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Cover Page

Order ID : Q2886

Project ID : NWIRP Bethpage 112G08005-WE13

Client : Tetra Tech NUS, Inc.

Lab Sample Number	Client Sample Number
Q2886-01	BP-TT182D-TB-20250814
Q2886-02	BP-TT182D-GW-20250814

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

Signature : _____

Date: 8/28/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

Tetra Tech NUS, Inc.
Project Name: NWIRP Bethpage 112G08005-WE13
Project Manager# Ernie Wu
Order ID # Q2886
Test Name: VOC-TCLVOA-10

A. Number of Samples and Date of Receipt:
2 Water samples were received on 08/15/2025.
B. Parameters
According to the Chain of Custody document, the following analyses were requested: VOC-TCLVOA-10. This data package contains results for VOC-TCLVOA-10.

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

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

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

E. Additional Comments:
The laboratory certifies that the all-electronic diskette deliverable exactly match the data summary forms (i.e. Form Is)."

Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.

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

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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_____

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DATA REPORTING QUALIFIERS- ORGANIC

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

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

ALLIANCE 284 Sheffield Street, Mountainside New Jersey 07092

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

GC/MS VOA CONFORMANCE/NON-CONFORMANCE SUMMARY

ORDER ID: Q2886 MATRIX: Water

METHOD: 8260D

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

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

NA NO YES

ADDITIONAL COMMENTS:

The laboratory certifies that the all-electronic diskette deliverable exactly match the data summary forms (i.e. Form Is)."

Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.

The not QT review data is reported in the Miscellaneous.

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

_____ _____

QA REVIEW Date

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **Q2886**

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

QA Review Signature: **SOHIL JODHANI** **Date:** **08/28/2025**

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LAB CHRONICLE

OrderID:	Q2886	**OrderDate:**	8/15/2025 11:08:00 AM
Client:	Tetra Tech NUS, Inc.	**Project:**	NWIRP Bethpage 112G08005-WE13
Contact:	Ernie Wu	**Location:**	J13,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2886-01	**BP-TT182D-TB-20250814**	**Water**			**08/14/25**			**08/15/25**
			VOC-TCLVOA-10	8260-Low			08/15/25	
Q2886-02	**BP-TT182D-GW-20250814**	**Water**			**08/14/25**			**08/15/25**
			VOC-TCLVOA-10	8260-Low			08/18/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2886

Client: Tetra Tech NUS, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID:	**BP-TT182D-TB-20250814**								
Q2886-01	BP-TT182D-TB-20	Water	Acetone	1.80	J	1.50	3.80	5.00	ug/L
			Total Voc :	1.80					
			Total Concentration:	1.80					

QC SUMMARY

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Surrogate Summary

SDG No.: Q2886

Client: Tetra Tech NUS, Inc.

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q2886-01	BP-TT182D-TB-20250814	1,2-Dichloroethane-d4	50	55.2	110		81	118
		Dibromofluoromethane	50	50.9	102		80	119
		Toluene-d8	50	51.2	102		89	112
		4-Bromofluorobenzene	50	56.1	112		85	114
Q2886-02	BP-TT182D-GW-20250814	1,2-Dichloroethane-d4	50	53.0	106		81	118
		Dibromofluoromethane	50	49.2	98		80	119
		Toluene-d8	50	49.1	98		89	112
		4-Bromofluorobenzene	50	55.4	111		85	114
VX0815WBL01	VX0815WBL01	1,2-Dichloroethane-d4	50	57.3	115		81	118
		Dibromofluoromethane	50	54.4	109		80	119
		Toluene-d8	50	51.5	103		89	112
		4-Bromofluorobenzene	50	57.2	114		85	114
VX0815WBS01	VX0815WBS01	1,2-Dichloroethane-d4	50	50.5	101		81	118
		Dibromofluoromethane	50	50.4	101		80	119
		Toluene-d8	50	50.8	102		89	112
		4-Bromofluorobenzene	50	52.1	104		85	114
VX0815WBSD0	VX0815WBSD01	1,2-Dichloroethane-d4	50	52.3	105		81	118
		Dibromofluoromethane	50	50.4	101		80	119
		Toluene-d8	50	50.3	101		89	112
		4-Bromofluorobenzene	50	53.3	107		85	114
VX0818WBL01	VX0818WBL01	1,2-Dichloroethane-d4	50	54.0	108		81	118
		Dibromofluoromethane	50	50.9	102		80	119
		Toluene-d8	50	50.2	100		89	112
		4-Bromofluorobenzene	50	56.1	112		85	114
VX0818WBS01	VX0818WBS01	1,2-Dichloroethane-d4	50	49.7	99		81	118
		Dibromofluoromethane	50	51.4	103		80	119
		Toluene-d8	50	50.7	101		89	112
		4-Bromofluorobenzene	50	52.1	104		85	114

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q2886**	**Analytical Method:**	**SW8260-Low**
Client:	**Tetra Tech NUS, Inc.**	**Datafile :**	VX047360.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0815WBS01	Dichlorodifluoromethane	20	17.0	ug/L	85			32	152	
	Chloromethane	20	16.0	ug/L	80			50	139	
	Vinyl chloride	20	16.4	ug/L	82			58	137	
	Bromomethane	20	18.0	ug/L	90			53	141	
	Chloroethane	20	17.2	ug/L	86			60	138	
	Trichlorofluoromethane	20	16.5	ug/L	83			65	141	
	1,1,2-Trichlorotrifluoroethane	20	17.1	ug/L	86			70	136	
	1,1-Dichloroethene	20	16.8	ug/L	84			71	131	
	Acetone	100	97.4	ug/L	97			39	160	
	Carbon disulfide	20	16.1	ug/L	81			64	133	
	Methyl tert-butyl Ether	20	17.1	ug/L	86			71	124	
	Methyl Acetate	20	17.7	ug/L	89			56	136	
	Methylene Chloride	20	16.7	ug/L	84			74	124	
	trans-1,2-Dichloroethene	20	16.8	ug/L	84			75	124	
	1,1-Dichloroethane	20	16.7	ug/L	84			77	125	
	Cyclohexane	20	16.4	ug/L	82			71	130	
	2-Butanone	100	93.4	ug/L	93			56	143	
	Carbon Tetrachloride	20	16.8	ug/L	84			72	136	
	cis-1,2-Dichloroethene	20	16.4	ug/L	82			78	123	
	Bromochloromethane	20	20.3	ug/L	102			78	123	
	Chloroform	20	17.2	ug/L	86			79	124	
	1,1,1-Trichloroethane	20	16.8	ug/L	84			74	131	
	Methylcyclohexane	20	16.9	ug/L	85			72	132	
	Benzene	20	17.3	ug/L	86			79	120	
	1,2-Dichloroethane	20	17.6	ug/L	88			73	128	
	Trichloroethene	20	17.1	ug/L	86			79	123	
	1,2-Dichloropropane	20	17.2	ug/L	86			78	122	
	Bromodichloromethane	20	17.2	ug/L	86			79	125	
	4-Methyl-2-Pentanone	100	92.0	ug/L	92			67	130	
	Toluene	20	17.6	ug/L	88			80	121	
	t-1,3-Dichloropropene	20	16.9	ug/L	85			73	127	
	cis-1,3-Dichloropropene	20	17.2	ug/L	86			75	124	
	1,1,2-Trichloroethane	20	17.7	ug/L	89			80	119	
	2-Hexanone	100	92.3	ug/L	92			57	139	
	Dibromochloromethane	20	17.0	ug/L	85			74	126	
	1,2-Dibromoethane	20	17.7	ug/L	89			77	121	
	Tetrachloroethene	20	16.9	ug/L	85			74	129	
	Chlorobenzene	20	17.0	ug/L	85			82	118	
	Ethyl Benzene	20	17.1	ug/L	86			79	121	
	m/p-Xylenes	40	34.7	ug/L	87			80	121	
	o-Xylene	20	17.1	ug/L	86			78	122	
	Styrene	20	17.8	ug/L	89			78	123	
	Bromoform	20	16.9	ug/L	85			66	130	
	Isopropylbenzene	20	17.0	ug/L	85			72	131	
	1,1,2,2-Tetrachloroethane	20	17.5	ug/L	88			71	121	
	1,3-Dichlorobenzene	20	17.0	ug/L	85			80	119	
	1,4-Dichlorobenzene	20	16.8	ug/L	84			79	118	
	1,2-Dichlorobenzene	20	17.0	ug/L	85			80	119	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q2886**	**Analytical Method:**	**SW8260-Low**
Client:	**Tetra Tech NUS, Inc.**	**Datafile :**	VX047360.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0815WBS01	1,2-Dibromo-3-Chloropropane	20	16.9	ug/L	85			62	128	
	1,2,4-Trichlorobenzene	20	16.5	ug/L	83			69	130	
	1,2,3-Trichlorobenzene	20	16.7	ug/L	84			69	129	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q2886**	**Analytical Method:**	**SW8260-Low**
Client:	**Tetra Tech NUS, Inc.**	**Datafile :**	VX047361.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0815WBSD01	Dichlorodifluoromethane	20	17.1	ug/L	86	1		32	152	20
	Chloromethane	20	16.2	ug/L	81	1		50	139	20
	Vinyl chloride	20	16.5	ug/L	83	1		58	137	20
	Bromomethane	20	19.2	ug/L	96	6		53	141	20
	Chloroethane	20	16.3	ug/L	81	6		60	138	20
	Trichlorofluoromethane	20	16.1	ug/L	81	2		65	141	20
	1,1,2-Trichlorotrifluoroethane	20	17.1	ug/L	86	0		70	136	20
	1,1-Dichloroethene	20	16.3	ug/L	81	4		71	131	20
	Acetone	100	91.2	ug/L	91	6		39	160	20
	Carbon disulfide	20	16.2	ug/L	81	0		64	133	20
	Methyl tert-butyl Ether	20	18.0	ug/L	90	5		71	124	20
	Methyl Acetate	20	18.0	ug/L	90	1		56	136	20
	Methylene Chloride	20	17.6	ug/L	88	5		74	124	20
	trans-1,2-Dichloroethene	20	16.7	ug/L	84	0		75	124	20
	1,1-Dichloroethane	20	17.3	ug/L	86	2		77	125	20
	Cyclohexane	20	16.6	ug/L	83	1		71	130	20
	2-Butanone	100	92.2	ug/L	92	1		56	143	20
	Carbon Tetrachloride	20	16.5	ug/L	83	1		72	136	20
	cis-1,2-Dichloroethene	20	16.9	ug/L	85	4		78	123	20
	Bromochloromethane	20	21.4	ug/L	107	5		78	123	20
	Chloroform	20	17.8	ug/L	89	3		79	124	20
	1,1,1-Trichloroethane	20	17.2	ug/L	86	2		74	131	20
	Methylcyclohexane	20	16.7	ug/L	84	1		72	132	20
	Benzene	20	17.3	ug/L	86	0		79	120	20
	1,2-Dichloroethane	20	17.8	ug/L	89	1		73	128	20
	Trichloroethene	20	16.6	ug/L	83	4		79	123	20
	1,2-Dichloropropane	20	17.0	ug/L	85	1		78	122	20
	Bromodichloromethane	20	17.6	ug/L	88	2		79	125	20
	4-Methyl-2-Pentanone	100	93.8	ug/L	94	2		67	130	20
	Toluene	20	17.6	ug/L	88	0		80	121	20
	t-1,3-Dichloropropene	20	17.8	ug/L	89	5		73	127	20
	cis-1,3-Dichloropropene	20	17.7	ug/L	89	3		75	124	20
	1,1,2-Trichloroethane	20	18.2	ug/L	91	2		80	119	20
	2-Hexanone	100	94.0	ug/L	94	2		57	139	20
	Dibromochloromethane	20	17.4	ug/L	87	2		74	126	20
	1,2-Dibromoethane	20	17.8	ug/L	89	0		77	121	20
	Tetrachloroethene	20	16.9	ug/L	85	0		74	129	20
	Chlorobenzene	20	17.1	ug/L	86	1		82	118	20
	Ethyl Benzene	20	17.0	ug/L	85	1		79	121	20
	m/p-Xylenes	40	34.5	ug/L	86	1		80	121	20
	o-Xylene	20	17.2	ug/L	86	0		78	122	20
	Styrene	20	17.6	ug/L	88	1		78	123	20
	Bromoform	20	17.6	ug/L	88	3		66	130	20
	Isopropylbenzene	20	16.8	ug/L	84	1		72	131	20
	1,1,2,2-Tetrachloroethane	20	18.1	ug/L	91	3		71	121	20
	1,3-Dichlorobenzene	20	17.1	ug/L	86	1		80	119	20
	1,4-Dichlorobenzene	20	17.1	ug/L	86	2		79	118	20
	1,2-Dichlorobenzene	20	17.4	ug/L	87	2		80	119	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q2886**	**Analytical Method:**	**SW8260-Low**
Client:	**Tetra Tech NUS, Inc.**	**Datafile :**	VX047361.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0815WBSD01	1,2-Dibromo-3-Chloropropane	20	17.5	ug/L	88	3		62	128	20
	1,2,4-Trichlorobenzene	20	17.2	ug/L	86	4		69	130	20
	1,2,3-Trichlorobenzene	20	17.2	ug/L	86	2		69	129	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q2886**	**Analytical Method:**	**SW8260-Low**
Client:	**Tetra Tech NUS, Inc.**	**Datafile :**	VX047374.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0818WBS01	Dichlorodifluoromethane	20	20.5	ug/L	103			32	152	
	Chloromethane	20	22.6	ug/L	113			50	139	
	Vinyl chloride	20	19.1	ug/L	96			58	137	
	Bromomethane	20	13.9	ug/L	70			53	141	
	Chloroethane	20	26.7	ug/L	134			60	138	
	Trichlorofluoromethane	20	19.7	ug/L	99			65	141	
	1,1,2-Trichlorotrifluoroethane	20	20.3	ug/L	102			70	136	
	1,1-Dichloroethene	20	19.9	ug/L	100			71	131	
	Acetone	100	97.8	ug/L	98			39	160	
	Carbon disulfide	20	21.1	ug/L	106			64	133	
	Methyl tert-butyl Ether	20	19.1	ug/L	96			71	124	
	Methyl Acetate	20	20.1	ug/L	101			56	136	
	Methylene Chloride	20	19.2	ug/L	96			74	124	
	trans-1,2-Dichloroethene	20	19.2	ug/L	96			75	124	
	1,1-Dichloroethane	20	19.4	ug/L	97			77	125	
	Cyclohexane	20	19.9	ug/L	100			71	130	
	2-Butanone	100	99.2	ug/L	99			56	143	
	Carbon Tetrachloride	20	20.4	ug/L	102			72	136	
	cis-1,2-Dichloroethene	20	19.1	ug/L	96			78	123	
	Bromochloromethane	20	19.3	ug/L	97			78	123	
	Chloroform	20	20.0	ug/L	100			79	124	
	1,1,1-Trichloroethane	20	19.7	ug/L	99			74	131	
	Methylcyclohexane	20	20.0	ug/L	100			72	132	
	Benzene	20	20.1	ug/L	101			79	120	
	1,2-Dichloroethane	20	20.6	ug/L	103			73	128	
	Trichloroethene	20	19.8	ug/L	99			79	123	
	1,2-Dichloropropane	20	19.8	ug/L	99			78	122	
	Bromodichloromethane	20	20.3	ug/L	102			79	125	
	4-Methyl-2-Pentanone	100	100	ug/L	100			67	130	
	Toluene	20	20.5	ug/L	103			80	121	
	t-1,3-Dichloropropene	20	19.7	ug/L	99			73	127	
	cis-1,3-Dichloropropene	20	19.5	ug/L	98			75	124	
	1,1,2-Trichloroethane	20	20.4	ug/L	102			80	119	
	2-Hexanone	100	100	ug/L	100			57	139	
	Dibromochloromethane	20	20.4	ug/L	102			74	126	
	1,2-Dibromoethane	20	19.9	ug/L	100			77	121	
	Tetrachloroethene	20	20.0	ug/L	100			74	129	
	Chlorobenzene	20	19.8	ug/L	99			82	118	
	Ethyl Benzene	20	19.9	ug/L	100			79	121	
	m/p-Xylenes	40	40.7	ug/L	102			80	121	
	o-Xylene	20	20.0	ug/L	100			78	122	
	Styrene	20	20.2	ug/L	101			78	123	
	Bromoform	20	20.4	ug/L	102			66	130	
	Isopropylbenzene	20	19.8	ug/L	99			72	131	
	1,1,2,2-Tetrachloroethane	20	19.4	ug/L	97			71	121	
	1,3-Dichlorobenzene	20	19.5	ug/L	98			80	119	
	1,4-Dichlorobenzene	20	19.0	ug/L	95			79	118	
	1,2-Dichlorobenzene	20	19.3	ug/L	97			80	119	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q2886**	**Analytical Method:**	**SW8260-Low**
Client:	**Tetra Tech NUS, Inc.**	**Datafile :**	VX047374.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0818WBS01	1,2-Dibromo-3-Chloropropane	20	18.8	ug/L	94			62	128	
	1,2,4-Trichlorobenzene	20	19.0	ug/L	95			69	130	
	1,2,3-Trichlorobenzene	20	19.0	ug/L	95			69	129	

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VOLATILE METHOD BLANK SUMMARY

Client ID: VX0815WBL01

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG NO.: Q2886

Lab File ID: VX047358.D Lab Sample ID: VX0815WBL01

Date Analyzed: 08/15/2025 Time Analyzed: 13:39

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
VX0815WBS01	VX0815WBS01	VX047360.D	08/15/2025
VX0815WBSD01	VX0815WBSD01	VX047361.D	08/15/2025
BP-TT182D-TB-20250814	Q2886-01	VX047366.D	08/15/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

Client ID: VX0818WBL01

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG NO.: Q2886

Lab File ID: VX047373.D Lab Sample ID: VX0818WBL01

Date Analyzed: 08/18/2025 Time Analyzed: 11:50

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
VX0818WBS01	VX0818WBS01	VX047374.D	08/18/2025
BP-TT182D-GW-20250814	Q2886-02	VX047376.D	08/18/2025

COMMENTS:

Raw Data: **VX047347.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: TETR06

Lab Code: ACE | SDG NO.: Q2886

Lab File ID: VX047347.D | BFB Injection Date: 08/15/2025

Instrument ID: MSVOA_X | BFB Injection Time: 08:28

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	19.3
75	30.0 - 60.0% of mass 95	51.4
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.9 (1.1) 1
174	50.0 - 100.0% of mass 95	74.3
175	5.0 - 9.0% of mass 174	6.1 (8.2) 1
176	95.0 - 101.0% of mass 174	71.9 (96.8) 1
177	5.0 - 9.0% of mass 176	4.4 (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:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC005	VSTDICC005	VX047349.D	08/15/2025	09:40
VSTDICC020	VSTDICC020	VX047350.D	08/15/2025	10:01
VSTDICCC050	VSTDICCC050	VX047351.D	08/15/2025	10:22
VSTDICC100	VSTDICC100	VX047352.D	08/15/2025	10:43
VSTDICC150	VSTDICC150	VX047353.D	08/15/2025	11:05
VSTDICC001	VSTDICC001	VX047356.D	08/15/2025	12:30
VX0815WBL01	VX0815WBL01	VX047358.D	08/15/2025	13:39
VX0815WBS01	VX0815WBS01	VX047360.D	08/15/2025	14:21
VX0815WBSD01	VX0815WBSD01	VX047361.D	08/15/2025	14:49
BP-TT182D-TB-20250814	Q2886-01	VX047366.D	08/15/2025	16:36
VSTDCCC050EC	VSTDCCC050	VX047369.D	08/15/2025	17:41

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: TETR06
Lab Code: ACE
SDG NO.: Q2886
Lab File ID: VX047370.D
BFB Injection Date: 08/18/2025
Instrument ID: MSVOA_X
BFB Injection Time: 09:32
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	19.4
75	30.0 - 60.0% of mass 95	52.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.7 (1) 1
174	50.0 - 100.0% of mass 95	73.3
175	5.0 - 9.0% of mass 174	5.4 (7.4) 1
176	95.0 - 101.0% of mass 174	70.6 (96.2) 1
177	5.0 - 9.0% of mass 176	4.4 (6.3) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX047371.D	08/18/2025	10:00
VX0818WBL01	VX0818WBL01	VX047373.D	08/18/2025	11:50
VX0818WBS01	VX0818WBS01	VX047374.D	08/18/2025	12:17
BP-TT182D-GW-20250814	Q2886-02	VX047376.D	08/18/2025	13:06
VSTDCCC050EC	VSTDCCC050	VX047398.D	08/18/2025	20:57

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG NO.: Q2886

Lab File ID: VX047351.D Date Analyzed: 08/15/2025

Instrument ID: MSVOA_X Time Analyzed: 10:22

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	238847	5.57	405572	6.77	363128	10.06
UPPER LIMIT	477694	6.068	811144	7.269	726256	10.555
LOWER LIMIT	119424	5.068	202786	6.269	181564	9.555
EPA SAMPLE NO.						
BP-TT182D-TB-20250814	322553	5.57	632578	6.77	621493	10.06
VX0815WBL01	213035	5.56	413649	6.76	396719	10.06
VX0815WBS01	251230	5.56	424536	6.77	385995	10.06
VX0815WBSD01	232894	5.56	402024	6.76	366622	10.06

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

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG NO.: Q2886

Lab File ID: VX047351.D Date Analyzed: 08/15/2025

Instrument ID: MSVOA_X Time Analyzed: 10:22

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

	IS4 AREA #	RT #				
12 HOUR STD	177366	12.018				
UPPER LIMIT	354732	12.518				
LOWER LIMIT	88683	11.518				
EPA SAMPLE NO.						
BP-TT182D-TB-20250814	310393	12.02				
VX0815WBL01	194794	12.02				
VX0815WBS01	195233	12.02				
VX0815WBSD01	184649	12.02				

IS4 = 1,4-Dichlorobenzene-d4

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG NO.: Q2886

Lab File ID: VX047371.D Date Analyzed: 08/18/2025

Instrument ID: MSVOA_X Time Analyzed: 10:00

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	269622	5.56	444434	6.76	389564	10.06
UPPER LIMIT	539244	6.056	888868	7.263	779128	10.555
LOWER LIMIT	134811	5.056	222217	6.263	194782	9.555
EPA SAMPLE NO.						
BP-TT182D-GW-20250814	318653	5.57	625670	6.77	611655	10.06
VX0818WBL01	325331	5.56	630884	6.76	620229	10.06
VX0818WBS01	256302	5.56	426348	6.77	389002	10.06

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

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG NO.: Q2886

Lab File ID: VX047371.D Date Analyzed: 08/18/2025

Instrument ID: MSVOA_X Time Analyzed: 10:00

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

	IS4 AREA #	RT #				
12 HOUR STD	190181	12.018				
UPPER LIMIT	380362	12.518				
LOWER LIMIT	95090.5	11.518				
EPA SAMPLE NO.						
BP-TT182D-GW-20250814	302397	12.02				
VX0818WBL01	309313	12.02				
VX0818WBS01	197596	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

