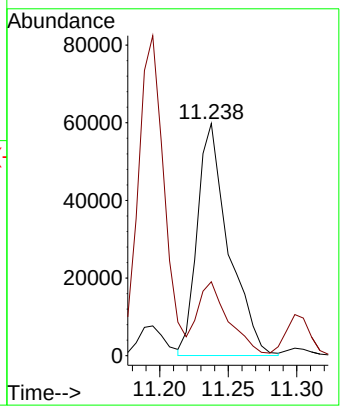


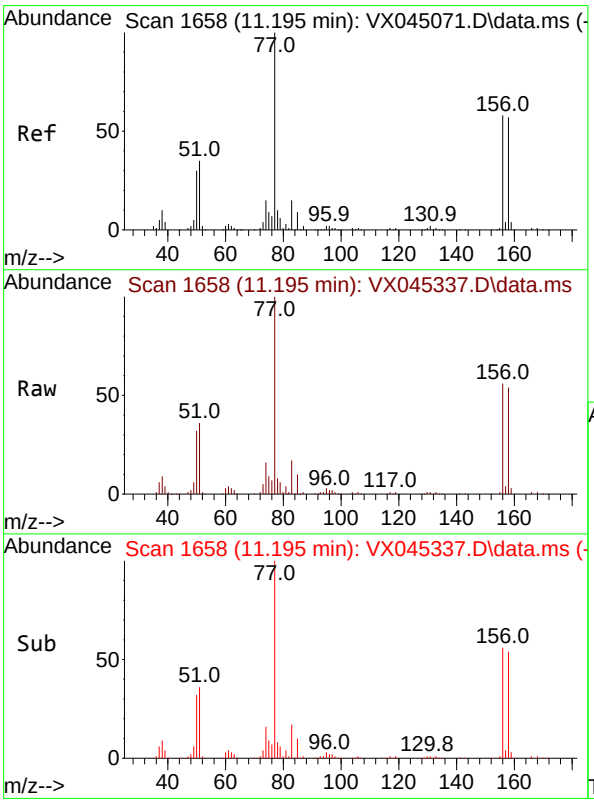
#76
1,2,3-Trichloropropane
Concen: 66.755 ug/l
RT: 11.238 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

Tgt Ion: 75 Resp: 95050

Ion	Ratio	Lower	Upper
75	100		
77	31.7	20.7	62.1

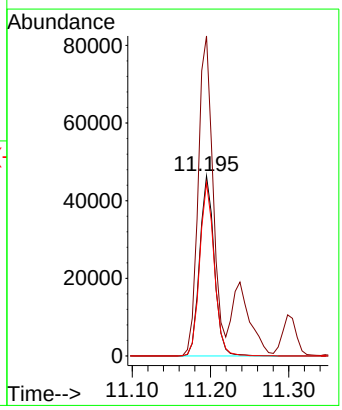


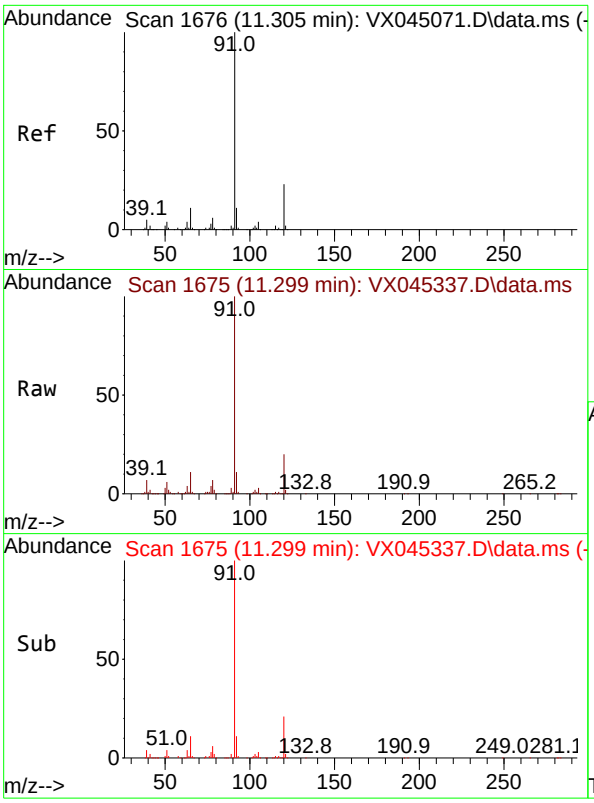


#77
Bromobenzene
Concen: 52.979 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion:156 Resp: 59686

Ion	Ratio	Lower	Upper
156	100		
77	181.4	85.8	257.4
158	96.4	48.4	145.2



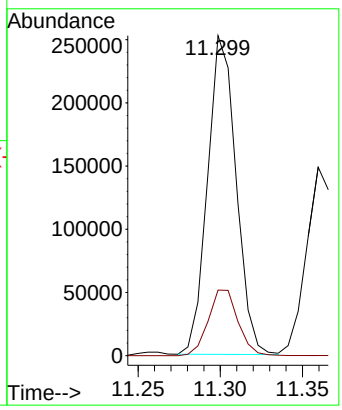


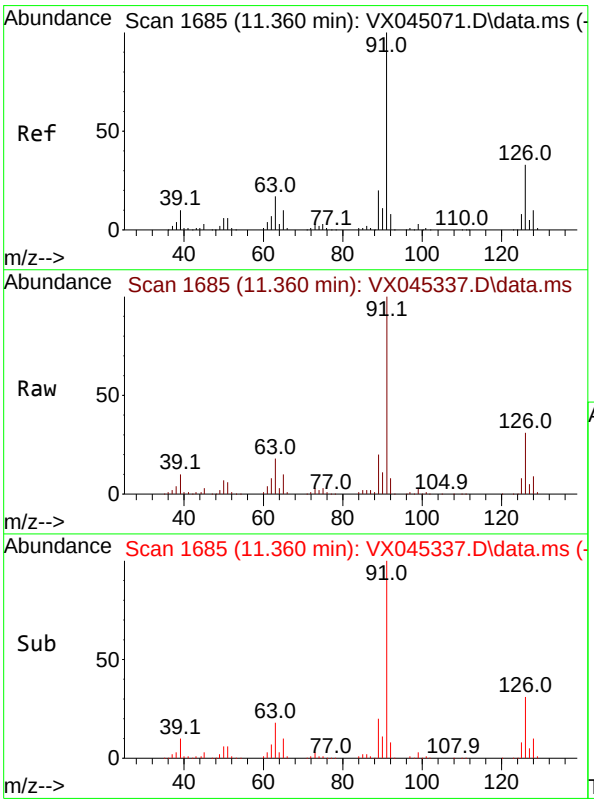
#78
n-propylbenzene
Concen: 56.452 ug/l
RT: 11.299 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

Tgt Ion: 91 Resp: 304493

Ion	Ratio	Lower	Upper
91	100		
120	21.5	11.2	33.6

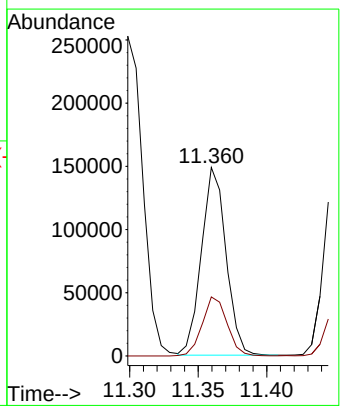


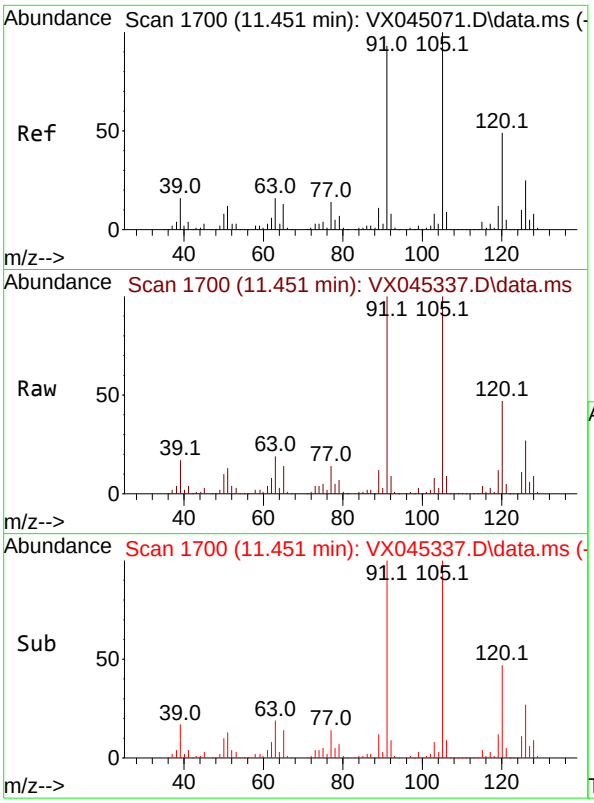


#79
2-Chlorotoluene
Concen: 54.133 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 91 Resp: 185955

Ion	Ratio	Lower	Upper
91	100		
126	31.8	16.4	49.4



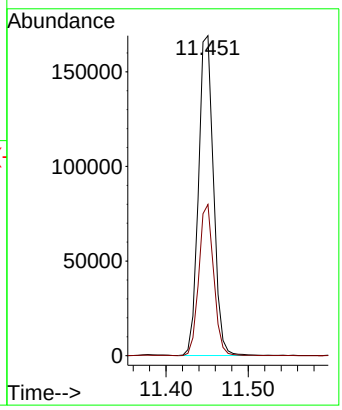


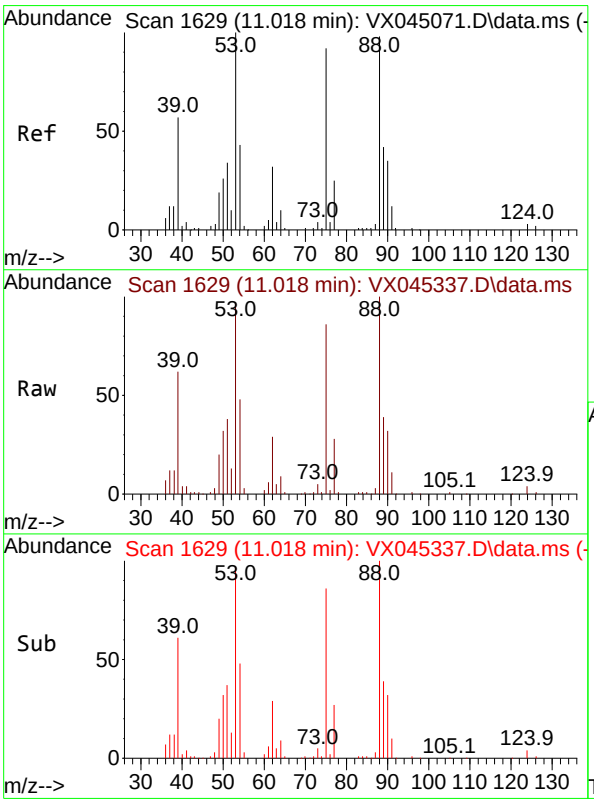
#80
1,3,5-Trimethylbenzene
Concen: 55.591 ug/l
RT: 11.451 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

Tgt Ion:105 Resp: 214628

Ion	Ratio	Lower	Upper
105	100		
120	46.7	24.1	72.2

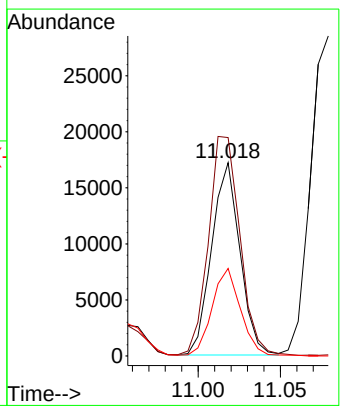


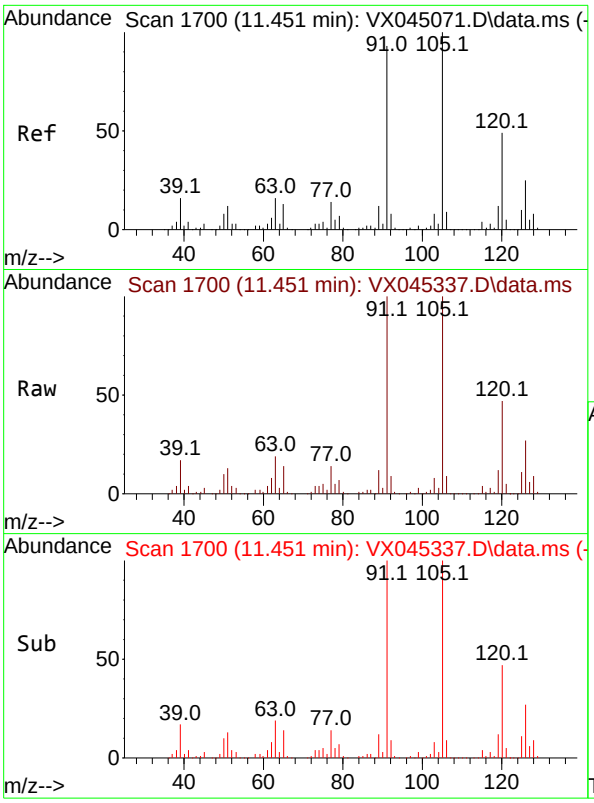


#81
trans-1,4-Dichloro-2-butene
Concen: 49.401 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 75 Resp: 20554

Ion	Ratio	Lower	Upper
75	100		
53	126.1	88.5	132.7
89	46.0	36.2	54.4



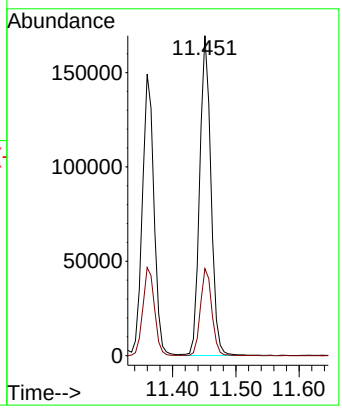


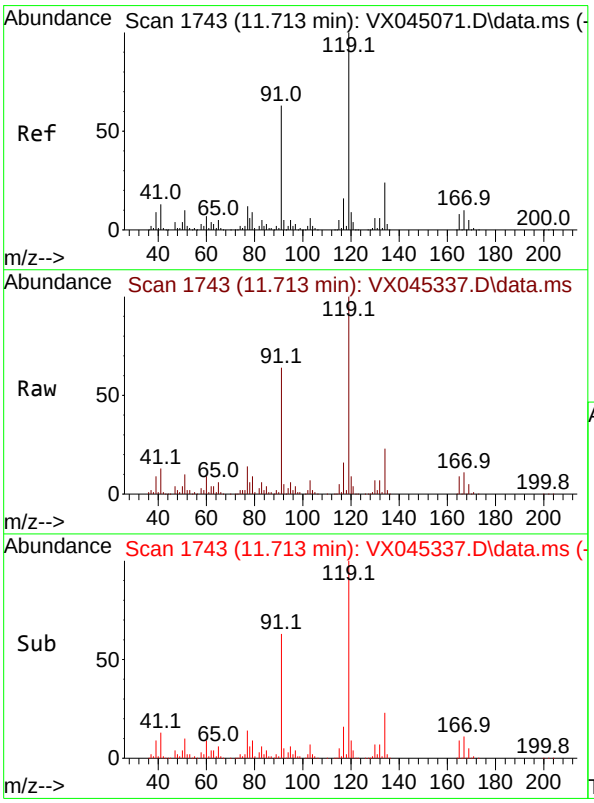
#82
4-Chlorotoluene
Concen: 56.171 ug/l
RT: 11.451 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

Tgt Ion: 91 Resp: 210296

Ion	Ratio	Lower	Upper
91	100		
126	27.6	14.1	42.4

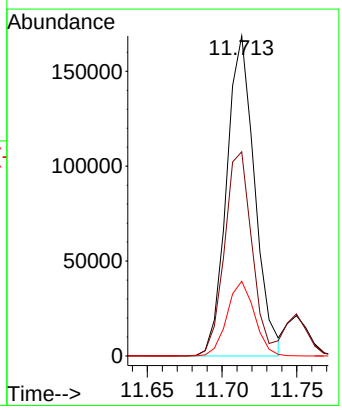


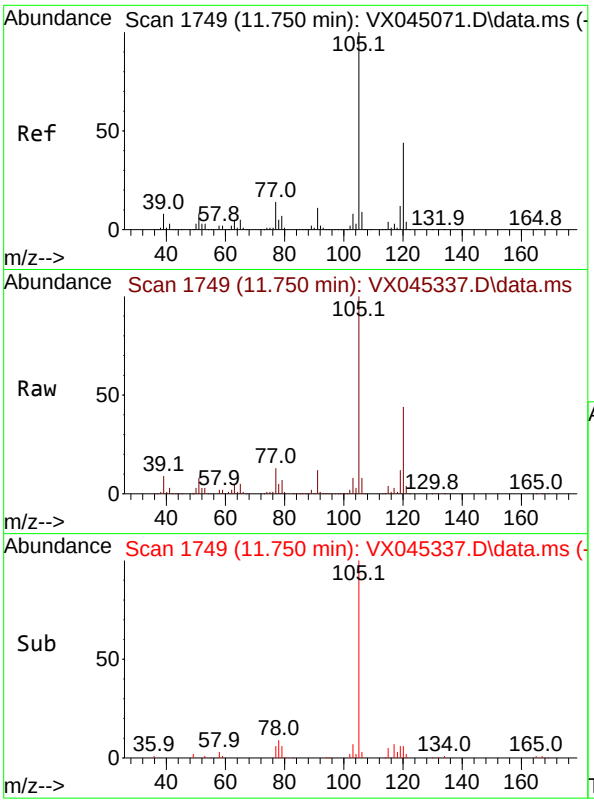


#83
tert-Butylbenzene
Concen: 55.404 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion:119 Resp: 219782

Ion	Ratio	Lower	Upper
119	100		
91	62.2	30.7	92.1
134	22.8	11.7	35.0



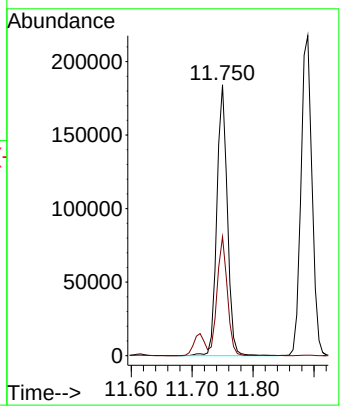


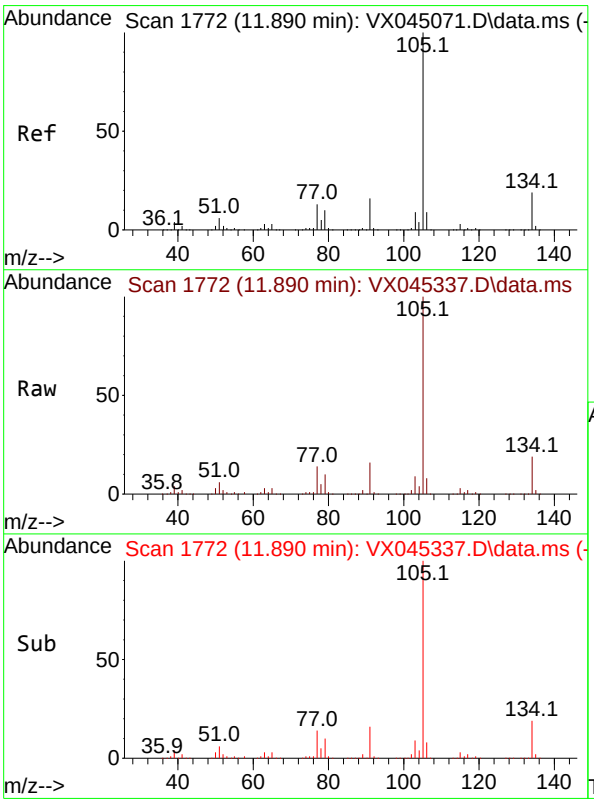
#84
1,2,4-Trimethylbenzene
Concen: 56.470 ug/l
RT: 11.750 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

Tgt Ion:105 Resp: 219375

Ion	Ratio	Lower	Upper
105	100		
120	43.1	22.1	66.1

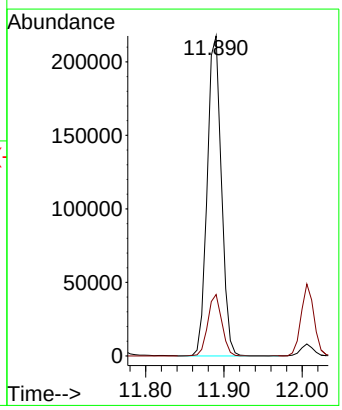


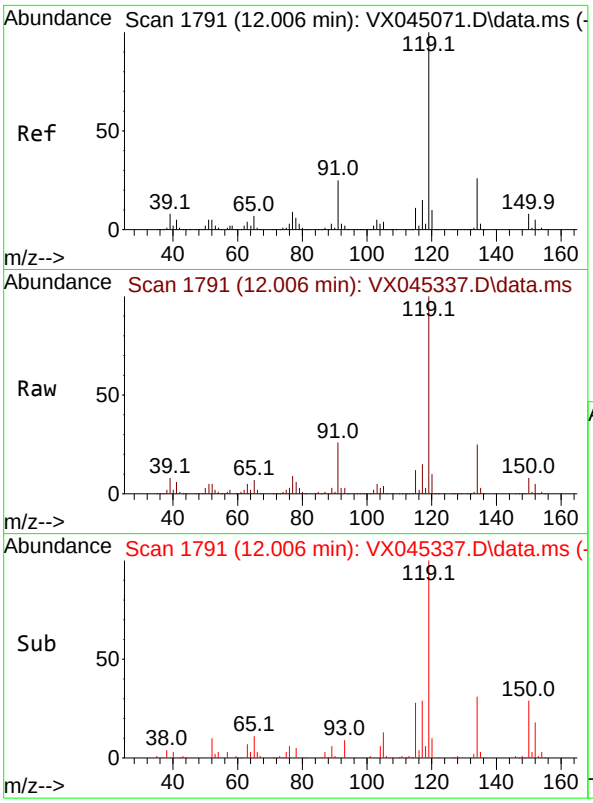


#85
sec-Butylbenzene
Concen: 57.458 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion:105 Resp: 273035

Ion	Ratio	Lower	Upper
105	100		
134	19.0	9.8	29.4



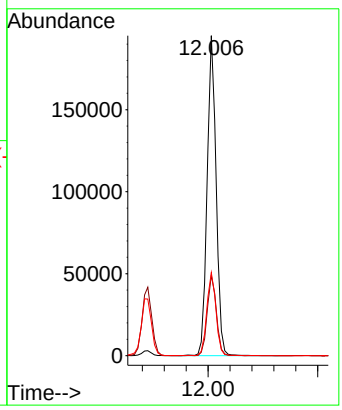


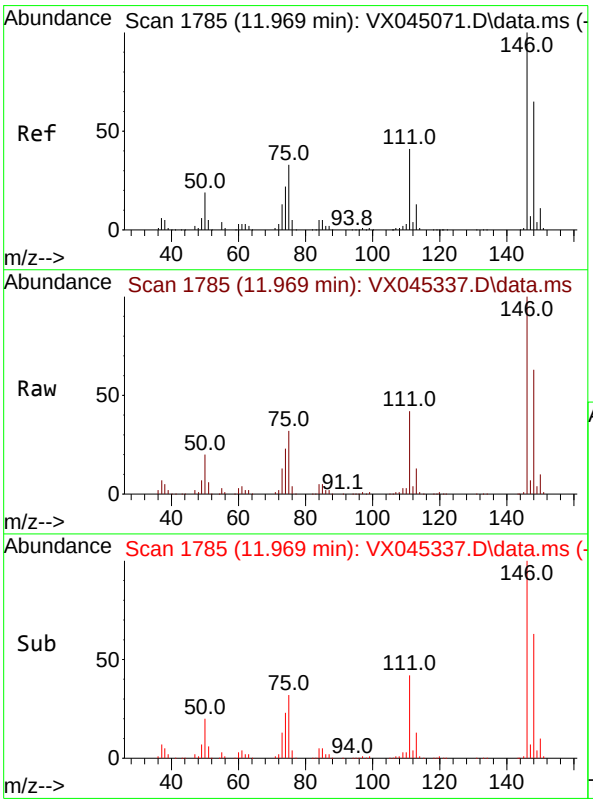
#86
p-Isopropyltoluene
Concen: 57.448 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

Tgt Ion:119 Resp: 220610

Ion	Ratio	Lower	Upper
119	100		
134	25.5	12.9	38.6
91	26.5	12.7	38.0

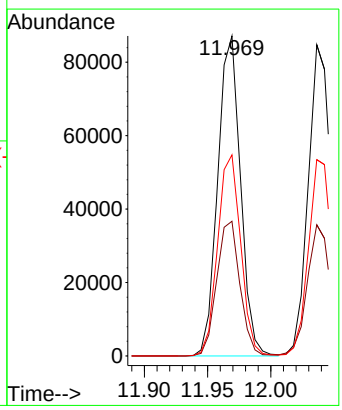


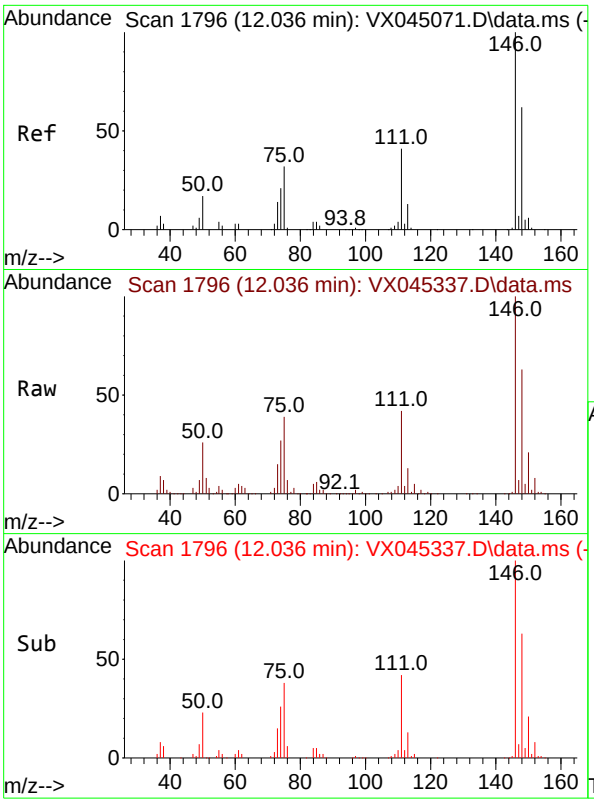


#87
1,3-Dichlorobenzene
Concen: 54.228 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion:146 Resp: 108987

Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.1	63.4
148	63.8	31.9	95.7



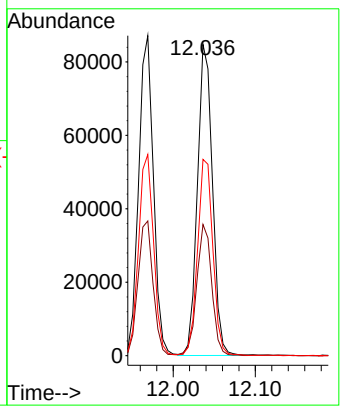


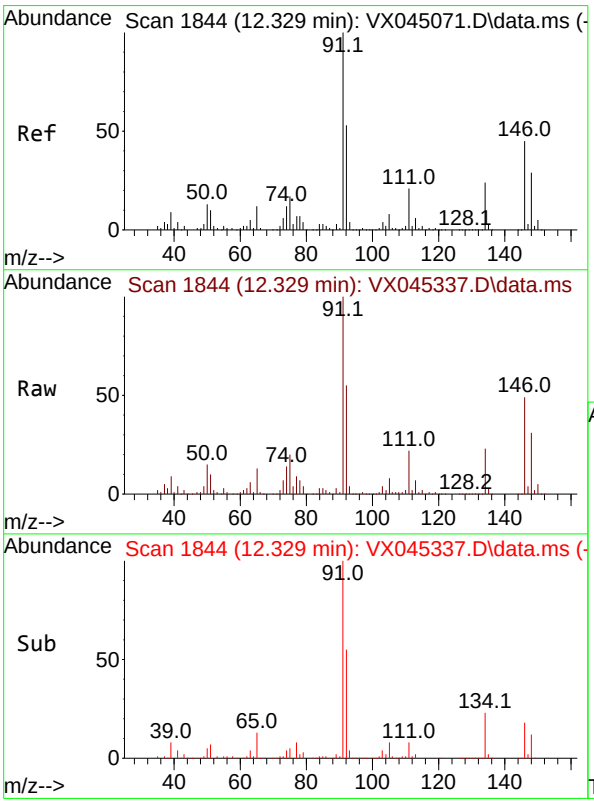
#88
1,4-Dichlorobenzene
Concen: 53.071 ug/l
RT: 12.036 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

Tgt Ion:146 Resp: 107910

Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.2	60.5
148	64.0	31.9	95.9

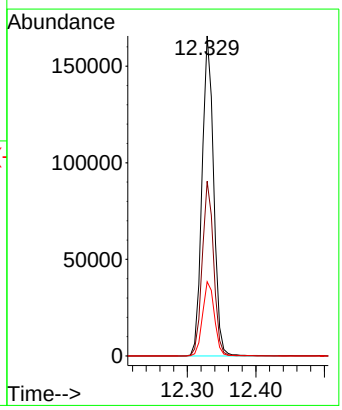


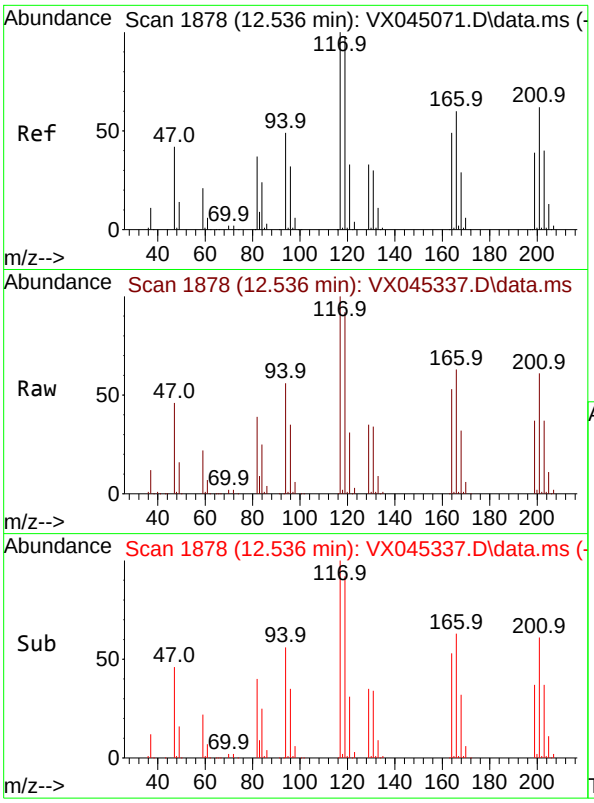


#89
n-Butylbenzene
Concen: 59.190 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion: 91 Resp: 195767

Ion	Ratio	Lower	Upper
91	100		
92	53.7	26.7	80.0
134	23.7	12.2	36.6



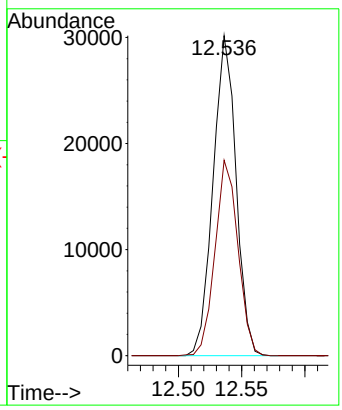


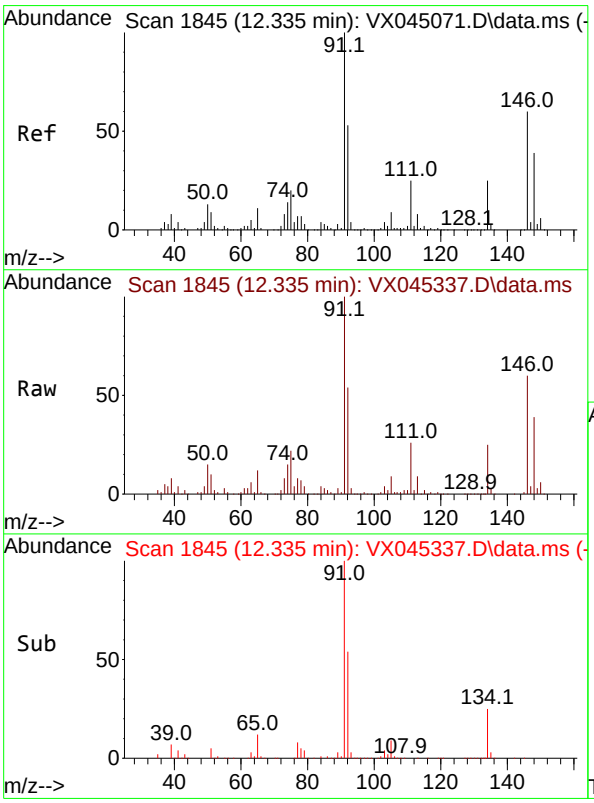
#90
Hexachloroethane
Concen: 54.732 ug/l
RT: 12.536 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