Raw Data: **VX047366.D**

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Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	08/14/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	08/15/25
Client Sample ID:	BP-TT182D-TB-20250814	SDG No.:	Q2886
Lab Sample ID:	Q2886-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047366.D	1	08/15/25 16:36	VX081525

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	0.75	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:	Tetra Tech NUS, Inc.	Date Collected:	08/14/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	08/15/25
Client Sample ID:	BP-TT182D-TB-20250814	SDG No.:	Q2886
Lab Sample ID:	Q2886-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047366.D	1	08/15/25 16:36	VX081525

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	55.2		81 - 118		110%	SPK: 50
1868-53-7	Dibromofluoromethane	50.9		80 - 119		102%	SPK: 50
2037-26-5	Toluene-d8	51.2		89 - 112		102%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.1		85 - 114		112%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	323000	5.568				
540-36-3	1,4-Difluorobenzene	633000	6.769				
3114-55-4	Chlorobenzene-d5	621000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	310000	12.018				
TENTATIVE IDENTIFIED COMPOUNDS							

Raw Data: **VX047366.D**

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Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	08/14/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	08/15/25
Client Sample ID:	BP-TT182D-TB-20250814	SDG No.:	Q2886
Lab Sample ID:	Q2886-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047366.D	1	08/15/25 16:36	VX081525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
75-43-4	Dichlorofluoromethane	N.D					

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047366.D
Acq On : 15 Aug 2025 16:36
Operator : JC/MD
Sample : Q2886-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-TT182D-TB-20250814

Quant Time: Aug 18 04:35:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

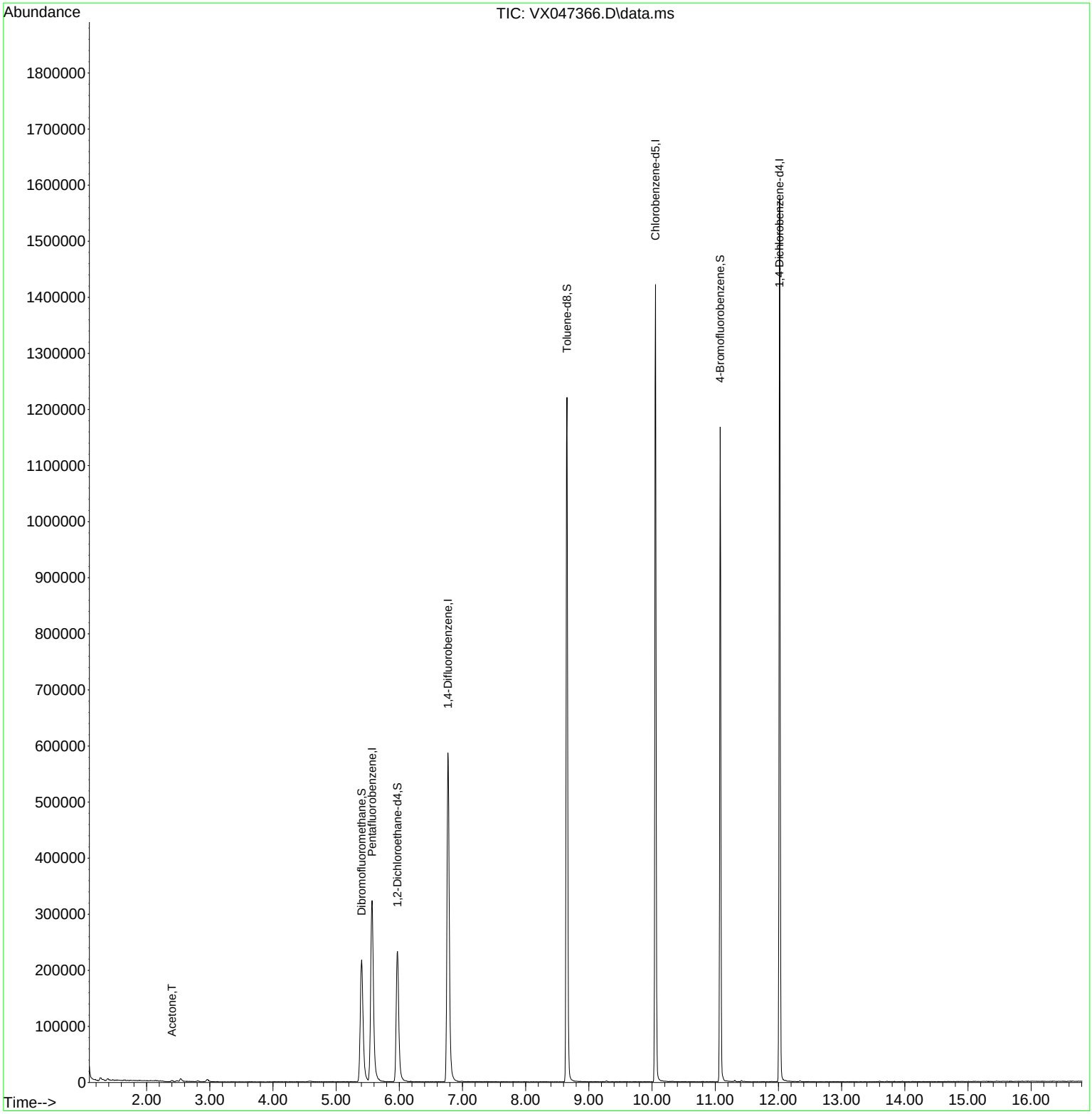
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.568	168	322553	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	632578	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	621493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	310393	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	249244	55.213	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.420%			
35) Dibromofluoromethane	5.403	113	208859	50.873	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.740%			
50) Toluene-d8	8.653	98	751321	51.200	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.400%			
62) 4-Bromofluorobenzene	11.079	95	303559	56.059	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.120%			
Target Compounds						Qvalue
16) Acetone	2.398	43	3029	1.785	ug/l	91

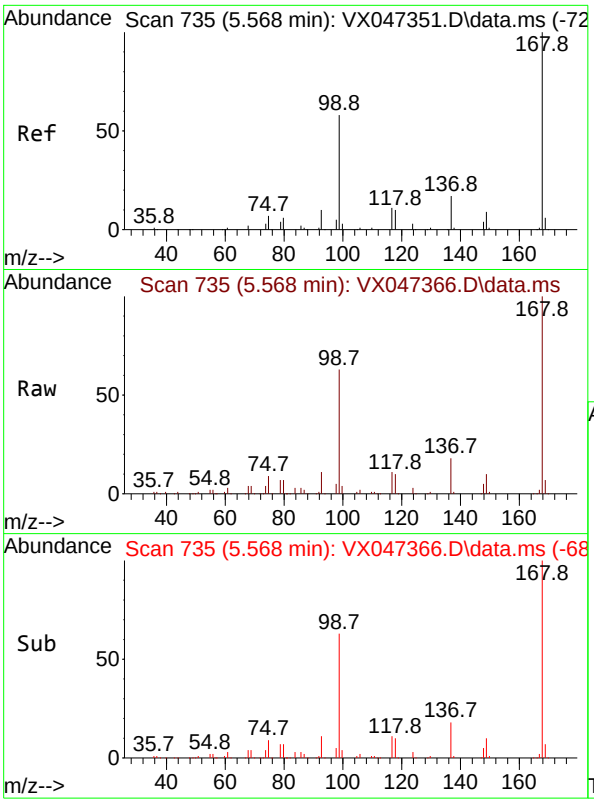
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047366.D
Acq On : 15 Aug 2025 16:36
Operator : JC/MD
Sample : Q2886-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-TT182D-TB-20250814

Quant Time: Aug 18 04:35:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration



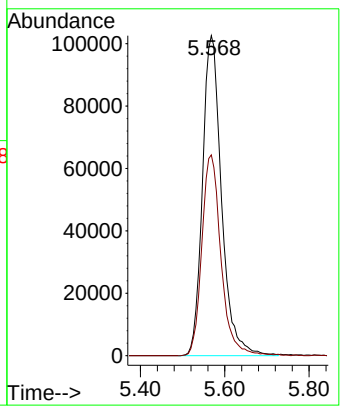


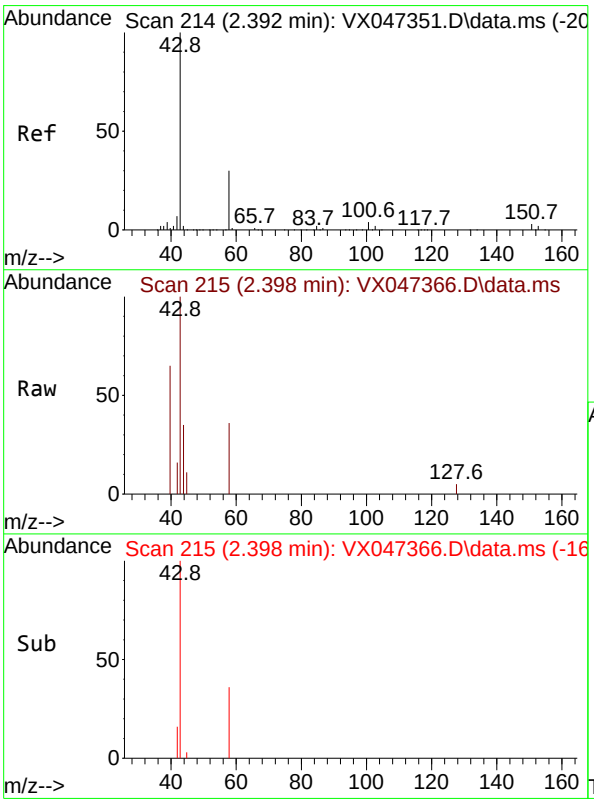
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047366.D
Acq: 15 Aug 2025 16:36

Instrument :
MSVOA_X
ClientSampleId :
BP-TT182D-TB-20250814

Tgt Ion:168 Resp: 322553

Ion	Ratio	Lower	Upper
168	100		
99	62.8	47.9	71.9

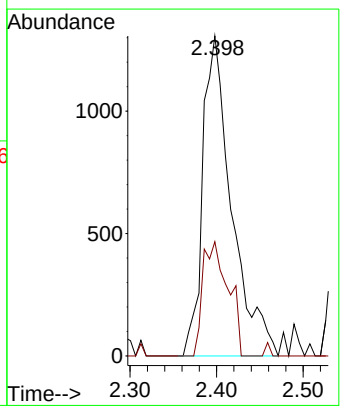


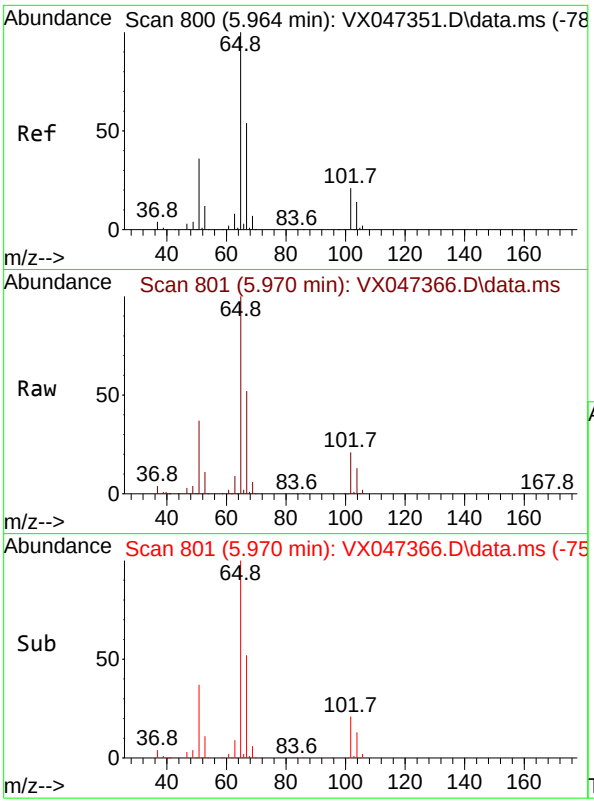


#16
Acetone
Concen: 1.785 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX047366.D
Acq: 15 Aug 2025 16:36

Tgt Ion: 43 Resp: 3029

Ion	Ratio	Lower	Upper
43	100		
58	35.7	24.8	37.2



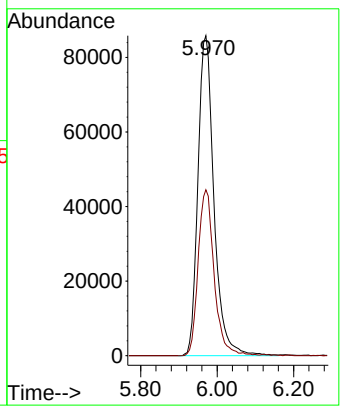


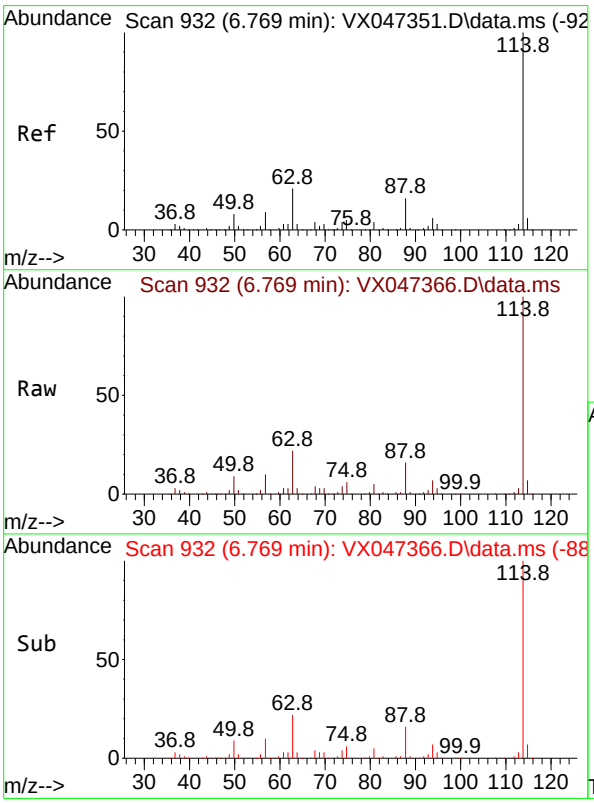
#33
1,2-Dichloroethane-d4
Concen: 55.213 ug/l
RT: 5.970 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX047366.D
Acq: 15 Aug 2025 16:36

Instrument :
MSVOA_X
ClientSampleId :
BP-TT182D-TB-20250814

Tgt Ion: 65 Resp: 249244

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	106.0

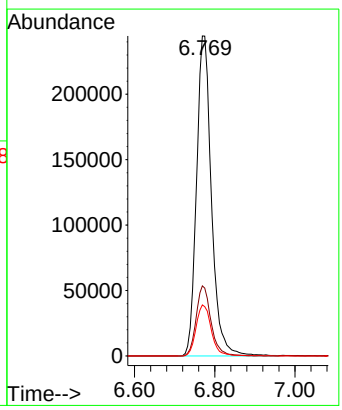


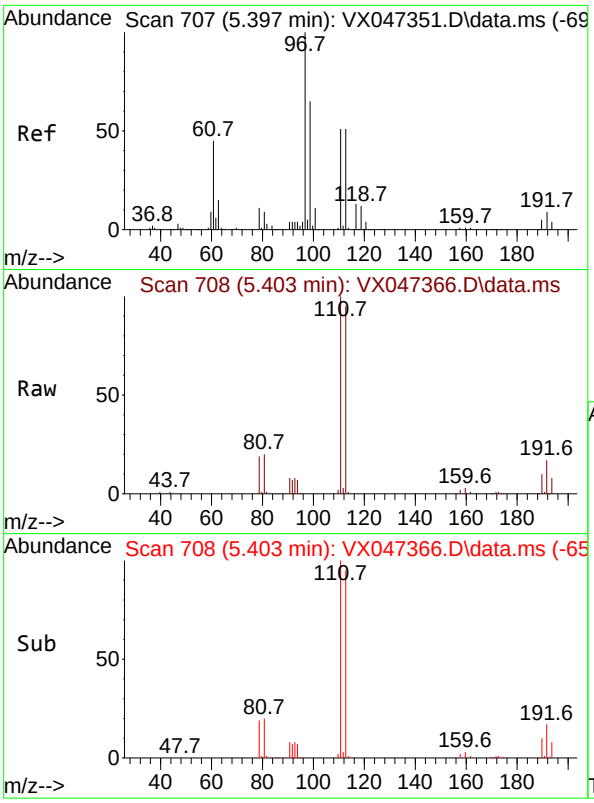


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX047366.D
Acq: 15 Aug 2025 16:36

Tgt Ion:114 Resp: 632578

Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	42.4
88	15.9	0.0	33.0



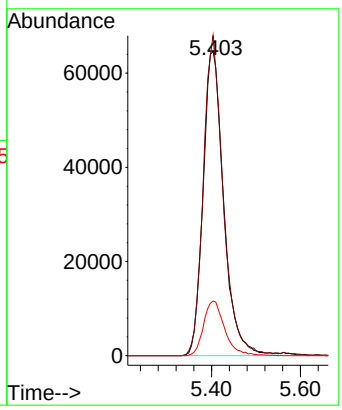


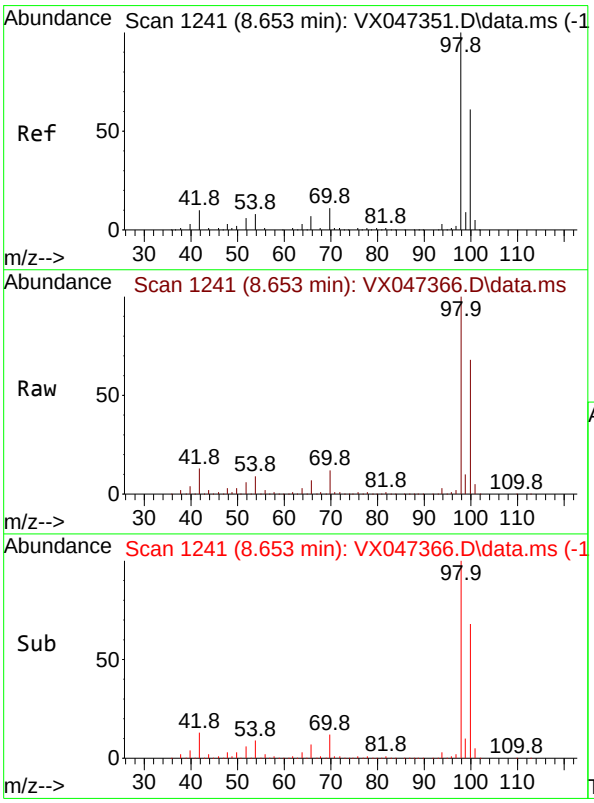
#35
Dibromofluoromethane
Concen: 50.873 ug/l
RT: 5.403 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047366.D
Acq: 15 Aug 2025 16:36

Instrument :
MSVOA_X
ClientSampleId :
BP-TT182D-TB-20250814

Tgt Ion:113 Resp: 208859

Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.4	122.2
192	18.4	14.1	21.1

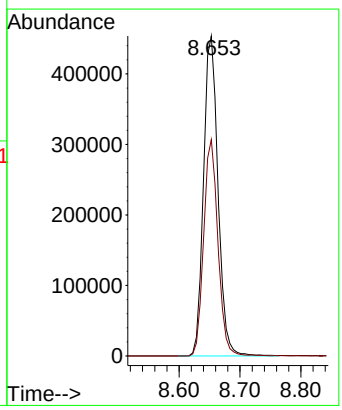


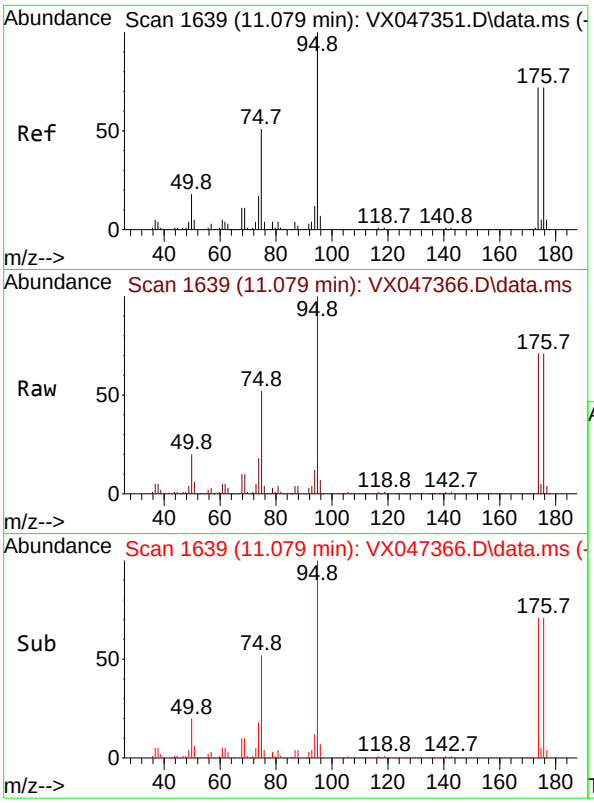


#50
Toluene-d8
Concen: 51.200 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047366.D
Acq: 15 Aug 2025 16:36

Tgt Ion: 98 Resp: 751321

Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.9	80.9



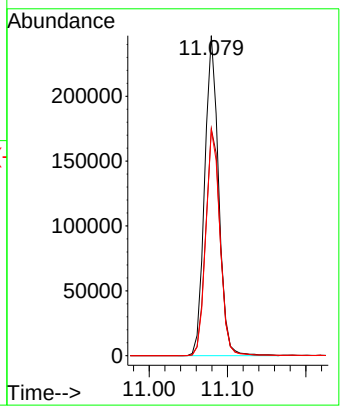


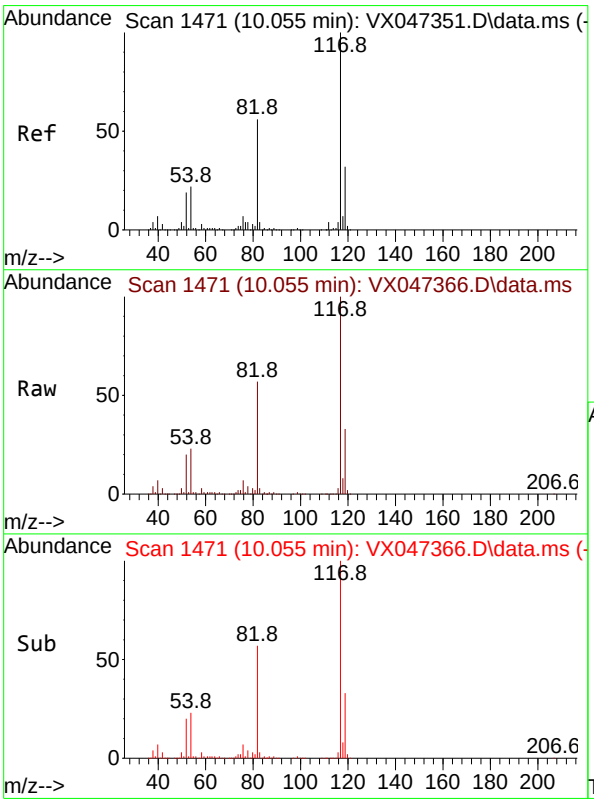
#62
4-Bromofluorobenzene
Concen: 56.059 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047366.D
Acq: 15 Aug 2025 16:36