Tgt Ion:117 Resp: 38017

Ion	Ratio	Lower	Upper
117	100		
201	61.1	31.9	95.9

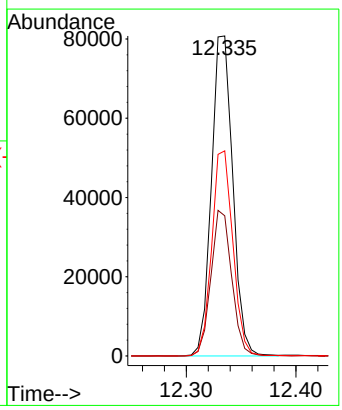


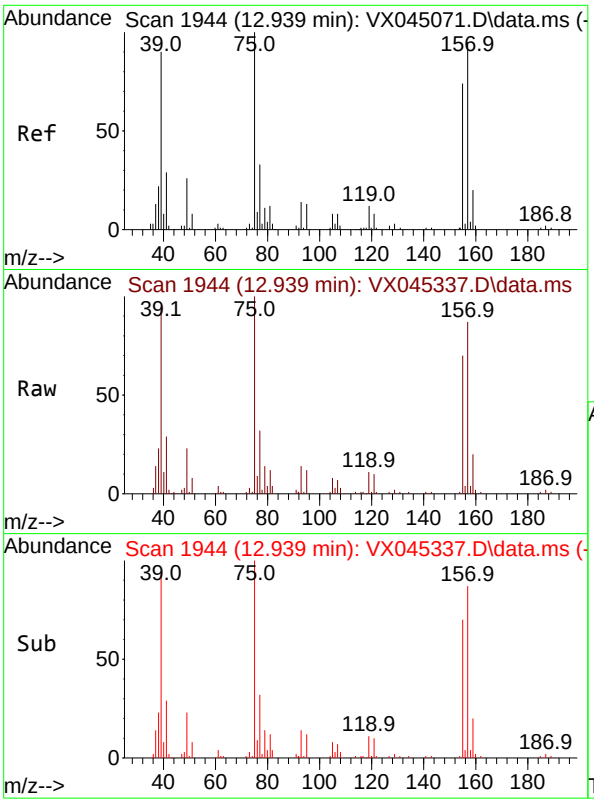


#91
1,2-Dichlorobenzene
Concen: 54.249 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion:146 Resp: 109371

Ion	Ratio	Lower	Upper
146	100		
111	44.3	21.6	65.0
148	63.7	31.9	95.9



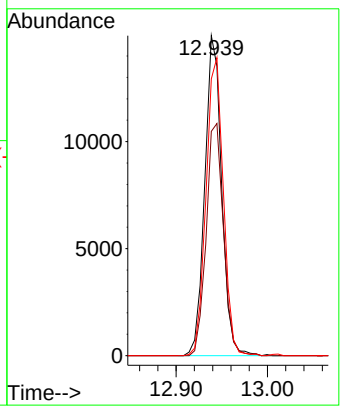


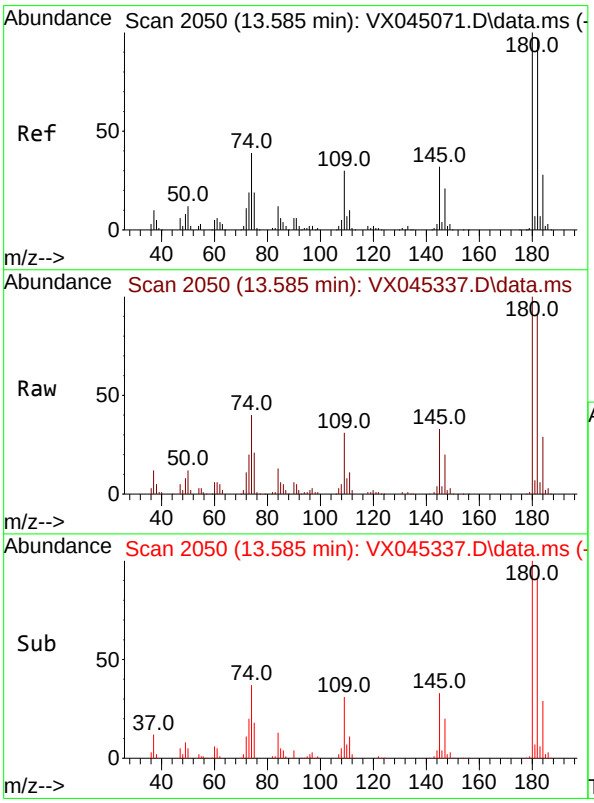
#92
1,2-Dibromo-3-Chloropropane
Concen: 55.988 ug/l
RT: 12.939 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

Tgt Ion: 75 Resp: 19112

Ion	Ratio	Lower	Upper
75	100		
155	74.4	39.6	118.7
157	95.3	51.1	153.4

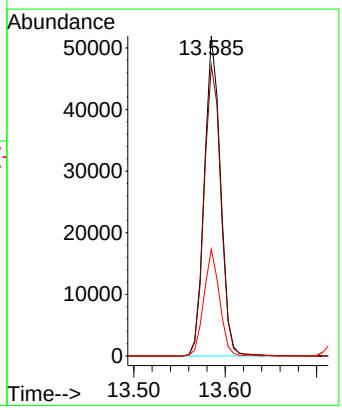


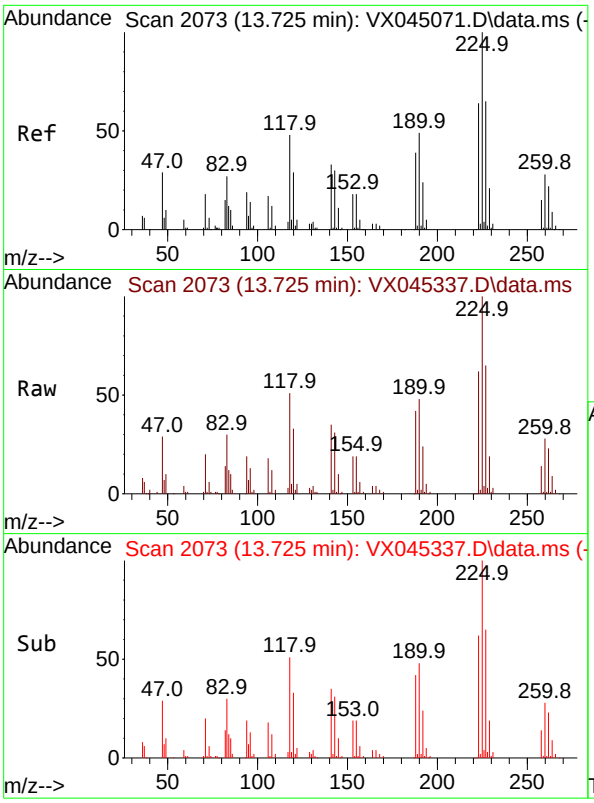


#93
1,2,4-Trichlorobenzene
Concen: 55.334 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion:180 Resp: 63523

Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.3	141.9
145	32.3	16.3	48.9



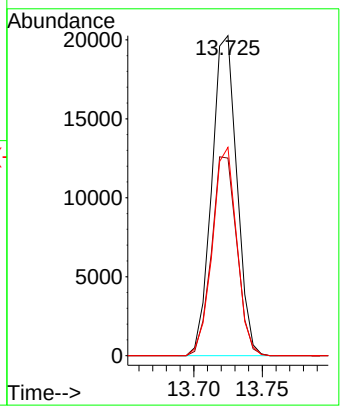


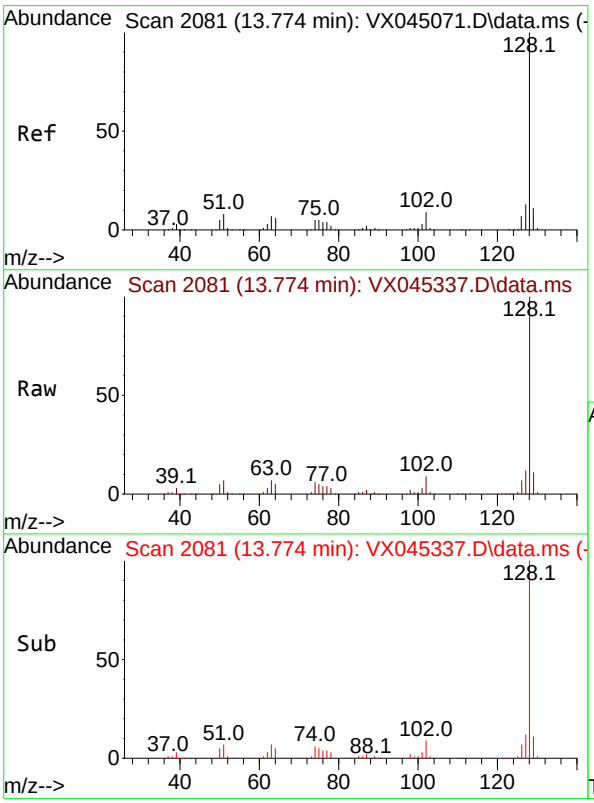
#94
Hexachlorobutadiene
Concen: 54.828 ug/l
RT: 13.725 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

Tgt Ion:225 Resp: 25805

Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.9	95.7
227	63.0	31.4	94.0

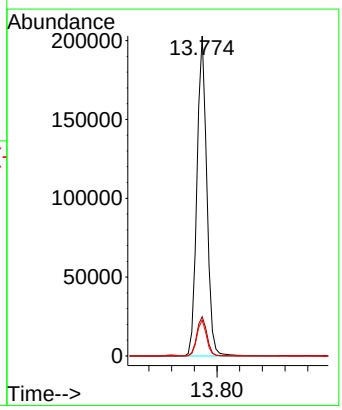


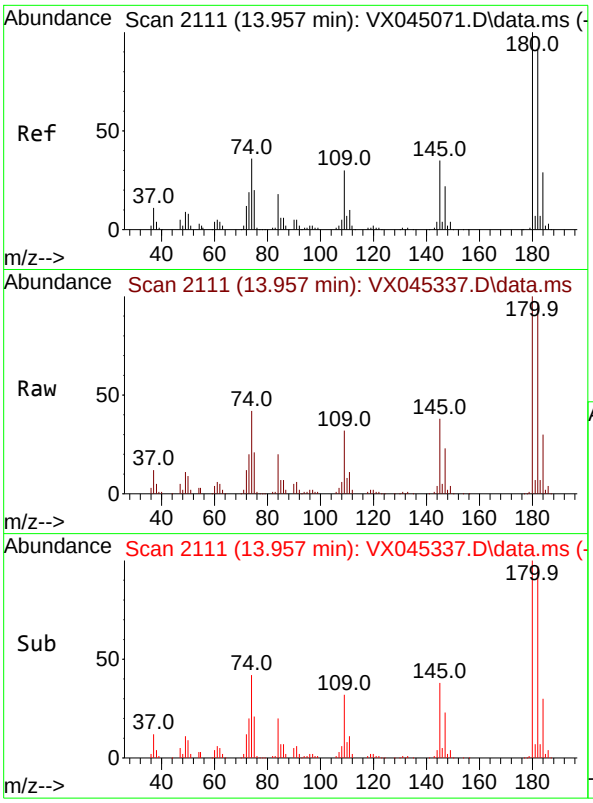


#95
Naphthalene
Concen: 55.453 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Tgt Ion:128 Resp: 244582

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.3	15.5
129	10.9	8.7	13.1



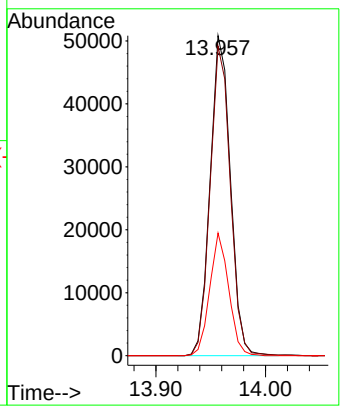


#96
1,2,3-Trichlorobenzene
Concen: 54.025 ug/l
RT: 13.957 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX045337.D
Acq: 18 Mar 2025 19:53

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MSD

Tgt Ion:180 Resp: 65428

Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.5	142.6
145	35.8	17.0	50.9



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045338.D
Acq On : 18 Mar 2025 20:16
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Mar 19 01:51:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	84125	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	150662	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	128192	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	57337	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81893	61.200	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 122.400%			
35) Dibromofluoromethane	5.379	113	59737	59.296	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 118.600%			
50) Toluene-d8	8.647	98	210146	57.538	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 115.080%#			
62) 4-Bromofluorobenzene	11.079	95	72166	59.628	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 119.260%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	51601	48.729	ug/l	98
3) Chloromethane	1.301	50	56752	43.793	ug/l	99
4) Vinyl Chloride	1.374	62	58243	45.305	ug/l	98
5) Bromomethane	1.593	94	25260	49.983	ug/l	99
6) Chloroethane	1.660	64	26646	44.936	ug/l	95
7) Trichlorofluoromethane	1.868	101	86733	50.964	ug/l	100
8) Diethyl Ether	2.136	74	31915	47.945	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	56075	57.352	ug/l	99
10) Methyl Iodide	2.441	142	65943	53.969	ug/l	97
11) Tert butyl alcohol	2.989	59	53027	209.210	ug/l	99
12) 1,1-Dichloroethene	2.307	96	54237	52.468	ug/l	93
13) Acrolein	2.239	56	73442	250.658	ug/l	100
14) Allyl chloride	2.654	41	102455	55.680	ug/l	95
15) Acrylonitrile	3.069	53	176272	259.486	ug/l	99
16) Acetone	2.386	43	158918	255.968	ug/l	97
17) Carbon Disulfide	2.502	76	115773	42.049	ug/l	97
18) Methyl Acetate	2.703	43	100760	67.463	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	197477	56.941	ug/l	97
20) Methylene Chloride	2.782	84	64105	52.125	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	54820	53.680	ug/l	94
22) Diisopropyl ether	3.764	45	212818	56.869	ug/l	98
23) Vinyl Acetate	3.721	43	883964	283.056	ug/l	99
24) 1,1-Dichloroethane	3.605	63	118316	56.414	ug/l	98
25) 2-Butanone	4.562	43	247851	265.213	ug/l	97
26) 2,2-Dichloropropane	4.471	77	72453	73.651	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	69546	55.166	ug/l	95
28) Bromochloromethane	4.891	49	55167	55.186	ug/l	98
29) Tetrahydrofuran	5.001	42	159660	254.403	ug/l	99
30) Chloroform	5.087	83	119558	57.373	ug/l	100
31) Cyclohexane	5.458	56	94154	51.717	ug/l	93
32) 1,1,1-Trichloroethane	5.373	97	98999	58.821	ug/l	98
36) 1,1-Dichloropropene	5.684	75	75043	54.316	ug/l	98
37) Ethyl Acetate	4.709	43	94554	53.112	ug/l	99
38) Carbon Tetrachloride	5.666	117	80339	57.276	ug/l	98
39) Methylcyclohexane	7.373	83	92874	56.101	ug/l	99
40) Benzene	6.031	78	237509	54.440	ug/l	100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045338.D
Acq On : 18 Mar 2025 20:16
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Mar 19 01:51:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	53326	55.396	ug/l		96
42) 1,2-Dichloroethane	6.080	62	94116	59.907	ug/l		98
43) Isopropyl Acetate	6.342	43	150519	57.177	ug/l		99
44) Trichloroethene	7.123	130	55524	54.201	ug/l		99
45) 1,2-Dichloropropane	7.428	63	62993	56.158	ug/l		99
46) Dibromomethane	7.574	93	45001	56.759	ug/l		98
47) Bromodichloromethane	7.818	83	90721	58.336	ug/l		98
48) Methyl methacrylate	7.690	41	76591	57.992	ug/l		95
49) 1,4-Dioxane	7.665	88	25756	924.511	ug/l		95
51) 4-Methyl-2-Pentanone	8.574	43	490226	277.341	ug/l		100
52) Toluene	8.714	92	143688	56.134	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	78792	60.605	ug/l		98
54) cis-1,3-Dichloropropene	8.360	75	90501	59.696	ug/l		92
55) 1,1,2-Trichloroethane	9.147	97	58012	55.051	ug/l		98
56) Ethyl methacrylate	9.116	69	94019	58.695	ug/l		95
57) 1,3-Dichloropropane	9.305	76	101382	55.593	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	245641	314.370	ug/l		100
59) 2-Hexanone	9.427	43	355832	277.843	ug/l		99
60) Dibromochloromethane	9.519	129	62295	56.538	ug/l		98
61) 1,2-Dibromoethane	9.604	107	58284	55.404	ug/l		100
64) Tetrachloroethene	9.269	164	46080	56.125	ug/l		97
65) Chlorobenzene	10.080	112	150788	55.590	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	50844	56.285	ug/l		99
67) Ethyl Benzene	10.189	91	273984	57.969	ug/l		100
68) m/p-Xylenes	10.299	106	199139	115.095	ug/l		97
69) o-Xylene	10.640	106	97145	55.670	ug/l		97
70) Styrene	10.653	104	163347	57.851	ug/l		98
71) Bromoform	10.799	173	38046	55.853	ug/l	#	99
73) Isopropylbenzene	10.957	105	257226	57.476	ug/l		99
74) N-amyl acetate	10.842	43	124071	59.082	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	89804	54.683	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	92499	69.312	ug/l		85
77) Bromobenzene	11.195	156	58108	55.031	ug/l		96
78) n-propylbenzene	11.299	91	297988	58.944	ug/l		98
79) 2-Chlorotoluene	11.360	91	178182	55.342	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	210225	58.095	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.018	75	21020	53.903	ug/l		87
82) 4-Chlorotoluene	11.451	91	204674	58.329	ug/l		99
83) tert-Butylbenzene	11.713	119	211957	57.007	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	211733	58.152	ug/l		100
85) sec-Butylbenzene	11.890	105	266604	59.861	ug/l		99
86) p-Isopropyltoluene	12.006	119	216728	60.215	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	105903	56.221	ug/l		100
88) 1,4-Dichlorobenzene	12.036	146	105860	55.548	ug/l		98
89) n-Butylbenzene	12.329	91	193200	62.324	ug/l		100
90) Hexachloroethane	12.536	117	36208	55.617	ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	108332	57.330	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	18967	59.282	ug/l		91
93) 1,2,4-Trichlorobenzene	13.585	180	63837	59.330	ug/l		99
94) Hexachlorobutadiene	13.725	225	25788	58.460	ug/l		97
95) Naphthalene	13.774	128	242871	58.751	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	67333	59.320	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045338.D
Acq On : 18 Mar 2025 20:16
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Mar 19 01:51:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

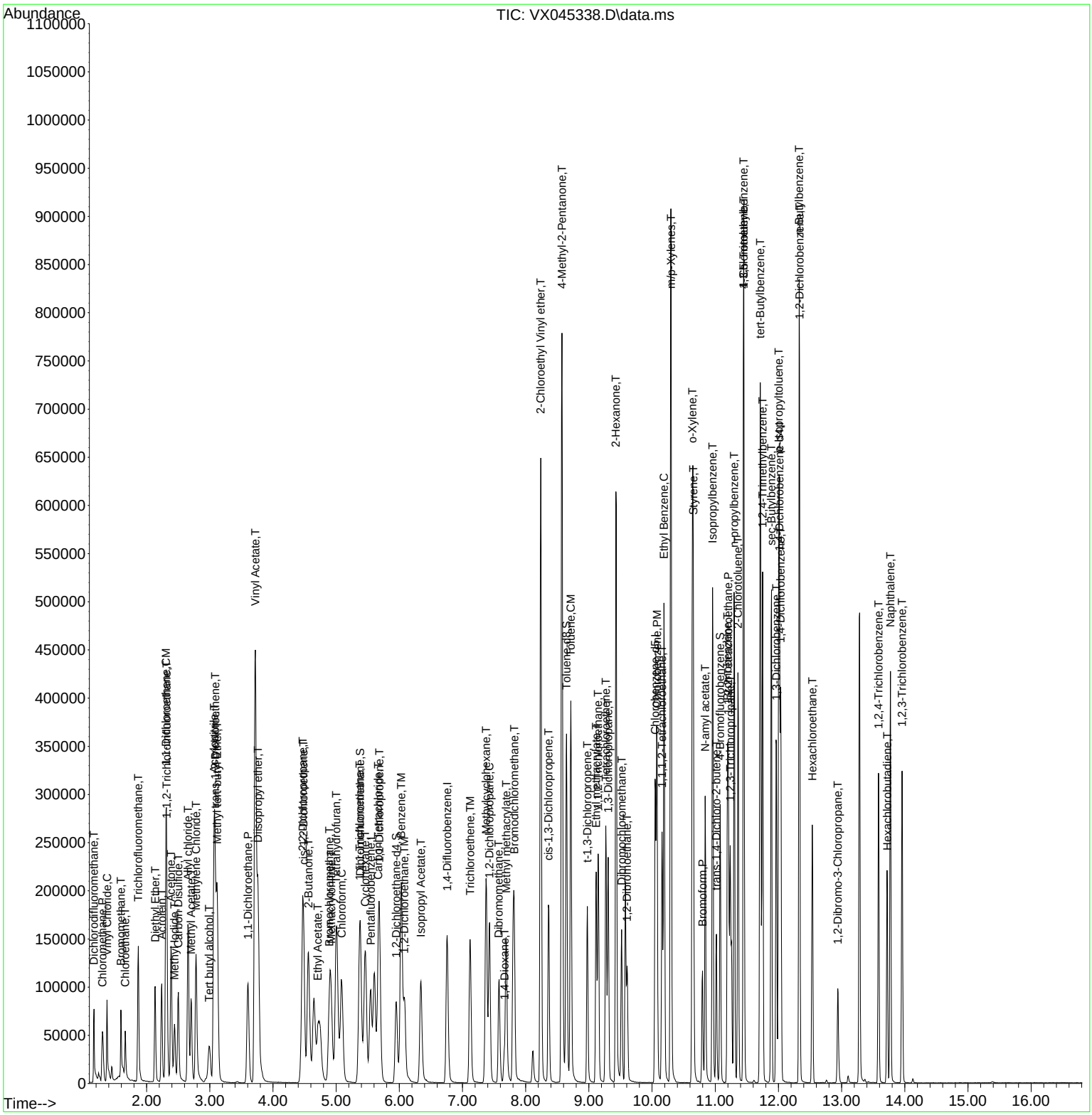
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

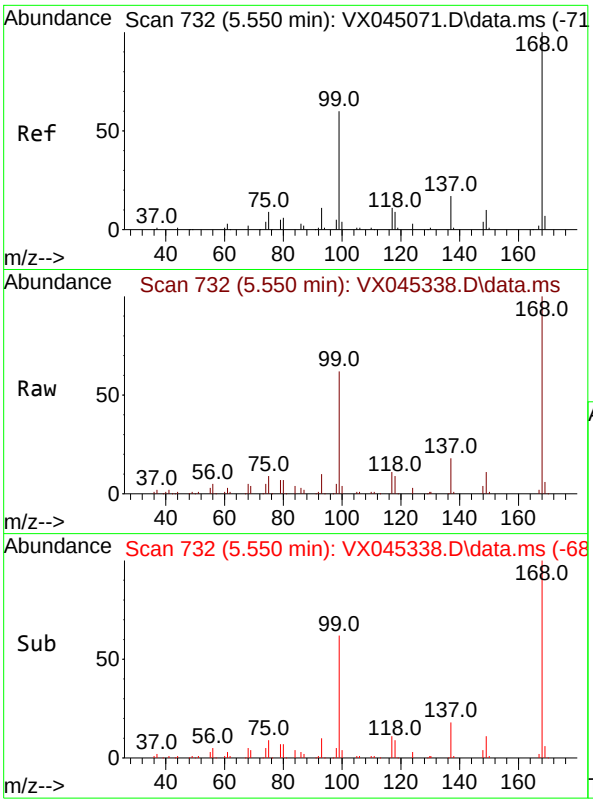
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045338.D
Acq On : 18 Mar 2025 20:16
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Mar 19 01:51:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration



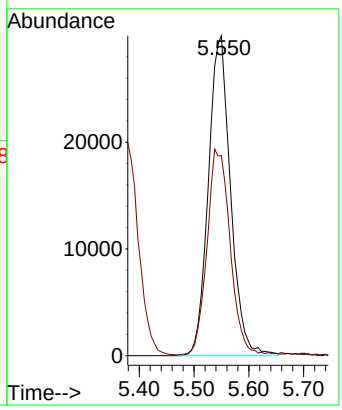


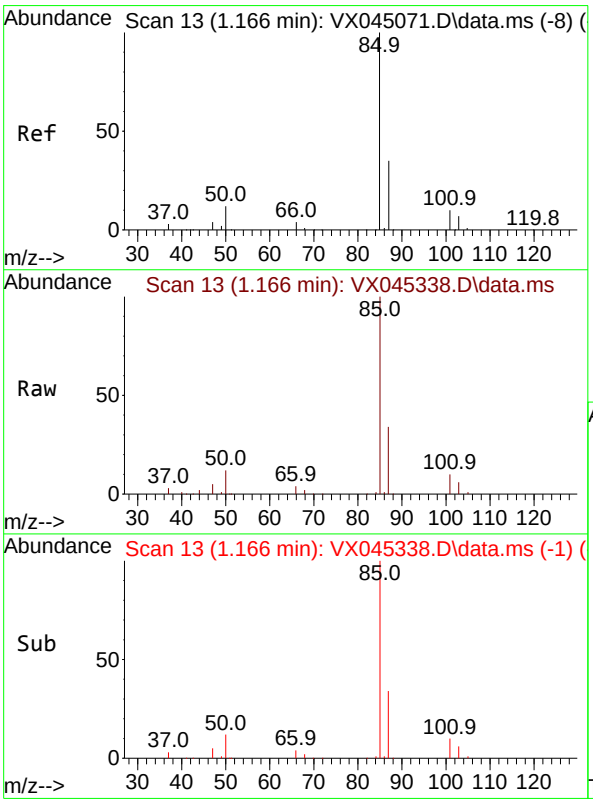
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 84125

Ion	Ratio	Lower	Upper
168	100		
99	62.3	48.2	72.4

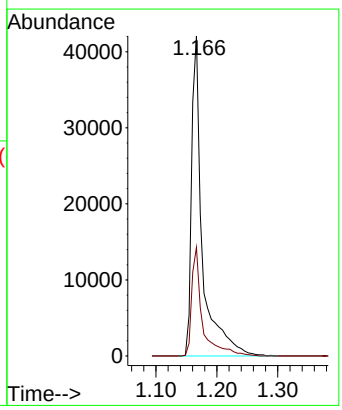


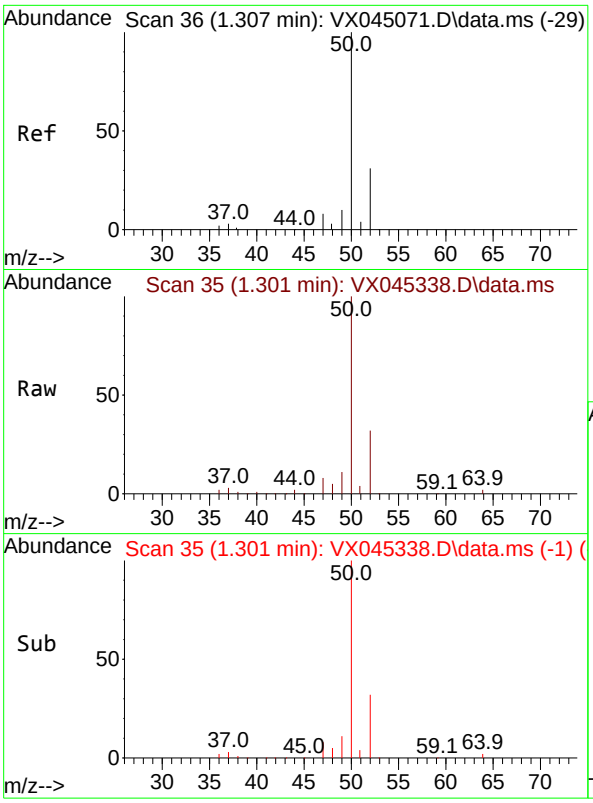


#2
Dichlorodifluoromethane
Concen: 48.729 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 85 Resp: 51601

Ion	Ratio	Lower	Upper
85	100		
87	34.0	17.4	52.3



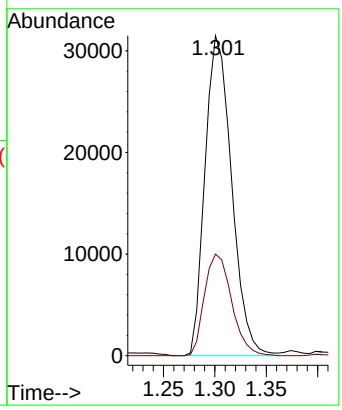


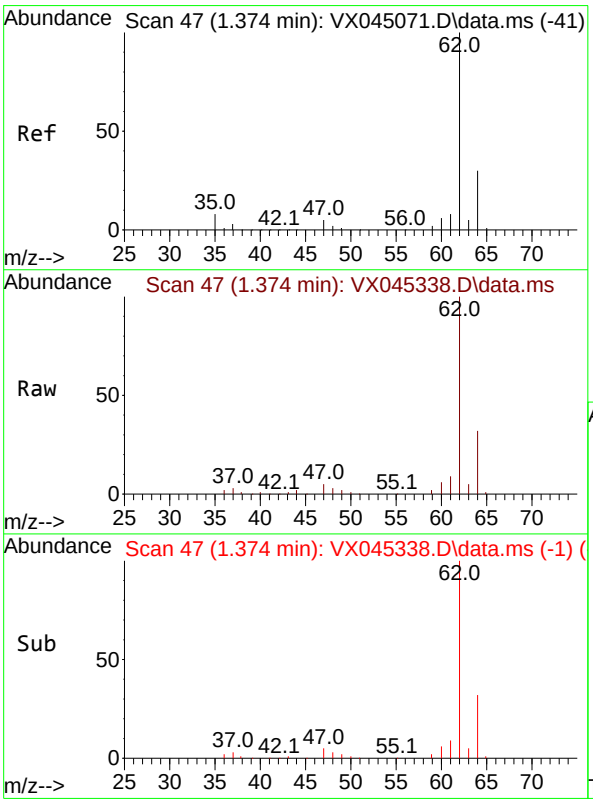
#3
Chloromethane
Concen: 43.793 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 56752

Ion	Ratio	Lower	Upper
50	100		
52	31.7	25.0	37.4

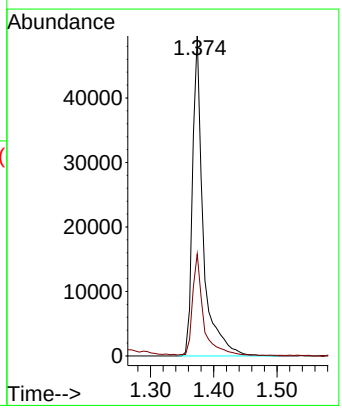


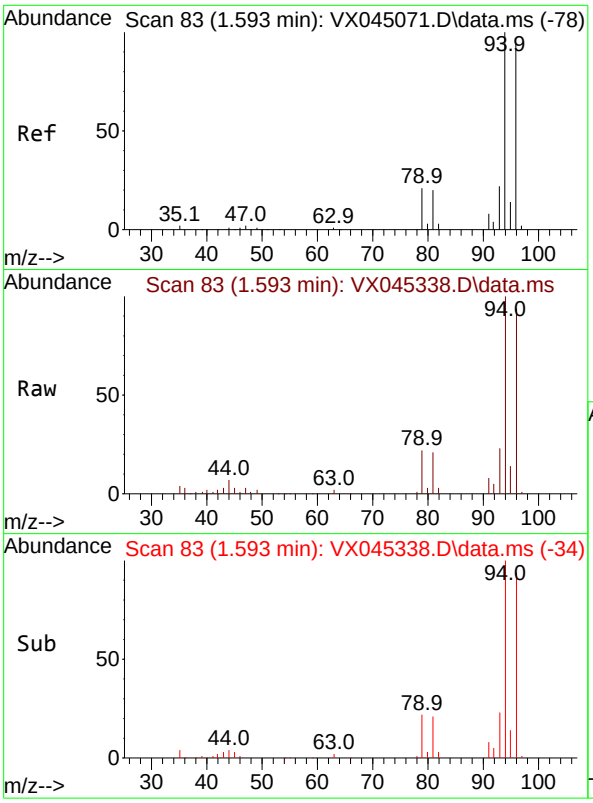


#4
Vinyl Chloride
Concen: 45.305 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 62 Resp: 58243

Ion	Ratio	Lower	Upper
62	100		
64	31.7	24.3	36.5



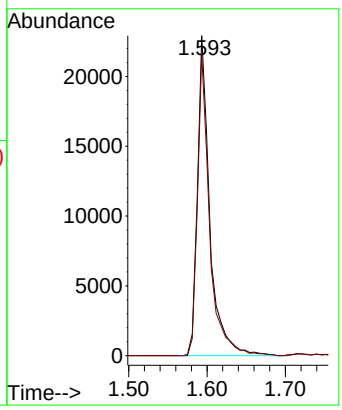


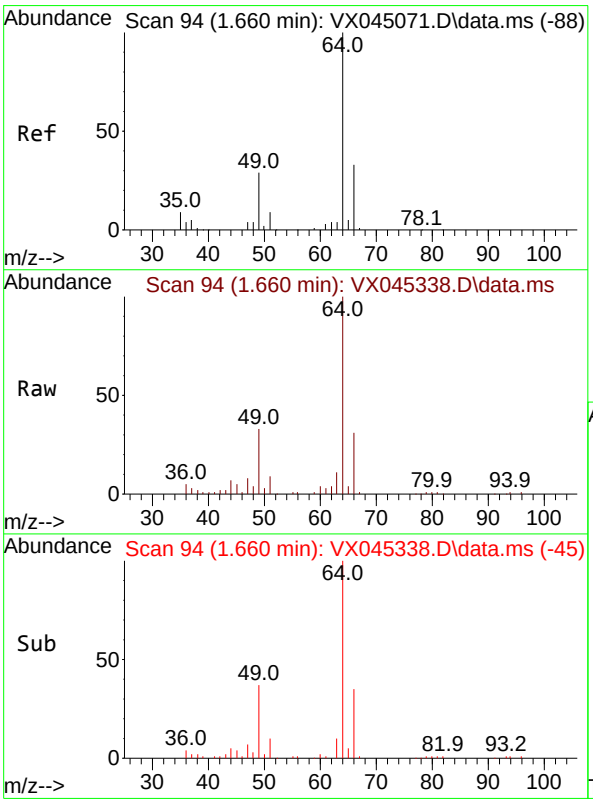
#5
Bromomethane
Concen: 49.983 ug/l
RT: 1.593 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 94 Resp: 25260

Ion	Ratio	Lower	Upper
94	100		
96	94.2	75.0	112.4

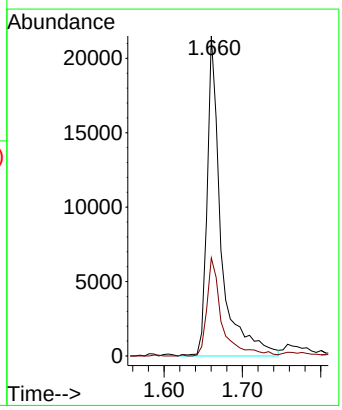


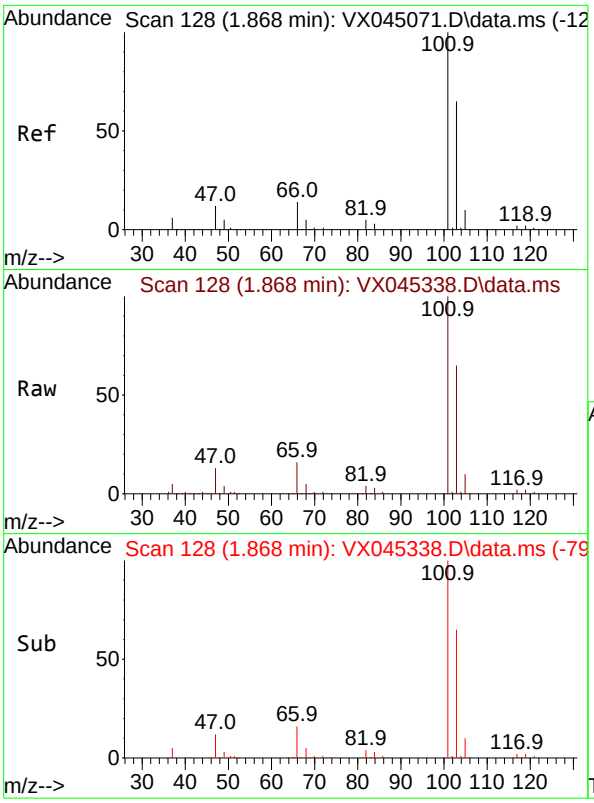


#6
Chloroethane
Concen: 44.936 ug/l
RT: 1.660 min Scan# 94
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 64 Resp: 26646

Ion	Ratio	Lower	Upper
64	100		
66	30.6	26.7	40.1



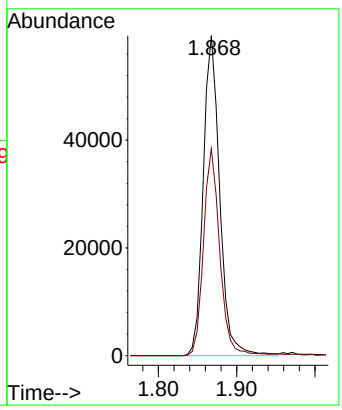


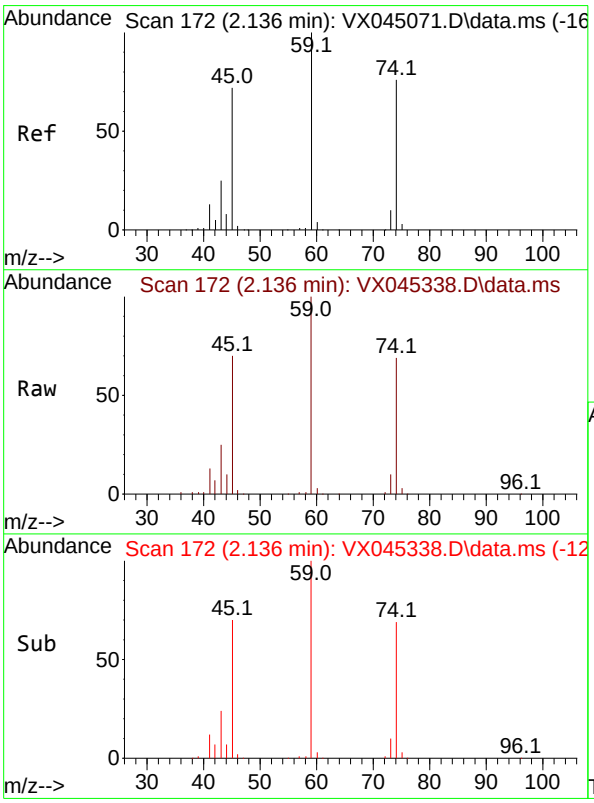
#7
Trichlorofluoromethane
Concen: 50.964 ug/l
RT: 1.868 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 86733

Ion	Ratio	Lower	Upper
101	100		
103	64.7	52.1	78.1

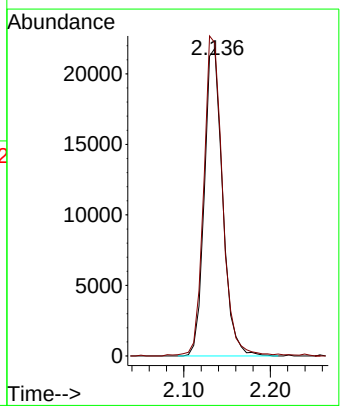


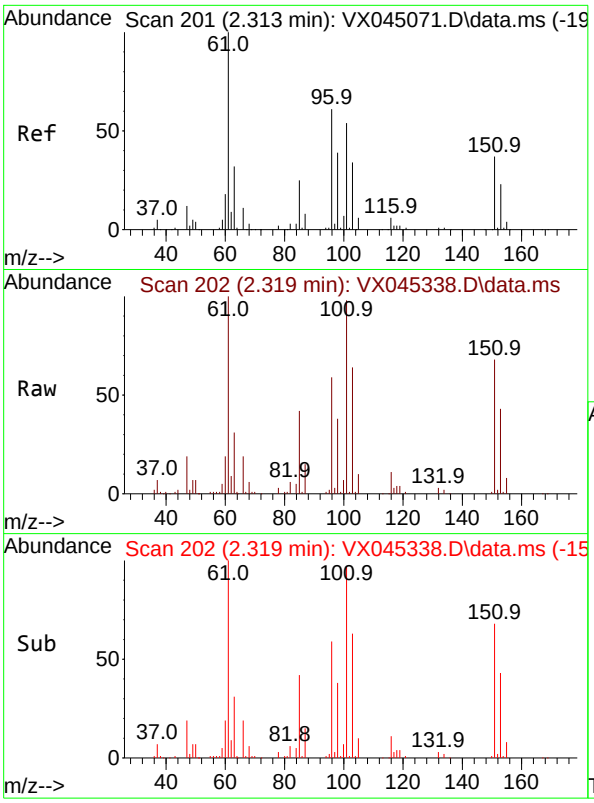


#8
Diethyl Ether
Concen: 47.945 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 74 Resp: 31915

Ion	Ratio	Lower	Upper
74	100		
45	107.5	51.5	154.5



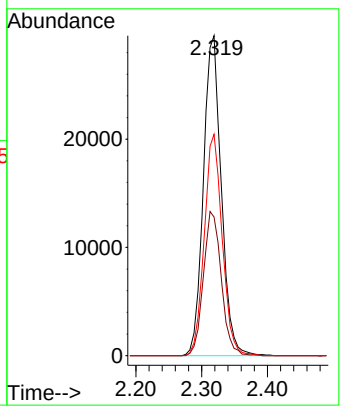


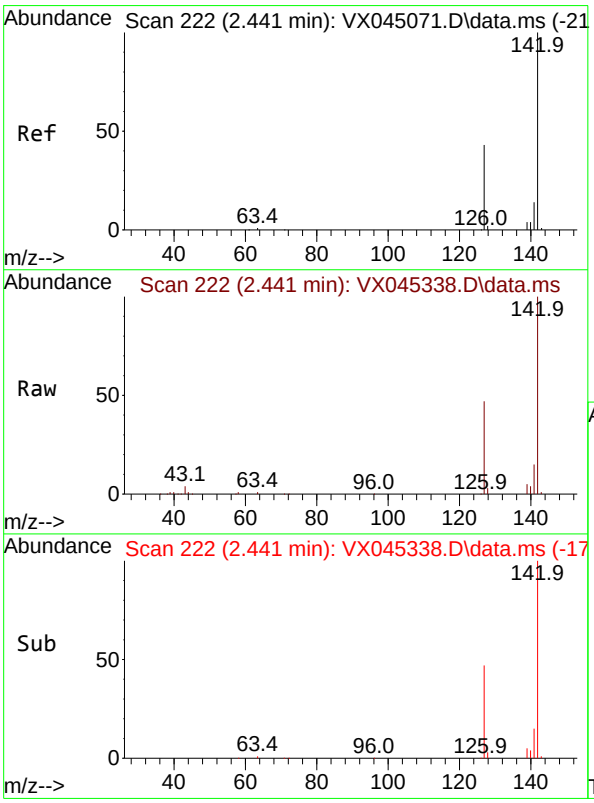
#9
1,1,2-Trichlorotrifluoroethane
Concen: 57.352 ug/l
RT: 2.319 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 56075

Ion	Ratio	Lower	Upper
101	100		
85	45.0	36.2	54.4
151	69.2	56.4	84.6

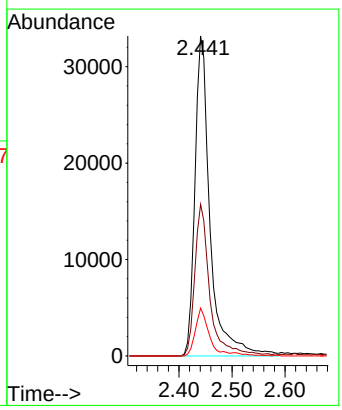


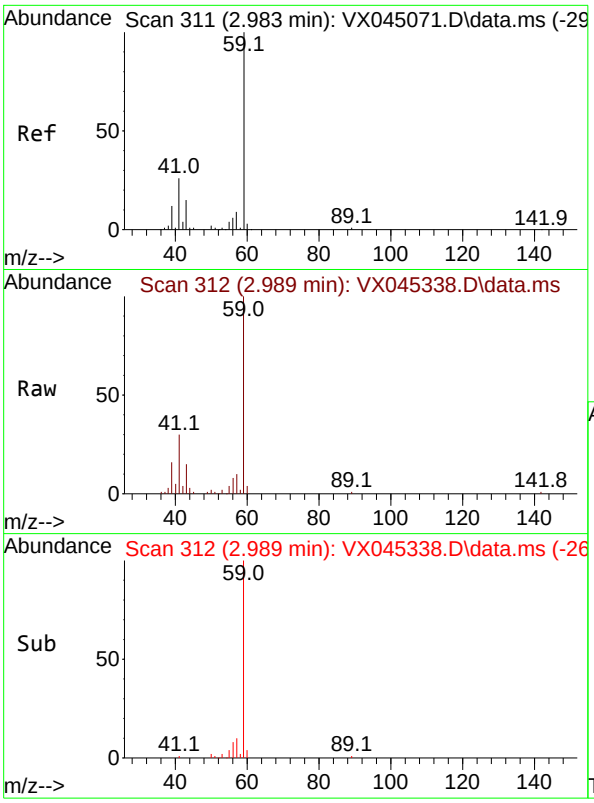


#10
Methyl Iodide
Concen: 53.969 ug/l
RT: 2.441 min Scan# 222
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion:142 Resp: 65943

Ion	Ratio	Lower	Upper
142	100		
127	47.2	35.4	53.2
141	14.2	11.6	17.4



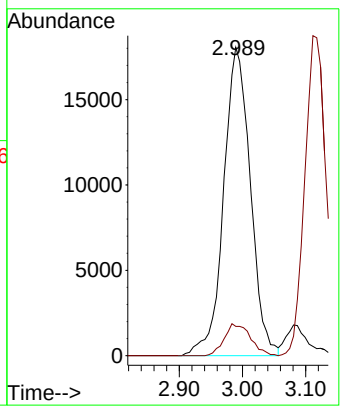


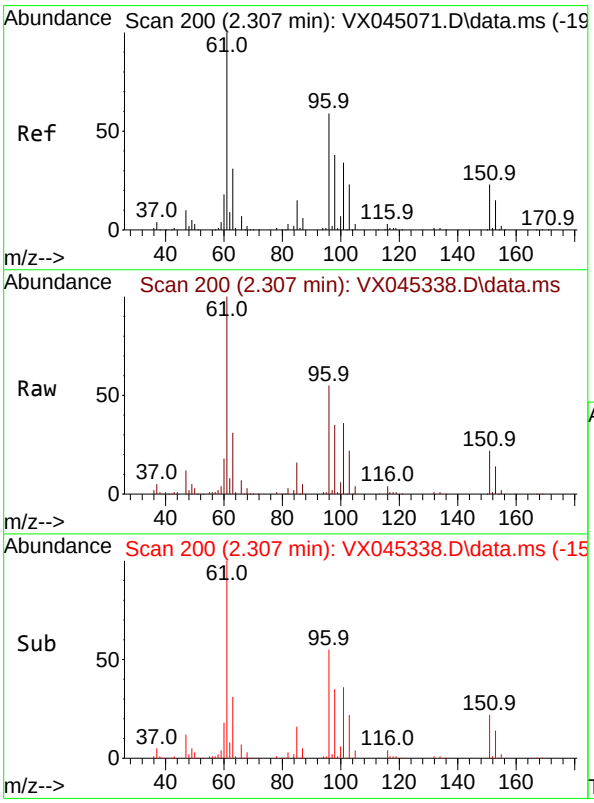
#11
Tert butyl alcohol
Concen: 209.210 ug/l
RT: 2.989 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 53027

Ion	Ratio	Lower	Upper
59	100		
57	10.1	7.8	11.8

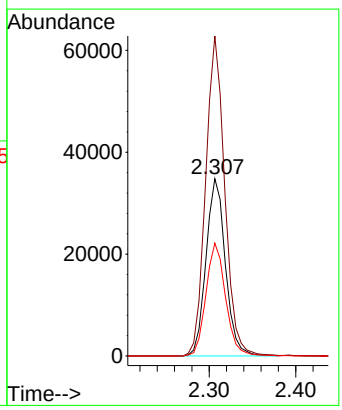


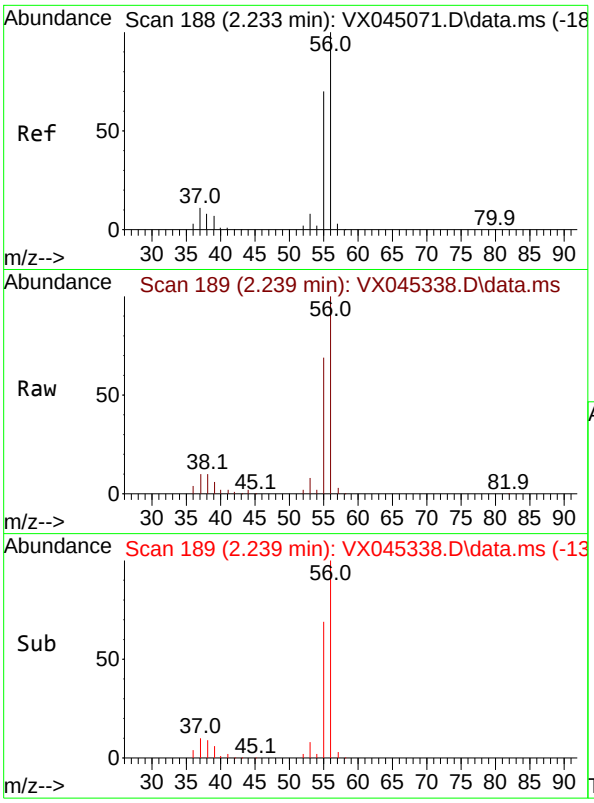


#12
1,1-Dichloroethene
Concen: 52.468 ug/l
RT: 2.307 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 96 Resp: 54237

Ion	Ratio	Lower	Upper
96	100		
61	180.5	134.6	202.0
98	63.7	51.0	76.6



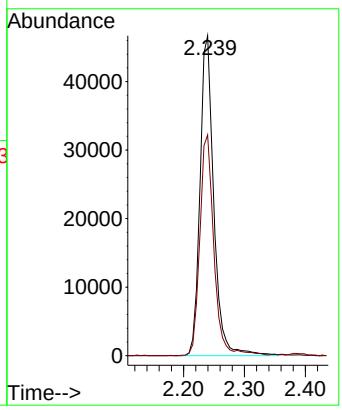


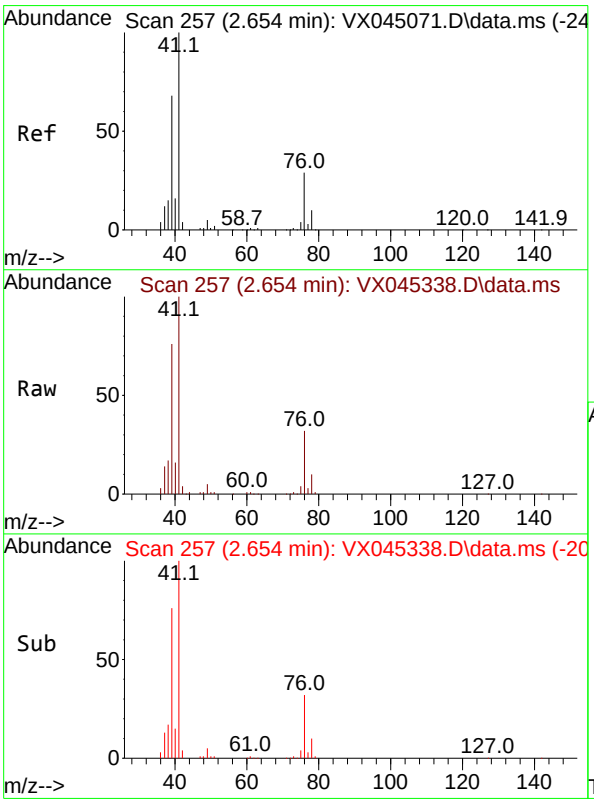
#13
Acrolein
Concen: 250.658 ug/l
RT: 2.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 73442

Ion	Ratio	Lower	Upper
56	100		
55	70.6	56.2	84.4

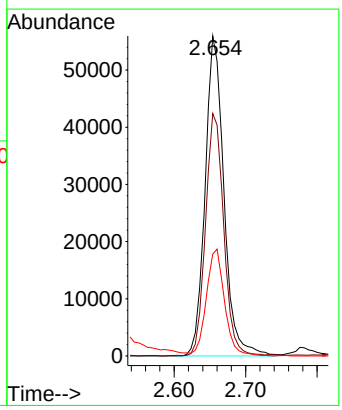


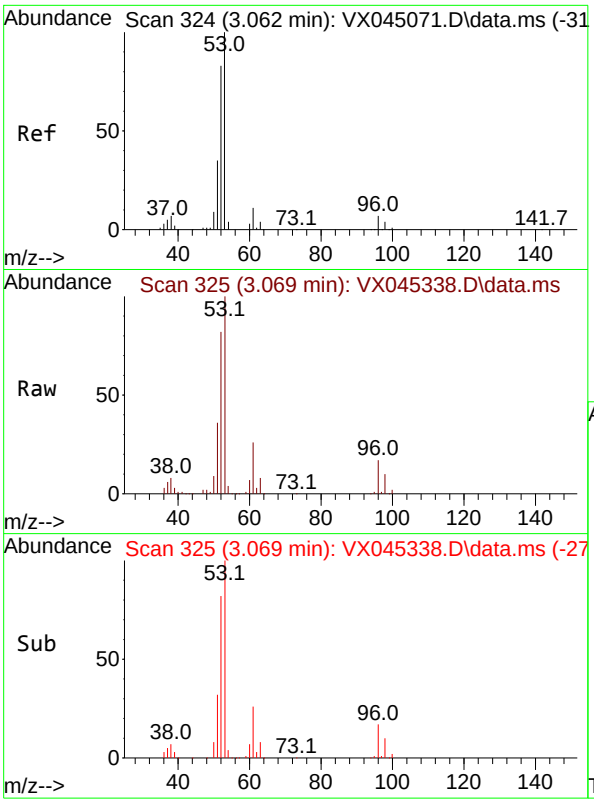


#14
Allyl chloride
Concen: 55.680 ug/l
RT: 2.654 min Scan# 257
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 41 Resp: 102455

Ion	Ratio	Lower	Upper
41	100		
39	73.2	53.8	80.8
76	32.3	25.2	37.8



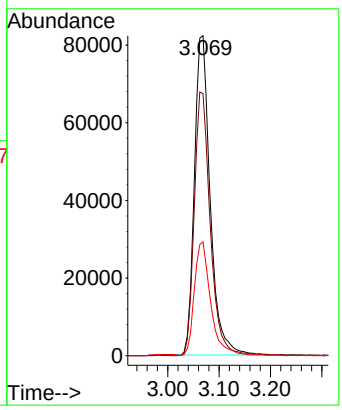


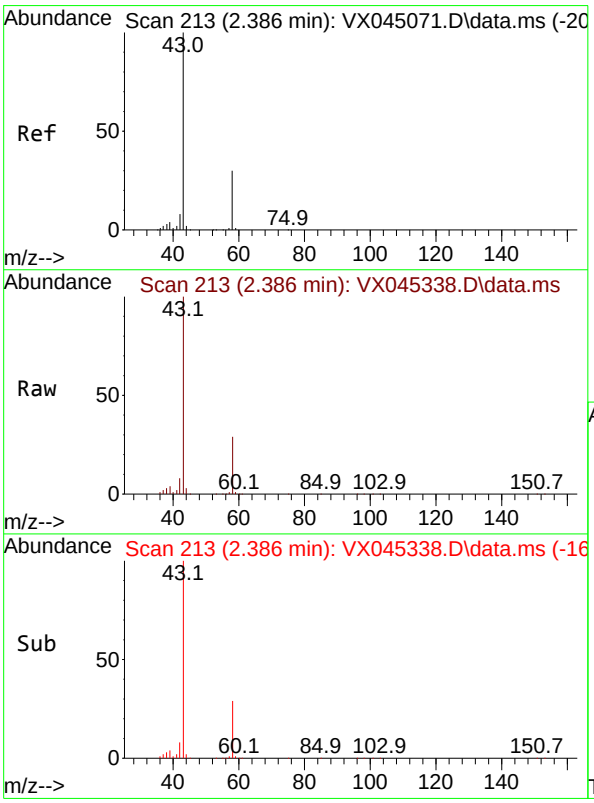
#15
Acrylonitrile
Concen: 259.486 ug/l
RT: 3.069 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 176272

Ion	Ratio	Lower	Upper
53	100		
52	83.8	66.2	99.2
51	36.7	29.0	43.4

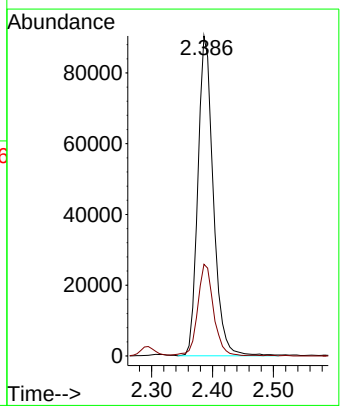


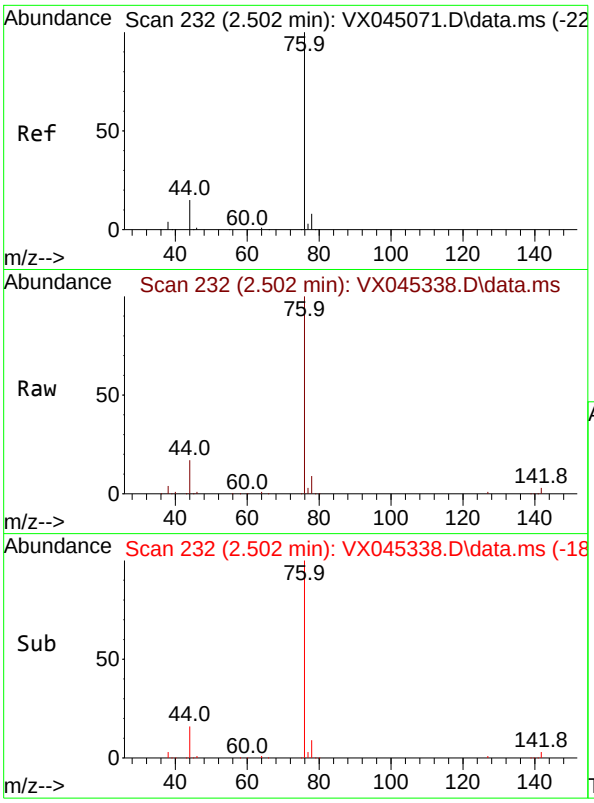


#16
Acetone
Concen: 255.968 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 43 Resp: 158918

Ion	Ratio	Lower	Upper
43	100		
58	28.6	24.2	36.4



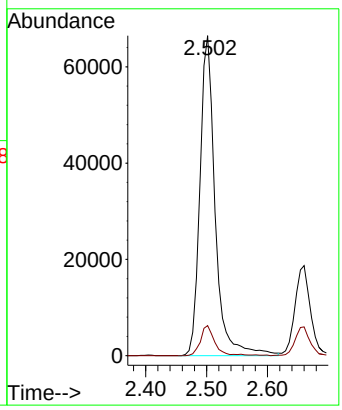


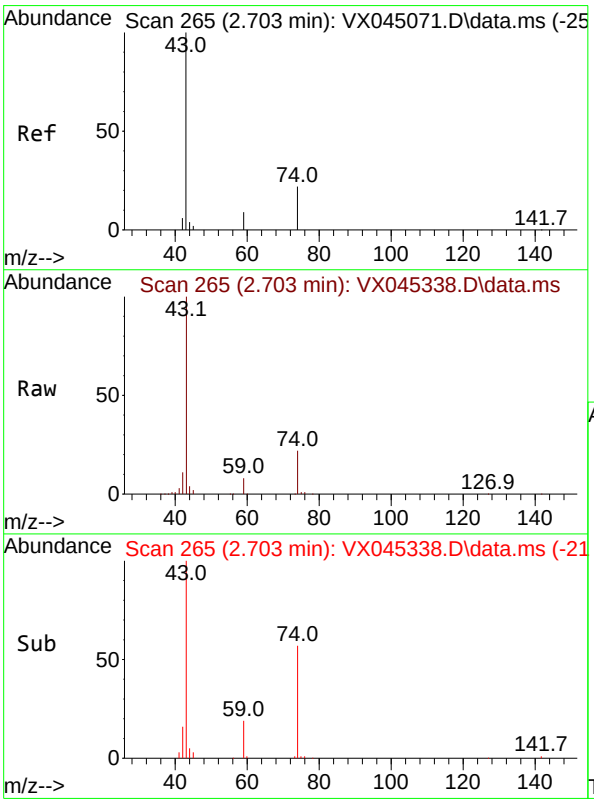
#17
Carbon Disulfide
Concen: 42.049 ug/l
RT: 2.502 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 115773

Ion	Ratio	Lower	Upper
76	100		
78	9.4	6.6	9.8

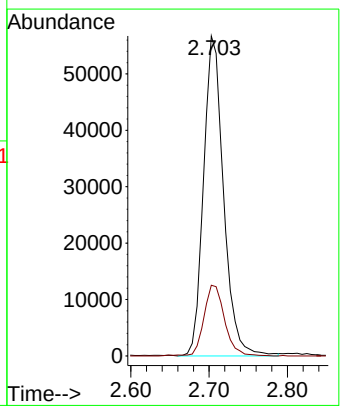


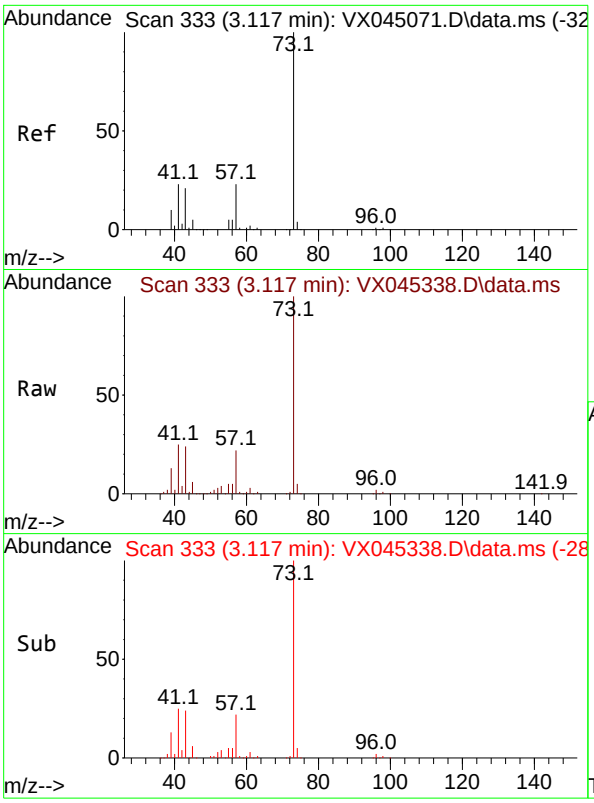


#18
Methyl Acetate
Concen: 67.463 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 43 Resp: 100760

Ion	Ratio	Lower	Upper
43	100		
74	22.9	17.4	26.2



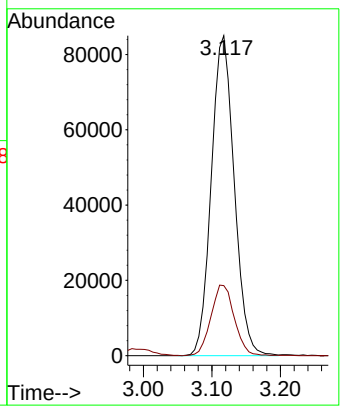


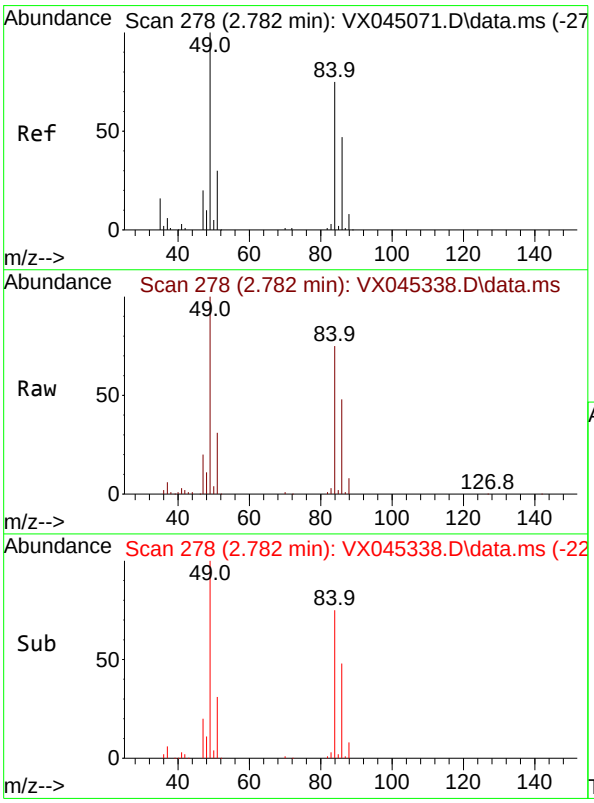
#19
Methyl tert-butyl Ether
Concen: 56.941 ug/l
RT: 3.117 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 197477

Ion	Ratio	Lower	Upper
73	100		
57	21.8	18.5	27.7

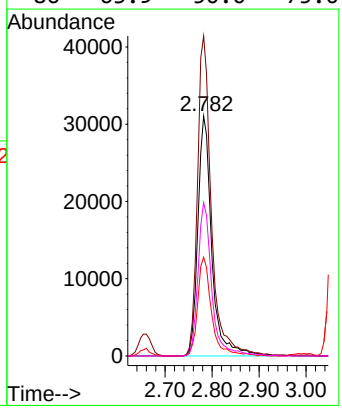


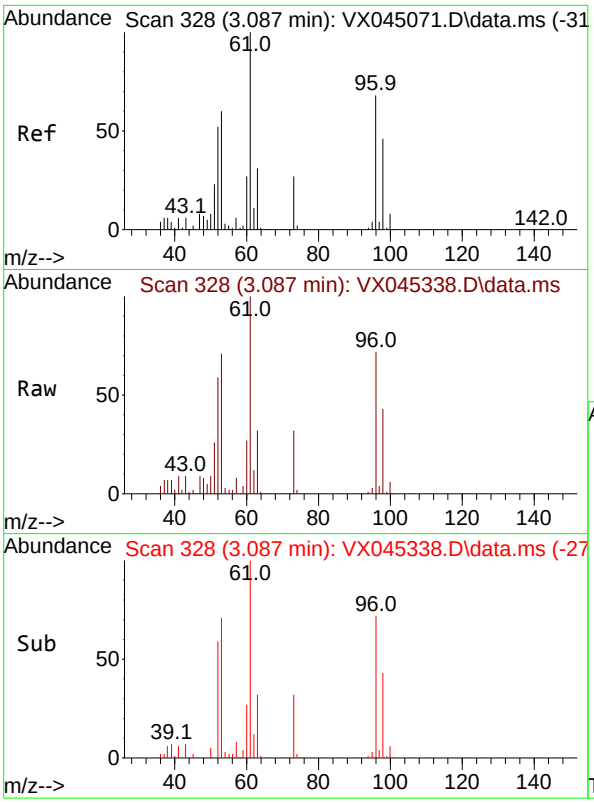


#20
Methylene Chloride
Concen: 52.125 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 84 Resp: 64105