Instrument :
MSVOA_X
ClientSampleId :
BP-TT182D-TB-20250814

Tgt Ion: 95 Resp: 303559

Ion	Ratio	Lower	Upper
95	100		
174	73.4	0.0	148.0
176	71.7	0.0	145.4

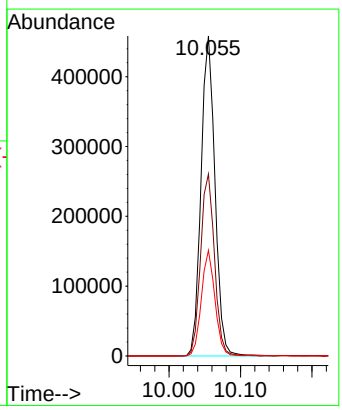


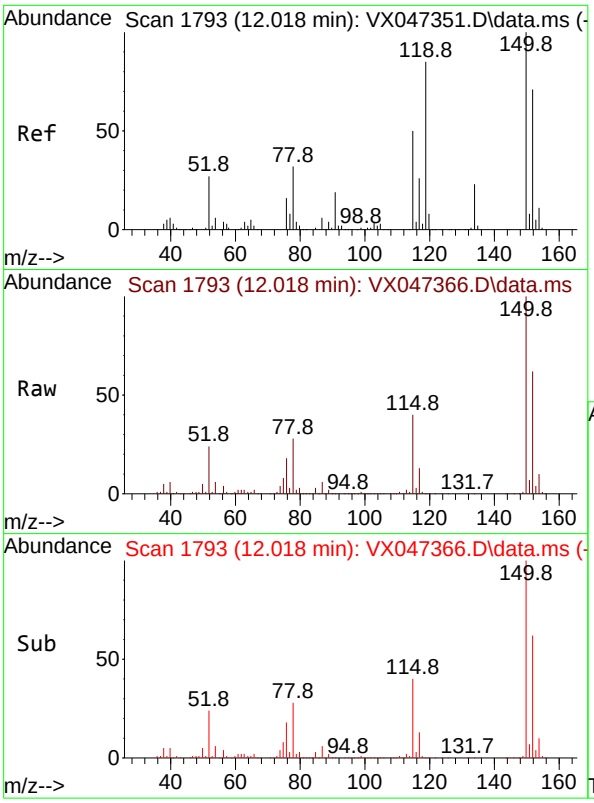


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047366.D
Acq: 15 Aug 2025 16:36

Tgt Ion:117 Resp: 621493

Ion	Ratio	Lower	Upper
117	100		
82	56.8	45.0	67.4
119	33.0	25.8	38.8



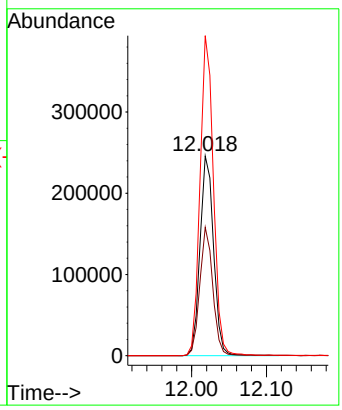


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047366.D
Acq: 15 Aug 2025 16:36

Instrument :
MSVOA_X
ClientSampleId :
BP-TT182D-TB-20250814

Tgt Ion:152 Resp: 310393

Ion	Ratio	Lower	Upper
152	100		
115	61.7	44.6	133.8
150	157.7	0.0	349.8



Sample Results: **VX047366.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047366.D
Acq On : 15 Aug 2025 16:36
Operator : JC/MD
Sample : Q2886-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-TT182D-TB-20250814

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Title : SW846 8260

Signal : TIC: VX047366.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.403	692	708	725	rBV3	217495	689220	33.96%	6.142%
2	5.568	725	735	756	rVB	321408	991189	48.84%	8.833%
3	5.970	790	801	818	rBV	232900	677773	33.40%	6.040%
4	6.769	923	932	957	rBV	586777	1503327	74.07%	13.397%
5	8.653	1234	1241	1259	rBV	1220408	2029505	100.00%	18.086%
6	10.055	1465	1471	1486	rBV	1421903	1940443	95.61%	17.292%
7	11.079	1634	1639	1653	rBV	1166860	1453441	71.62%	12.952%
8	12.018	1788	1793	1806	rBV	1573911	1936419	95.41%	17.257%

Sum of corrected areas: 11221317

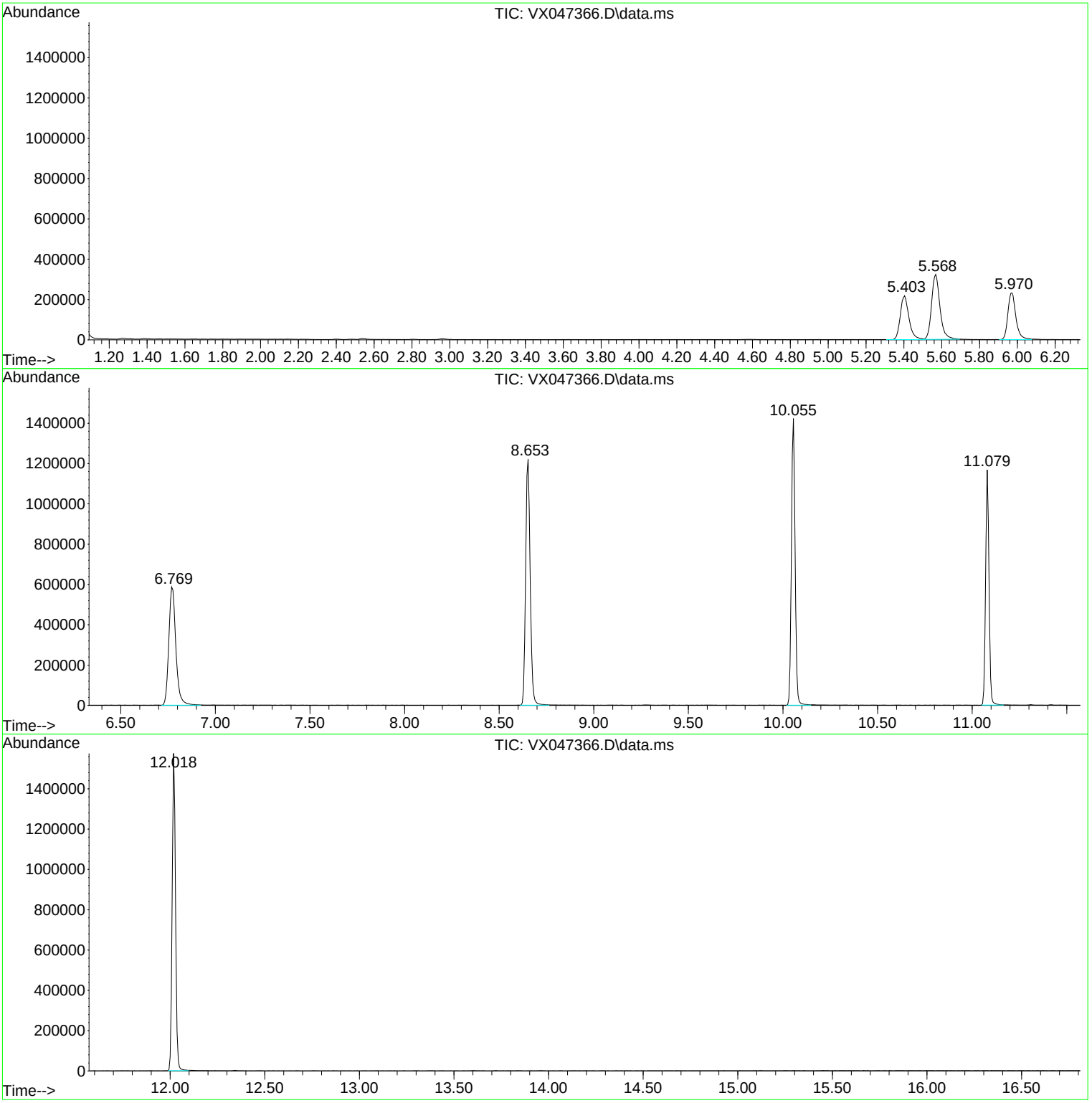
Sample Results: **VX047366.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047366.D
Acq On : 15 Aug 2025 16:36
Operator : JC/MD
Sample : Q2886-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-TT182D-TB-20250814

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260

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



Library Search Compound Report

Sample Results: **VX047366.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047366.D
Acq On : 15 Aug 2025 16:36
Operator : JC/MD
Sample : Q2886-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-TT182D-TB-20250814

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047366.D
Acq On : 15 Aug 2025 16:36
Operator : JC/MD
Sample : Q2886-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-TT182D-TB-20250814

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260

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

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

Raw Data: **VX047376.D**

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	08/14/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	08/15/25
Client Sample ID:	BP-TT182D-GW-20250814	SDG No.:	Q2886
Lab Sample ID:	Q2886-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047376.D	1	08/18/25 13:06	VX081825

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

Raw Data: **VX047376.D**

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	08/14/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	08/15/25
Client Sample ID:	BP-TT182D-GW-20250814	SDG No.:	Q2886
Lab Sample ID:	Q2886-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047376.D	1	08/18/25 13:06	VX081825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.50	U	0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	2.50	U	0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.50	U	0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	0.50	U	0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	1.00	U	0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	0.50	U	0.12	0.50	1.00	ug/L
100-42-5	Styrene	0.50	U	0.15	0.50	1.00	ug/L
75-25-2	Bromoform	0.50	U	0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.75	U	0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	53.0		81 - 118		106%	SPK: 50
1868-53-7	Dibromofluoromethane	49.2		80 - 119		98%	SPK: 50
2037-26-5	Toluene-d8	49.2		89 - 112		98%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.4		85 - 114		111%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	319000	5.568				
540-36-3	1,4-Difluorobenzene	626000	6.769				
3114-55-4	Chlorobenzene-d5	612000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	302000	12.018				
TENTATIVE IDENTIFIED COMPOUNDS							

Raw Data: **VX047376.D**

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	08/14/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	08/15/25
Client Sample ID:	BP-TT182D-GW-20250814	SDG No.:	Q2886
Lab Sample ID:	Q2886-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047376.D	1	08/18/25 13:06	VX081825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
75-43-4	Dichlorofluoromethane	N.D					

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

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

Sample Results: **VX047376.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
Data File : VX047376.D
Acq On : 18 Aug 2025 13:06
Operator : JC/MD
Sample : Q2886-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-TT182D-GW-20250814

Quant Time: Aug 19 01:41:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

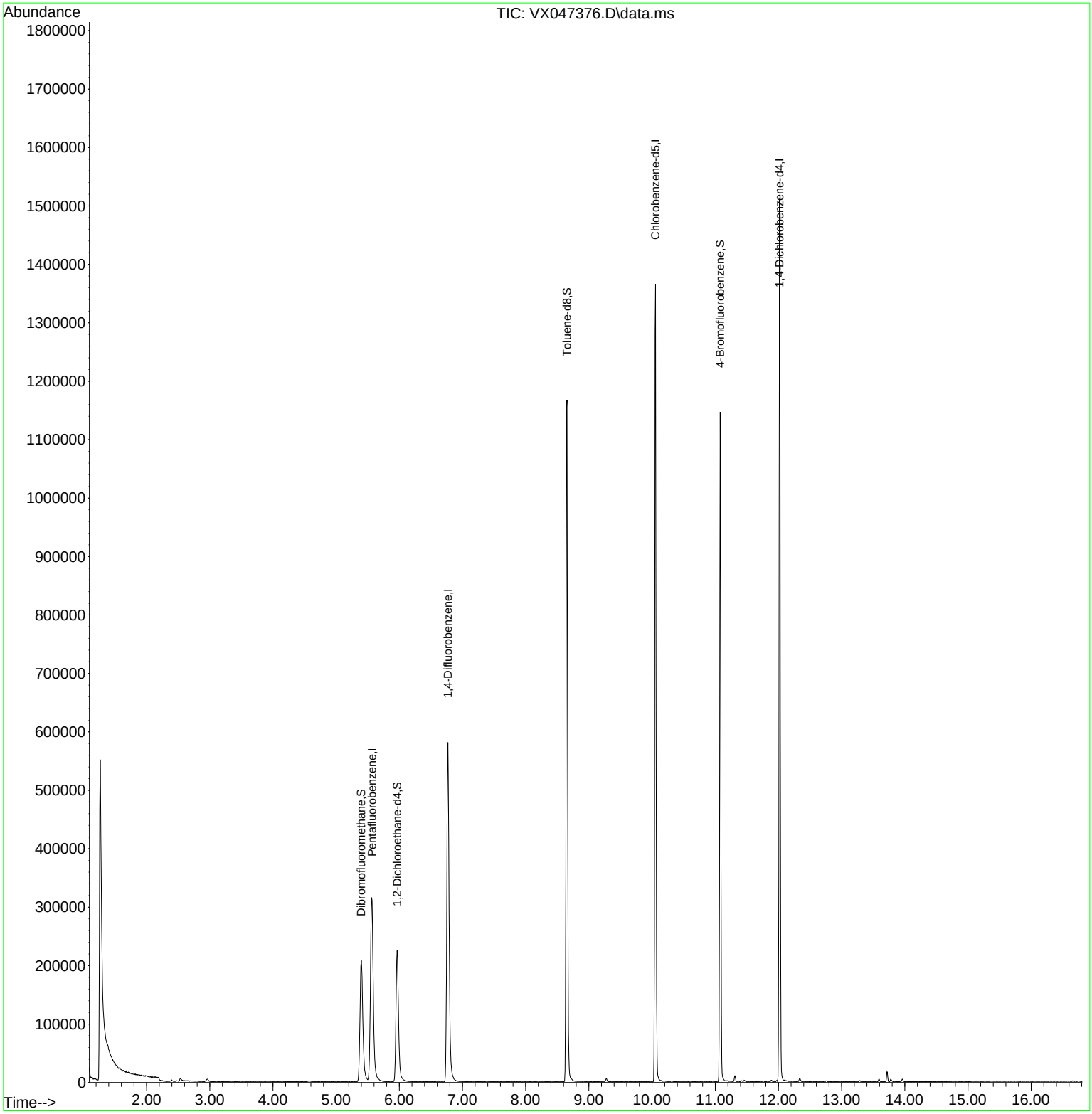
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.568	168	318653	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	625670	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	611655	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	302397	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	236218	52.968	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.940%			
35) Dibromofluoromethane	5.397	113	199944	49.239	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.480%			
50) Toluene-d8	8.653	98	713374	49.151	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.300%			
62) 4-Bromofluorobenzene	11.079	95	296765	55.409	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.820%			
Target Compounds						Qvalue

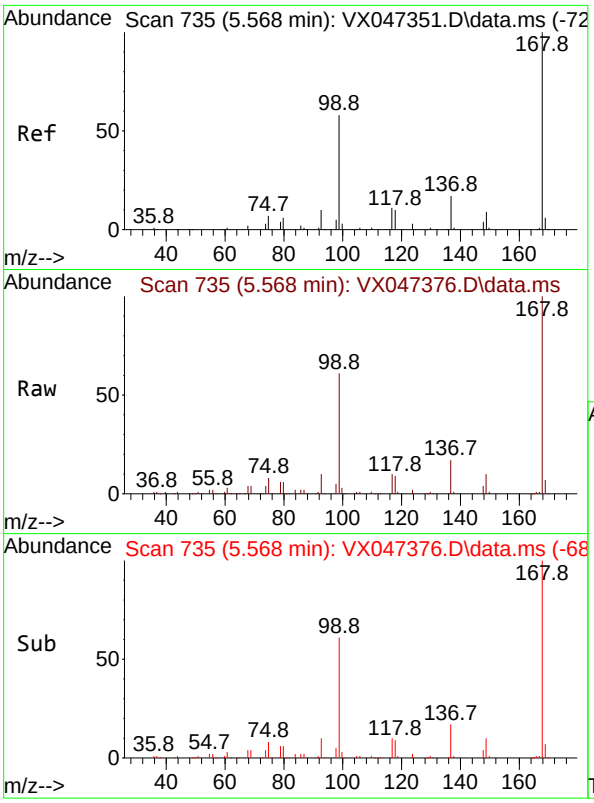
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
Data File : VX047376.D
Acq On : 18 Aug 2025 13:06
Operator : JC/MD
Sample : Q2886-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-TT182D-GW-20250814

Quant Time: Aug 19 01:41:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration



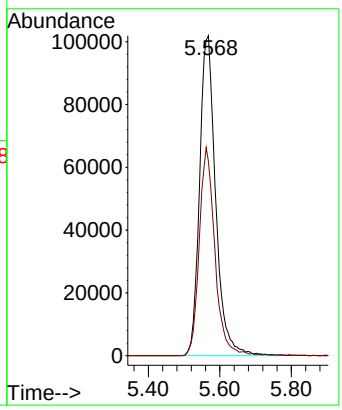


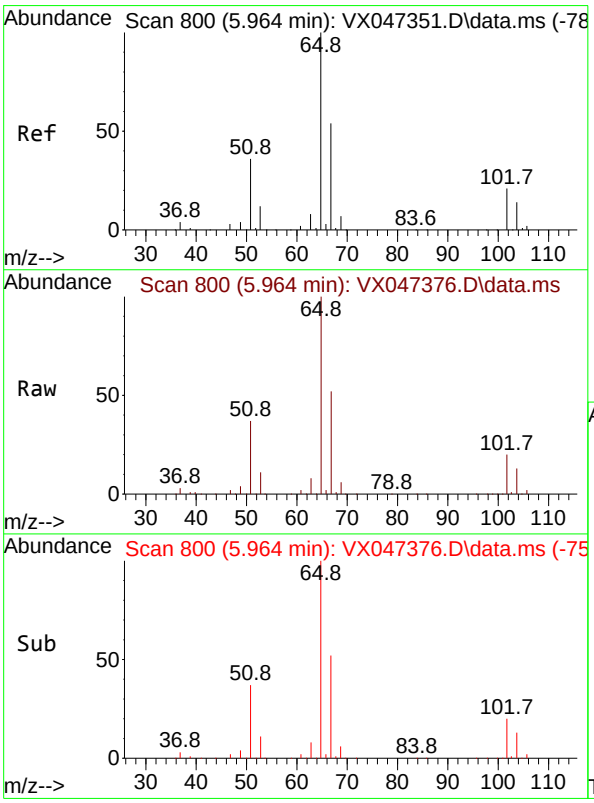
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047376.D
Acq: 18 Aug 2025 13:06

Instrument :
MSVOA_X
ClientSampleId :
BP-TT182D-GW-20250814

Tgt Ion:168 Resp: 318653

Ion	Ratio	Lower	Upper
168	100		
99	60.7	47.9	71.9

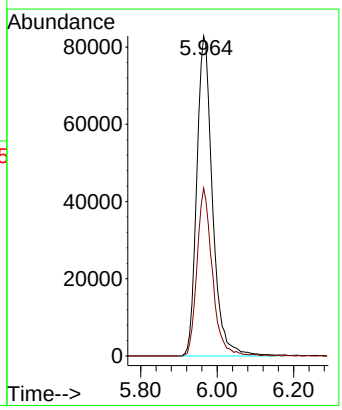


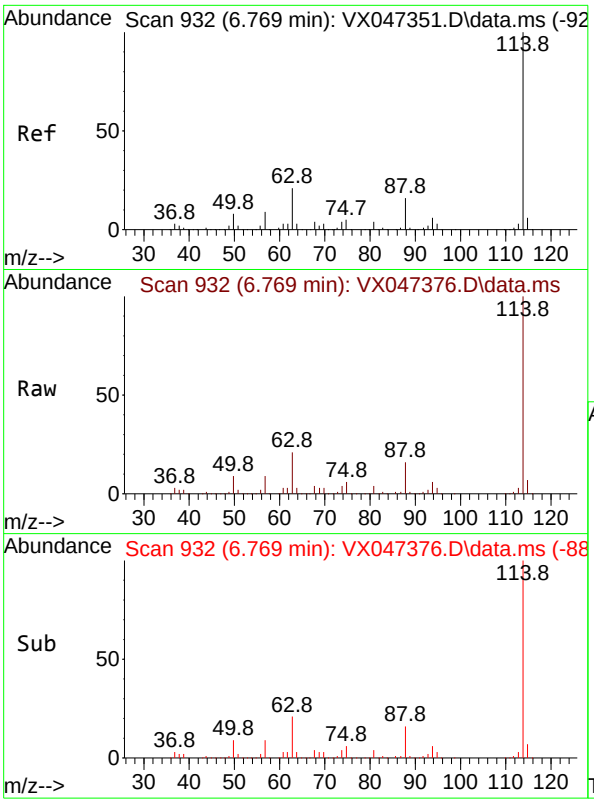


#33
1,2-Dichloroethane-d4
Concen: 52.968 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047376.D
Acq: 18 Aug 2025 13:06

Tgt Ion: 65 Resp: 236218

Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	106.0



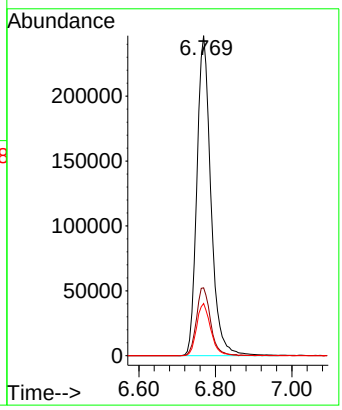


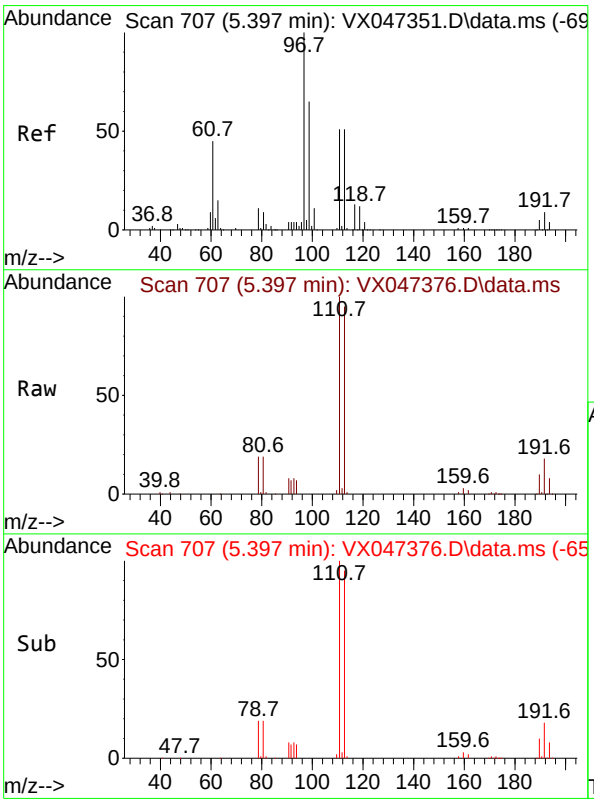
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX047376.D
Acq: 18 Aug 2025 13:06