Ion	Ratio	Lower	Upper
84	100		
49	133.3	106.5	159.7
51	41.1	32.1	48.1
86	63.9	50.0	75.0



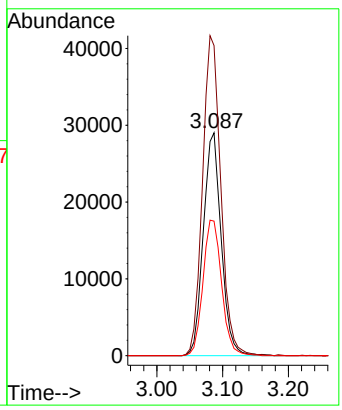


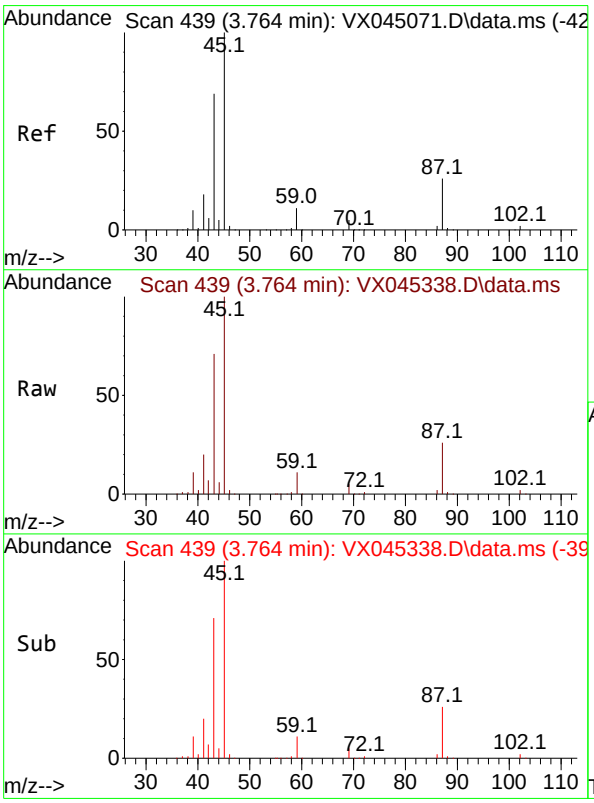
#21
trans-1,2-Dichloroethene
Concen: 53.680 ug/l
RT: 3.087 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 54820

Ion	Ratio	Lower	Upper
96	100		
61	139.1	117.0	175.4
98	60.4	53.4	80.2

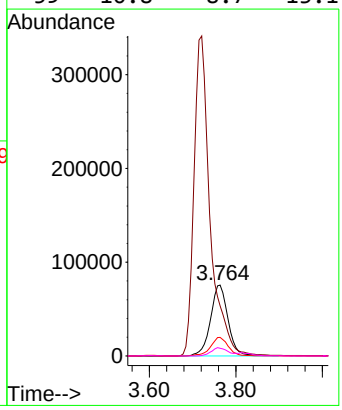


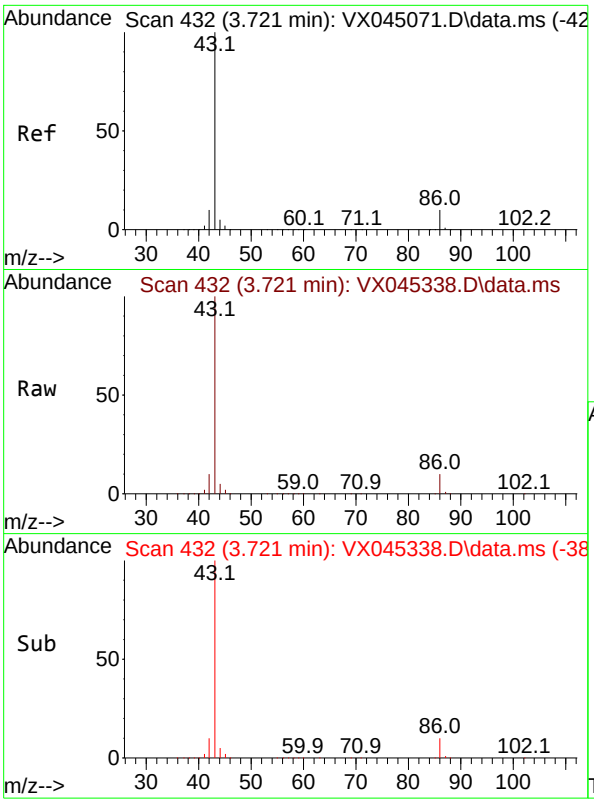


#22
Diisopropyl ether
Concen: 56.869 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 45 Resp: 212818

Ion	Ratio	Lower	Upper
45	100		
43	70.7	54.9	82.3
87	26.3	21.0	31.4
59	10.8	8.7	13.1



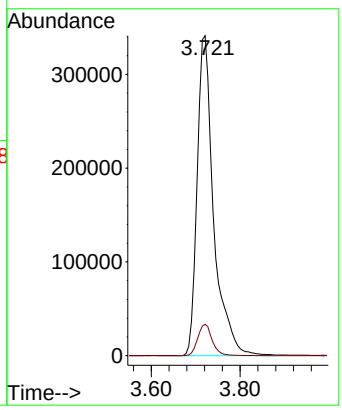


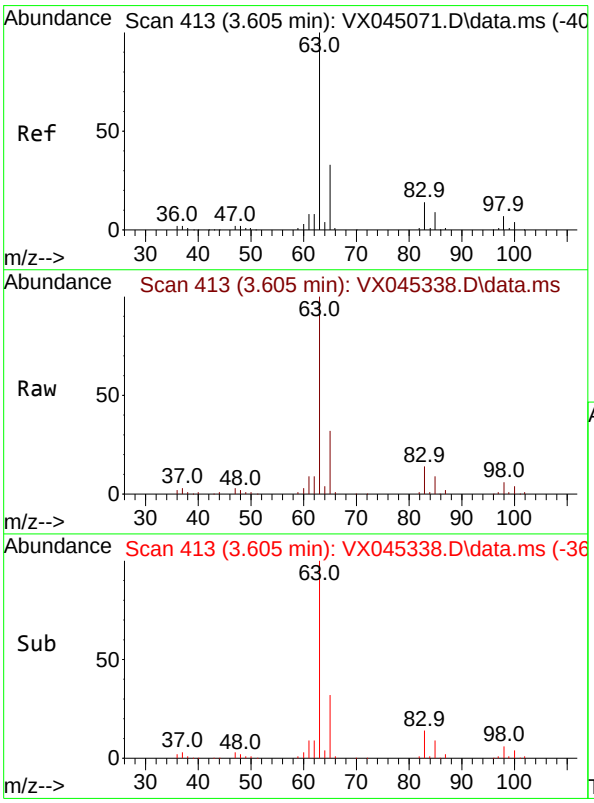
#23
Vinyl Acetate
Concen: 283.056 ug/l
RT: 3.721 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 883964

Ion	Ratio	Lower	Upper
43	100		
86	9.8	8.1	12.1

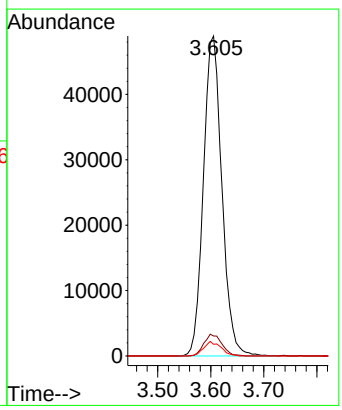


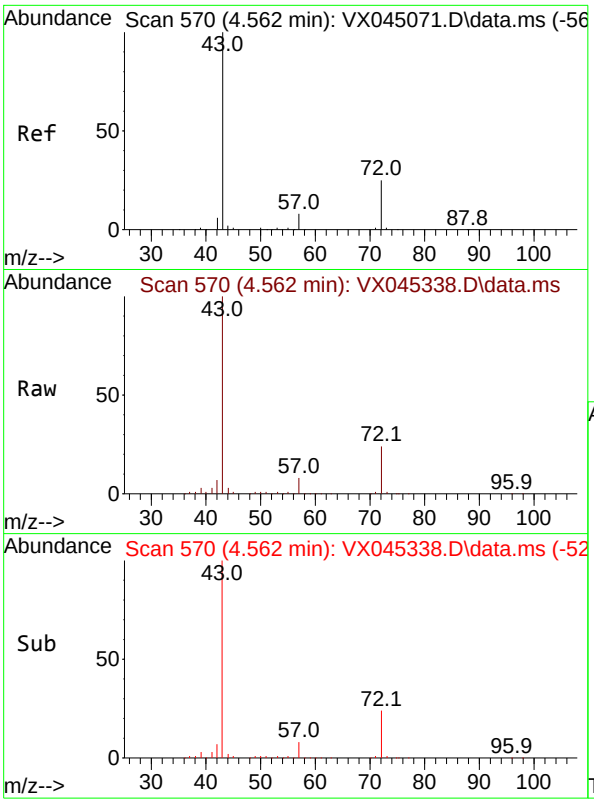


#24
1,1-Dichloroethane
Concen: 56.414 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 63 Resp: 118316

Ion	Ratio	Lower	Upper
63	100		
98	6.2	3.4	10.2
100	3.6	2.1	6.5



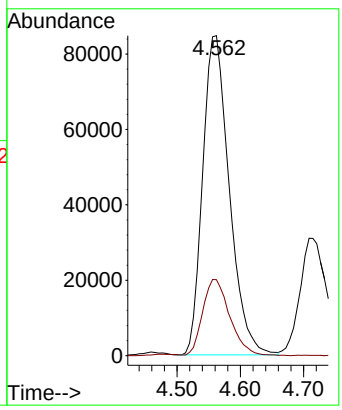


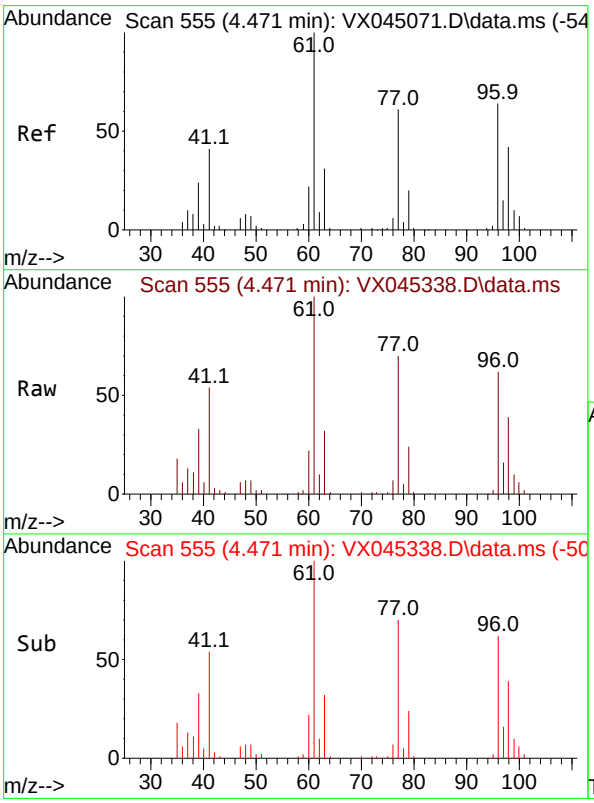
#25
2-Butanone
Concen: 265.213 ug/l
RT: 4.562 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 247851

Ion	Ratio	Lower	Upper
43	100		
72	23.7	20.0	30.0

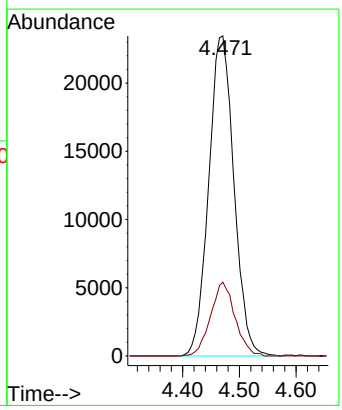


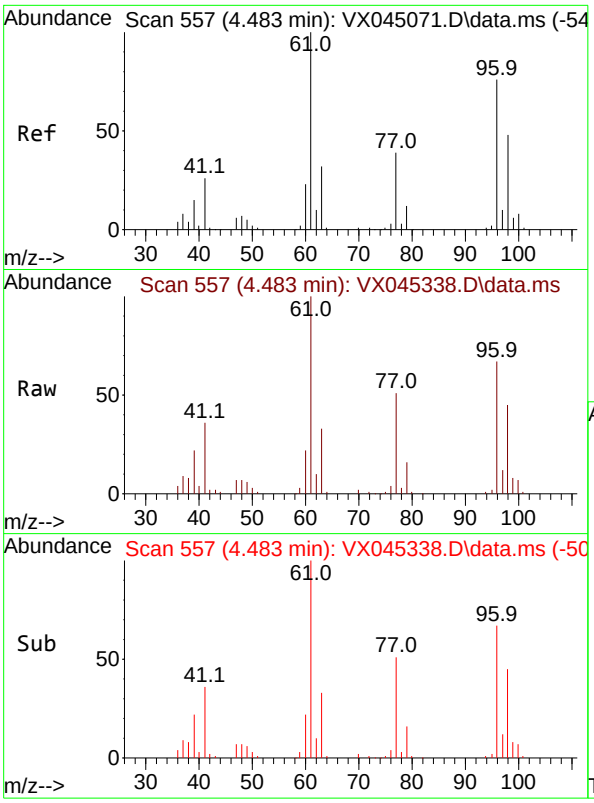


#26
2,2-Dichloropropane
Concen: 73.651 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 77 Resp: 72453

Ion	Ratio	Lower	Upper
77	100		
97	22.4	12.4	37.0



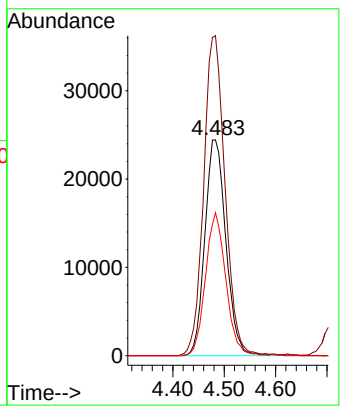


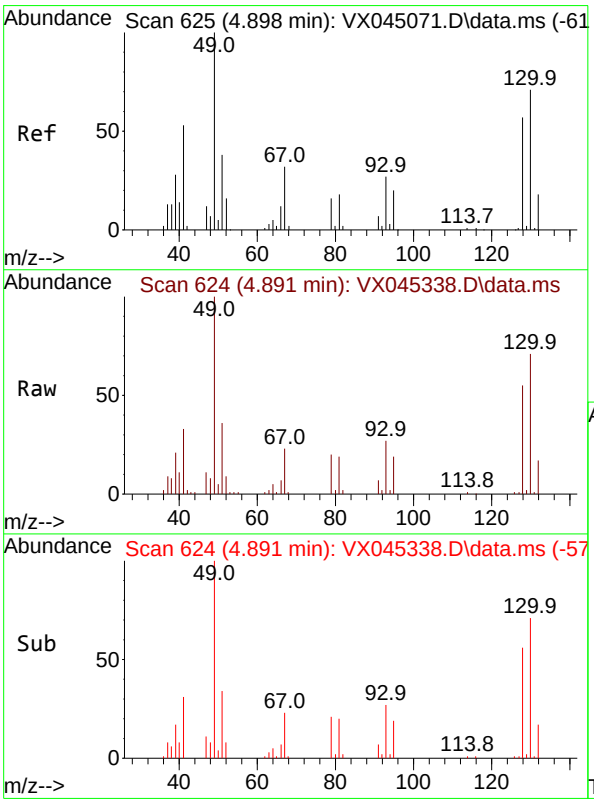
#27
cis-1,2-Dichloroethene
Concen: 55.166 ug/l
RT: 4.483 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 69546

Ion	Ratio	Lower	Upper
96	100		
61	150.5	0.0	283.2
98	63.9	0.0	128.0

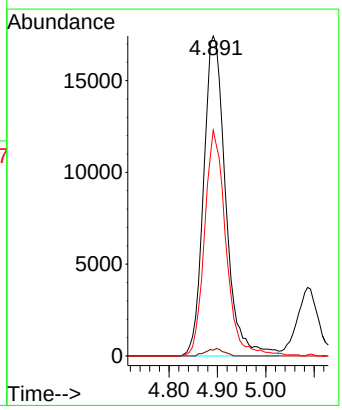


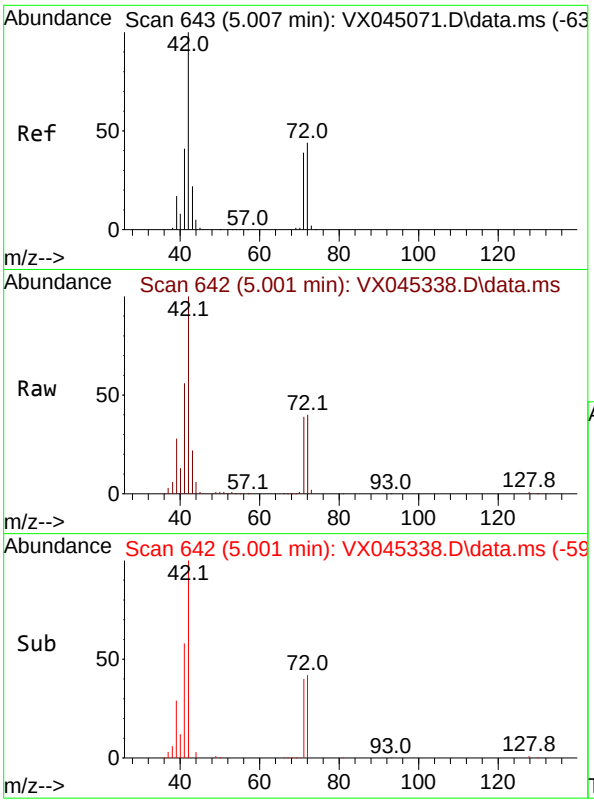


#28
Bromochloromethane
Concen: 55.186 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 49 Resp: 55167

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.4
130	68.4	56.1	84.1



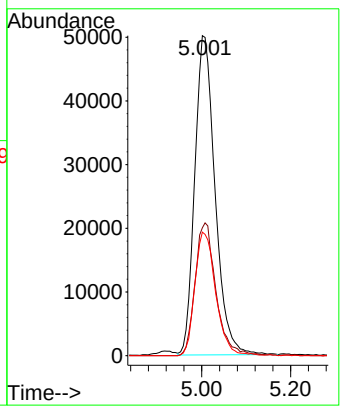


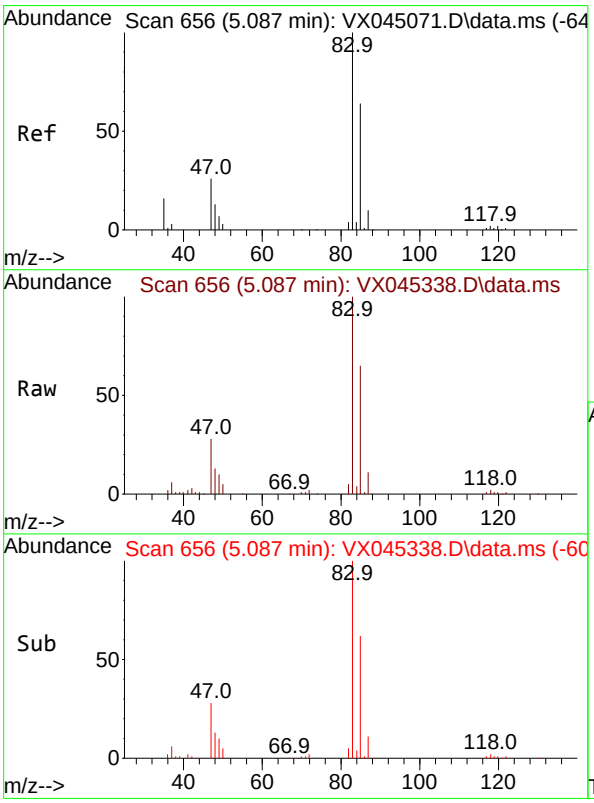
#29
Tetrahydrofuran
Concen: 254.403 ug/l
RT: 5.001 min Scan# 64
Delta R.T. -0.006 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 159660

Ion	Ratio	Lower	Upper
42	100		
72	42.9	34.1	51.1
71	39.7	31.4	47.0

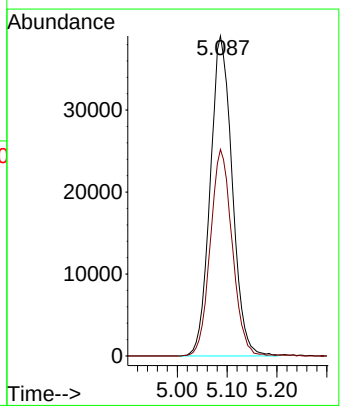


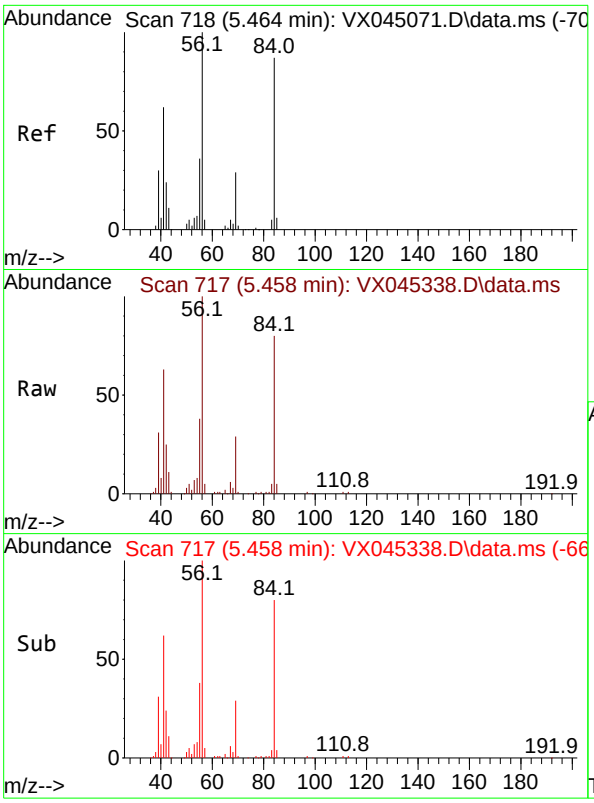


#30
Chloroform
Concen: 57.373 ug/l
RT: 5.087 min Scan# 656
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 83 Resp: 119558

Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.4	77.2



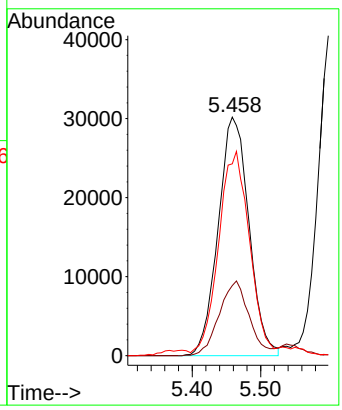


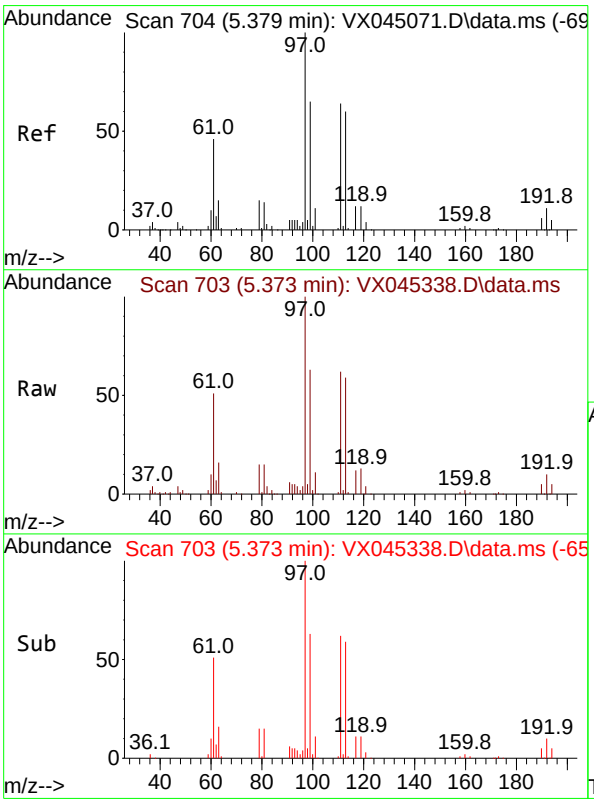
#31
Cyclohexane
Concen: 51.717 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 94154

Ion	Ratio	Lower	Upper
56	100		
69	29.3	23.4	35.2
84	78.3	69.4	104.2

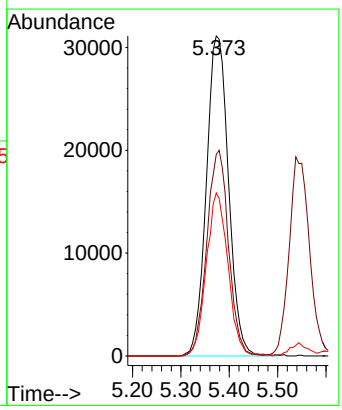


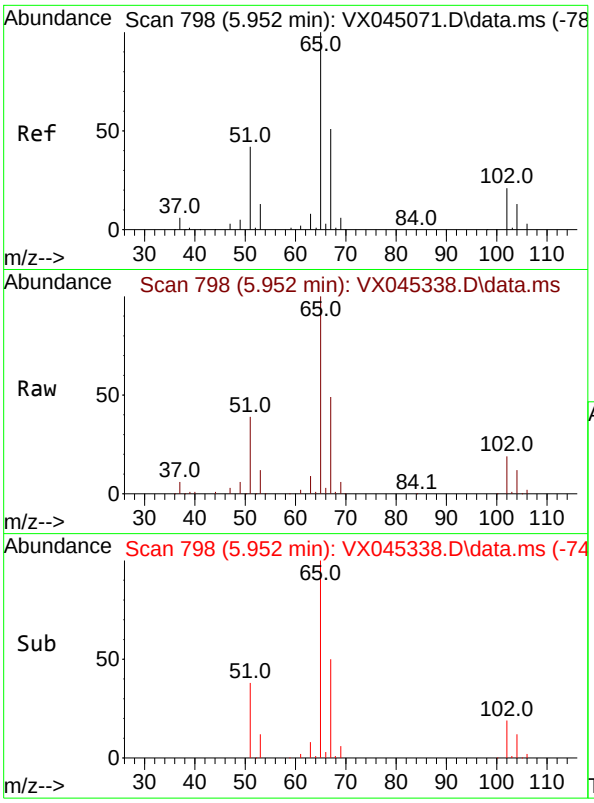


#32
1,1,1-Trichloroethane
Concen: 58.821 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 97 Resp: 98999

Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.6	77.4
61	49.9	38.4	57.6



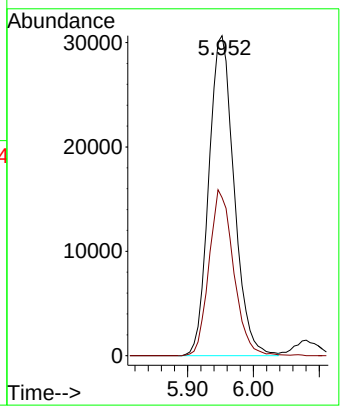


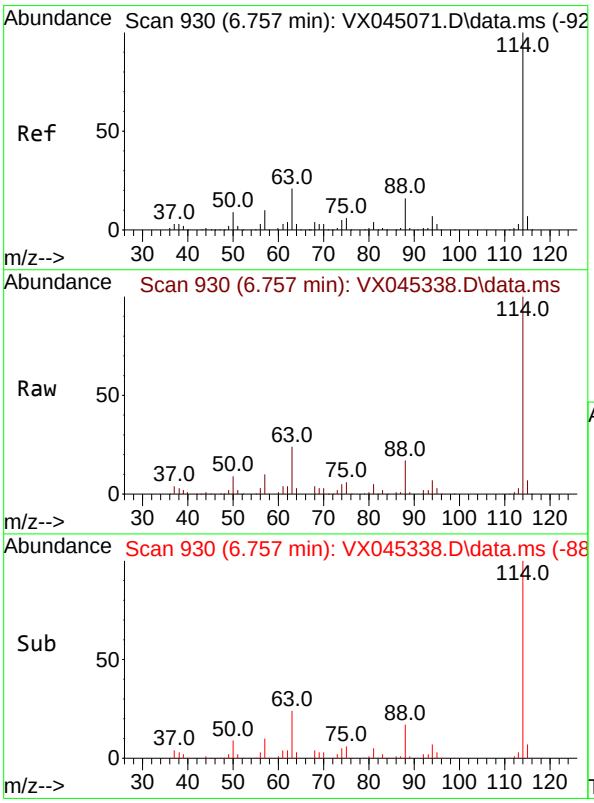
#33
1,2-Dichloroethane-d4
Concen: 61.200 ug/l
RT: 5.952 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 81893

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	106.2

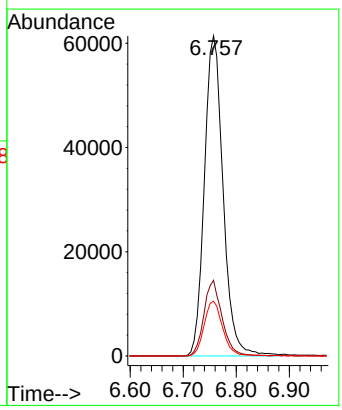


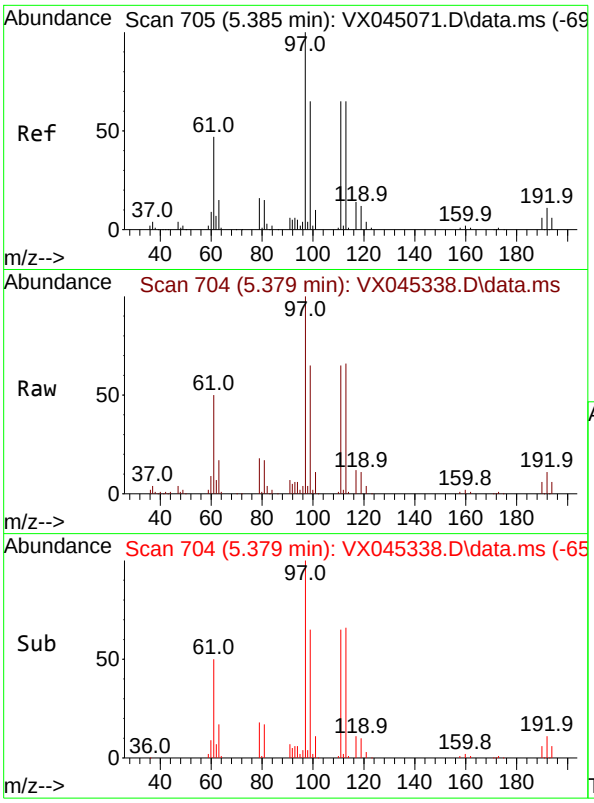


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion:114 Resp: 150662

Ion	Ratio	Lower	Upper
114	100		
63	23.7	0.0	41.8
88	17.1	0.0	32.8



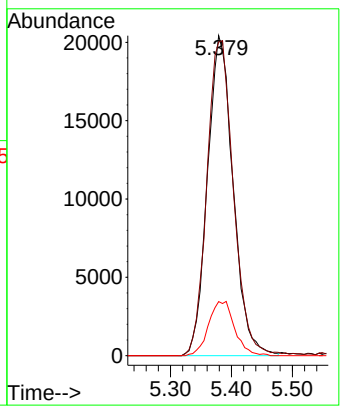


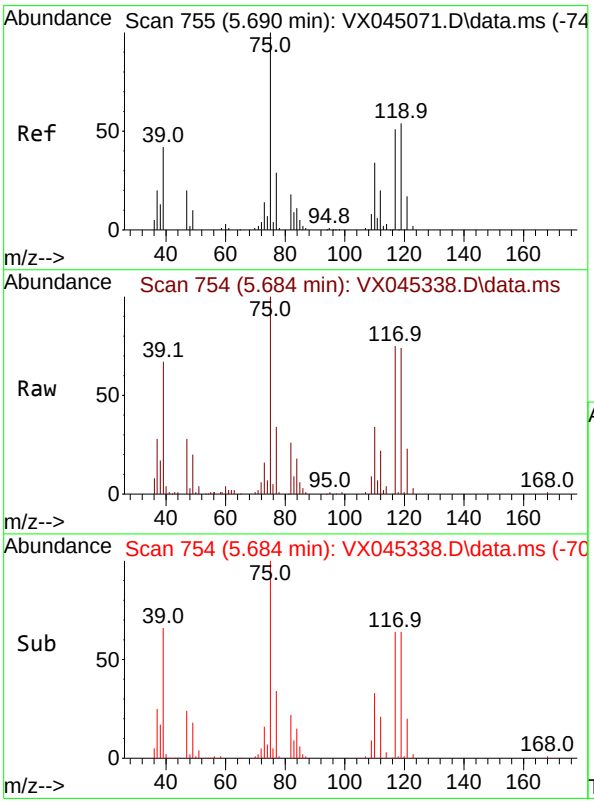
#35
Dibromofluoromethane
Concen: 59.296 ug/l
RT: 5.379 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:113 Resp: 59737

Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.8	122.6
192	17.2	14.3	21.5

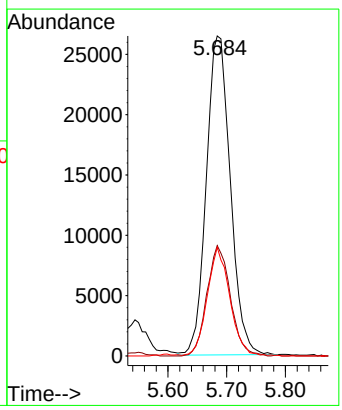


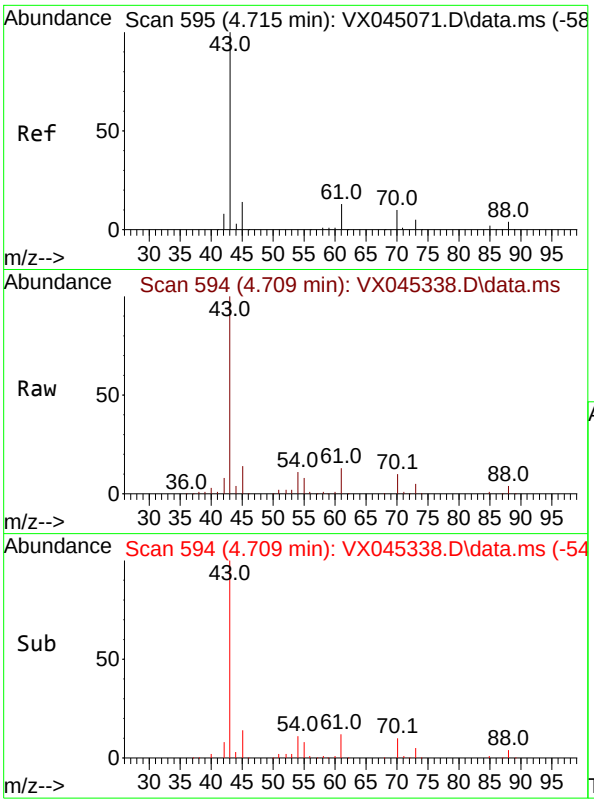


#36
1,1-Dichloropropene
Concen: 54.316 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 75 Resp: 75043

Ion	Ratio	Lower	Upper
75	100		
110	33.8	16.9	50.6
77	32.2	24.5	36.7



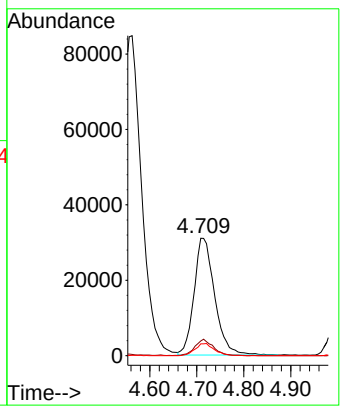


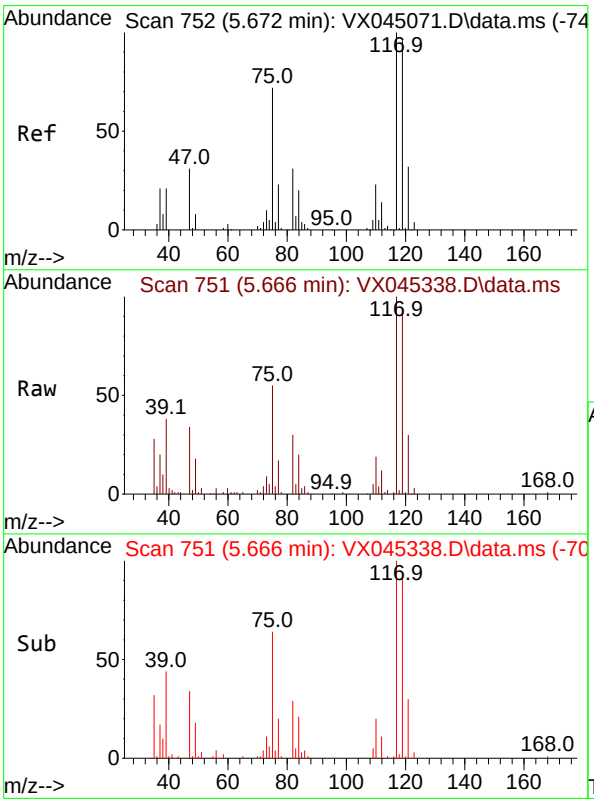
#37
Ethyl Acetate
Concen: 53.112 ug/l
RT: 4.709 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 94554

Ion	Ratio	Lower	Upper
43	100		
61	12.7	10.8	16.2
70	9.7	7.7	11.5

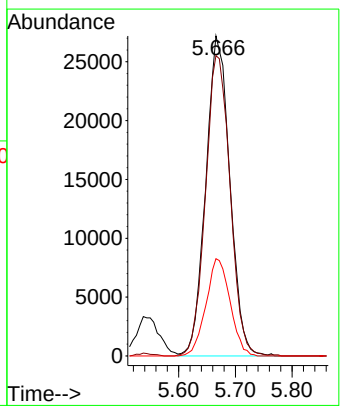


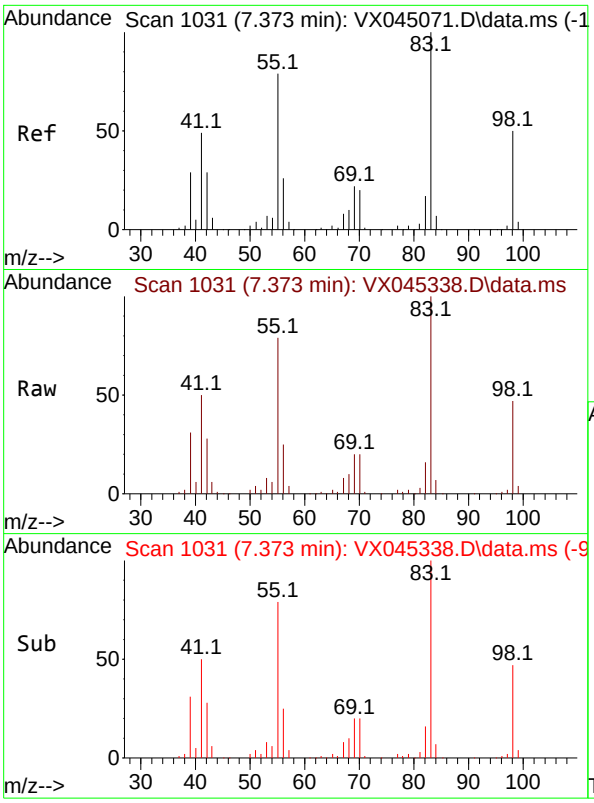


#38
Carbon Tetrachloride
Concen: 57.276 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion:117 Resp: 80339

Ion	Ratio	Lower	Upper
117	100		
119	93.5	76.7	115.1
121	30.4	25.5	38.3



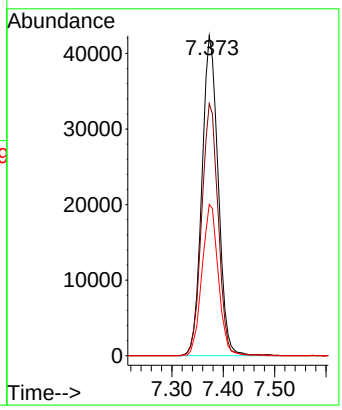


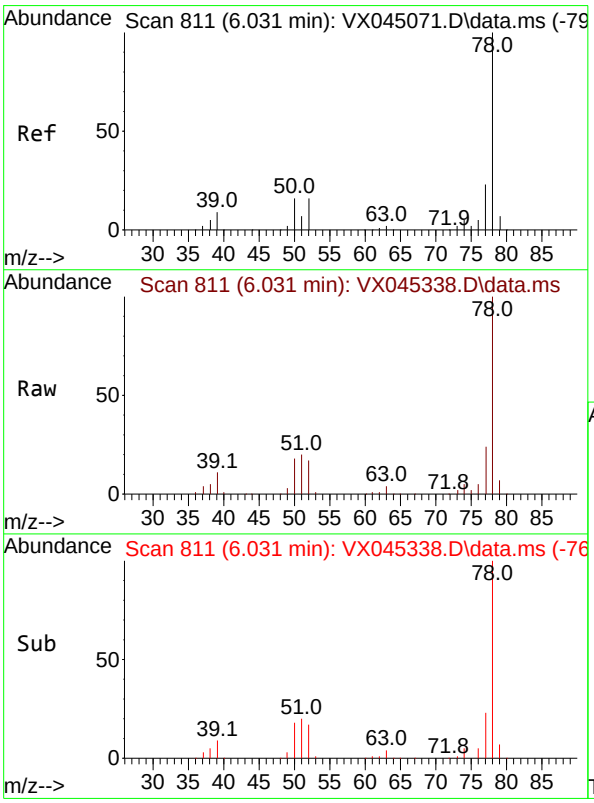
#39
Methylcyclohexane
Concen: 56.101 ug/l
RT: 7.373 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 92874

Ion	Ratio	Lower	Upper
83	100		
55	78.8	63.0	94.4
98	47.3	39.7	59.5

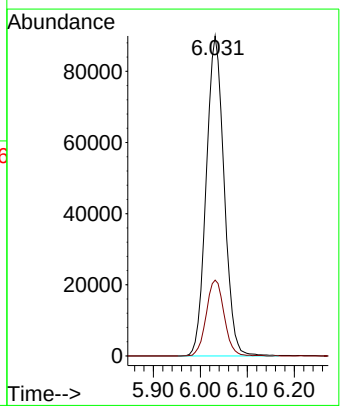


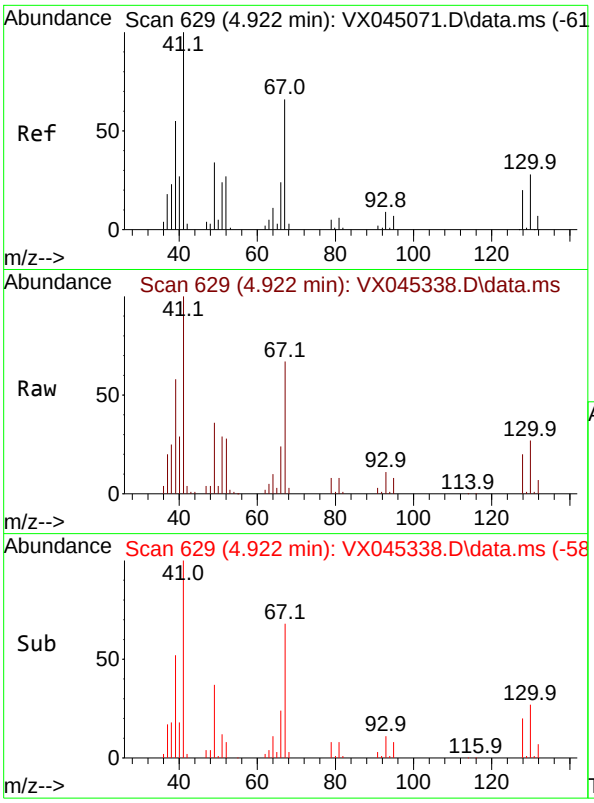


#40
Benzene
Concen: 54.440 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 78 Resp: 237509

Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.8	28.2



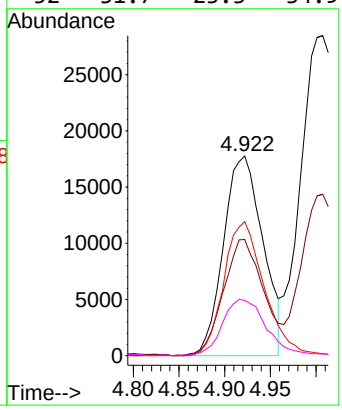


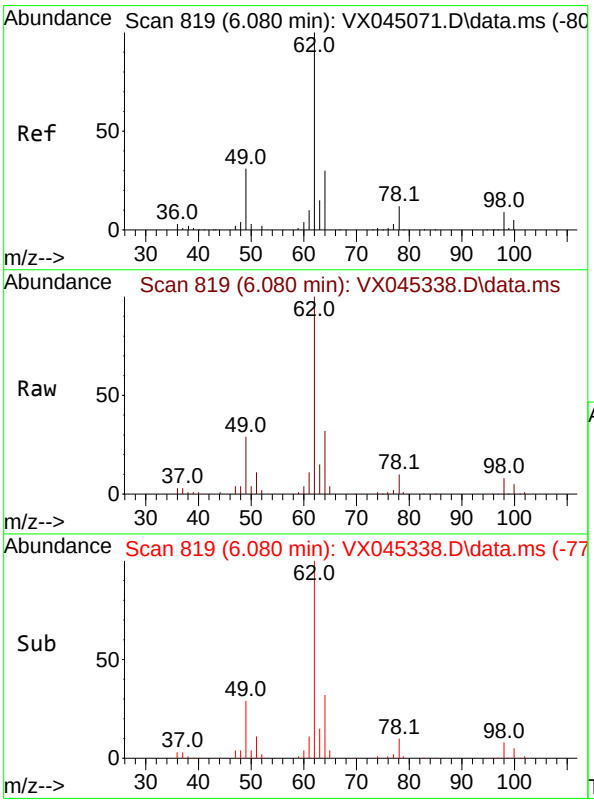
#41
Methacrylonitrile
Concen: 55.396 ug/l
RT: 4.922 min Scan# 6
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 53326

Ion	Ratio	Lower	Upper
41	100		
39	60.0	44.6	67.0
67	69.2	53.9	80.9
52	31.7	23.3	34.9

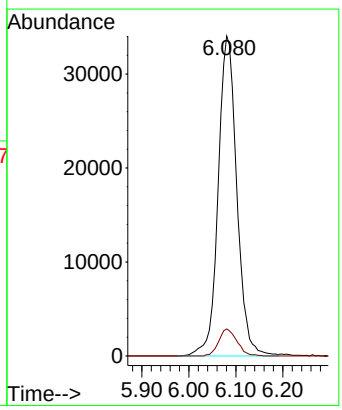


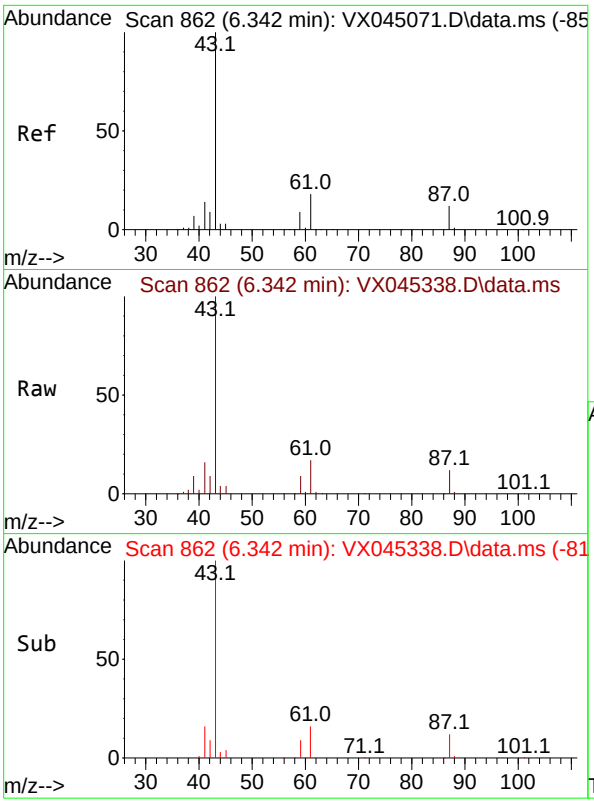


#42
1,2-Dichloroethane
Concen: 59.907 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 62 Resp: 94116

Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	18.2



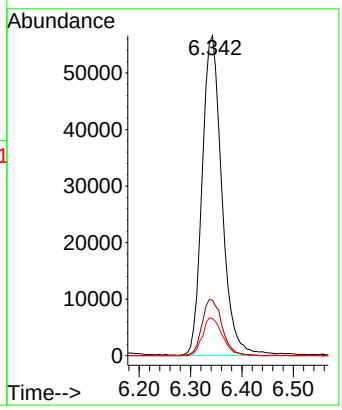


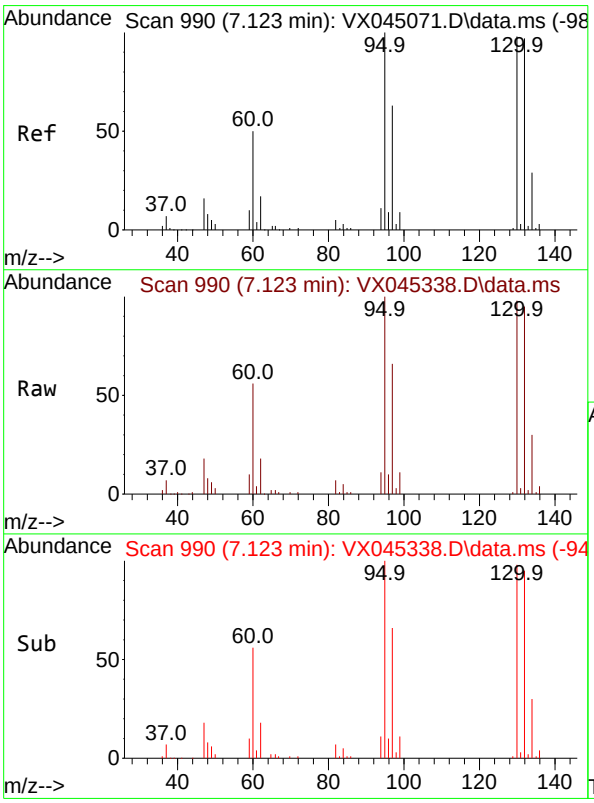
#43
Isopropyl Acetate
Concen: 57.177 ug/l
RT: 6.342 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 150519

Ion	Ratio	Lower	Upper
43	100		
61	17.9	14.9	22.3
87	12.0	9.4	14.2

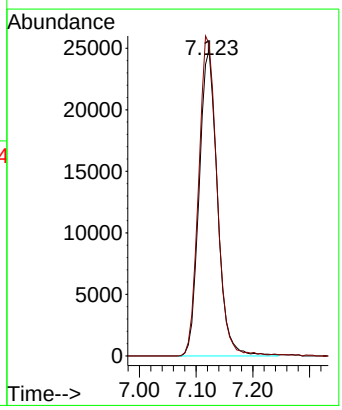


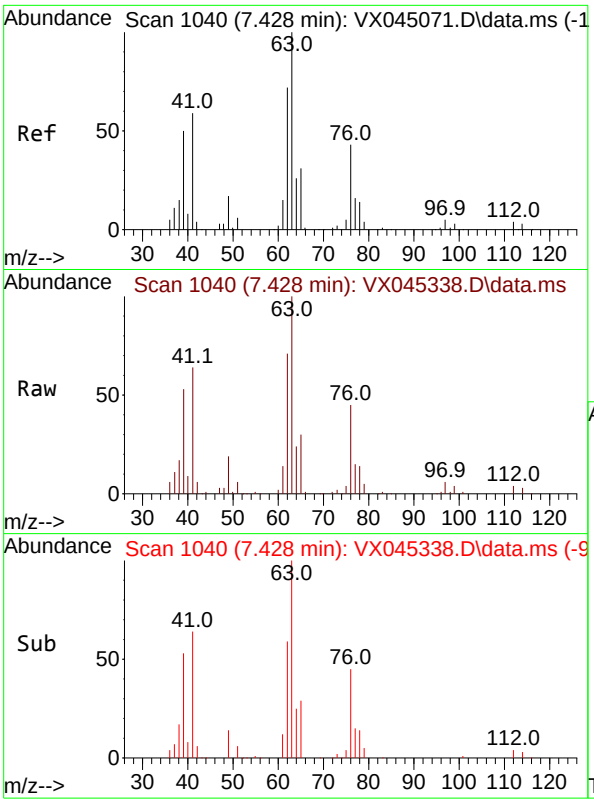


#44
Trichloroethene
Concen: 54.201 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion:130 Resp: 55524

Ion	Ratio	Lower	Upper
130	100		
95	101.9	0.0	205.0



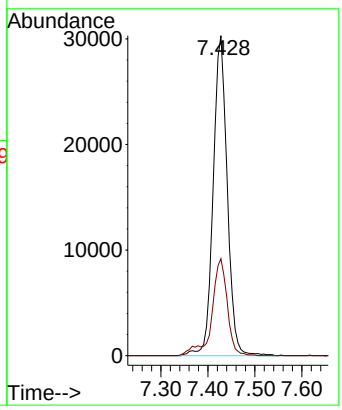


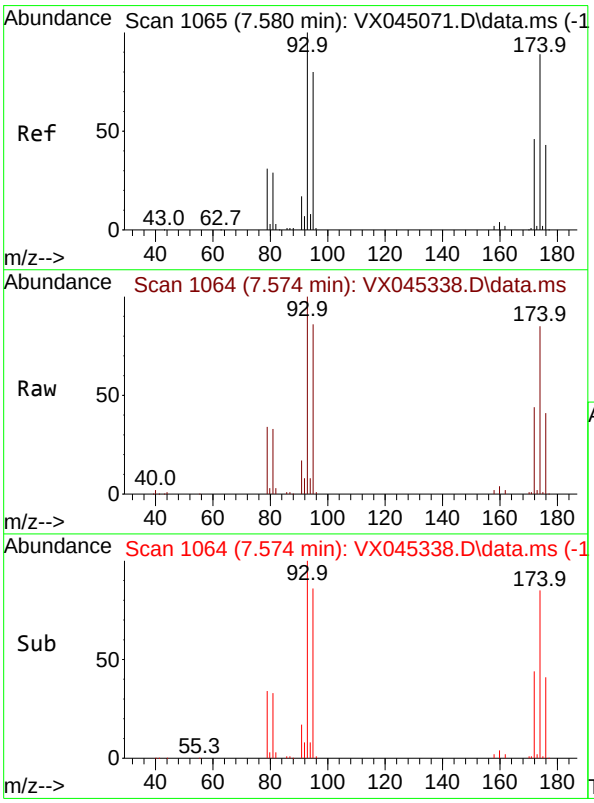
#45
1,2-Dichloropropane
Concen: 56.158 ug/l
RT: 7.428 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 62993

Ion	Ratio	Lower	Upper
63	100		
65	30.3	24.7	37.1

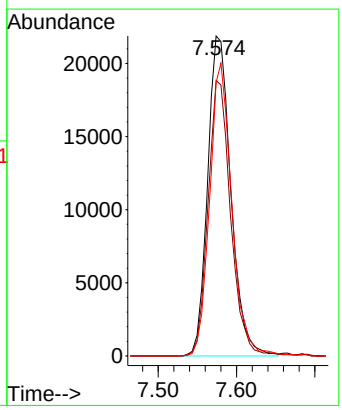


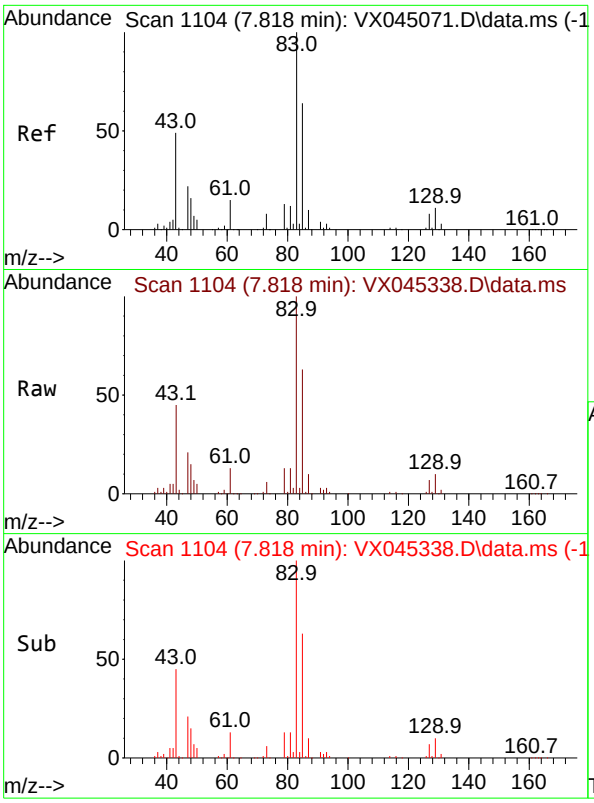


#46
Dibromomethane
Concen: 56.759 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 93 Resp: 45001

Ion	Ratio	Lower	Upper
93	100		
95	84.1	65.8	98.8
174	87.8	72.2	108.2



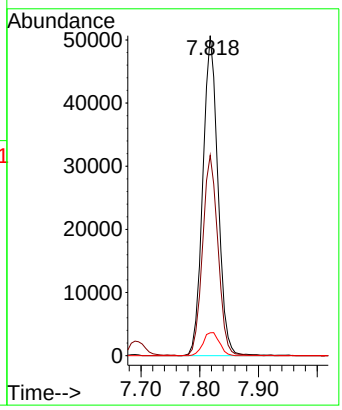


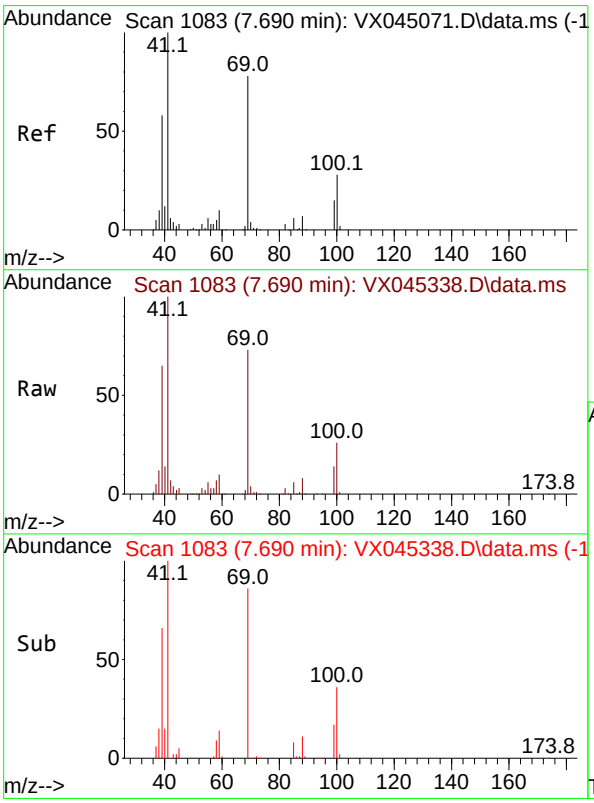
#47
Bromodichloromethane
Concen: 58.336 ug/l
RT: 7.818 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 90721

Ion	Ratio	Lower	Upper
83	100		
85	62.6	51.1	76.7
127	7.1	6.4	9.6

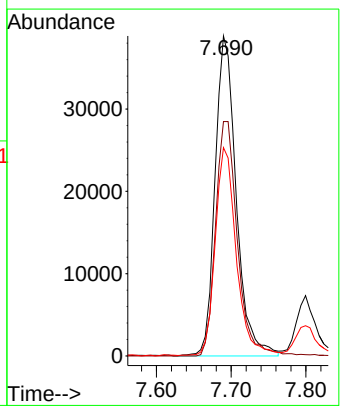


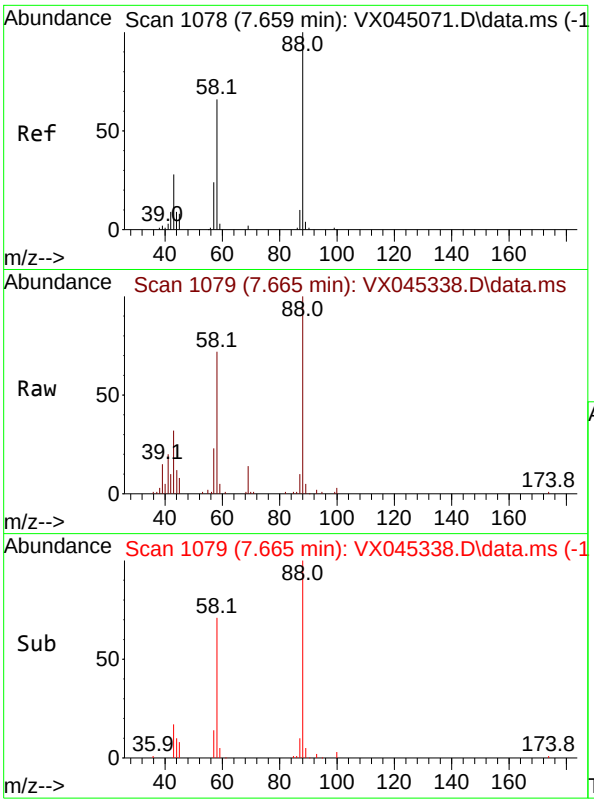


#48
Methyl methacrylate
Concen: 57.992 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 41 Resp: 76591

Ion	Ratio	Lower	Upper
41	100		
69	76.1	63.0	94.6
39	64.5	47.5	71.3



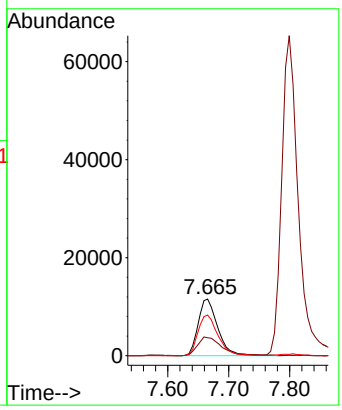


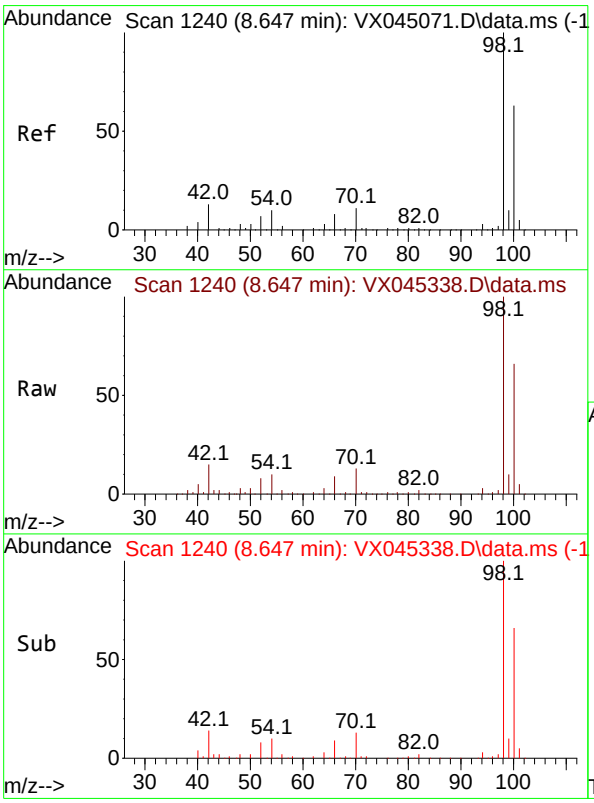
#49
1,4-Dioxane
Concen: 924.511 ug/l
RT: 7.665 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 25756

Ion	Ratio	Lower	Upper
88	100		
43	40.2	28.7	43.1
58	73.5	55.8	83.8

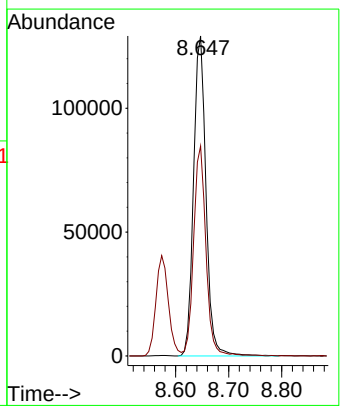


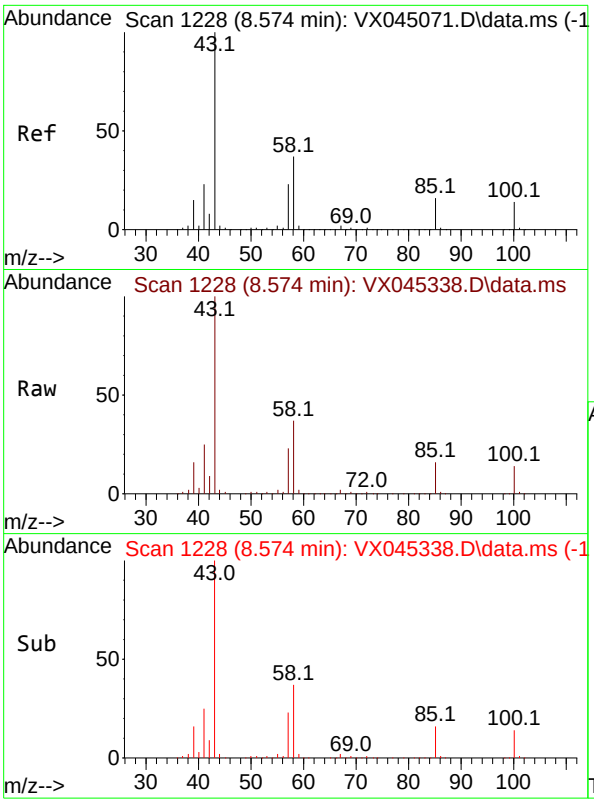


#50
Toluene-d8
Concen: 57.538 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 98 Resp: 210146

Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.0	78.0



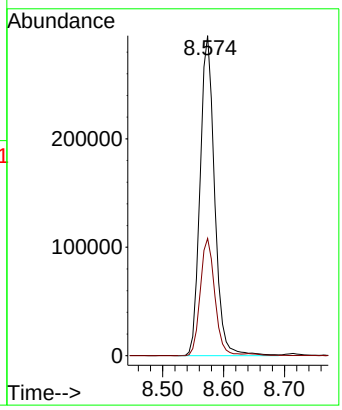


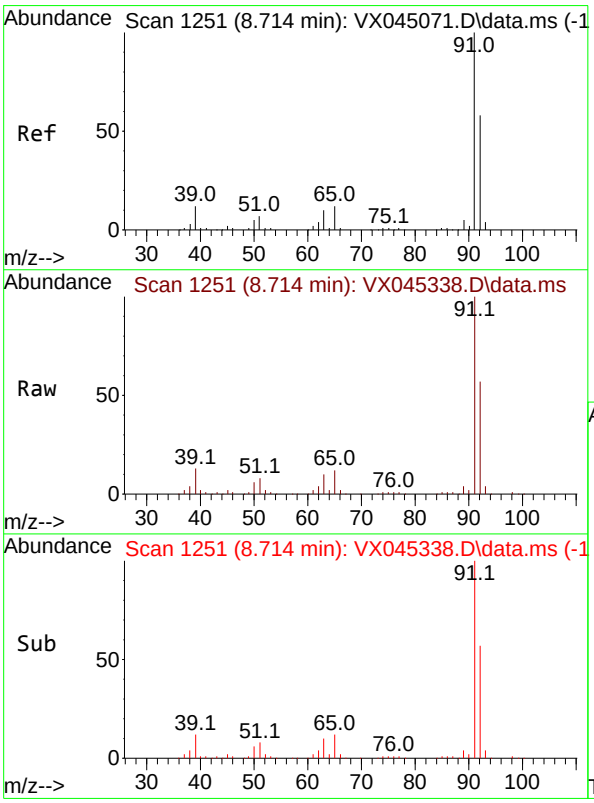
#51
4-Methyl-2-Pentanone
Concen: 277.341 ug/l
RT: 8.574 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 490226

Ion	Ratio	Lower	Upper
43	100		
58	36.6	29.2	43.8

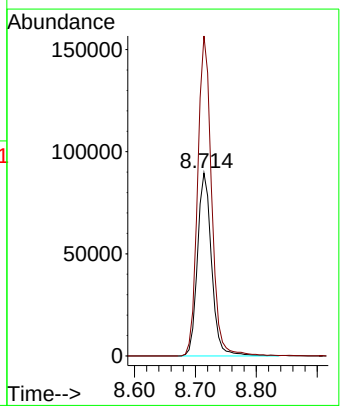


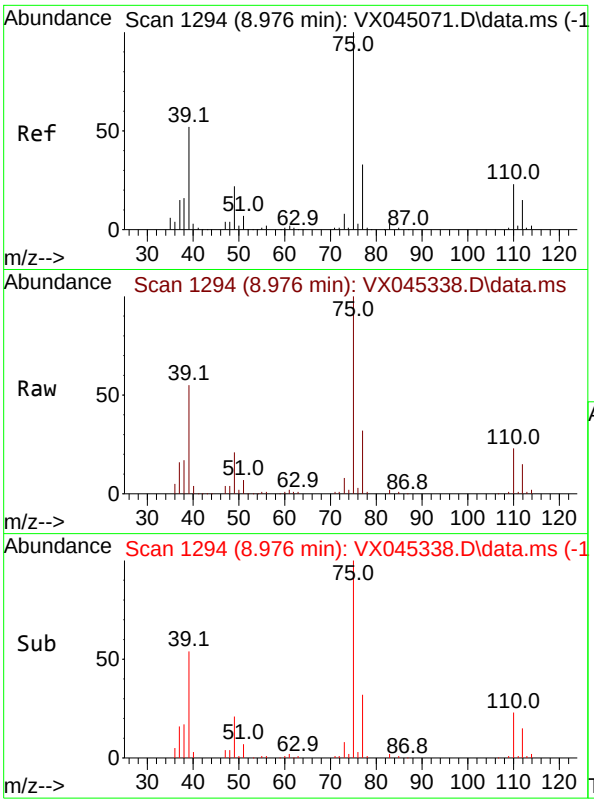


#52
Toluene
Concen: 56.134 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 92 Resp: 143688

Ion	Ratio	Lower	Upper
92	100		
91	173.7	138.9	208.3



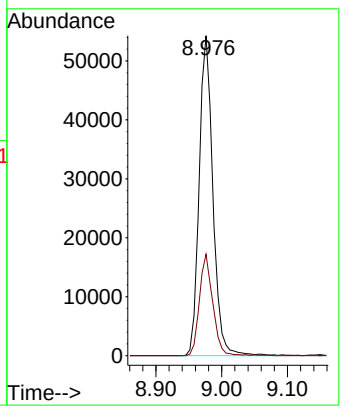


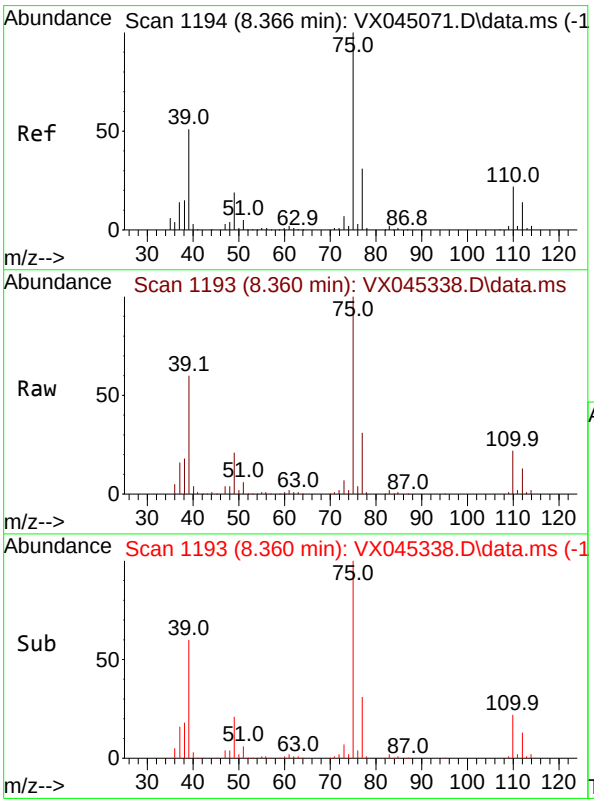
#53
t-1,3-Dichloropropene
Concen: 60.605 ug/l
RT: 8.976 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 78792

Ion	Ratio	Lower	Upper
75	100		
77	31.7	26.5	39.7

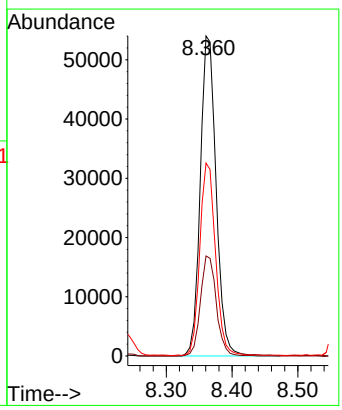


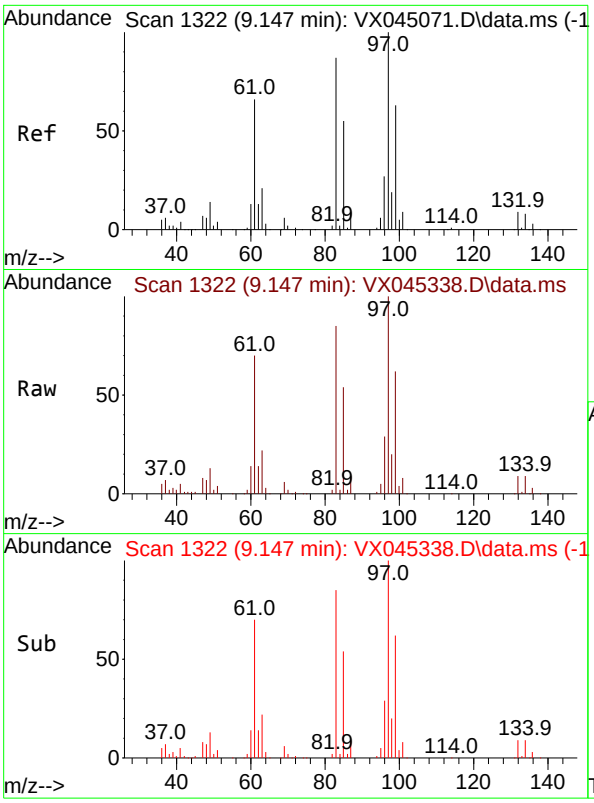


#54
cis-1,3-Dichloropropene
Concen: 59.696 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 75 Resp: 90501

Ion	Ratio	Lower	Upper
75	100		
77	31.3	24.7	37.1
39	60.0	40.7	61.1



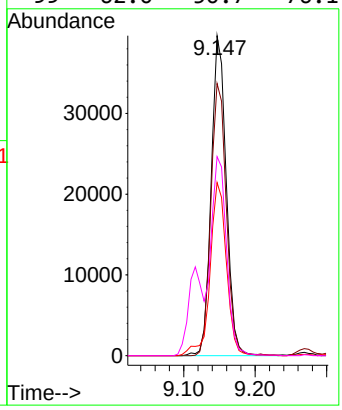


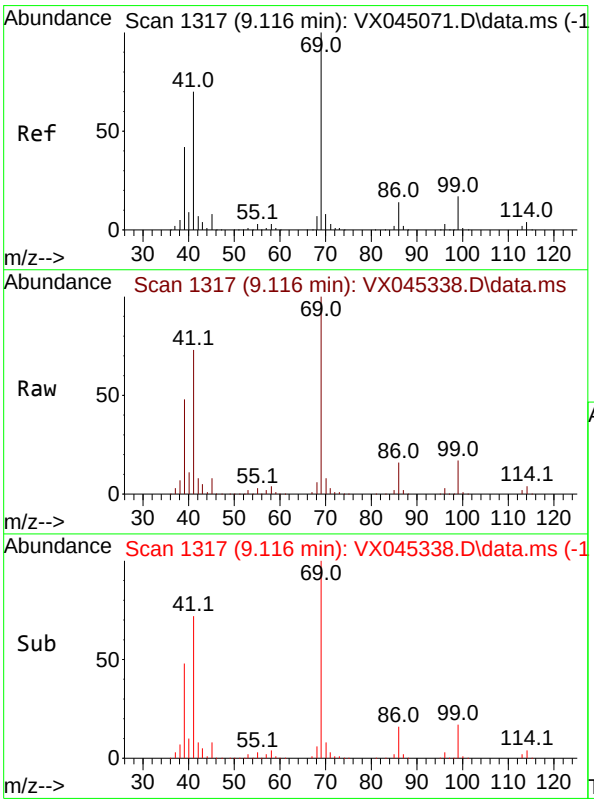
#55
1,1,2-Trichloroethane
Concen: 55.051 ug/l
RT: 9.147 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 58012

Ion	Ratio	Lower	Upper
97	100		
83	85.1	69.4	104.2
85	54.1	44.1	66.1
99	62.0	50.7	76.1

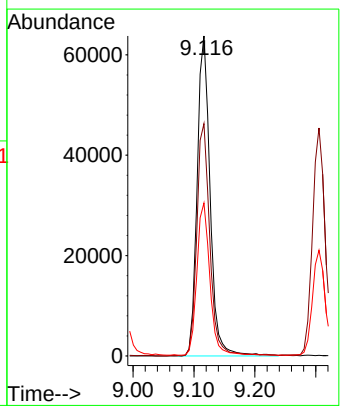


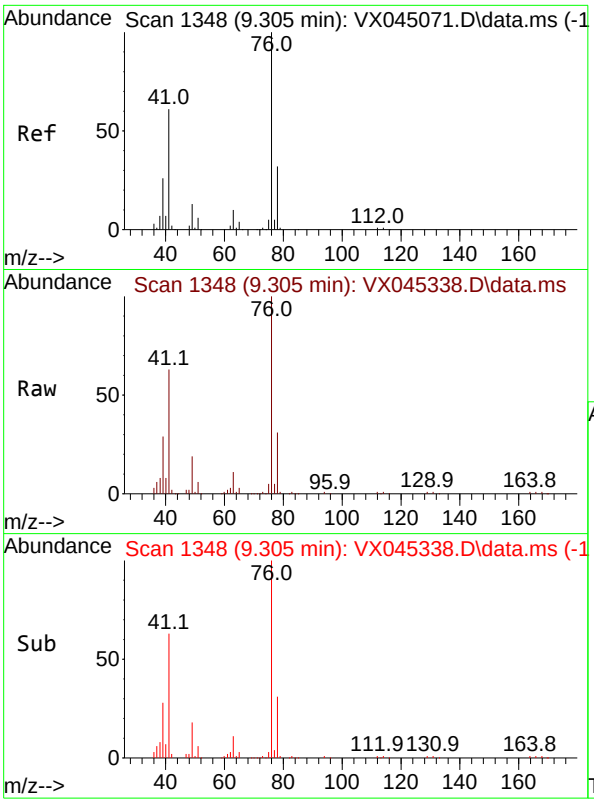


#56
Ethyl methacrylate
Concen: 58.695 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 69 Resp: 94019

Ion	Ratio	Lower	Upper
69	100		
41	73.6	57.0	85.4
39	48.2	34.2	51.4



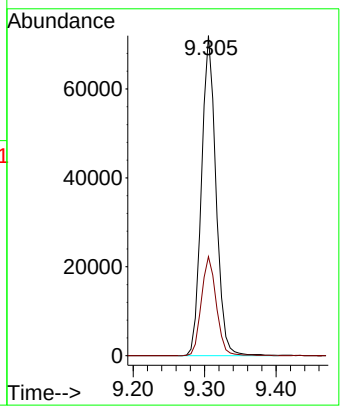


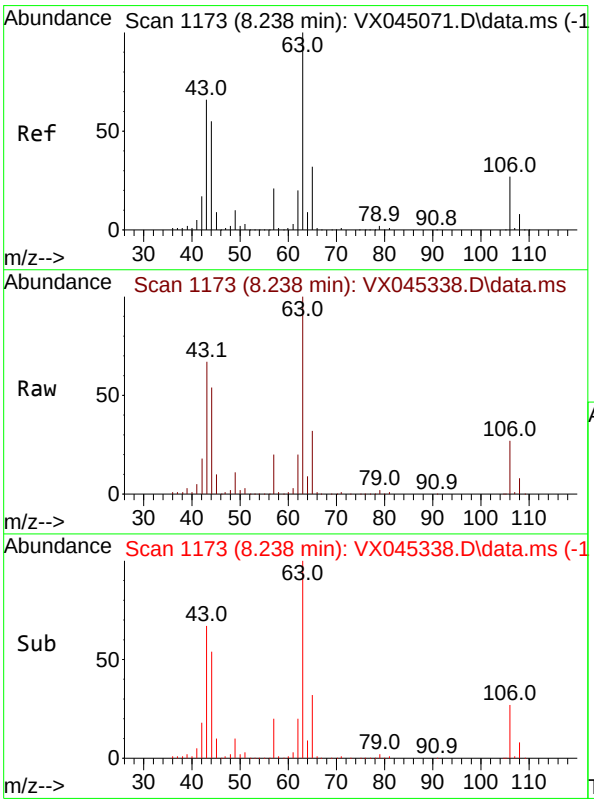
#57
1,3-Dichloropropane
Concen: 55.593 ug/l
RT: 9.305 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 101382

Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.5	38.3

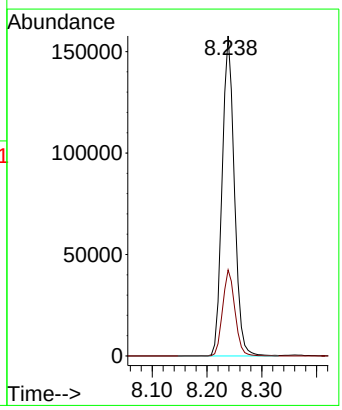


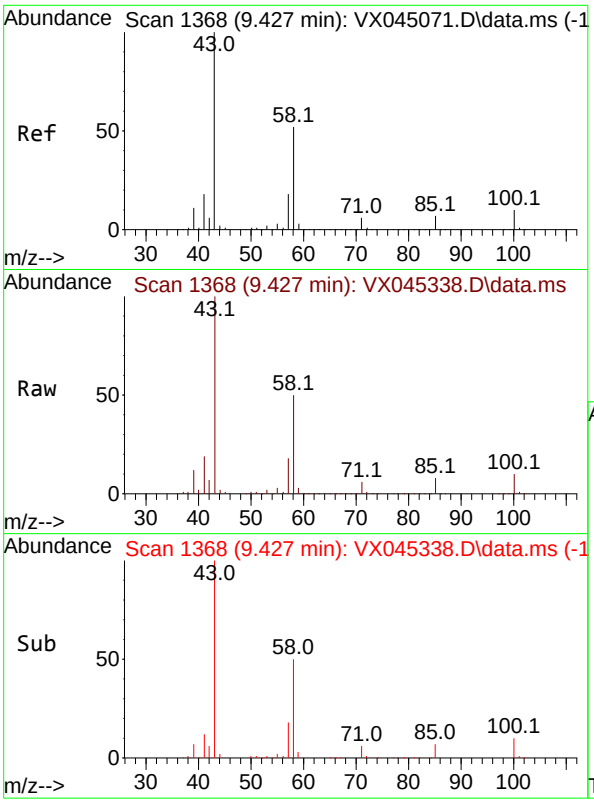


#58
2-Chloroethyl Vinyl ether
Concen: 314.370 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 63 Resp: 245641

Ion	Ratio	Lower	Upper
63	100		
106	27.0	21.5	32.3



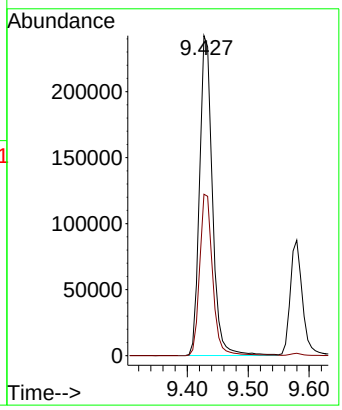


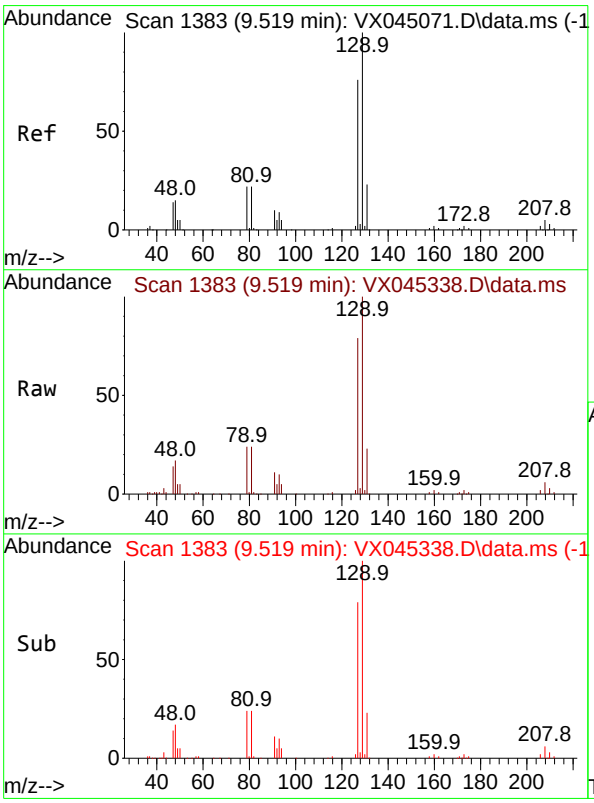
#59
2-Hexanone
Concen: 277.843 ug/l
RT: 9.427 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 355832

Ion	Ratio	Lower	Upper
43	100		
58	51.2	25.9	77.6

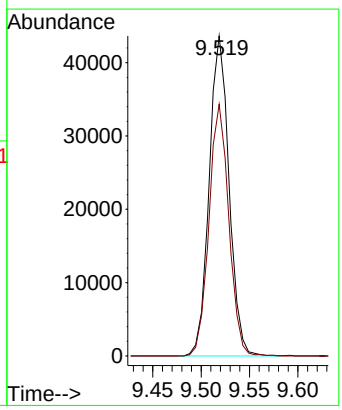


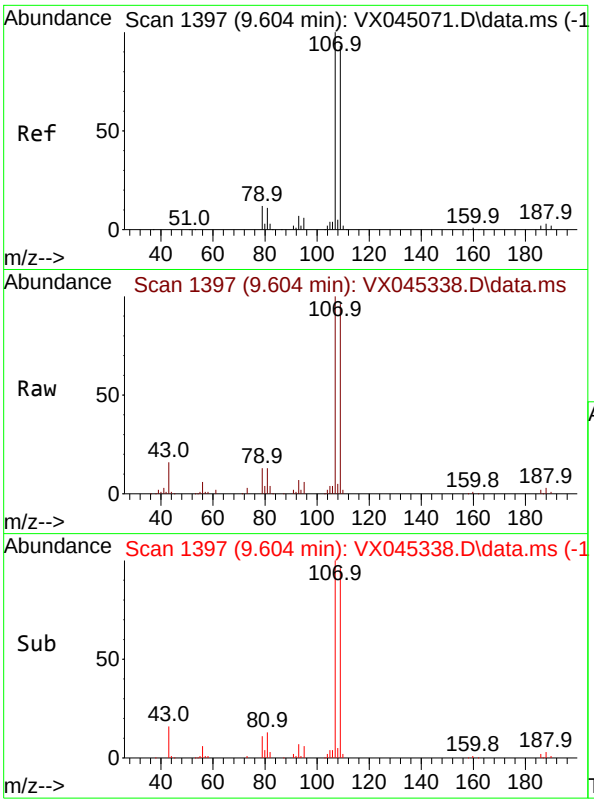


#60
Dibromochloromethane
Concen: 56.538 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion:129 Resp: 62295

Ion	Ratio	Lower	Upper
129	100		
127	78.5	38.5	115.5



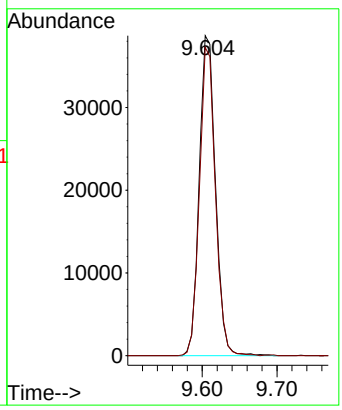


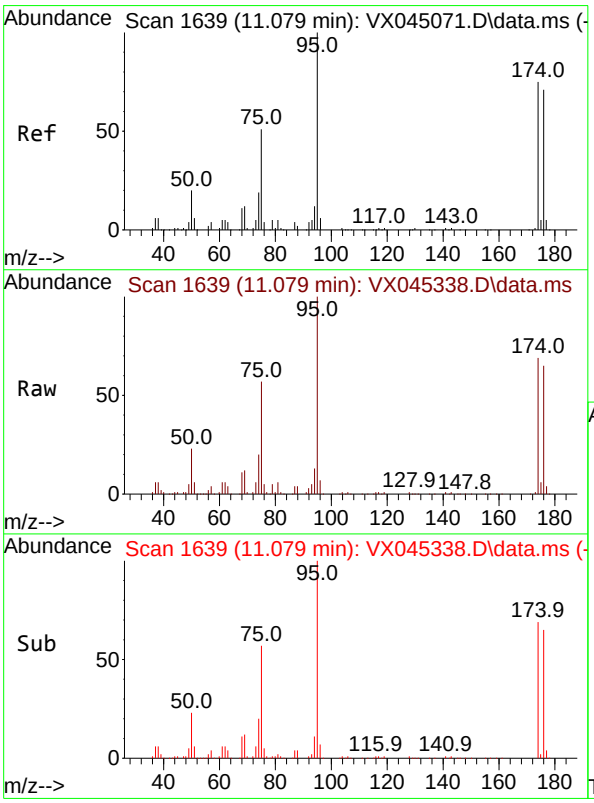
#61
1,2-Dibromoethane
Concen: 55.404 ug/l
RT: 9.604 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 58284

Ion	Ratio	Lower	Upper
107	100		
109	94.7	76.1	114.1

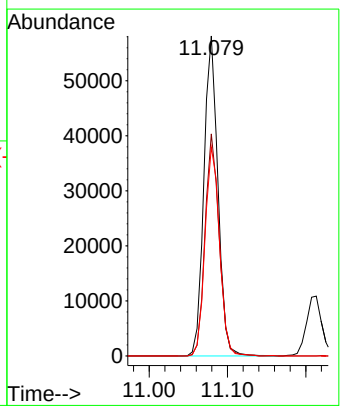


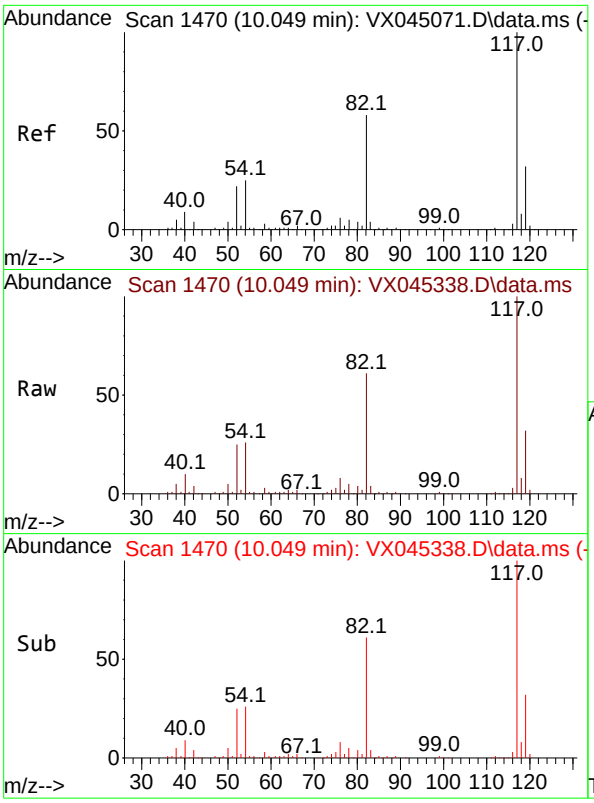


#62
4-Bromofluorobenzene
Concen: 59.628 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 95 Resp: 72166

Ion	Ratio	Lower	Upper
95	100		
174	69.5	0.0	148.2
176	67.5	0.0	141.4



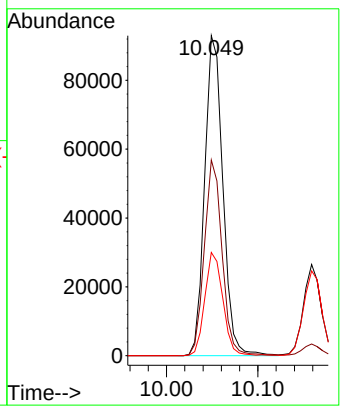


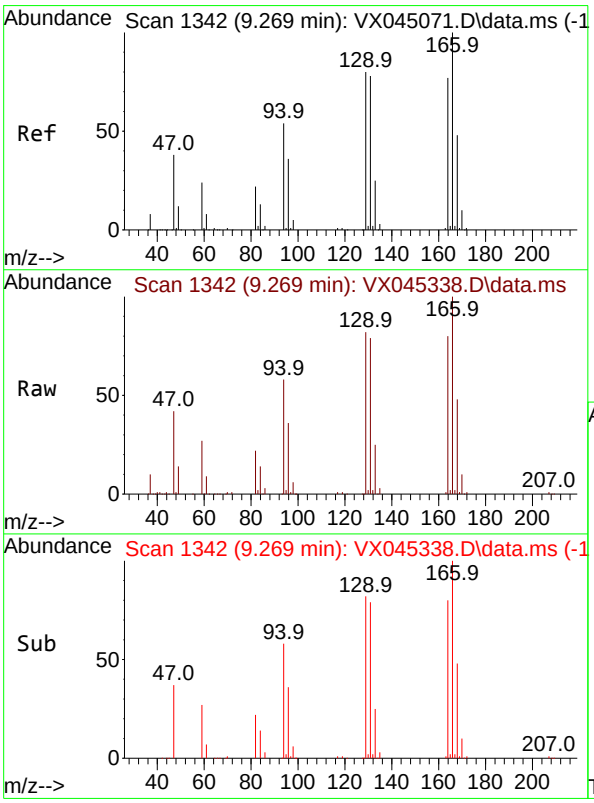
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 128192

Ion	Ratio	Lower	Upper
117	100		
82	61.2	46.3	69.5
119	32.3	25.7	38.5

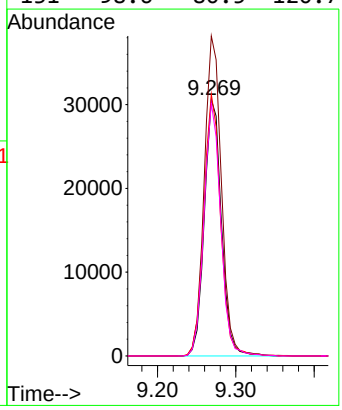


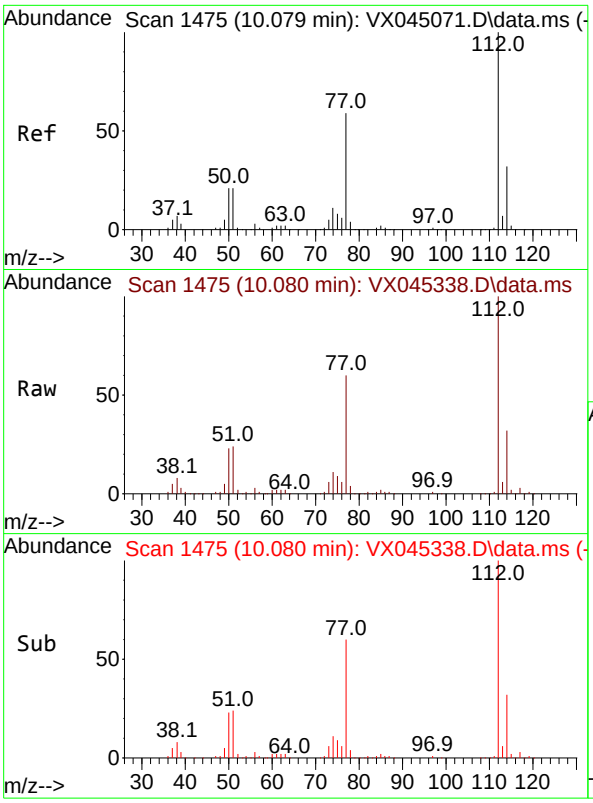


#64
Tetrachloroethene
Concen: 56.125 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion:164 Resp: 46080

Ion	Ratio	Lower	Upper
164	100		
166	124.8	103.6	155.4
129	102.2	82.7	124.1
131	98.6	80.5	120.7



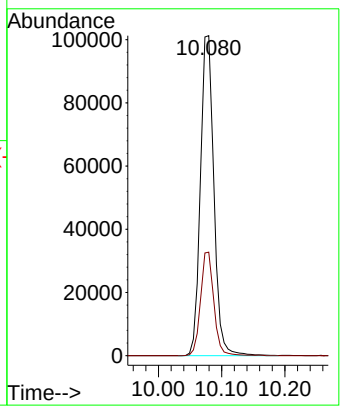


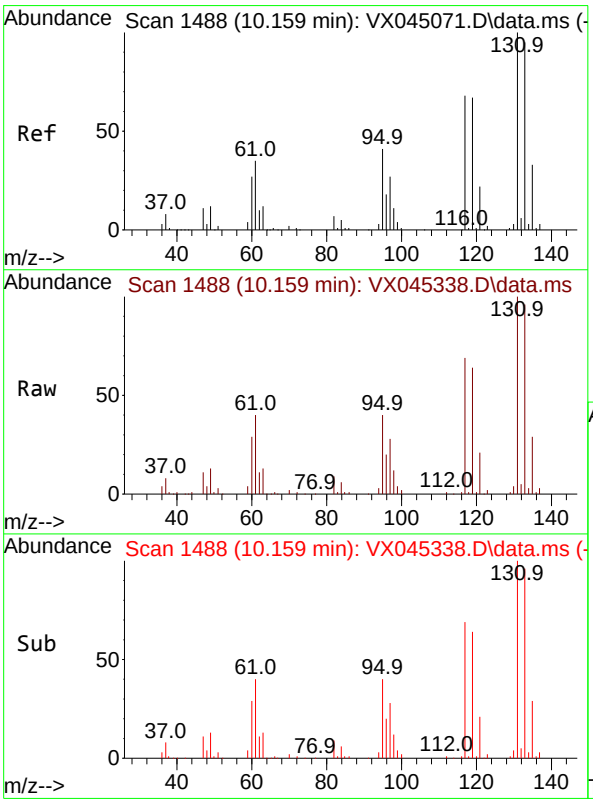
#65
Chlorobenzene
Concen: 55.590 ug/l
RT: 10.080 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 150788