Instrument :
MSVOA_X
ClientSampleId :
BP-TT182D-GW-20250814

Tgt Ion:114 Resp: 625670

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	42.4
88	16.3	0.0	33.0

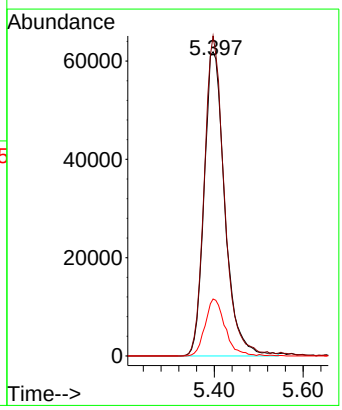


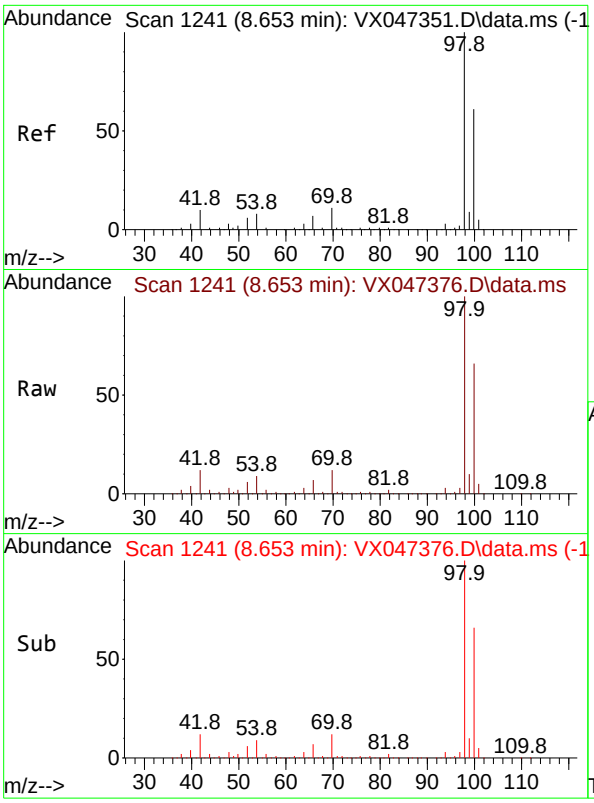


#35
Dibromofluoromethane
Concen: 49.239 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047376.D
Acq: 18 Aug 2025 13:06

Tgt Ion:113 Resp: 199944

Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.4	122.2
192	18.1	14.1	21.1



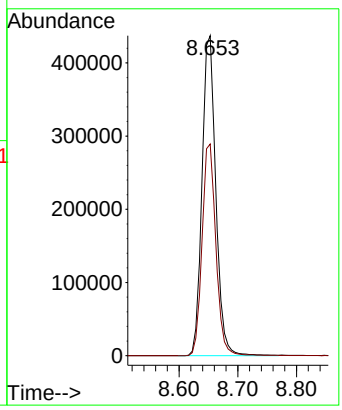


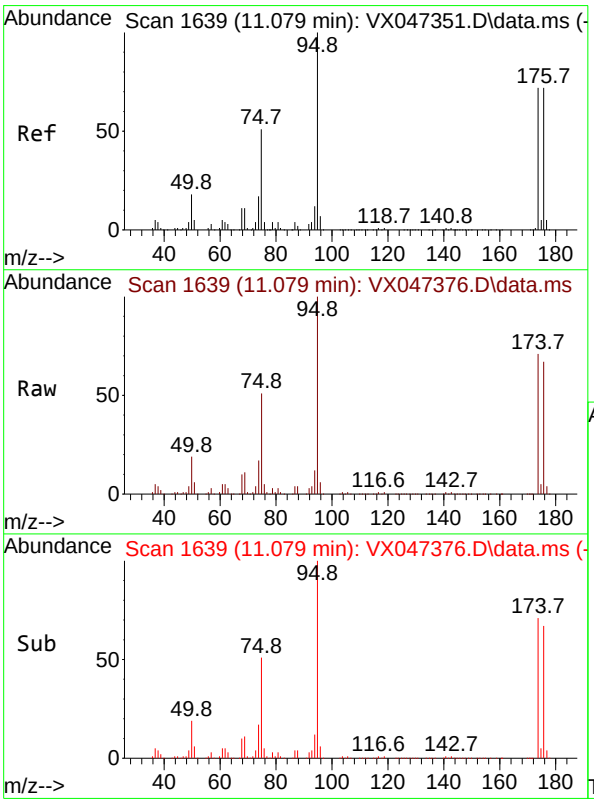
#50
Toluene-d8
Concen: 49.151 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047376.D
Acq: 18 Aug 2025 13:06

Instrument :
MSVOA_X
ClientSampleId :
BP-TT182D-GW-20250814

Tgt Ion: 98 Resp: 713374

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.9	80.9

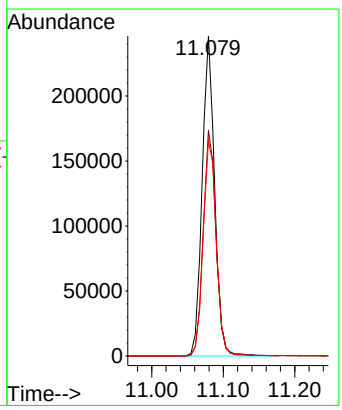


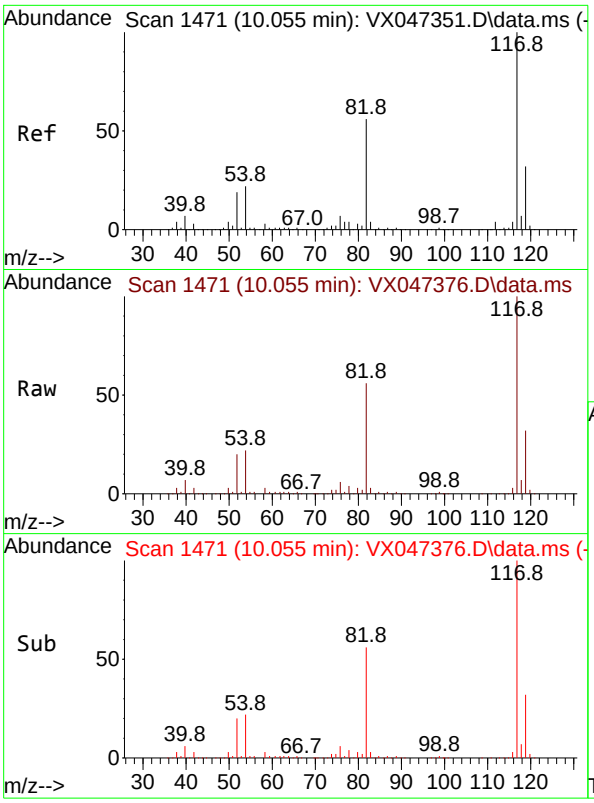


#62
4-Bromofluorobenzene
Concen: 55.409 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047376.D
Acq: 18 Aug 2025 13:06

Tgt Ion: 95 Resp: 296765

Ion	Ratio	Lower	Upper
95	100		
174	73.4	0.0	148.0
176	71.3	0.0	145.4



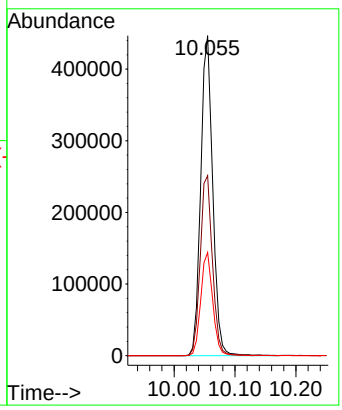


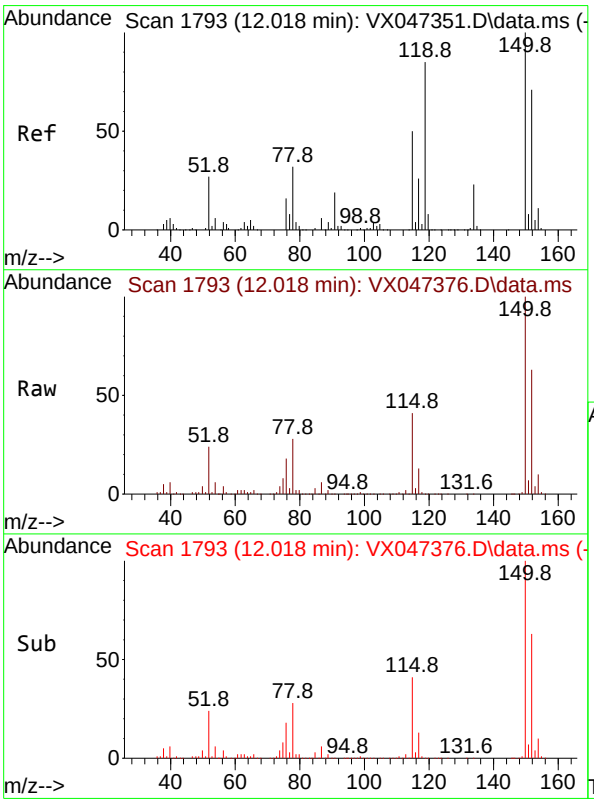
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047376.D
Acq: 18 Aug 2025 13:06

Instrument :
MSVOA_X
ClientSampleId :
BP-TT182D-GW-20250814

Tgt Ion:117 Resp: 611655

Ion	Ratio	Lower	Upper
117	100		
82	56.3	45.0	67.4
119	32.3	25.8	38.8

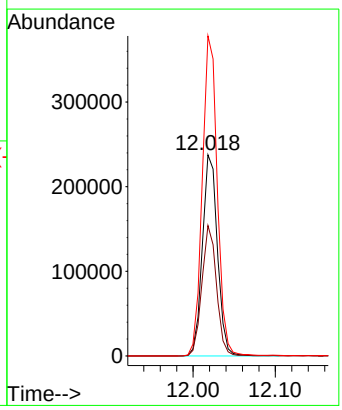




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047376.D
Acq: 18 Aug 2025 13:06

Tgt Ion:152 Resp: 302397

Ion	Ratio	Lower	Upper
152	100		
115	63.0	44.6	133.8
150	158.3	0.0	349.8



Sample Results: **VX047376.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
Data File : VX047376.D
Acq On : 18 Aug 2025 13:06
Operator : JC/MD
Sample : Q2886-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-TT182D-GW-20250814

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Title : SW846 8260

Signal : TIC: VX047376.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.264	24	29	76	rBV	548165	1937869	100.00%	15.079%
2	5.397	696	707	724	rBV3	207511	655846	33.84%	5.103%
3	5.562	724	734	758	rVB	314178	985309	50.84%	7.667%
4	5.964	790	800	820	rBV	224646	636596	32.85%	4.954%
5	6.769	919	932	955	rBV	580887	1481519	76.45%	11.528%
6	8.653	1234	1241	1261	rBV	1165665	1931227	99.66%	15.027%
7	10.055	1465	1471	1484	rBV	1365132	1906261	98.37%	14.833%
8	11.079	1634	1639	1651	rBV	1145783	1405274	72.52%	10.935%
9	12.018	1788	1793	1805	rBV	1510301	1890334	97.55%	14.709%
10	13.719	2068	2072	2077	rVB2	16724	21142	1.09%	0.165%

Sum of corrected areas: 12851377

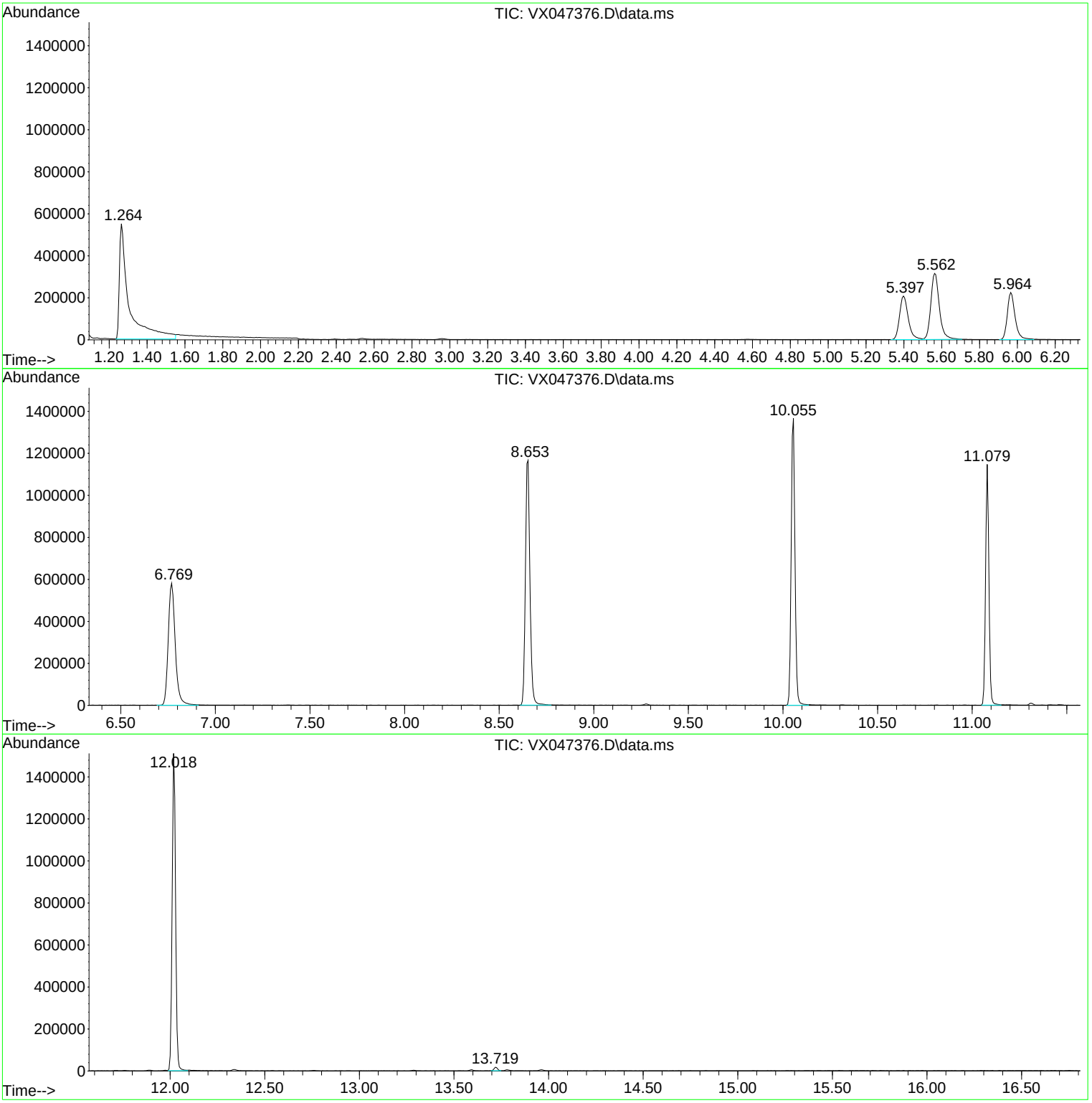
Sample Results: **VX047376.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
Data File : VX047376.D
Acq On : 18 Aug 2025 13:06
Operator : JC/MD
Sample : Q2886-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-TT182D-GW-20250814

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260

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



Library Search Compound Report

Sample Results: **VX047376.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
Data File : VX047376.D
Acq On : 18 Aug 2025 13:06
Operator : JC/MD
Sample : Q2886-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-TT182D-GW-20250814

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
Data File : VX047376.D
Acq On : 18 Aug 2025 13:06
Operator : JC/MD
Sample : Q2886-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-TT182D-GW-20250814

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260

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

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

CALIBRATION SUMMARY

Raw Data

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG No.: Q2886

Instrument ID: MSVOA_X Calibration Date(s): 08/15/2025 08/15/2025

Heated Purge: (Y/N) N Calibration Time(s): 09:40 12:30

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

LAB FILE ID: RRF005 = VX047349.D RRF020 = VX047350.D RRF050 = VX047351.D
RRF100 = VX047352.D RRF150 = VX047353.D RRF001 = VX047356.D

COMPOUND	RRF005	RRF020	RRF050	RRF100	RRF150	RRF001	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.558	0.638	0.731	0.671	0.680	0.546	0.637	11.4
Chloromethane	0.539	0.568	0.624	0.567	0.594	0.549	0.573	5.4
Vinyl Chloride	0.651	0.751	0.800	0.729	0.757	0.630	0.720	9.2
Bromomethane	0.251	0.296	0.336	0.309	0.261		0.291	11.9
Chloroethane	0.392	0.440	0.463	0.410	0.422	0.515	0.440	10
Trichlorofluoromethane	1.012	1.121	1.188	1.060	1.069	0.938	1.065	8.1
1,1,2-Trichlorotrifluoroethane	0.589	0.664	0.697	0.624	0.637	0.494	0.618	11.4
1,1-Dichloroethene	0.575	0.664	0.697	0.635	0.651	0.555	0.630	8.6
Acetone	0.259	0.310	0.280	0.240	0.240	0.249	0.263	10.5
Carbon Disulfide	1.747	1.916	1.993	1.819	1.854	2.069	1.900	6.2
Methyl tert-butyl Ether	1.768	2.019	2.175	1.962	2.014	1.554	1.915	11.5
Methyl Acetate	0.620	0.661	0.769	0.689	0.728	0.621	0.682	8.7
Methylene Chloride	0.645	0.732	0.757	0.669	0.684	0.691	0.697	5.9
trans-1,2-Dichloroethene	0.638	0.705	0.725	0.655	0.664	0.621	0.668	6
1,1-Dichloroethane	1.180	1.294	1.356	1.210	1.238	1.052	1.222	8.5
Cyclohexane	1.024	1.202	1.210	1.082	1.113		1.126	7
2-Butanone	0.328	0.378	0.389	0.342	0.343	0.287	0.344	10.6
Carbon Tetrachloride	0.536	0.596	0.607	0.549	0.554	0.515	0.560	6.3
cis-1,2-Dichloroethene	0.758	0.826	0.846	0.769	0.779	0.692	0.778	7
Bromochloromethane	0.543	0.402	0.540	0.560	0.525	0.481	0.508	11.6
Chloroform	1.236	1.328	1.368	1.214	1.243	1.091	1.247	7.8
1,1,1-Trichloroethane	1.043	1.151	1.195	1.081	1.106	0.863	1.073	10.8
Methylcyclohexane	0.589	0.673	0.695	0.640	0.642	0.595	0.639	6.5
Benzene	1.502	1.665	1.701	1.516	1.504	1.312	1.533	9.1
1,2-Dichloroethane	0.521	0.594	0.600	0.532	0.528	0.484	0.543	8.3
Trichloroethene	0.383	0.423	0.432	0.390	0.391	0.336	0.393	8.6
1,2-Dichloropropane	0.349	0.415	0.421	0.381	0.382	0.357	0.384	7.6
Bromodichloromethane	0.548	0.621	0.635	0.578	0.573	0.513	0.578	7.8
4-Methyl-2-Pentanone	0.408	0.479	0.509	0.451	0.444	0.346	0.440	13
Toluene	0.920	1.043	1.057	0.936	0.927	0.802	0.947	9.9

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

Raw Data

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance | Contract: TETR06

Lab Code: ACE | SDG No.: Q2886

Instrument ID: MSVOA_X | Calibration Date(s): 08/15/2025 08/15/2025

Heated Purge: (Y/N) N | Calibration Time(s): 09:40 12:30

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

LAB FILE ID: RRF005 = VX047349.D RRF020 = VX047350.D RRF050 = VX047351.D
RRF100 = VX047352.D RRF150 = VX047353.D RRF001 = VX047356.D

COMPOUND	RRF005	RRF020	RRF050	RRF100	RRF150	RRF001	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.444	0.537	0.584	0.541	0.550	0.371	0.505	15.9
cis-1,3-Dichloropropene	0.531	0.608	0.642	0.592	0.602	0.451	0.571	12
1,1,2-Trichloroethane	0.358	0.393	0.396	0.352	0.347	0.313	0.360	8.6
2-Hexanone	0.284	0.338	0.347	0.310	0.306	0.239	0.304	12.9
Dibromochloromethane	0.412	0.461	0.464	0.426	0.420	0.382	0.428	7.3
1,2-Dibromoethane	0.358	0.397	0.409	0.365	0.361	0.336	0.371	7.2
Tetrachloroethene	0.351	0.384	0.398	0.360	0.360	0.316	0.362	7.8
Chlorobenzene	1.163	1.268	1.286	1.163	1.175	1.073	1.188	6.6
Ethyl Benzene	1.941	2.216	2.277	2.062	2.056	1.718	2.045	9.8
m/p-Xylenes	0.722	0.831	0.858	0.765	0.759	0.642	0.763	10.2
o-Xylene	0.679	0.793	0.813	0.735	0.732	0.651	0.734	8.6
Styrene	1.186	1.397	1.411	1.271	1.266	0.909	1.240	14.8
Bromoform	0.294	0.322	0.335	0.306	0.313	0.241	0.302	10.9
Isopropylbenzene	3.547	4.192	4.399	4.048	4.080	3.211	3.913	11.4
1,1,2,2-Tetrachloroethane	1.077	1.208	1.269	1.142	1.152	1.044	1.149	7.2
1,3-Dichlorobenzene	1.719	1.907	1.983	1.811	1.823	1.710	1.825	5.8
1,4-Dichlorobenzene	1.788	1.952	1.986	1.788	1.814	1.936	1.877	4.8
1,2-Dichlorobenzene	1.617	1.851	1.862	1.705	1.729	1.631	1.733	6.1
1,2-Dibromo-3-Chloropropane	0.182	0.225	0.247	0.238	0.249	0.191	0.222	13
1,2,4-Trichlorobenzene	1.030	1.168	1.234	1.191	1.204	1.144	1.161	6.2
1,2,3-Trichlorobenzene	0.919	1.109	1.174	1.132	1.160	1.075	1.095	8.5
1,2-Dichloroethane-d4	0.709	0.581	0.700	0.747	0.762		0.700	10.2
Dibromofluoromethane	0.310	0.278	0.331	0.354	0.349		0.325	9.6
Toluene-d8	1.157	0.994	1.171	1.246	1.232		1.160	8.7
4-Bromofluorobenzene	0.441	0.371	0.428	0.452	0.448		0.428	7.8

* 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.

Response Factor Report MSVOA_X2

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X081525W.M
Title : SW846 8260
Last Update : Mon Aug 18 04:18:28 2025
Response Via : Initial Calibration

Calibration Files
1 =VX047356.D 5 =VX047349.D 20 =VX047350.D 50 =VX047351.D 100 =VX047352.D 150 =VX047353.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.546	0.558	0.638	0.731	0.671	0.680	0.637	11.38
3)	P	Chloromethane	0.549	0.539	0.568	0.624	0.567	0.594	0.573	5.41
4)	C	Vinyl Chloride	0.630	0.651	0.751	0.800	0.729	0.757	0.720	9.16#
5)	T	Bromomethane		0.251	0.296	0.336	0.309	0.261	0.291	11.94
6)	T	Chloroethane	0.515	0.392	0.440	0.463	0.410	0.422	0.440	10.01
7)	T	Trichlorofluor...	0.938	1.012	1.121	1.188	1.060	1.069	1.065	8.10
8)	T	Diethyl Ether	0.340	0.351	0.387	0.415	0.370	0.385	0.375	7.21
9)	T	1,1,2-Trichlor...	0.494	0.589	0.664	0.697	0.624	0.637	0.618	11.41
10)	T	Methyl Iodide		0.820	0.912	1.163	1.181	1.215	1.058	16.96
11)	T	Tert butyl alc...		0.052	0.059	0.068	0.062	0.063	0.061	9.76
12)	CM	1,1-Dichloroet...	0.555	0.575	0.664	0.697	0.635	0.651	0.630	8.61#
13)	T	Acrolein		0.130	0.122	0.132	0.127	0.131	0.129	3.22
14)	T	Allyl chloride	0.951	1.023	1.143	1.211	1.109	1.124	1.093	8.47
15)	T	Acrylonitrile	0.248	0.260	0.314	0.340	0.299	0.303	0.294	11.64
16)	T	Acetone	0.249	0.259	0.310	0.280	0.240	0.240	0.263	10.48
17)	T	Carbon Disulfide	2.069	1.747	1.916	1.993	1.819	1.854	1.900	6.21
18)	T	Methyl Acetate	0.621	0.620	0.661	0.769	0.689	0.728	0.682	8.75
19)	T	Methyl tert-bu...	1.554	1.768	2.019	2.175	1.962	2.014	1.915	11.49
20)	T	Methylene Chlo...	0.691	0.645	0.732	0.757	0.669	0.684	0.697	5.94
21)	T	trans-1,2-Dich...	0.621	0.638	0.705	0.725	0.655	0.664	0.668	5.98
22)	T	Diisopropyl ether	1.735	2.035	2.372	2.460	2.180	2.186	2.161	11.92
23)	T	Vinyl Acetate	1.412	1.596	1.919	2.040	1.821	1.841	1.772	12.91
24)	P	1,1-Dichloroet...	1.052	1.180	1.294	1.356	1.210	1.238	1.222	8.53
25)	T	2-Butanone	0.287	0.328	0.378	0.389	0.342	0.343	0.344	10.56
26)	T	2,2-Dichloropr...	0.776	0.864	0.976	1.017	0.940	0.960	0.922	9.49
27)	T	cis-1,2-Dichlo...	0.692	0.758	0.826	0.846	0.769	0.779	0.778	6.99
28)	T	Bromochloromet...	0.481	0.543	0.402	0.540	0.560	0.525	0.508	11.55
29)	T	Tetrahydrofuran	0.219	0.206	0.227	0.246	0.219	0.219	0.223	5.97
30)	C	Chloroform	1.091	1.236	1.328	1.368	1.214	1.243	1.247	7.75#
31)	T	Cyclohexane		1.024	1.202	1.210	1.082	1.112	1.126	7.05
32)	T	1,1,1-Trichlor...	0.863	1.043	1.151	1.195	1.081	1.106	1.073	10.80
33)	S	1,2-Dichloroet...		0.709	0.581	0.700	0.747	0.762	0.700	10.19
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.310	0.278	0.331	0.354	0.349	0.325	9.56
36)	T	1,1-Dichloropr...	0.474	0.475	0.551	0.562	0.509	0.502	0.512	7.25
37)	T	Ethyl Acetate	0.492	0.491	0.568	0.590	0.528	0.523	0.532	7.57
38)	T	Carbon Tetrach...	0.515	0.536	0.596	0.607	0.549	0.554	0.560	6.31
39)	T	Methylcyclohexane	0.595	0.589	0.673	0.695	0.640	0.642	0.639	6.55
40)	TM	Benzene	1.312	1.502	1.665	1.701	1.516	1.504	1.533	9.07
41)	T	Methacrylonitrile	0.175	0.192	0.244	0.258	0.245	0.231	0.224	14.75
42)	TM	1,2-Dichloroet...	0.484	0.521	0.594	0.600	0.532	0.528	0.543	8.33
43)	T	Isopropyl Acetate	0.645	0.660	0.811	0.868	0.798	0.802	0.764	11.82
44)	TM	Trichloroethene	0.336	0.383	0.423	0.432	0.390	0.391	0.393	8.64
45)	C	1,2-Dichloropr...	0.357	0.349	0.415	0.421	0.381	0.382	0.384	7.60#
46)	T	Dibromomethane	0.248	0.272	0.302	0.302	0.273	0.276	0.279	7.34
47)	T	Bromodichlorom...	0.513	0.548	0.621	0.635	0.578	0.573	0.578	7.81
48)	T	Methyl methacr...	0.352	0.335	0.419	0.445	0.412	0.417	0.397	10.89
49)	T	1,4-Dioxane	0.003	0.004	0.004	0.004	0.004	0.004	0.004	14.33
50)	S	Toluene-d8		1.157	0.994	1.171	1.246	1.232	1.160	8.66
51)	T	4-Methyl-2-Pen...	0.346	0.408	0.479	0.509	0.451	0.444	0.440	12.98
52)	CM	Toluene	0.802	0.920	1.043	1.057	0.936	0.927	0.947	9.87#
53)	T	t-1,3-Dichloro...	0.371	0.444	0.537	0.584	0.541	0.550	0.505	15.92
54)	T	cis-1,3-Dichlo...	0.451	0.531	0.608	0.642	0.592	0.602	0.571	12.05
55)	T	1,1,2-Trichlor...	0.313	0.358	0.393	0.396	0.352	0.347	0.360	8.61
56)	T	Ethyl methacry...	0.405	0.466	0.562	0.617	0.563	0.569	0.530	14.84

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X081525W.M

57)	T	1,3-Dichloropr...	0.553	0.591	0.672	0.670	0.600	0.592	0.613	7.78
58)	T	2-Chloroethyl ...	0.103	0.191	0.184	0.274	0.256	0.259	0.211	30.82
59)	T	2-Hexanone	0.239	0.284	0.338	0.347	0.310	0.306	0.304	12.89
60)	T	Dibromochlorom...	0.382	0.412	0.461	0.464	0.426	0.420	0.428	7.31
61)	T	1,2-Dibromoethane	0.336	0.358	0.397	0.409	0.365	0.361	0.371	7.24
62)	S	4-Bromofluorob...		0.441	0.371	0.428	0.452	0.448	0.428	7.78
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.316	0.351	0.384	0.398	0.360	0.360	0.362	7.79
65)	PM	Chlorobenzene	1.073	1.163	1.268	1.286	1.163	1.175	1.188	6.58
66)	T	1,1,1,2-Tetrac...	0.345	0.389	0.423	0.441	0.403	0.409	0.402	8.27
67)	C	Ethyl Benzene	1.718	1.941	2.216	2.277	2.062	2.056	2.045	9.81#
68)	T	m/p-Xylenes	0.642	0.722	0.831	0.858	0.765	0.759	0.763	10.18
69)	T	o-Xylene	0.651	0.679	0.793	0.813	0.735	0.732	0.734	8.55
70)	T	Styrene	0.909	1.186	1.397	1.411	1.271	1.266	1.240	14.80
71)	P	Bromoform	0.241	0.294	0.322	0.335	0.306	0.313	0.302	10.89
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.211	3.547	4.192	4.399	4.048	4.080	3.913	11.36
74)	T	N-amyl acetate	1.047	1.230	1.539	1.729	1.658	1.712	1.486	19.05
75)	P	1,1,2,2-Tetrac...	1.044	1.077	1.208	1.269	1.142	1.152	1.149	7.19
76)	T	1,2,3-Trichlor...	0.818	0.888	0.941	1.014	0.919	0.921	0.917	6.98
77)	T	Bromobenzene	0.797	0.909	1.017	1.053	0.978	0.977	0.955	9.54
78)	T	n-propylbenzene	3.905	4.263	5.031	5.179	4.817	4.844	4.673	10.45
79)	T	2-Chlorotoluene	2.545	2.612	3.039	3.096	2.828	2.830	2.825	7.80
80)	T	1,3,5-Trimethy...	2.716	2.909	3.463	3.588	3.311	3.329	3.219	10.44
81)	T	trans-1,4-Dich...		0.089	0.141	0.199	0.215	0.246	0.178	35.26
82)	T	4-Chlorotoluene	3.043	3.128	3.542	3.630	3.299	3.338	3.330	6.83
83)	T	tert-Butylbenzene	2.658	2.867	3.451	3.619	3.334	3.342	3.212	11.48
84)	T	1,2,4-Trimethy...	2.516	2.990	3.521	3.645	3.318	3.326	3.219	12.74
85)	T	sec-Butylbenzene	3.273	3.630	4.323	4.417	4.101	4.142	3.981	11.07
86)	T	p-Isopropyltol...	2.961	3.071	3.569	3.726	3.416	3.469	3.369	8.75
87)	T	1,3-Dichlorobe...	1.710	1.719	1.907	1.983	1.811	1.823	1.825	5.82
88)	T	1,4-Dichlorobe...	1.936	1.788	1.952	1.986	1.788	1.814	1.877	4.81
89)	T	n-Butylbenzene	2.816	2.796	3.309	3.444	3.208	3.227	3.133	8.52
90)	T	Hexachloroethane	0.529	0.505	0.584	0.653	0.618	0.657	0.591	10.74
91)	T	1,2-Dichlorobe...	1.631	1.617	1.851	1.862	1.705	1.729	1.733	6.06
92)	T	1,2-Dibromo-3-...	0.191	0.182	0.225	0.247	0.238	0.249	0.222	13.01
93)	T	1,2,4-Trichlor...	1.144	1.030	1.168	1.234	1.191	1.204	1.161	6.16
94)	T	Hexachlorobuta...	0.562	0.367	0.387	0.404	0.376	0.383	0.413	17.91
95)	T	Naphthalene	2.674	2.705	3.401	3.779	3.639	3.717	3.319	15.20
96)	T	1,2,3-Trichlor...	1.075	0.919	1.109	1.174	1.132	1.160	1.095	8.48

(#) = Out of Range

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047349.D
Acq On : 15 Aug 2025 09:40
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

Quant Time: Aug 18 02:52:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 02:51:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	281608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	479446	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	434591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	224159	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	19963	5.065	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 10.140%#			
35) Dibromofluoromethane	5.397	113	14862	4.776	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 9.560%#			
50) Toluene-d8	8.653	98	55469	4.987	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 9.980%#			
62) 4-Bromofluorobenzene	11.079	95	21138	5.150	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 10.300%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	15718	4.378	ug/l	97
3) Chloromethane	1.313	50	15170	4.697	ug/l	92
4) Vinyl Chloride	1.392	62	18322	4.520	ug/l	94
5) Bromomethane	1.624	94	7076	4.322	ug/l	94
6) Chloroethane	1.709	64	11042	4.452	ug/l	96
7) Trichlorofluoromethane	1.904	101	28485	4.751	ug/l	93
8) Diethyl Ether	2.148	74	9891	4.685	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.343	101	16582	4.768	ug/l	99
10) Methyl Iodide	2.471	142	23080	3.872	ug/l	97
11) Tert butyl alcohol	2.965	59	7340	21.408	ug/l #	89
12) 1,1-Dichloroethene	2.337	96	16204	4.570	ug/l	92
13) Acrolein	2.252	56	18274	25.248	ug/l	97
14) Allyl chloride	2.678	41	28797	4.676	ug/l	100
15) Acrylonitrile	3.087	53	36613	22.099	ug/l	97
16) Acetone	2.392	43	36440	24.598	ug/l	94
17) Carbon Disulfide	2.532	76	49197	4.598	ug/l	99
18) Methyl Acetate	2.721	43	17456	4.547	ug/l	93
19) Methyl tert-butyl Ether	3.130	73	49799	4.617	ug/l	100
20) Methylene Chloride	2.806	84	18175	4.633	ug/l	97
21) trans-1,2-Dichloroethene	3.105	96	17974	4.776	ug/l	88
22) Diisopropyl ether	3.776	45	57311	4.708	ug/l	96
23) Vinyl Acetate	3.739	43	224747	22.525	ug/l	100
24) 1,1-Dichloroethane	3.623	63	33241	4.831	ug/l	99
25) 2-Butanone	4.581	43	46235	23.830	ug/l	97
26) 2,2-Dichloropropane	4.489	77	24325	4.684	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	21338	4.868	ug/l	96
28) Bromochloromethane	4.916	49	15283	5.338	ug/l	98
29) Tetrahydrofuran	5.038	42	28938m	23.076	ug/l	
30) Chloroform	5.105	83	34798	4.955	ug/l	97
31) Cyclohexane	5.483	56	28847	4.548	ug/l	91
32) 1,1,1-Trichloroethane	5.404	97	29367	4.859	ug/l	99
36) 1,1-Dichloropropene	5.702	75	22796	4.641	ug/l	96
37) Ethyl Acetate	4.739	43	23521	4.613	ug/l	99
38) Carbon Tetrachloride	5.690	117	25718	4.791	ug/l	96
39) Methylcyclohexane	7.385	83	28242	4.609	ug/l	98
40) Benzene	6.050	78	72021	4.899	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047349.D
Acq On : 15 Aug 2025 09:40
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 18 02:52:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 02:51:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.958	41	9185	4.271	ug/l	#	91
42) 1,2-Dichloroethane	6.099	62	24979	4.796	ug/l		99
43) Isopropyl Acetate	6.361	43	31621	4.316	ug/l		97
44) Trichloroethene	7.135	130	18386	4.884	ug/l		99
45) 1,2-Dichloropropane	7.434	63	16729	4.542	ug/l		95
46) Dibromomethane	7.592	93	13062	4.885	ug/l		97
47) Bromodichloromethane	7.824	83	26280	4.741	ug/l		95
48) Methyl methacrylate	7.702	41	16053	4.222	ug/l		99
49) 1,4-Dioxane	7.696	88	3959m	109.635	ug/l		
51) 4-Methyl-2-Pentanone	8.580	43	97891	23.221	ug/l		97
52) Toluene	8.720	92	44099	4.854	ug/l		98
53) t-1,3-Dichloropropene	8.982	75	21300	4.403	ug/l		94
54) cis-1,3-Dichloropropene	8.373	75	25475	4.652	ug/l		93
55) 1,1,2-Trichloroethane	9.153	97	17150	4.972	ug/l	#	83
56) Ethyl methacrylate	9.122	69	22362	4.397	ug/l		97
57) 1,3-Dichloropropane	9.311	76	28336	4.821	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.245	63	45735	26.559	ug/l		98
59) 2-Hexanone	9.433	43	68164	23.375	ug/l		96
60) Dibromochloromethane	9.519	129	19760	4.820	ug/l		97
61) 1,2-Dibromoethane	9.610	107	17154	4.823	ug/l		97
64) Tetrachloroethene	9.275	164	15266	4.856	ug/l		91
65) Chlorobenzene	10.080	112	50559	4.896	ug/l		95
66) 1,1,1,2-Tetrachloroethane	10.165	131	16894	4.839	ug/l		96
67) Ethyl Benzene	10.195	91	84363	4.746	ug/l		98
68) m/p-Xylenes	10.299	106	62714	9.462	ug/l		97
69) o-Xylene	10.640	106	29488	4.623	ug/l		100
70) Styrene	10.653	104	51543	4.783	ug/l		98
71) Bromoform	10.799	173	12769	4.869	ug/l	#	94
73) Isopropylbenzene	10.964	105	79512	4.533	ug/l		99
74) N-amyl acetate	10.842	43	27565	4.138	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	24139	4.687	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	19912m	4.843	ug/l		
77) Bromobenzene	11.195	156	20380	4.758	ug/l		96
78) n-propylbenzene	11.305	91	95550	4.561	ug/l		100
79) 2-Chlorotoluene	11.366	91	58544	4.623	ug/l		98
80) 1,3,5-Trimethylbenzene	11.451	105	65210	4.518	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.018	75	1992	9.640	ug/l		87
82) 4-Chlorotoluene	11.451	91	70117	4.697	ug/l		98
83) tert-Butylbenzene	11.713	119	64267	4.463	ug/l		97
84) 1,2,4-Trimethylbenzene	11.750	105	67032	4.644	ug/l		98
85) sec-Butylbenzene	11.890	105	81375	4.559	ug/l		99
86) p-Isopropyltoluene	12.006	119	68849	4.559	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	38531	4.709	ug/l		99
88) 1,4-Dichlorobenzene	12.037	146	40089	4.763	ug/l		93
89) n-Butylbenzene	12.329	91	62666	4.461	ug/l		99
90) Hexachloroethane	12.536	117	11325	4.274	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	36248	4.667	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	4081	4.097	ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	23080	4.432	ug/l		96
94) Hexachlorobutadiene	13.725	225	8221	4.436	ug/l		94
95) Naphthalene	13.774	128	60645	4.076	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	20611	4.199	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047349.D
Acq On : 15 Aug 2025 09:40
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

Quant Time: Aug 18 02:52:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 02:51:35 2025
Response via : Initial Calibration

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

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

ICAL Form

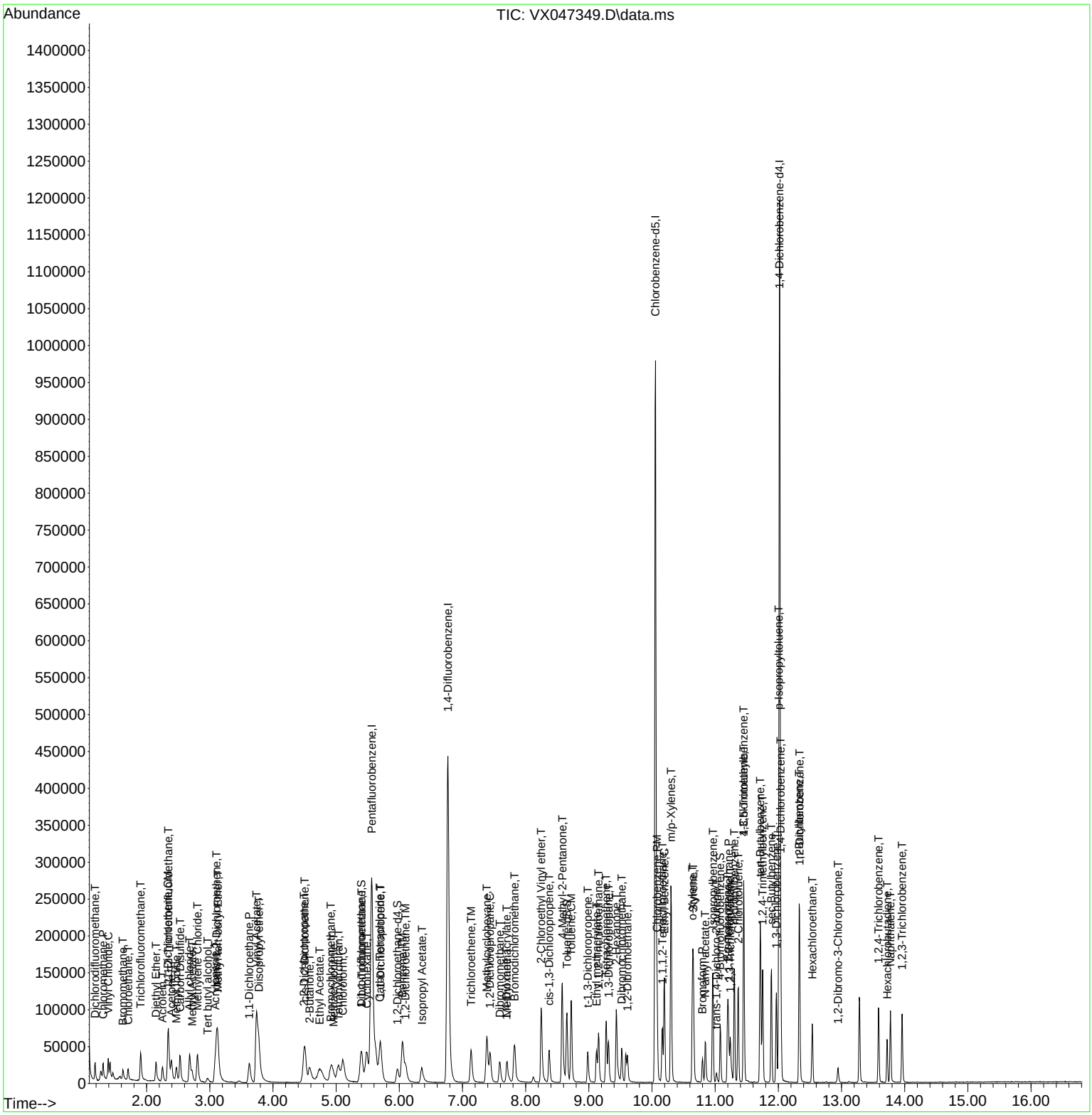
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047349.D
Acq On : 15 Aug 2025 09:40
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

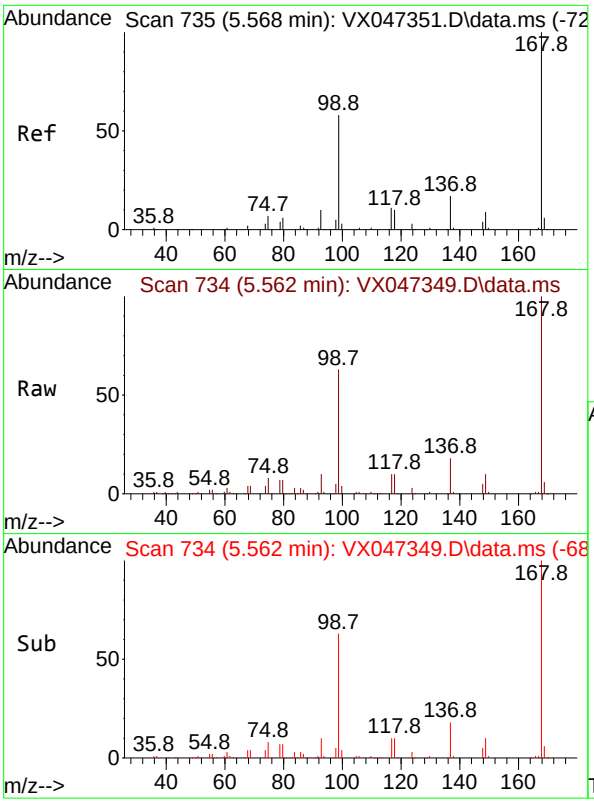
Quant Time: Aug 18 02:52:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 02:51:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