Ion	Ratio	Lower	Upper
112	100		
114	32.4	26.0	39.0

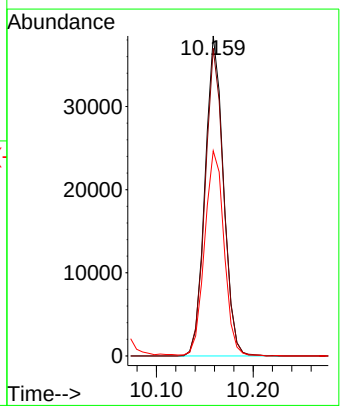


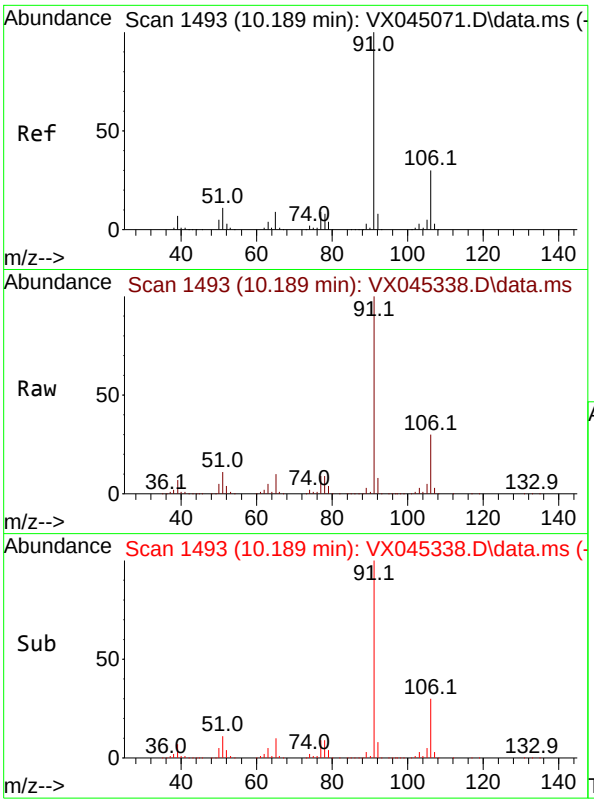


#66
1,1,1,2-Tetrachloroethane
Concen: 56.285 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion:131 Resp: 50844

Ion	Ratio	Lower	Upper
131	100		
133	96.5	48.6	145.9
119	67.6	33.9	101.7



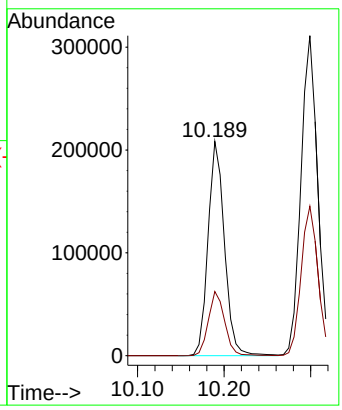


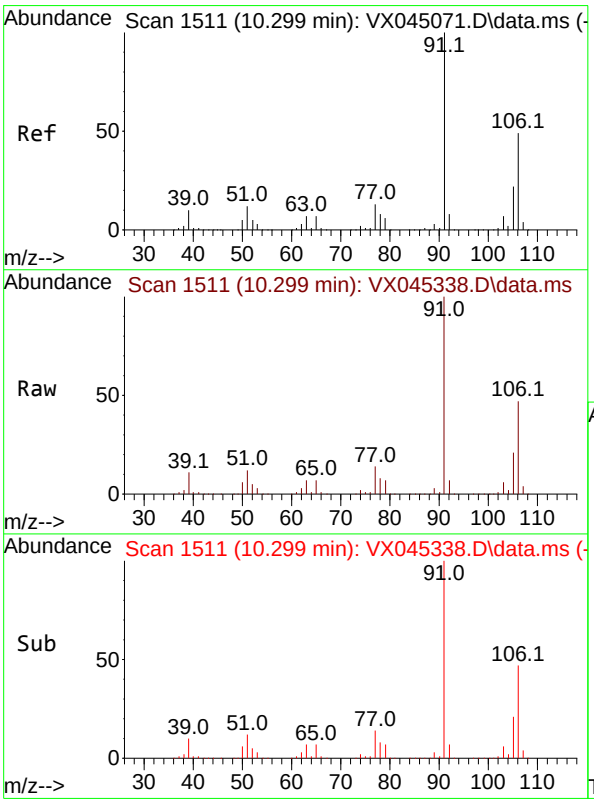
#67
Ethyl Benzene
Concen: 57.969 ug/l
RT: 10.189 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 273984

Ion	Ratio	Lower	Upper
91	100		
106	30.0	23.9	35.9

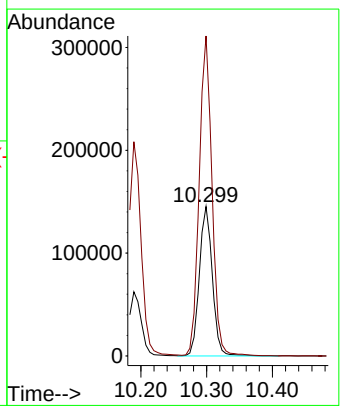


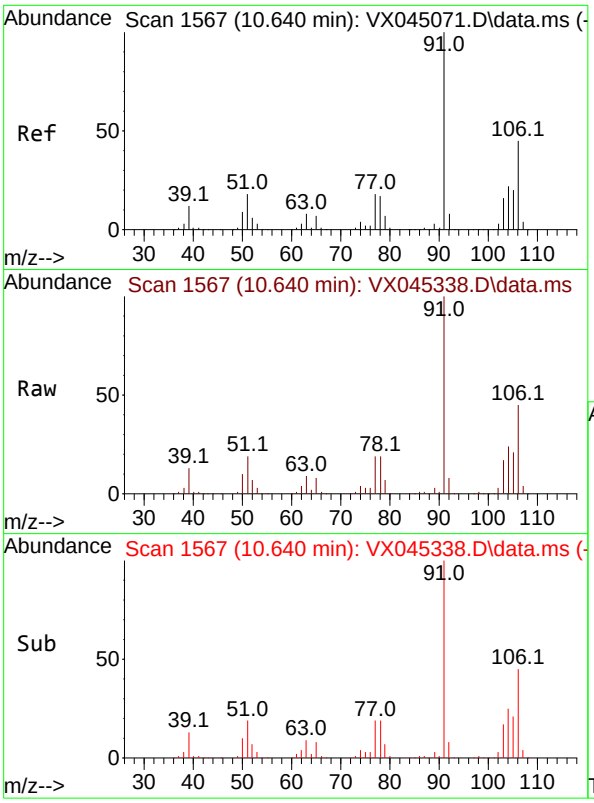


#68
m/p-Xylenes
Concen: 115.095 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion:106 Resp: 199139

Ion	Ratio	Lower	Upper
106	100		
91	211.0	165.4	248.0



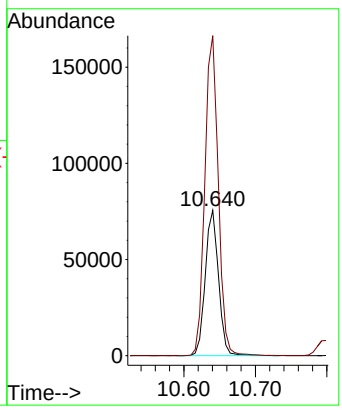


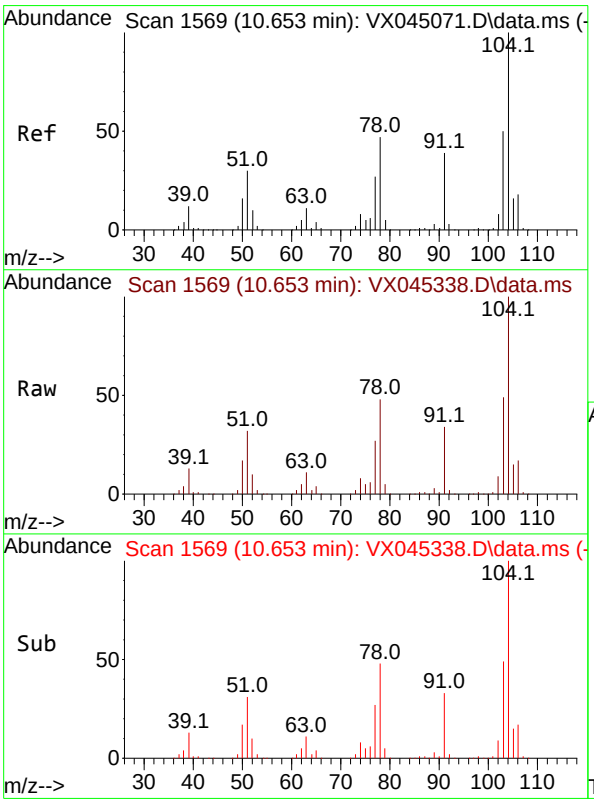
#69
o-Xylene
Concen: 55.670 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 97145

Ion	Ratio	Lower	Upper
106	100		
91	223.8	109.9	329.6

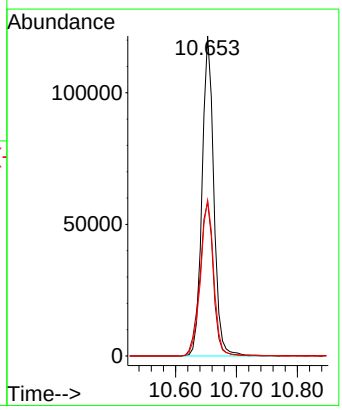


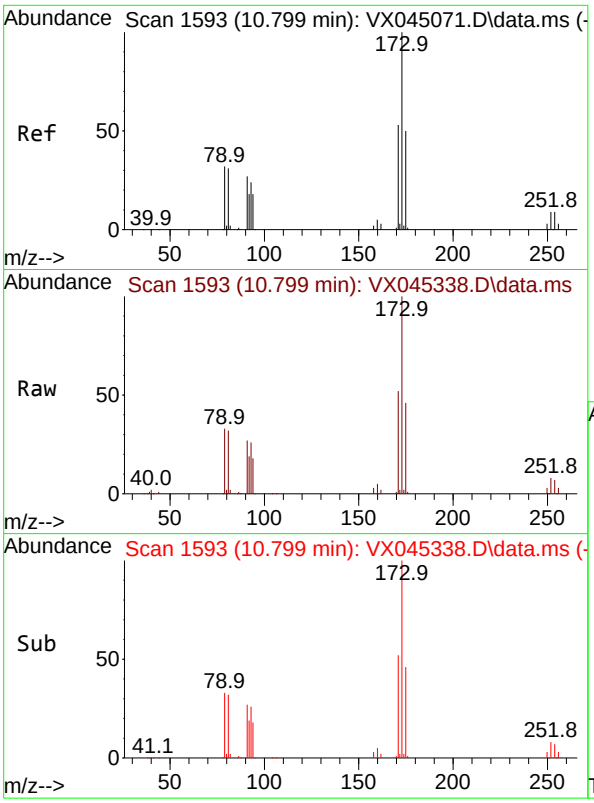


#70
Styrene
Concen: 57.851 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion:104 Resp: 163347

Ion	Ratio	Lower	Upper
104	100		
78	55.0	42.2	63.4
103	54.8	43.8	65.8



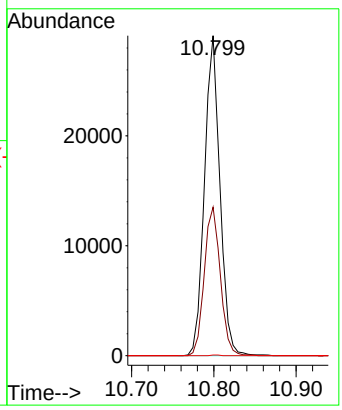


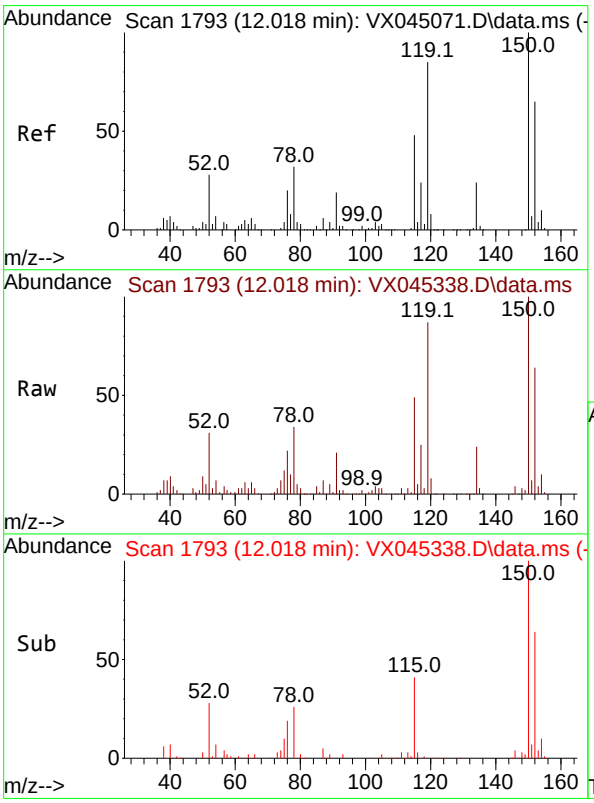
#71
Bromoform
Concen: 55.853 ug/l
RT: 10.799 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 38046

Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.6	73.6
254	0.1	0.0	0.0#

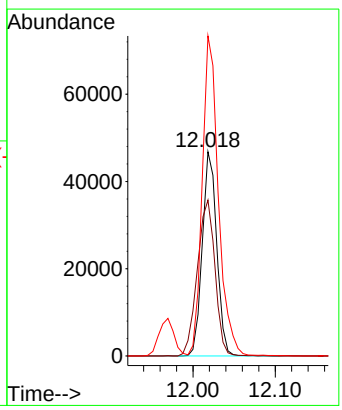


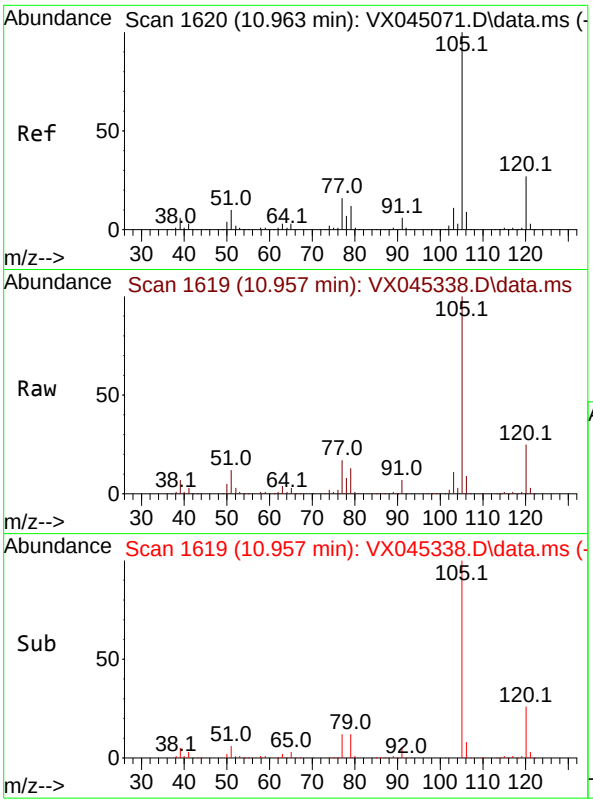


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion:152 Resp: 57337

Ion	Ratio	Lower	Upper
152	100		
115	93.3	44.2	132.6
150	175.1	0.0	349.0



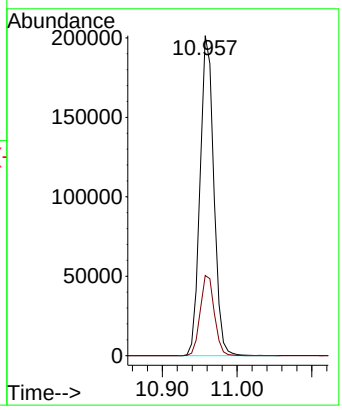


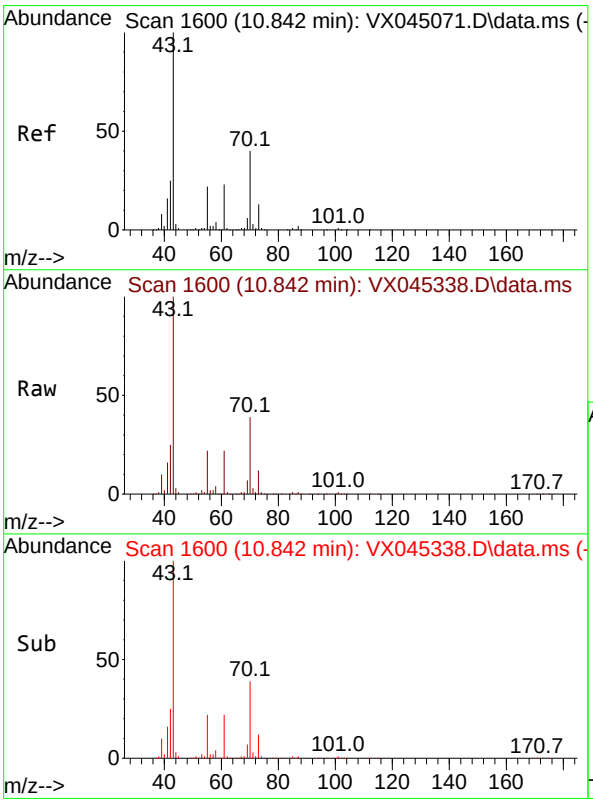
#73
Isopropylbenzene
Concen: 57.476 ug/l
RT: 10.957 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 257226

Ion	Ratio	Lower	Upper
105	100		
120	25.8	13.2	39.5

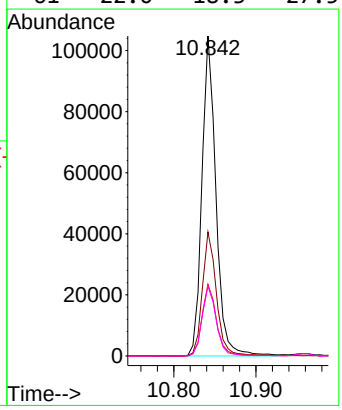


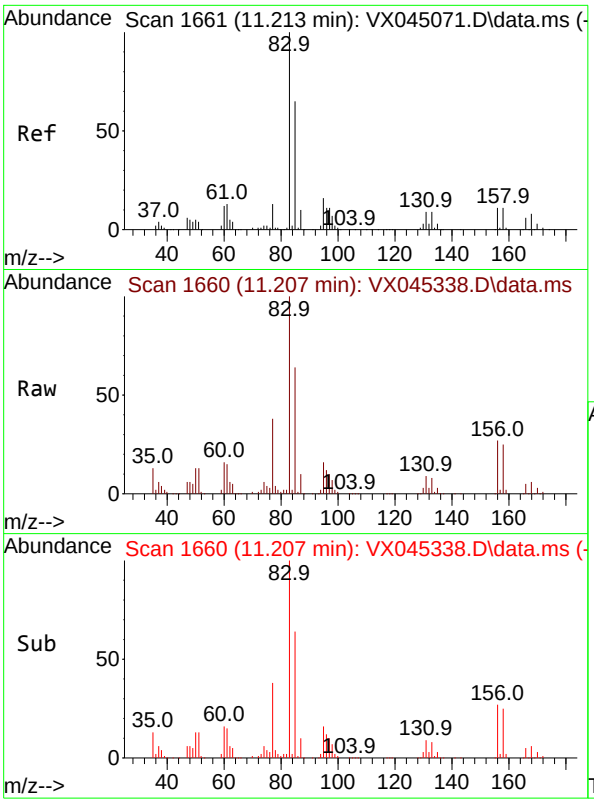


#74
N-amyl acetate
Concen: 59.082 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 43 Resp: 124071

Ion	Ratio	Lower	Upper
43	100		
70	39.1	31.8	47.6
55	23.3	18.3	27.5
61	22.0	18.3	27.5



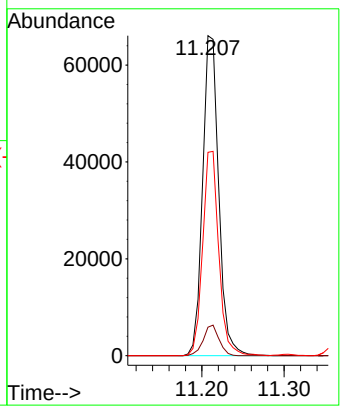


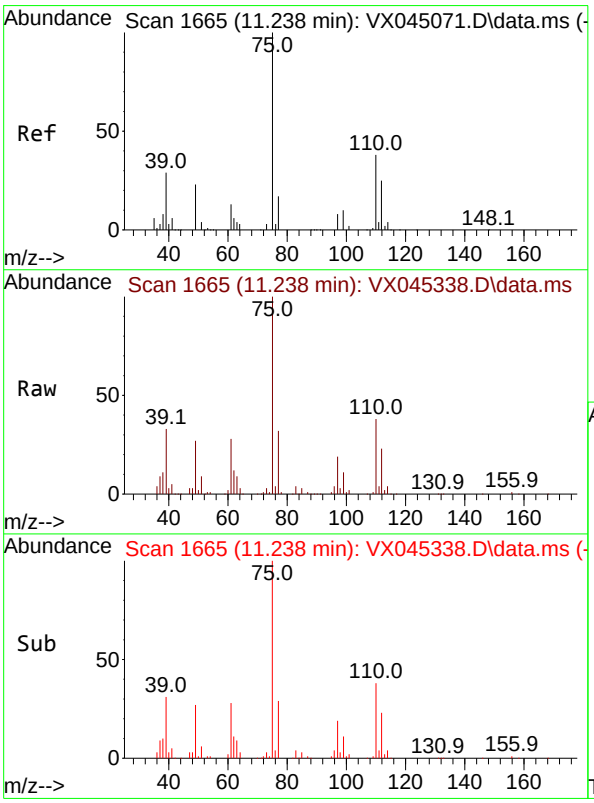
#75
1,1,2,2-Tetrachloroethane
Concen: 54.683 ug/l
RT: 11.207 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 89804

Ion	Ratio	Lower	Upper
83	100		
131	9.4	4.5	13.4
85	63.9	31.7	95.1

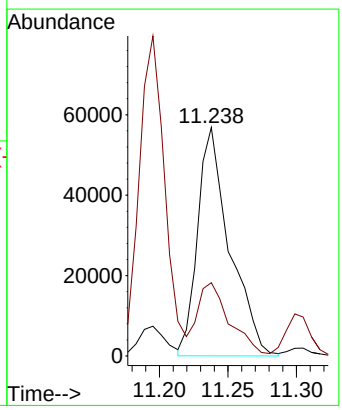


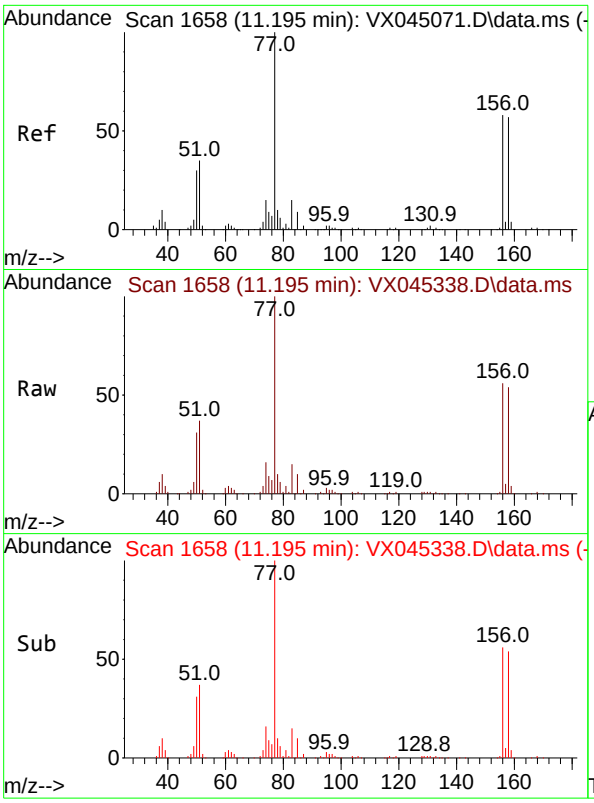


#76
1,2,3-Trichloropropane
Concen: 69.312 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 75 Resp: 92499

Ion	Ratio	Lower	Upper
75	100		
77	32.2	20.7	62.1



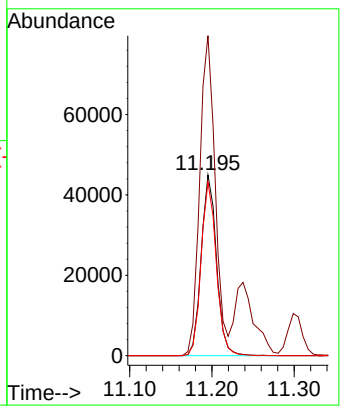


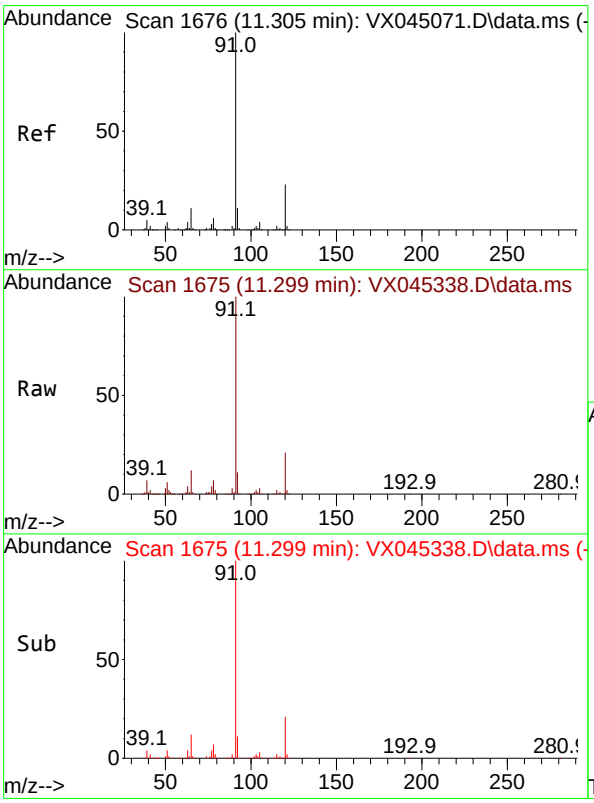
#77
Bromobenzene
Concen: 55.031 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 58108

Ion	Ratio	Lower	Upper
156	100		
77	178.8	85.8	257.4
158	95.2	48.4	145.2

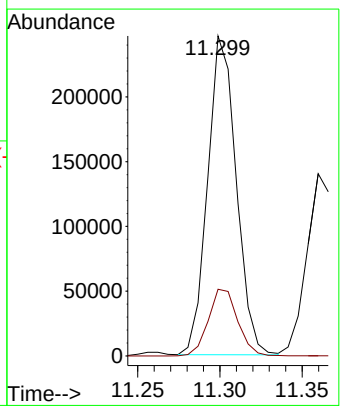


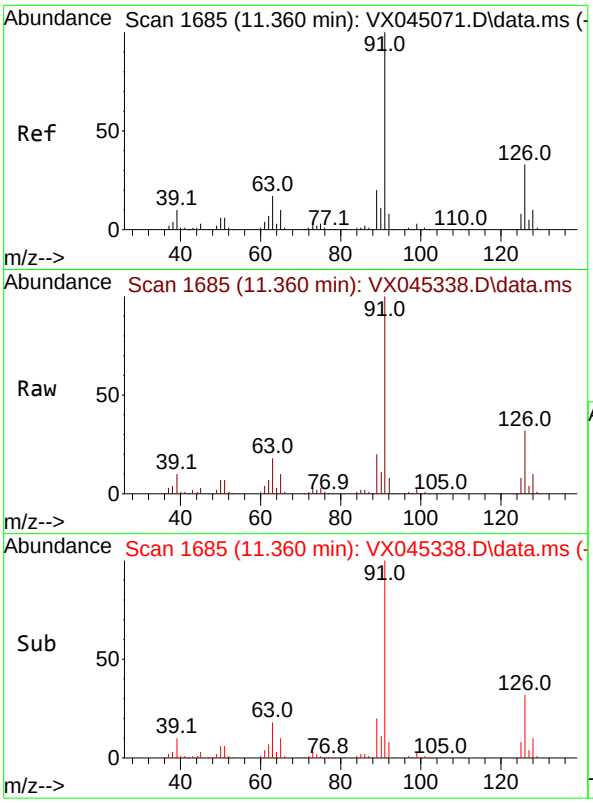


#78
n-propylbenzene
Concen: 58.944 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 91 Resp: 297988

Ion	Ratio	Lower	Upper
91	100		
120	21.6	11.2	33.6



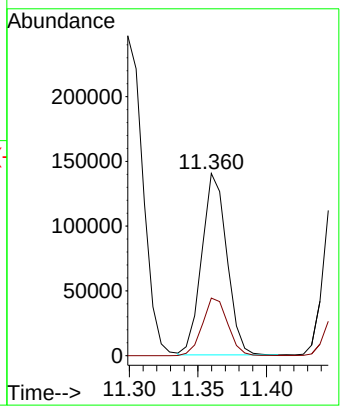


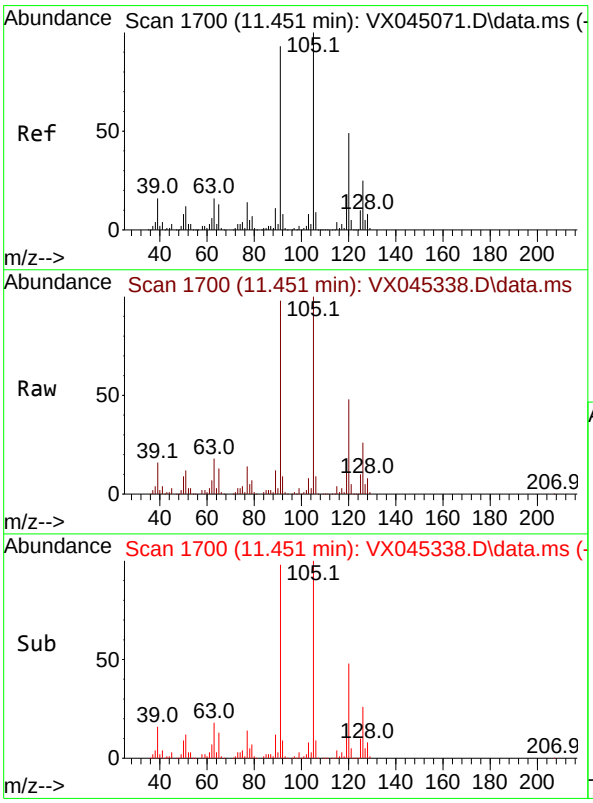
#79
2-Chlorotoluene
Concen: 55.342 ug/l
RT: 11.360 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 178182

Ion	Ratio	Lower	Upper
91	100		
126	32.3	16.4	49.4

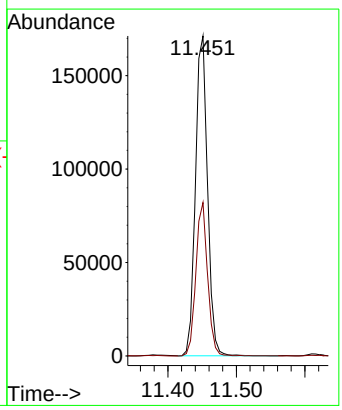


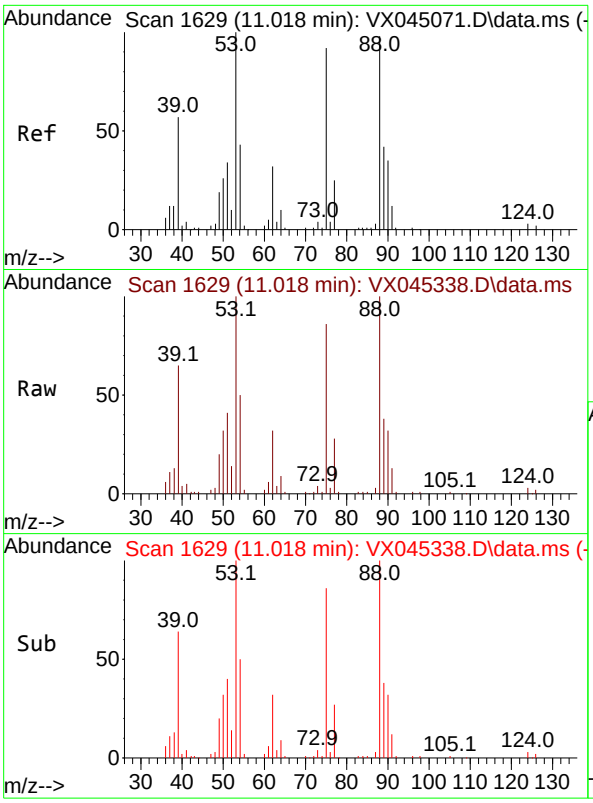


#80
1,3,5-Trimethylbenzene
Concen: 58.095 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion:105 Resp: 210225