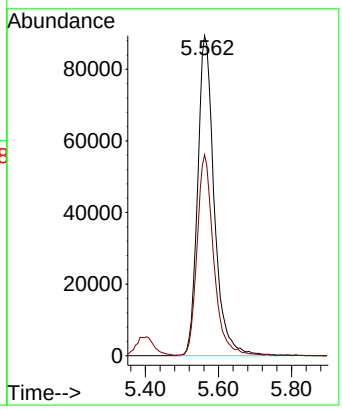




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion:168 Resp: 28160

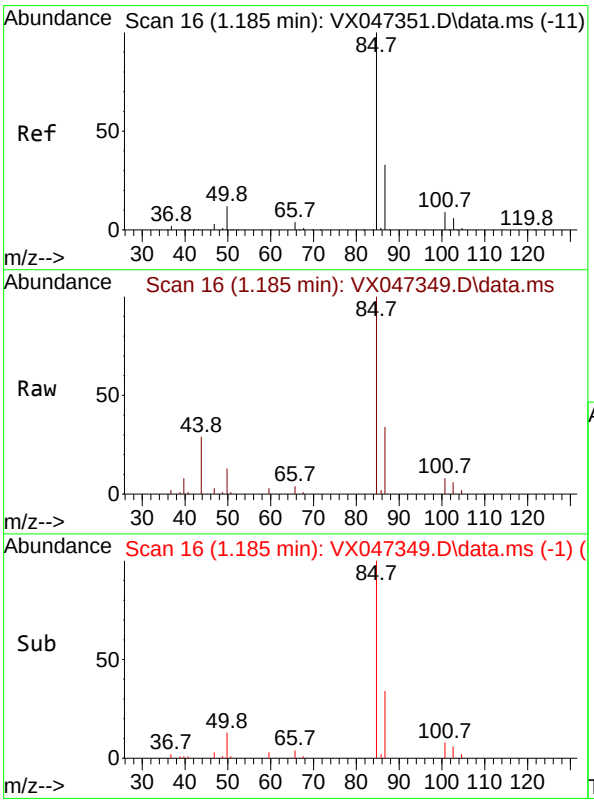
Ion	Ratio	Lower	Upper
168	100		
99	62.6	47.9	71.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

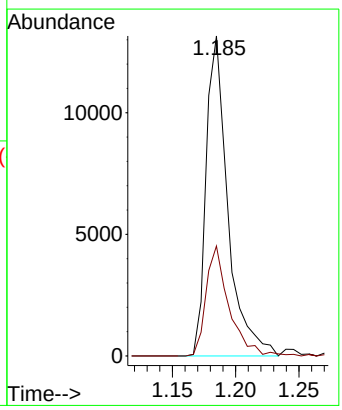
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

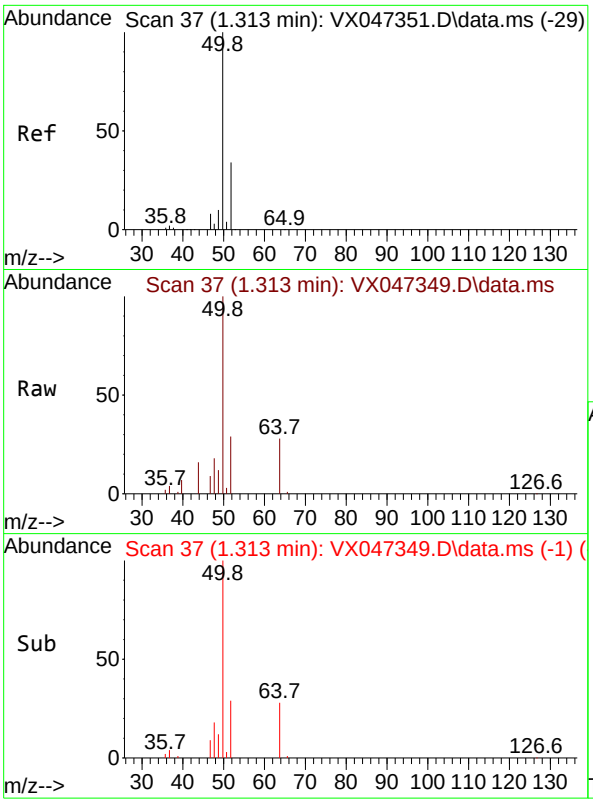


#2
Dichlorodifluoromethane
Concen: 4.378 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 85 Resp: 15718

Ion	Ratio	Lower	Upper
85	100		
87	34.4	16.4	49.1

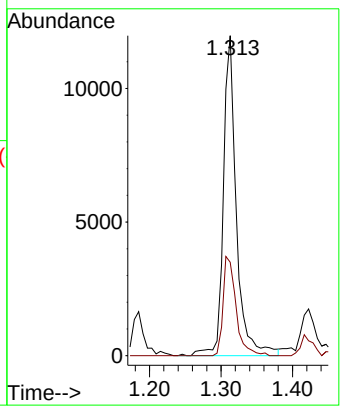




#3
Chloromethane
Concen: 4.697 ug/l
RT: 1.313 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 50 Resp: 1517

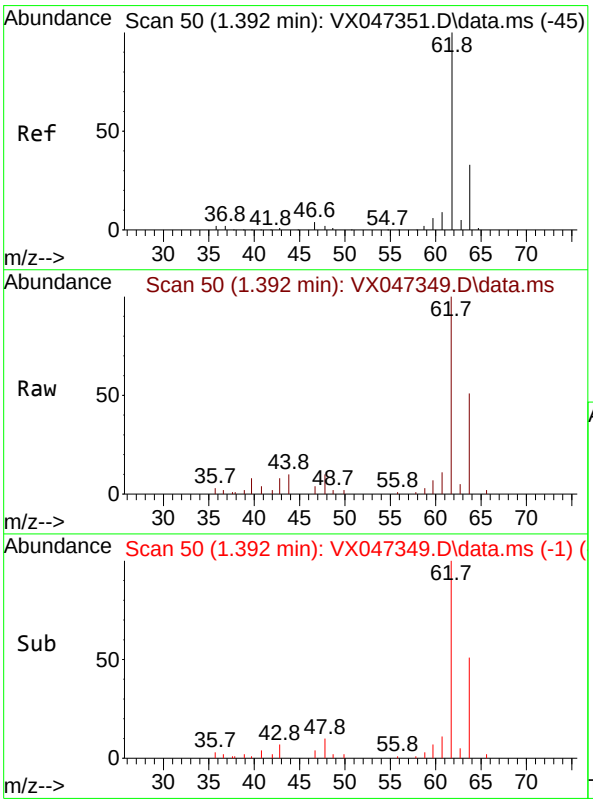
Ion	Ratio	Lower	Upper
50	100		
52	29.2	27.0	40.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

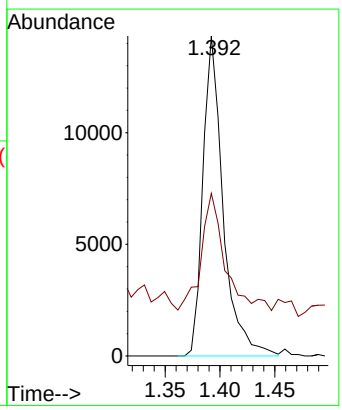
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

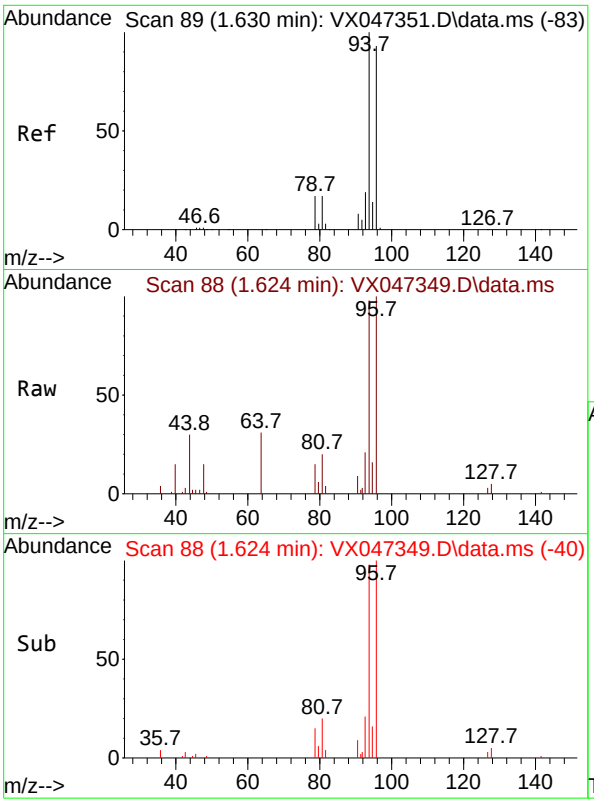


#4
Vinyl Chloride
Concen: 4.520 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 62 Resp: 18322

Ion	Ratio	Lower	Upper
62	100		
64	36.4	26.5	39.7

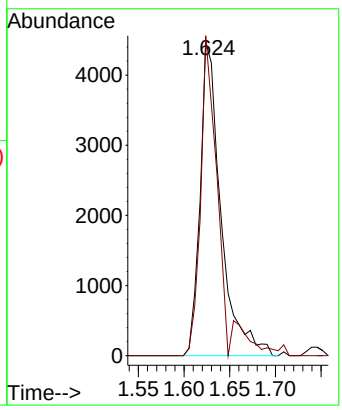




#5
Bromomethane
Concen: 4.322 ug/l
RT: 1.624 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 94 Resp: 707

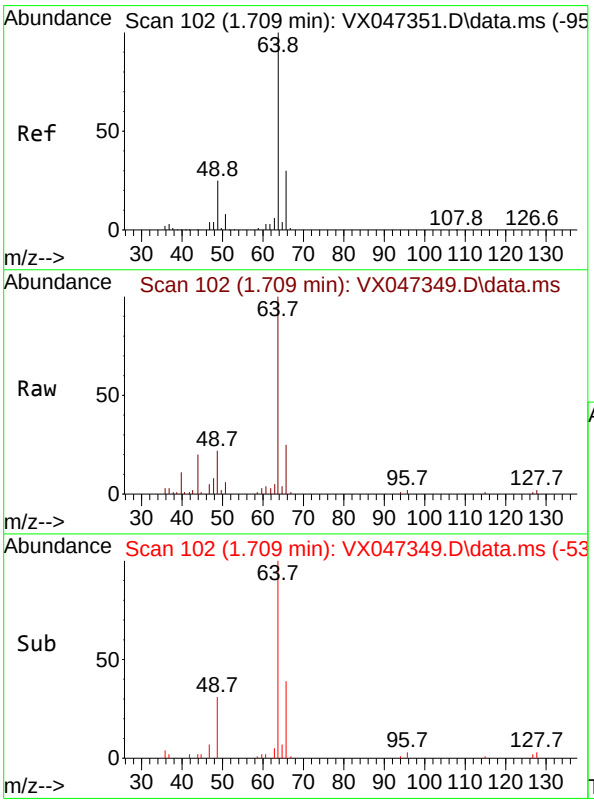
Ion	Ratio	Lower	Upper
94	100		
96	87.8	74.7	112.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

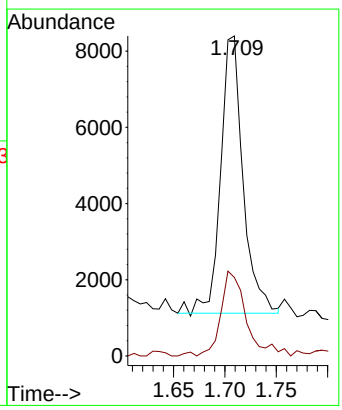
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

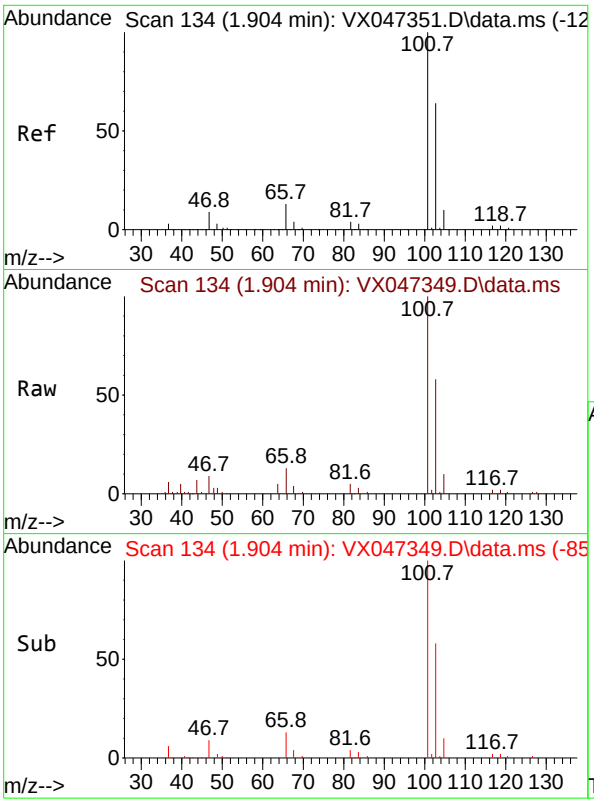


#6
Chloroethane
Concen: 4.452 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 64 Resp: 11042

Ion	Ratio	Lower	Upper
64	100		
66	28.4	24.4	36.6

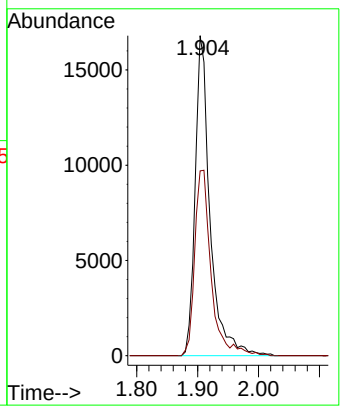




#7
Trichlorofluoromethane
Concen: 4.751 ug/l
RT: 1.904 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion:101 Resp: 2848

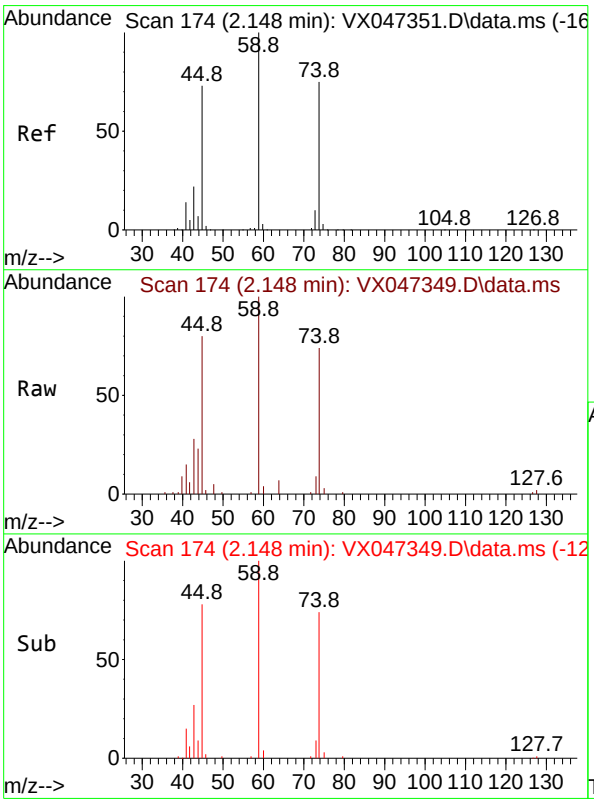
Ion	Ratio	Lower	Upper
101	100		
103	57.8	50.9	76.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

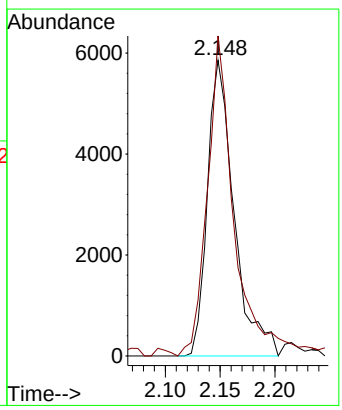
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

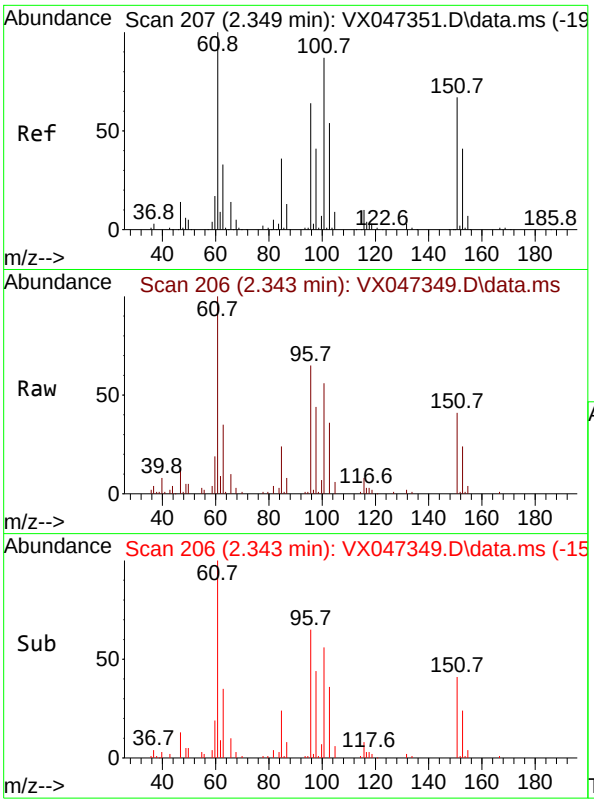


#8
Diethyl Ether
Concen: 4.685 ug/l
RT: 2.148 min Scan# 174
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 74 Resp: 9891

Ion	Ratio	Lower	Upper
74	100		
45	111.2	51.3	154.0

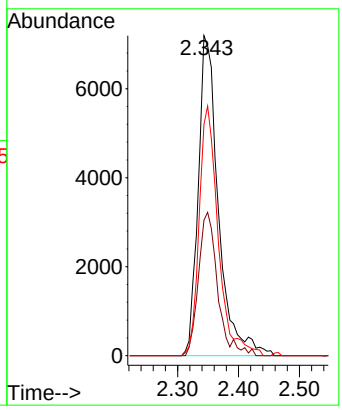




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.768 ug/l
RT: 2.343 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion:101 Resp: 1658

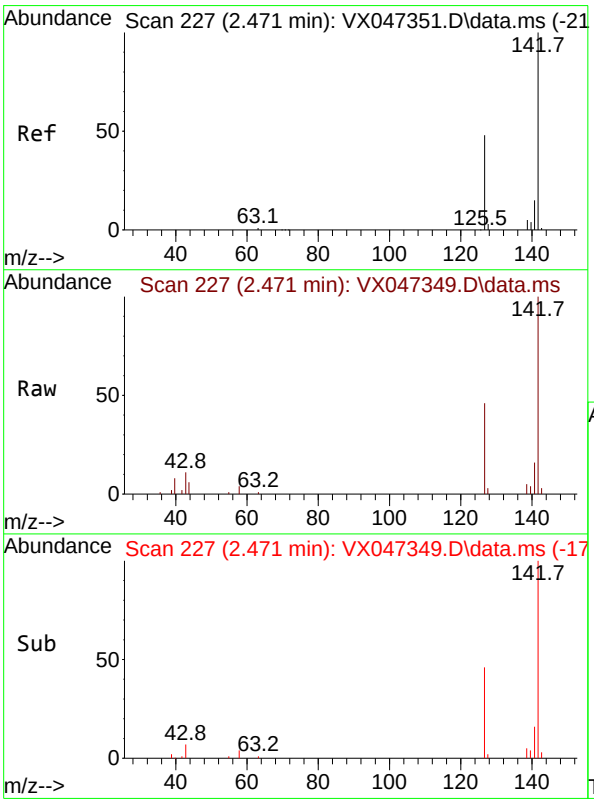
Ion	Ratio	Lower	Upper
101	100		
85	42.4	34.3	51.5
151	73.3	59.2	88.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

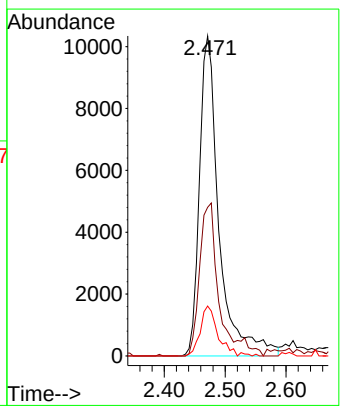
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

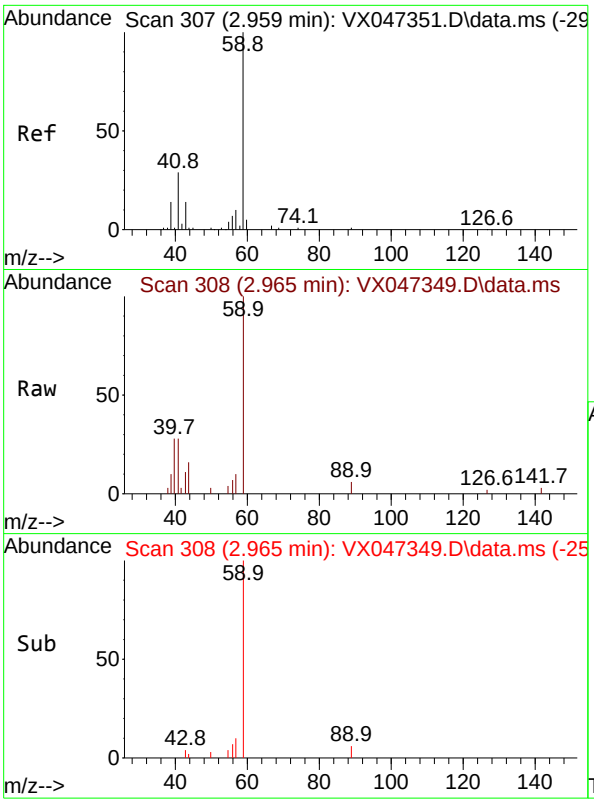


#10
Methyl Iodide
Concen: 3.872 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion:142 Resp: 23080

Ion	Ratio	Lower	Upper
142	100		
127	47.1	36.1	54.1
141	14.2	11.1	16.7

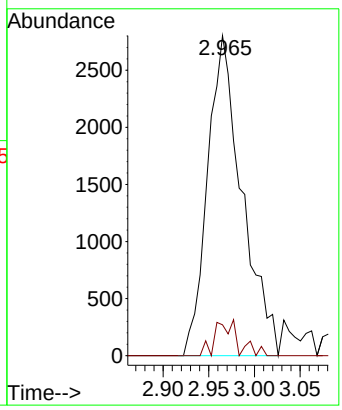




#11
Tert butyl alcohol
Concen: 21.408 ug/l
RT: 2.965 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 59 Resp: 734

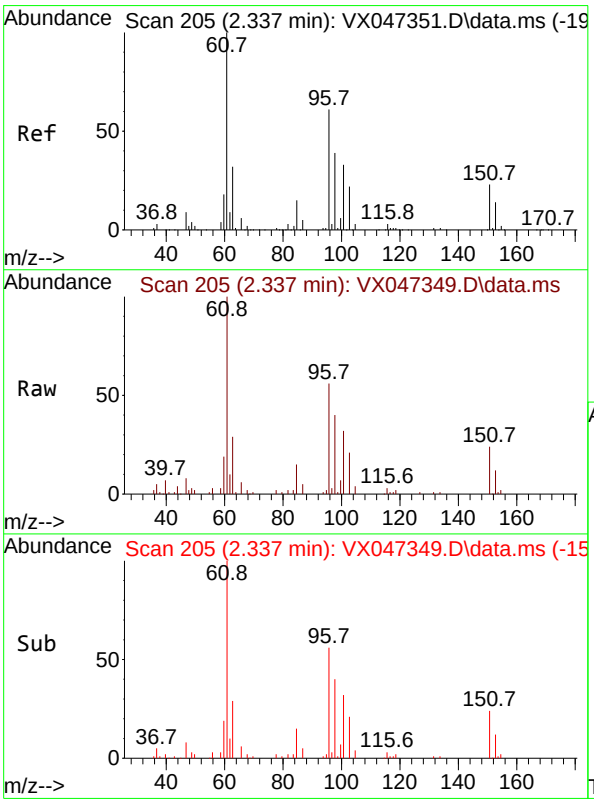
Ion	Ratio	Lower	Upper
59	100		
57	6.4	8.3	12.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

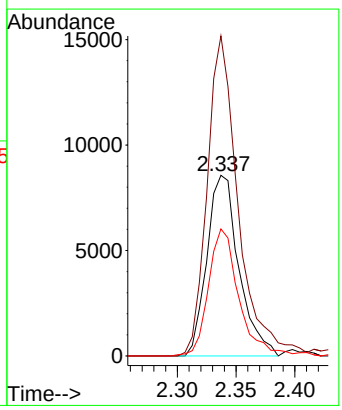
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

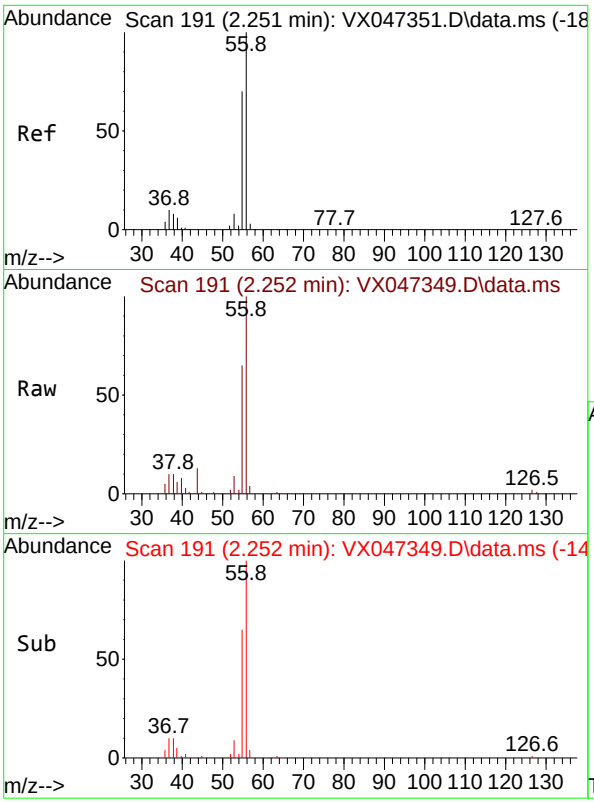


#12
1,1-Dichloroethene
Concen: 4.570 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 96 Resp: 16204

Ion	Ratio	Lower	Upper
96	100		
61	177.1	132.2	198.2
98	69.6	51.2	76.8

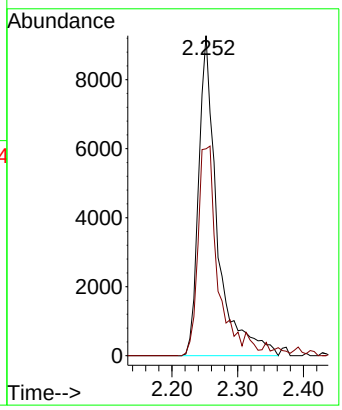




#13
Acrolein
Concen: 25.248 ug/l
RT: 2.252 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 56 Resp: 1827

Ion	Ratio	Lower	Upper
56	100		
55	66.8	55.5	83.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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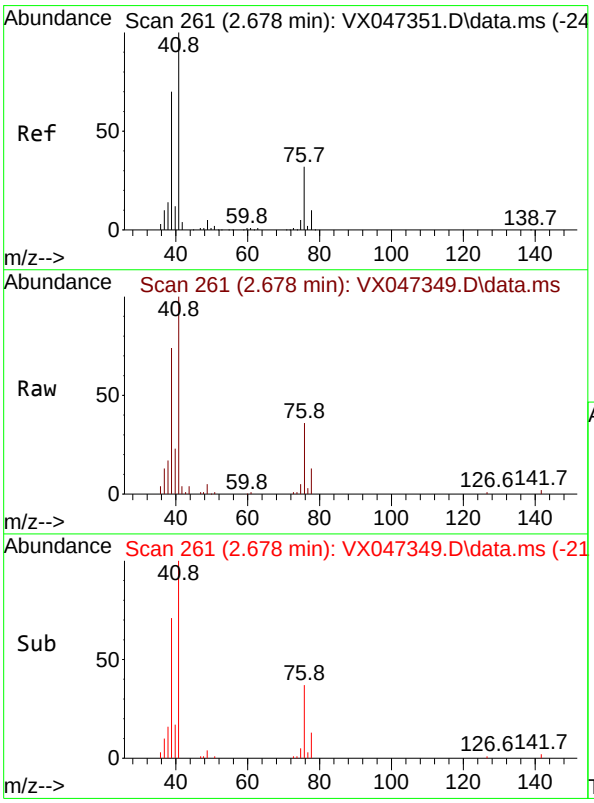
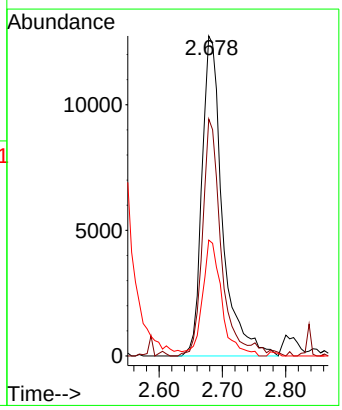
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

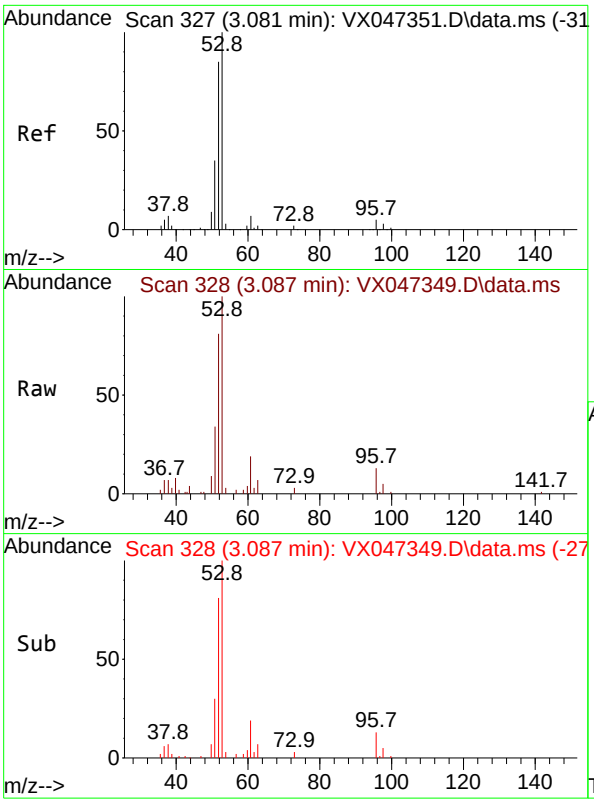


#14
Allyl chloride
Concen: 4.676 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 41 Resp: 28797

Ion	Ratio	Lower	Upper
41	100		
39	68.3	54.6	81.8
76	34.0	27.6	41.4

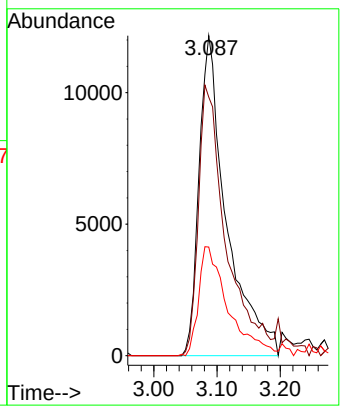




#15
Acrylonitrile
Concen: 22.099 ug/l
RT: 3.087 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 53 Resp: 3661

Ion	Ratio	Lower	Upper
53	100		
52	84.8	65.8	98.6
51	36.7	28.2	42.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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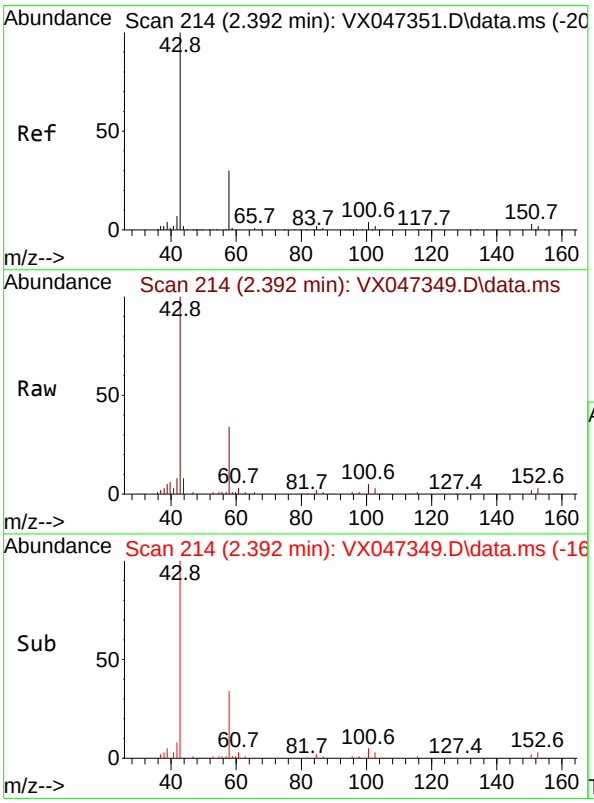
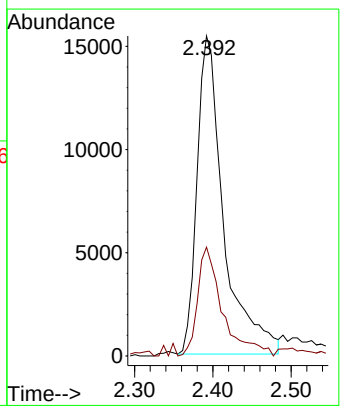
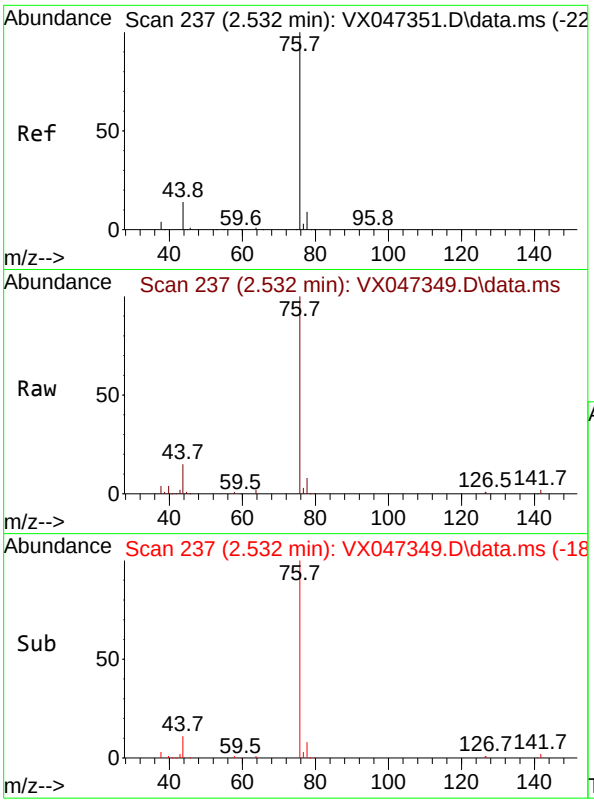


#16
Acetone
Concen: 24.598 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 43 Resp: 36440

Ion	Ratio	Lower	Upper
43	100		
58	34.2	24.8	37.2





#17
Carbon Disulfide
Concen: 4.598 ug/l
RT: 2.532 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 76 Resp: 4919

Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.2	10.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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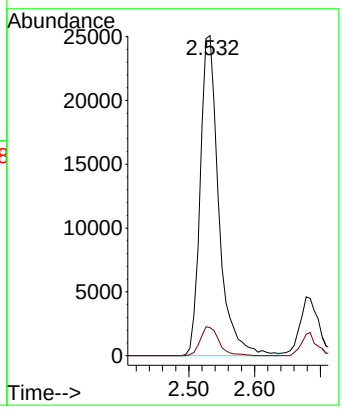
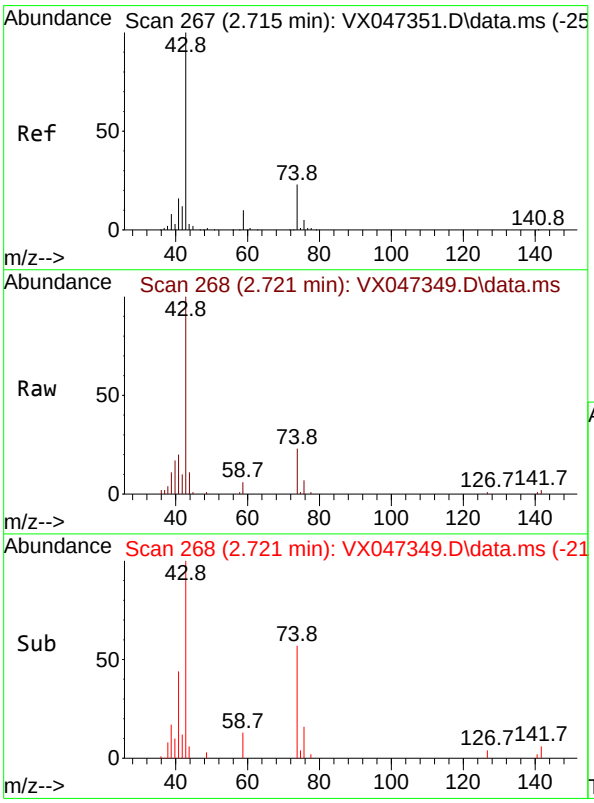
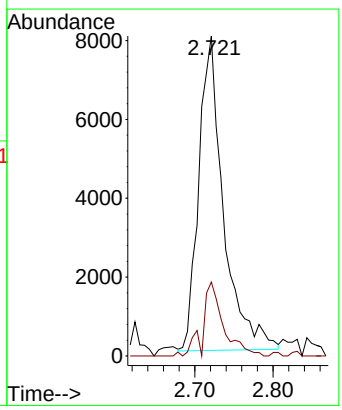


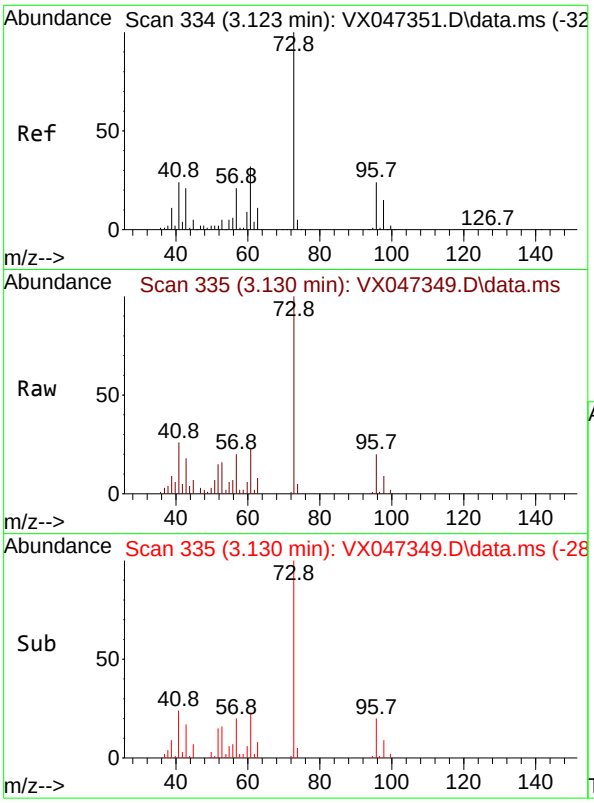


#18
Methyl Acetate
Concen: 4.547 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 43 Resp: 17456

Ion	Ratio	Lower	Upper
43	100		
74	19.6	18.4	27.6





#19
Methyl tert-butyl Ether
Concen: 4.617 ug/l
RT: 3.130 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 73 Resp: 4979

Ion	Ratio	Lower	Upper
73	100		
57	21.5	17.0	25.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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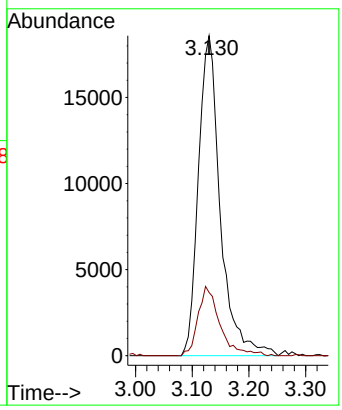
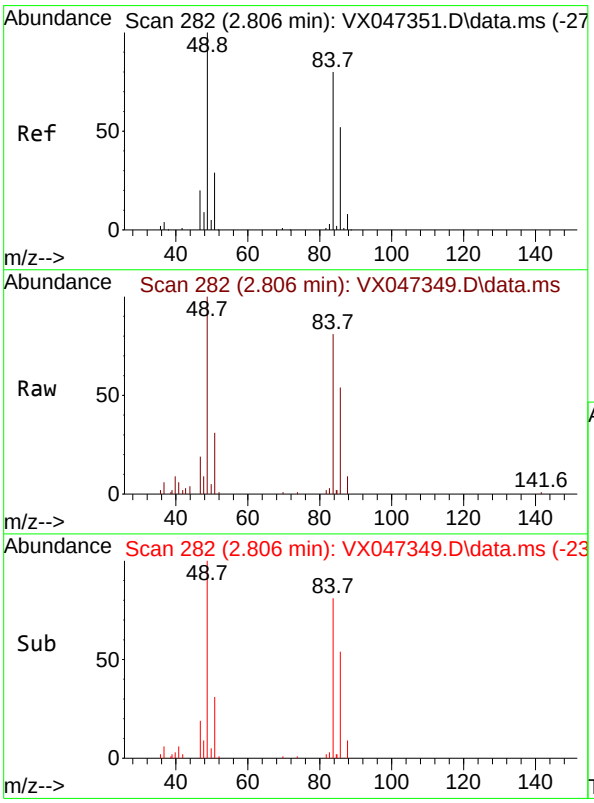
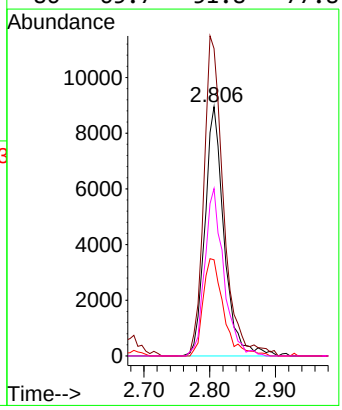


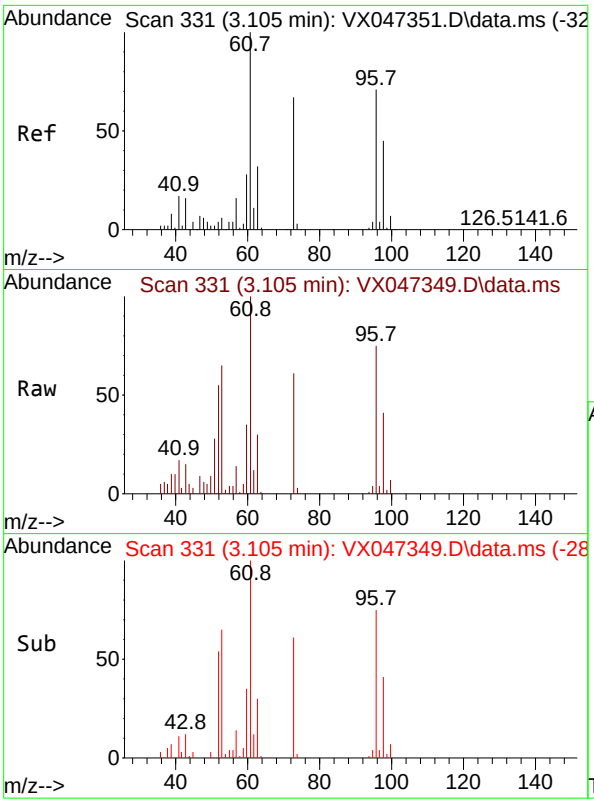


#20
Methylene Chloride
Concen: 4.633 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 84 Resp: 18175

Ion	Ratio	Lower	Upper
84	100		
49	120.7	100.1	150.1
51	37.7	29.5	44.3
86	65.7	51.8	77.8

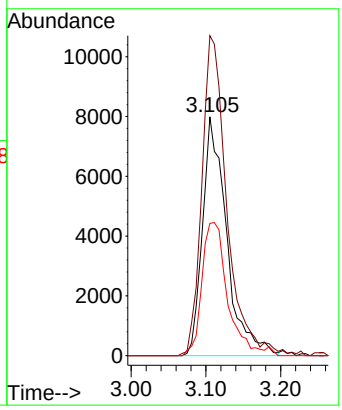




#21
trans-1,2-Dichloroethene
Concen: 4.776 ug/l
RT: 3.105 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 96 Resp: 1797