Ion	Ratio	Lower	Upper
105	100		
120	46.6	24.1	72.2



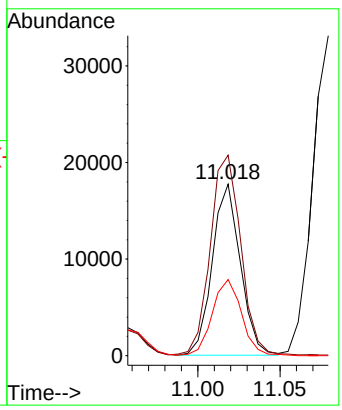


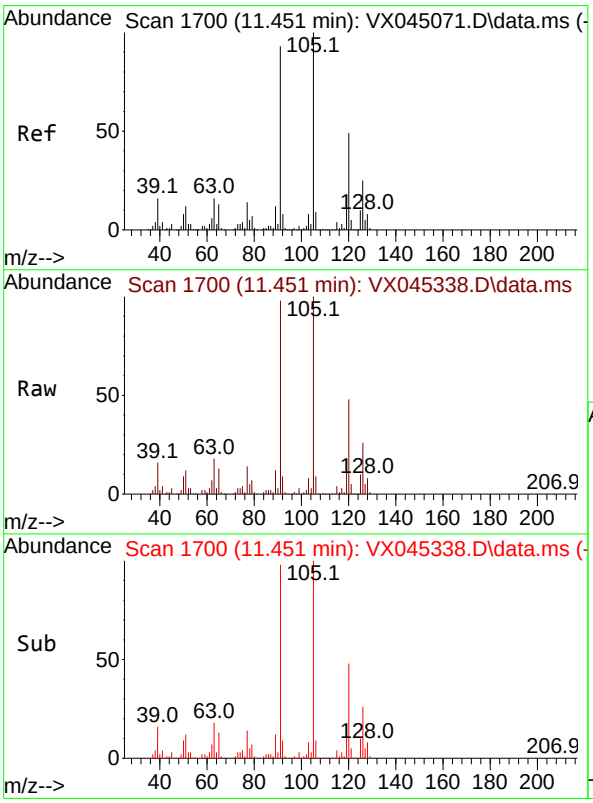
#81
trans-1,4-Dichloro-2-butene
Concen: 53.903 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 21020

Ion	Ratio	Lower	Upper
75	100		
53	128.7	88.5	132.7
89	46.5	36.2	54.4

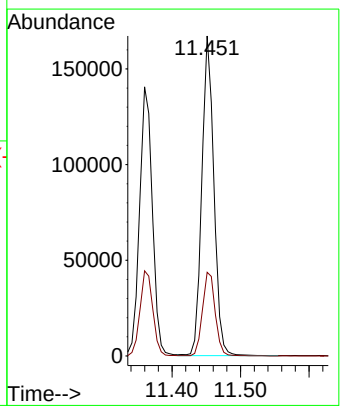


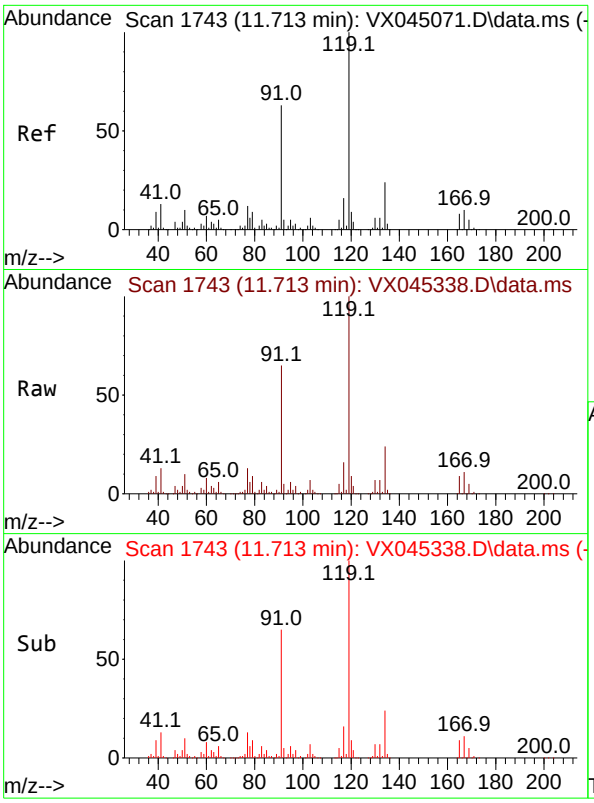


#82
4-Chlorotoluene
Concen: 58.329 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 91 Resp: 204674

Ion	Ratio	Lower	Upper
91	100		
126	27.7	14.1	42.4



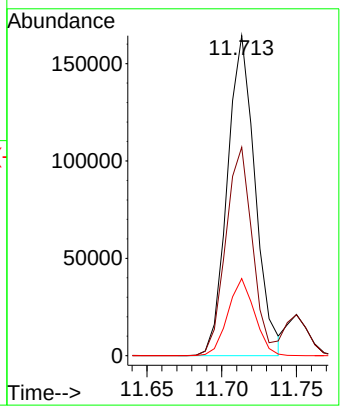


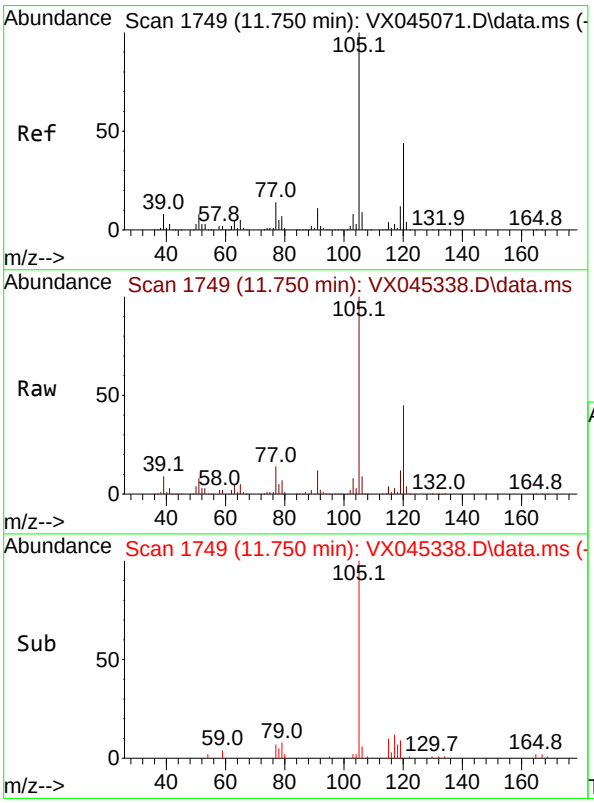
#83
tert-Butylbenzene
Concen: 57.007 ug/l
RT: 11.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 211957

Ion	Ratio	Lower	Upper
119	100		
91	62.3	30.7	92.1
134	23.2	11.7	35.0

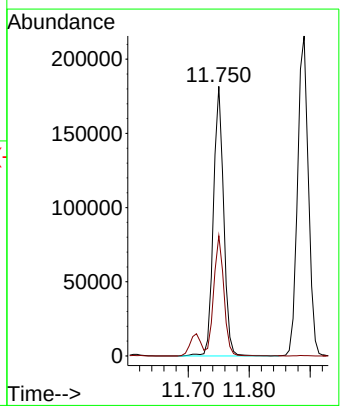


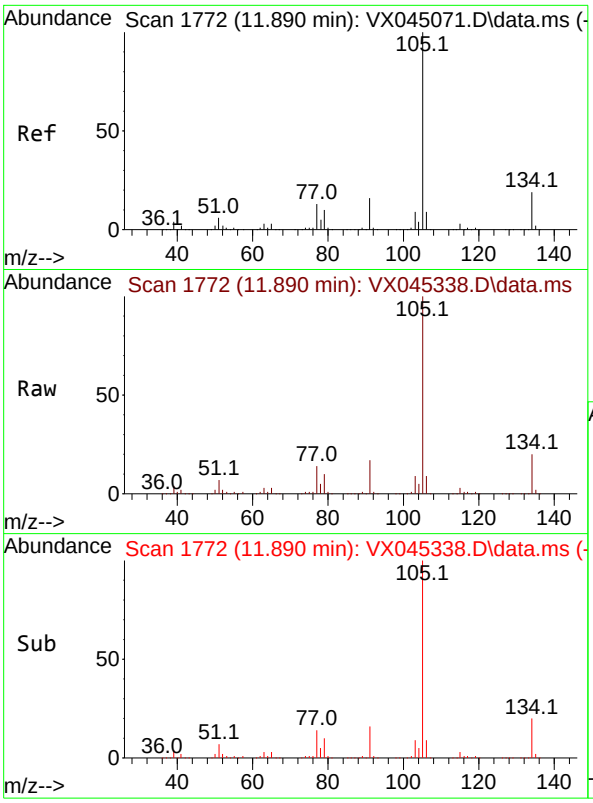


#84
1,2,4-Trimethylbenzene
Concen: 58.152 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion:105 Resp: 211733

Ion	Ratio	Lower	Upper
105	100		
120	44.0	22.1	66.1



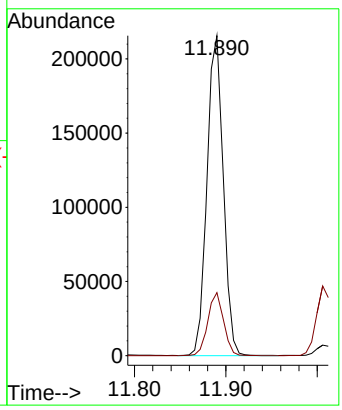


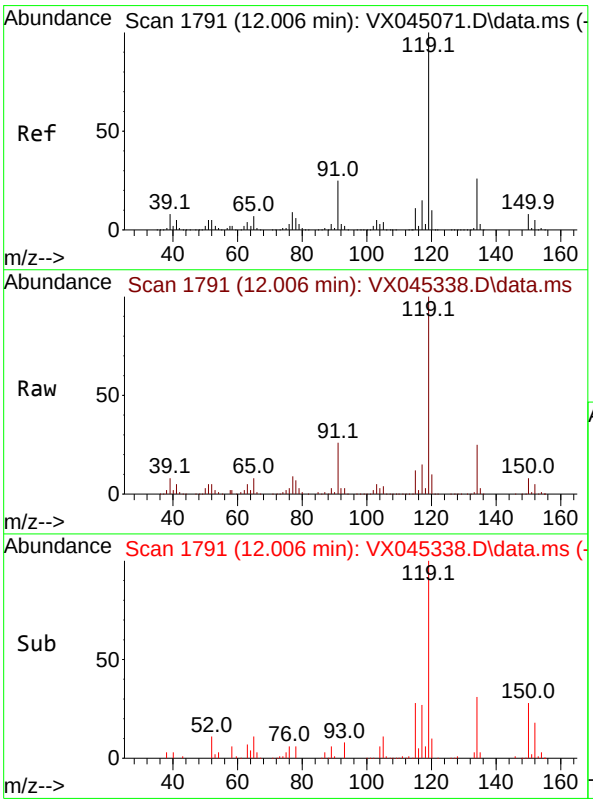
#85
sec-Butylbenzene
Concen: 59.861 ug/l
RT: 11.890 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 266604

Ion	Ratio	Lower	Upper
105	100		
134	19.1	9.8	29.4

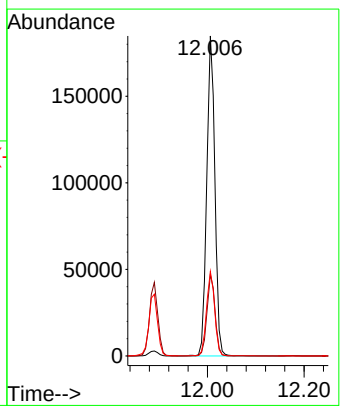


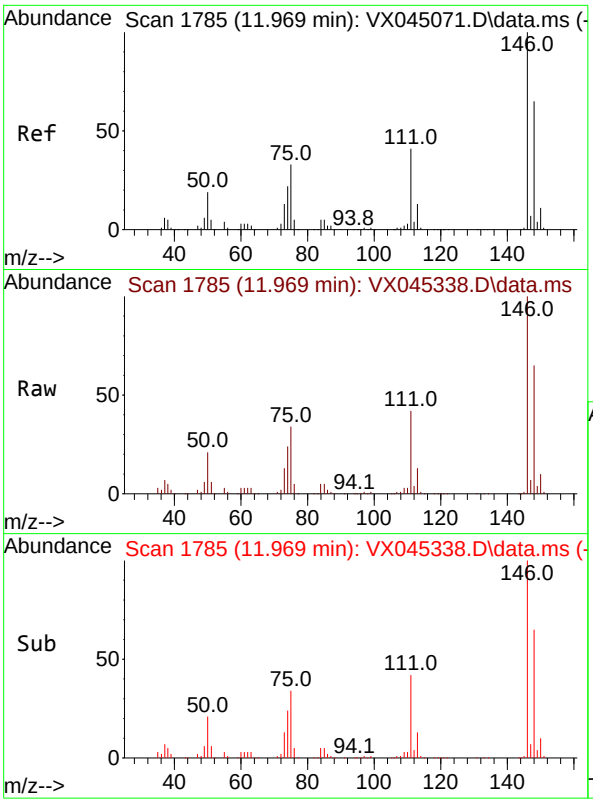


#86
p-Isopropyltoluene
Concen: 60.215 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion:119 Resp: 216728

Ion	Ratio	Lower	Upper
119	100		
134	25.3	12.9	38.6
91	26.6	12.7	38.0



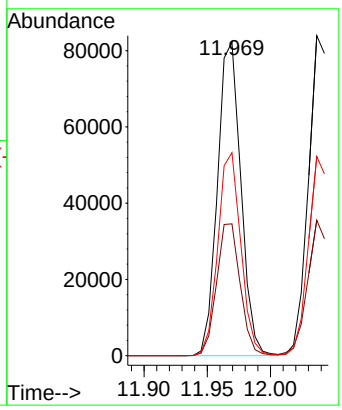


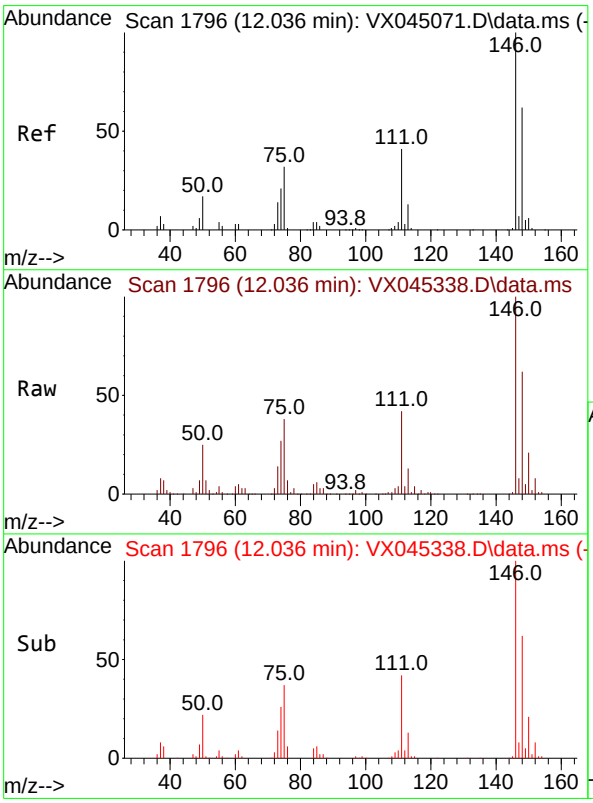
#87
1,3-Dichlorobenzene
Concen: 56.221 ug/l
RT: 11.969 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 105903

Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.1	63.4
148	63.6	31.9	95.7

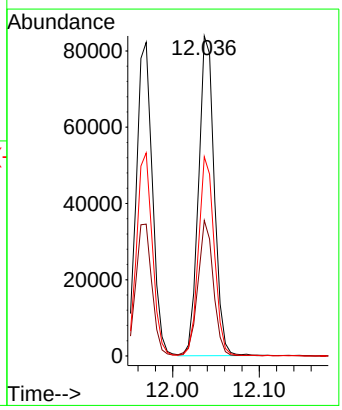


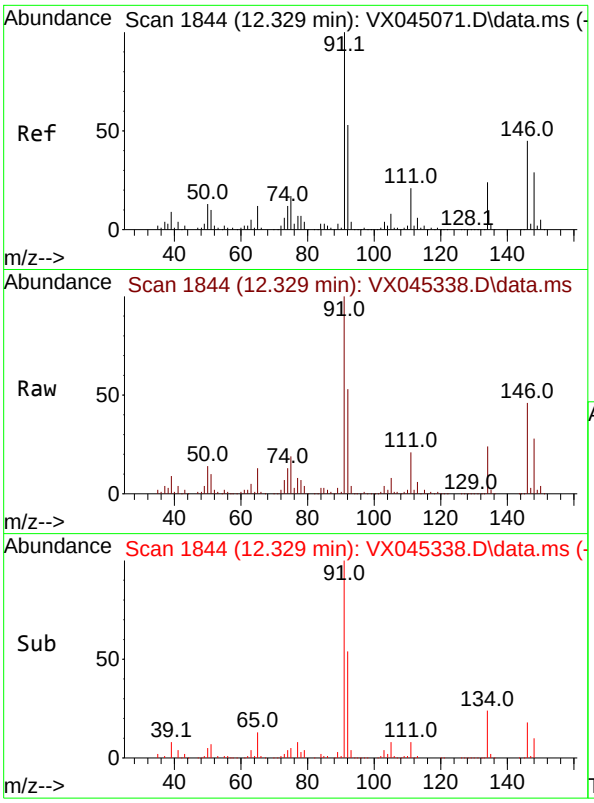


#88
1,4-Dichlorobenzene
Concen: 55.548 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion:146 Resp: 105860

Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.2	60.5
148	62.4	31.9	95.9



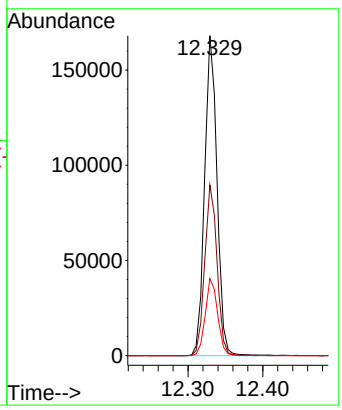


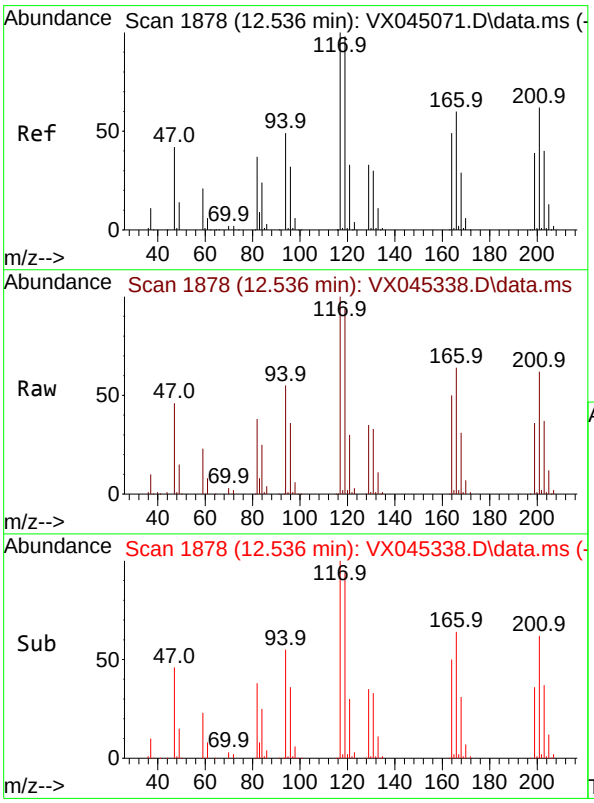
#89
n-Butylbenzene
Concen: 62.324 ug/l
RT: 12.329 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 193200

Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.7	80.0
134	24.1	12.2	36.6

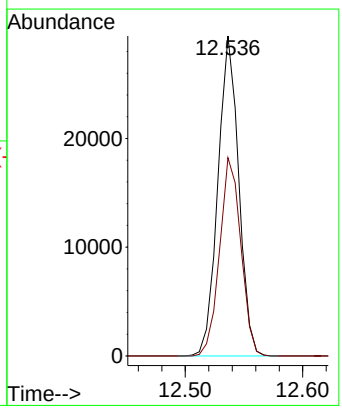


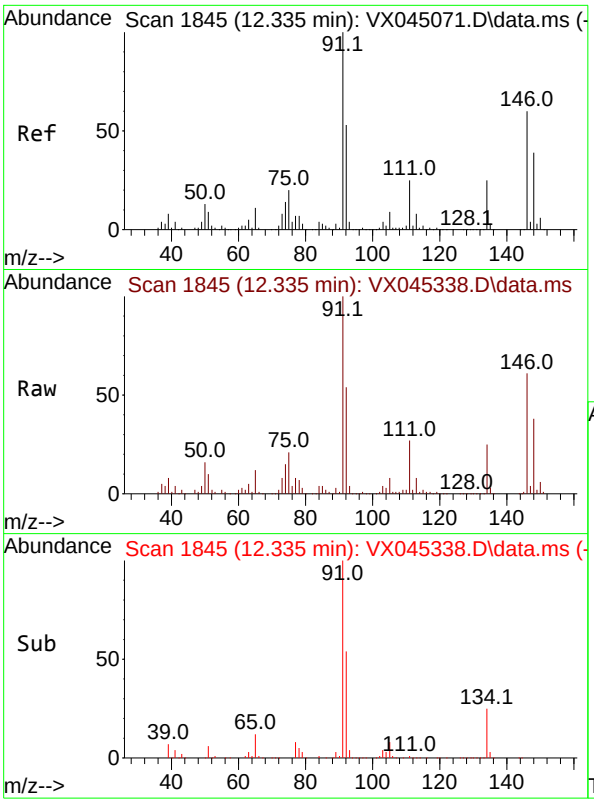


#90
Hexachloroethane
Concen: 55.617 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion:117 Resp: 36208

Ion	Ratio	Lower	Upper
117	100		
201	63.2	31.9	95.9



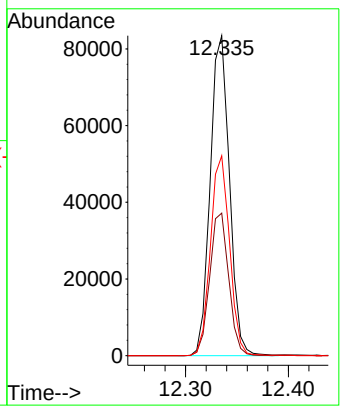


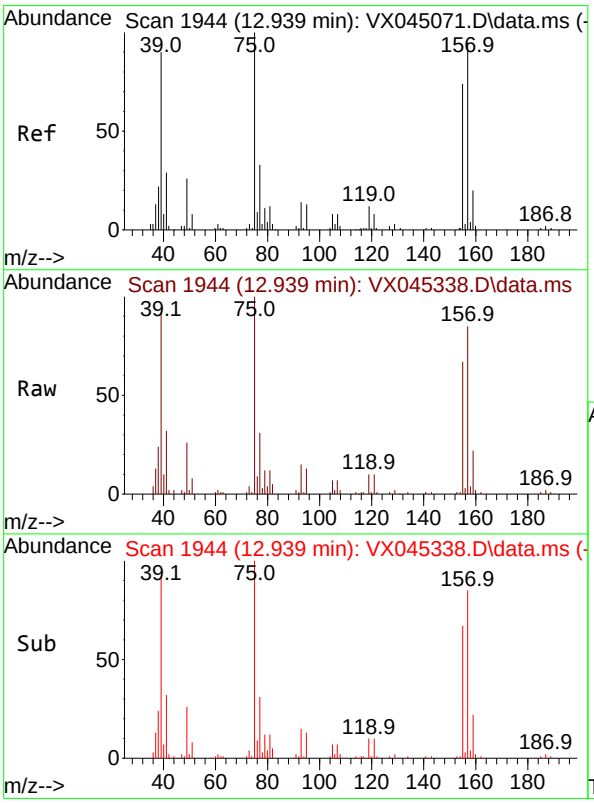
#91
1,2-Dichlorobenzene
Concen: 57.330 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 108332

Ion	Ratio	Lower	Upper
146	100		
111	44.2	21.6	65.0
148	62.2	31.9	95.9

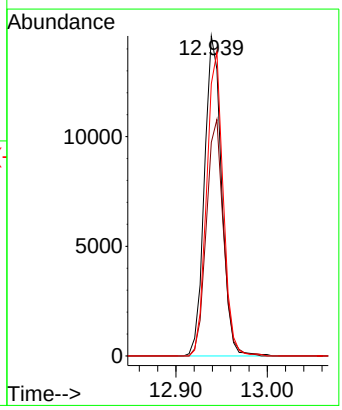


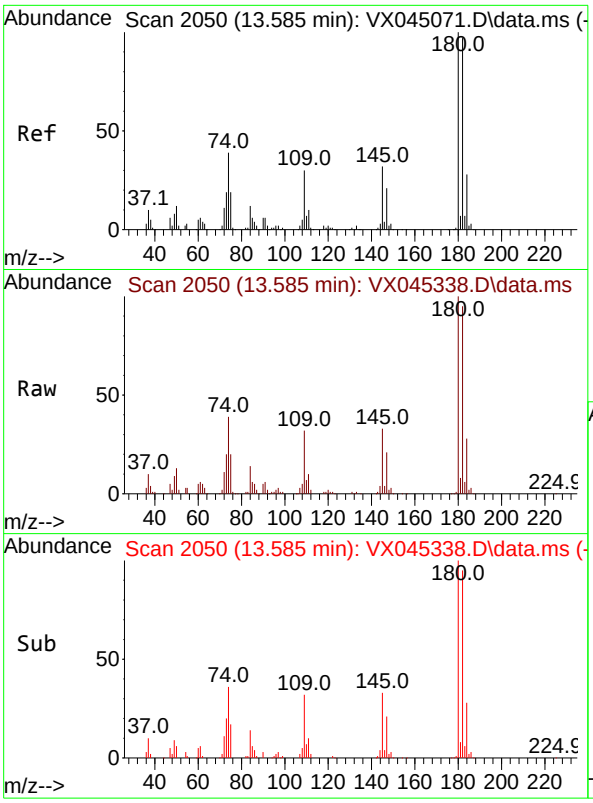


#92
1,2-Dibromo-3-Chloropropane
Concen: 59.282 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 75 Resp: 18967

Ion	Ratio	Lower	Upper
75	100		
155	73.6	39.6	118.7
157	91.7	51.1	153.4



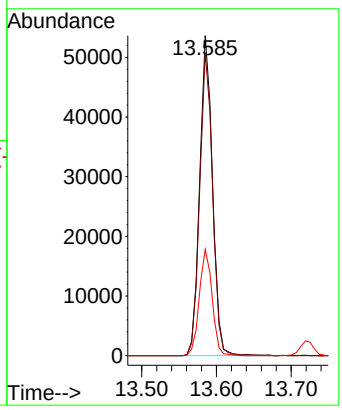


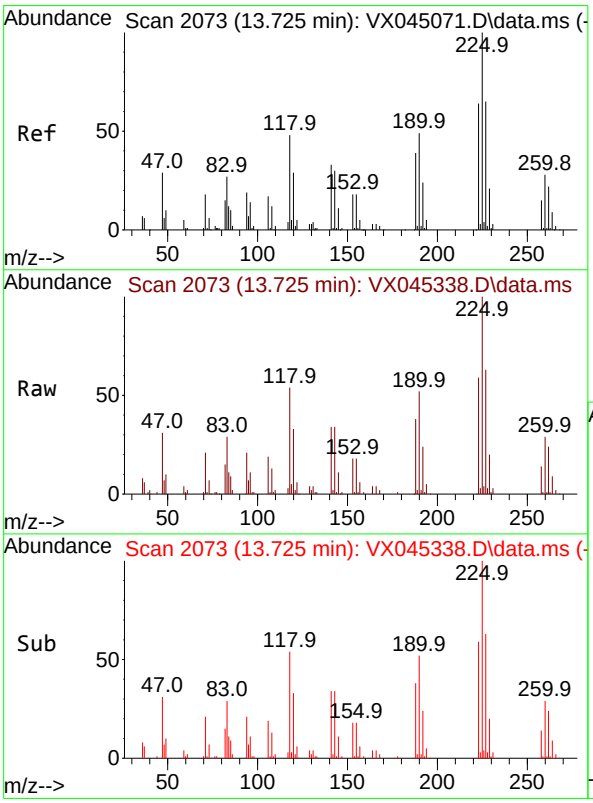
#93
1,2,4-Trichlorobenzene
Concen: 59.330 ug/l
RT: 13.585 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:180 Resp: 63837

Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.3	141.9
145	33.3	16.3	48.9

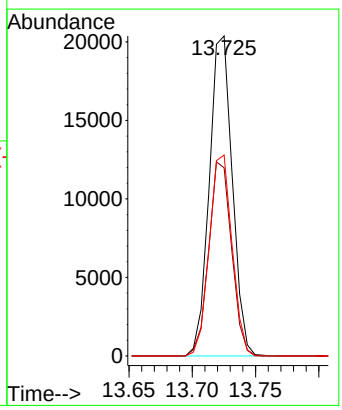


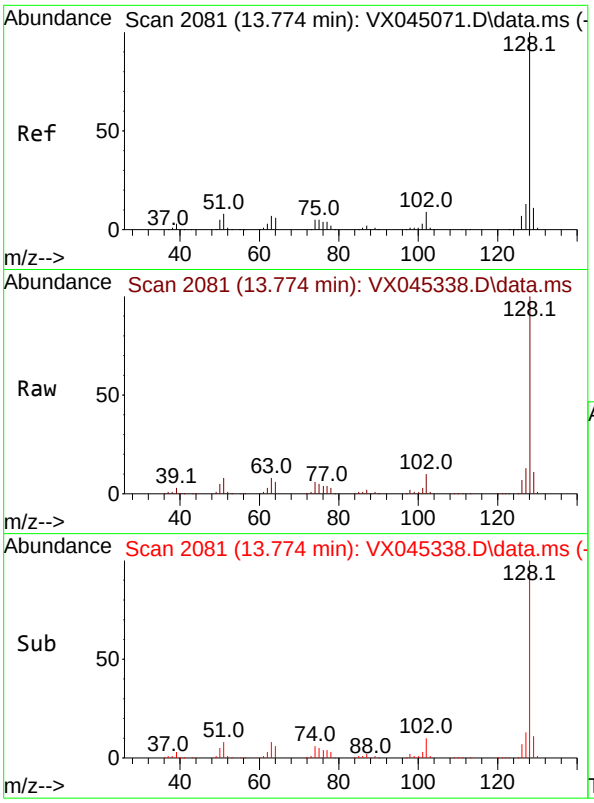


#94
Hexachlorobutadiene
Concen: 58.460 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion:225 Resp: 25788

Ion	Ratio	Lower	Upper
225	100		
223	60.2	31.9	95.7
227	62.1	31.4	94.0



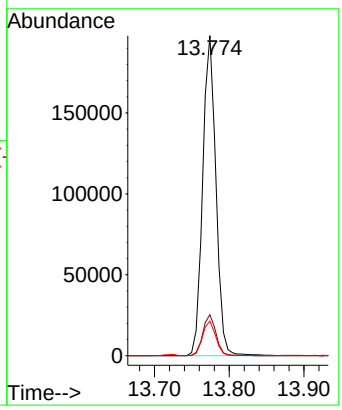


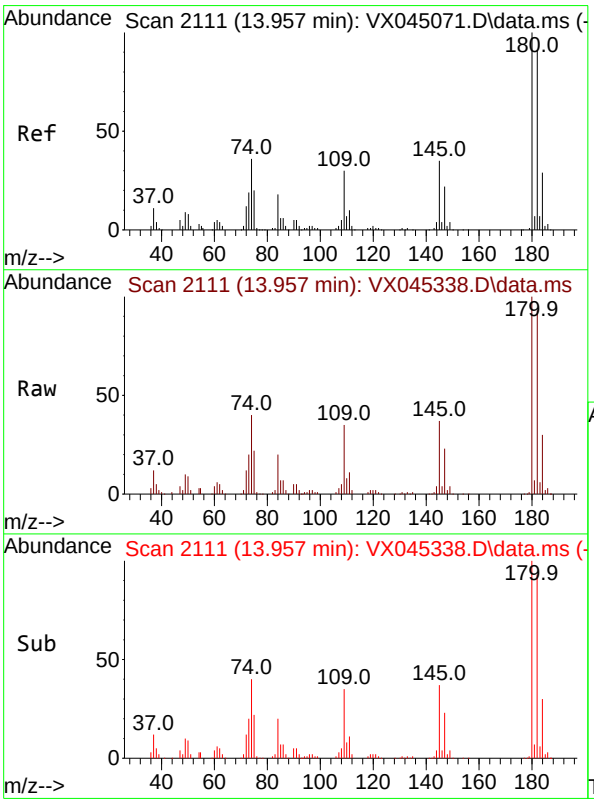
#95
Naphthalene
Concen: 58.751 ug/l
RT: 13.774 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 242871

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	10.8	8.7	13.1





#96
1,2,3-Trichlorobenzene
Concen: 59.320 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion:180 Resp: 67333

Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.5	142.6
145	35.1	17.0	50.9