Ion	Ratio	Lower	Upper
96	100		
61	127.0	112.6	169.0
98	52.5	50.9	76.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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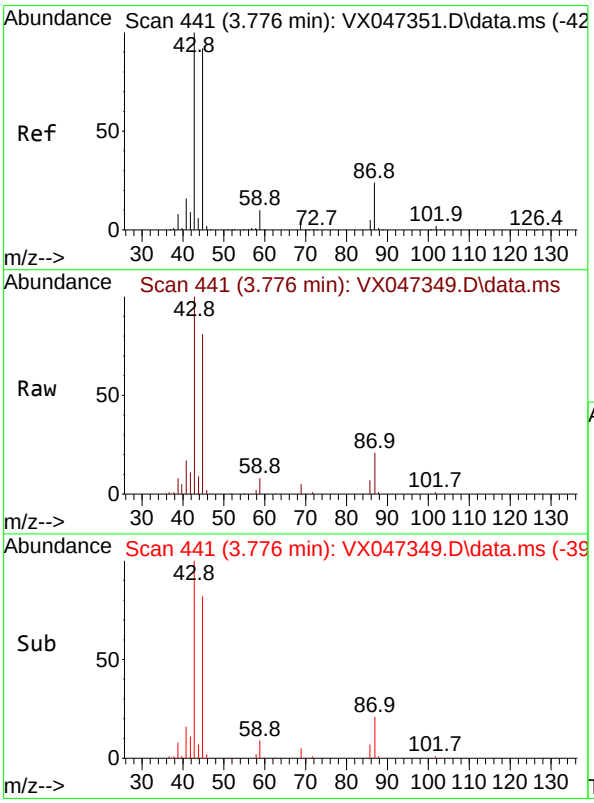
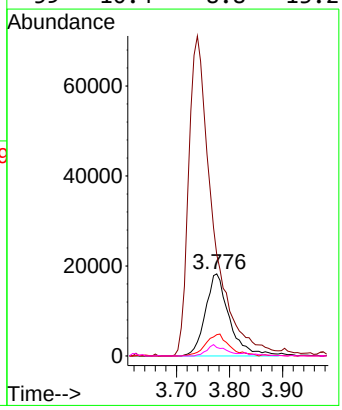
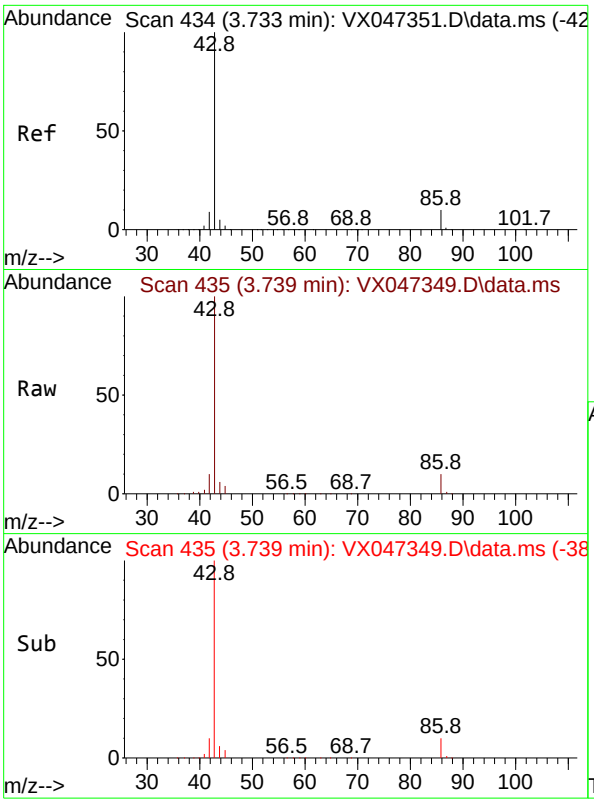


#22
Diisopropyl ether
Concen: 4.708 ug/l
RT: 3.776 min Scan# 441
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 45 Resp: 57311

Ion	Ratio	Lower	Upper
45	100		
43	113.8	86.8	130.2
87	25.9	20.4	30.6
59	10.4	8.8	13.2





#23
Vinyl Acetate
Concen: 22.525 ug/l
RT: 3.739 min Scan# 4
Delta R.T. 0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 43 Resp: 22474

Ion	Ratio	Lower	Upper
43	100		
86	9.9	7.9	11.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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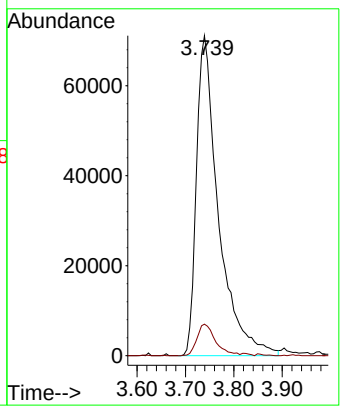
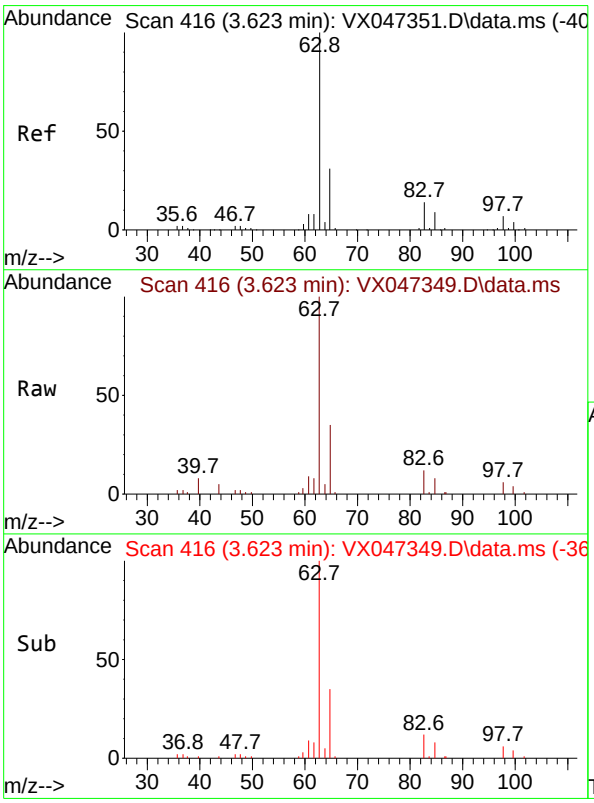
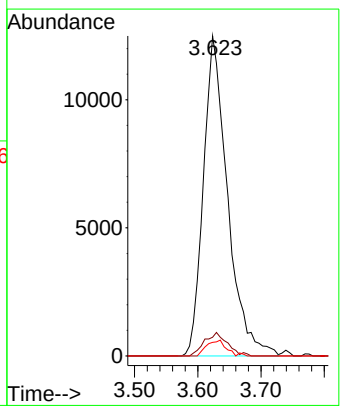


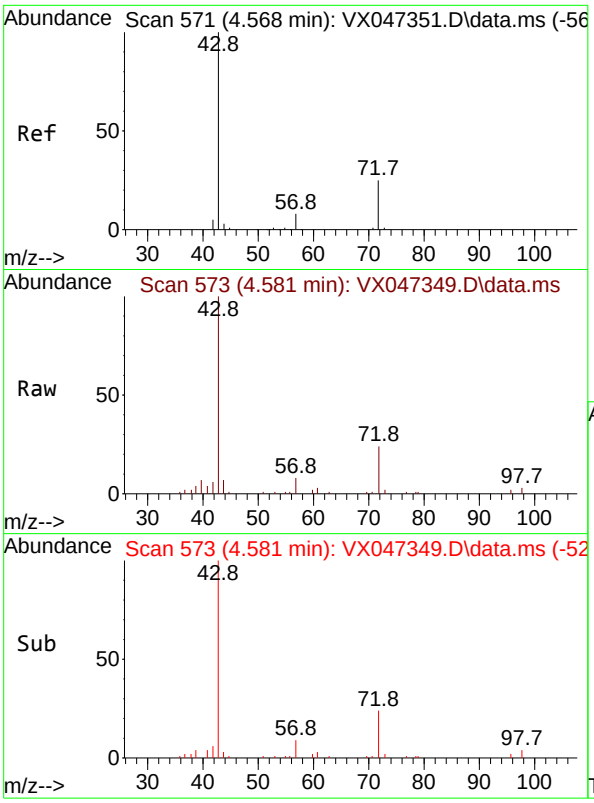


#24
1,1-Dichloroethane
Concen: 4.831 ug/l
RT: 3.623 min Scan# 416
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 63 Resp: 33241

Ion	Ratio	Lower	Upper
63	100		
98	5.8	3.3	9.9
100	4.3	2.1	6.3

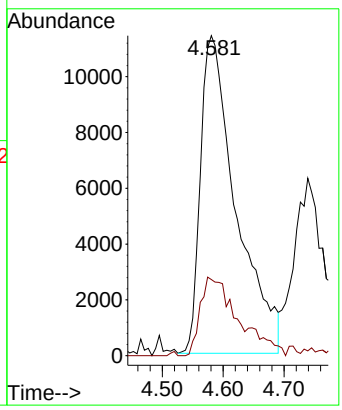




#25
2-Butanone
Concen: 23.830 ug/l
RT: 4.581 min Scan# 5
Delta R.T. 0.012 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 43 Resp: 4623

Ion	Ratio	Lower	Upper
43	100		
72	23.1	19.8	29.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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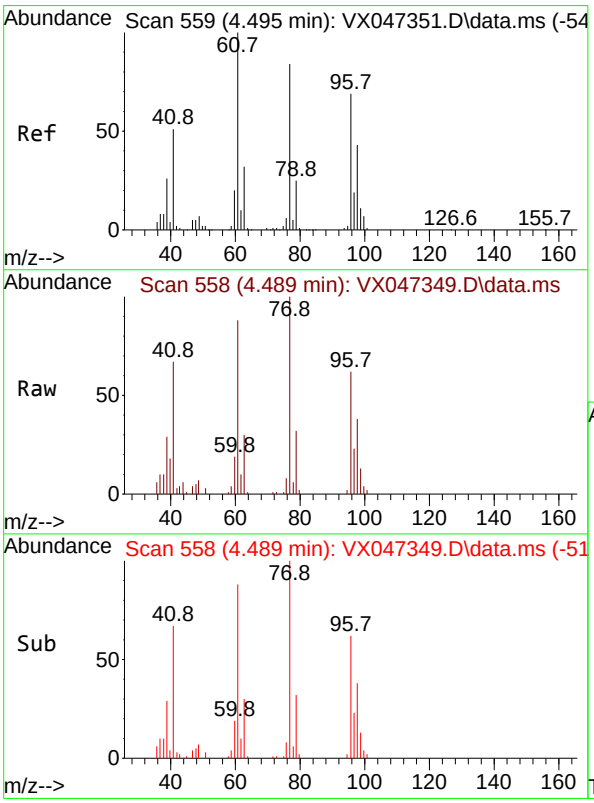
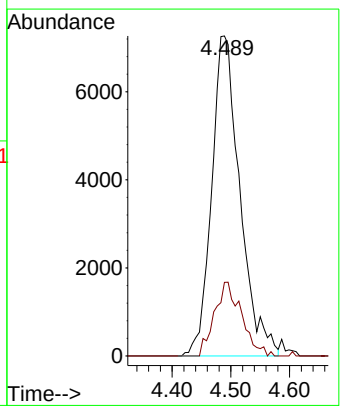
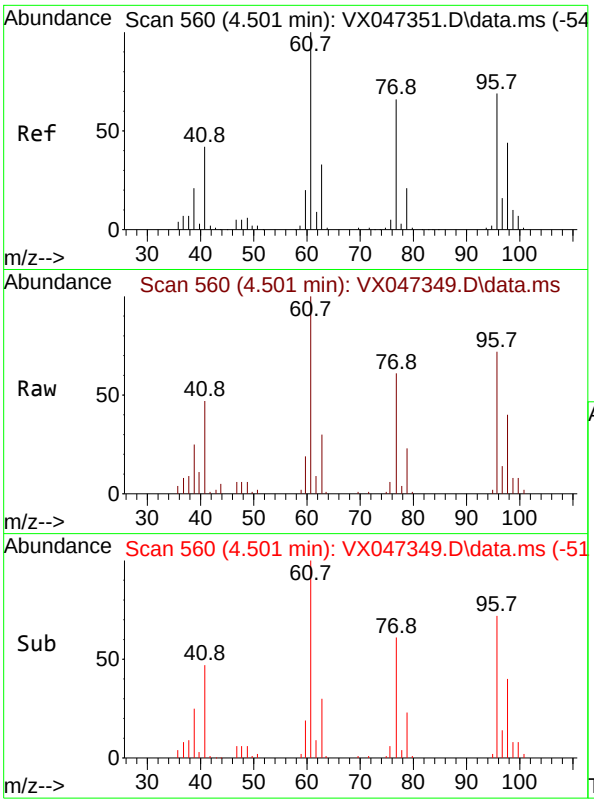


#26
2,2-Dichloropropane
Concen: 4.684 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 77 Resp: 24325

Ion	Ratio	Lower	Upper
77	100		
97	22.0	11.4	34.1

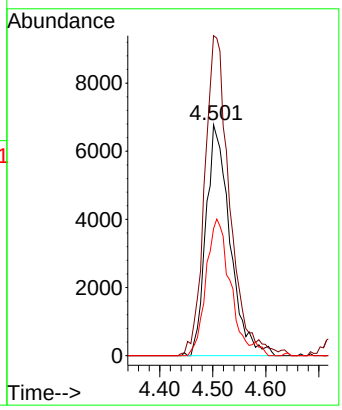




#27
cis-1,2-Dichloroethene
Concen: 4.868 ug/l
RT: 4.501 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 96 Resp: 2133

Ion	Ratio	Lower	Upper
96	100		
61	143.6	0.0	296.6
98	60.7	0.0	130.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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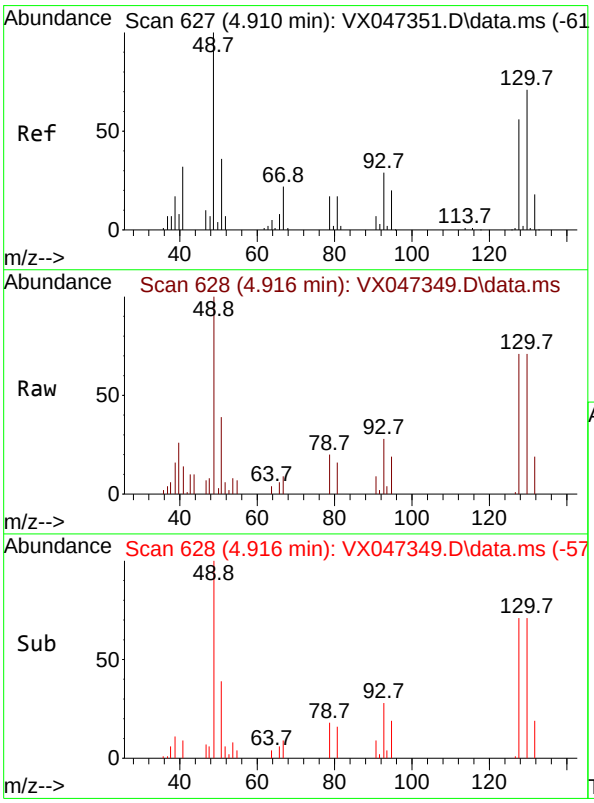
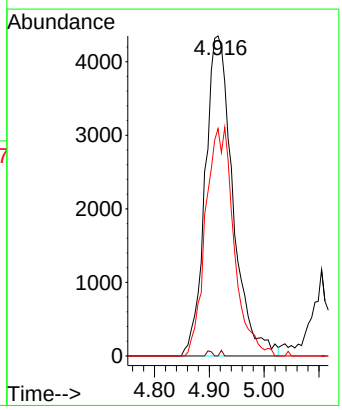
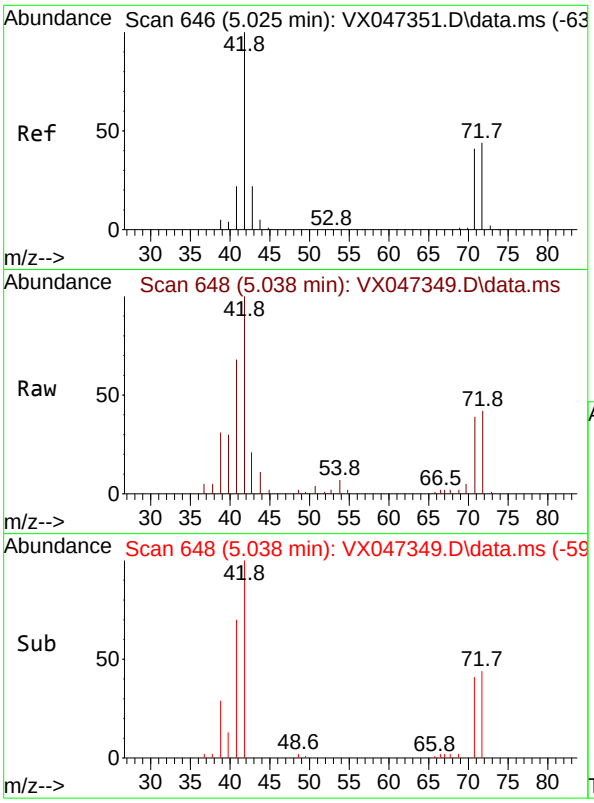


#28
Bromochloromethane
Concen: 5.338 ug/l
RT: 4.916 min Scan# 628
Delta R.T. 0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 49 Resp: 15283

Ion	Ratio	Lower	Upper
49	100		
129	0.2	0.0	4.0
130	72.9	59.8	89.6





#29
Tetrahydrofuran
Concen: 23.076 ug/l m
RT: 5.038 min Scan# 64
Delta R.T. 0.012 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 42 Resp: 2893

Ion	Ratio	Lower	Upper
42	100		
72	41.4	34.6	51.8
71	38.1	32.6	49.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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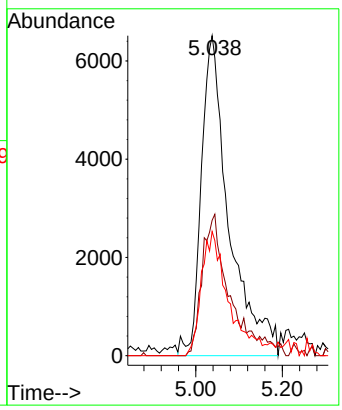
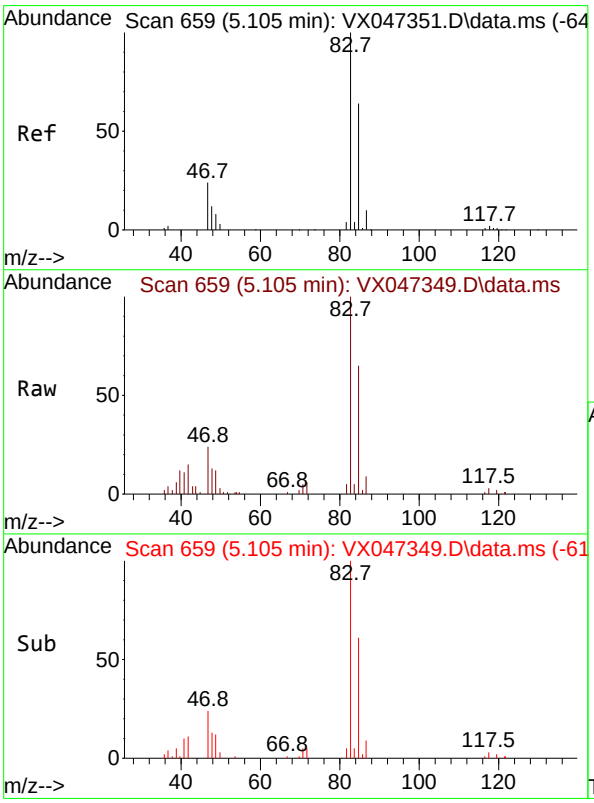
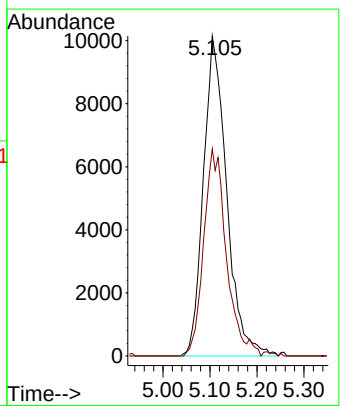


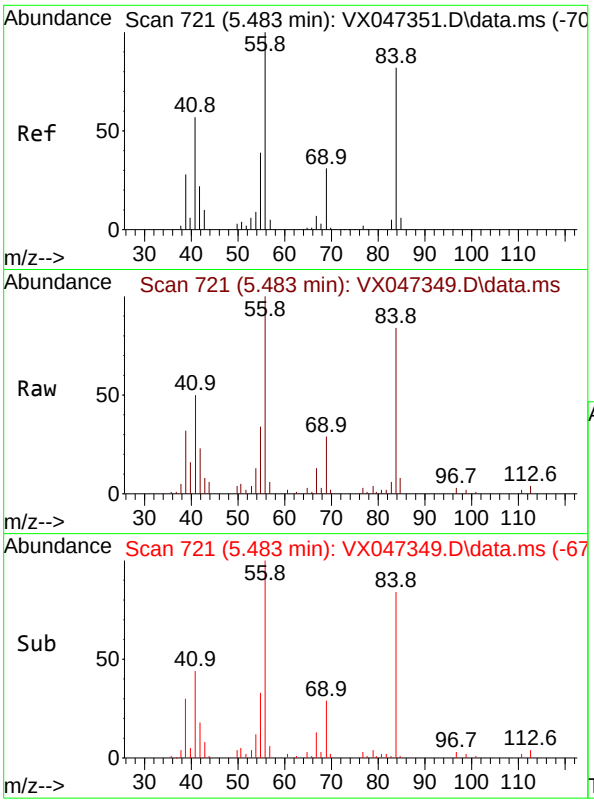


#30
Chloroform
Concen: 4.955 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 83 Resp: 34798

Ion	Ratio	Lower	Upper
83	100		
85	61.9	51.2	76.8

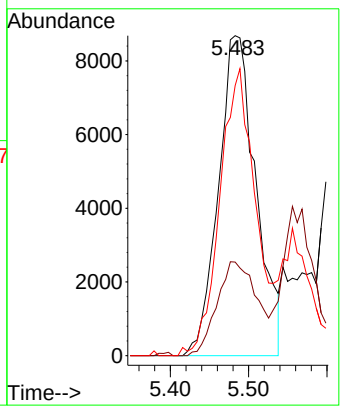




#31
Cyclohexane
Concen: 4.548 ug/l
RT: 5.483 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 56 Resp: 2884

Ion	Ratio	Lower	Upper
56	100		
69	29.2	24.3	36.5
84	92.0	65.3	97.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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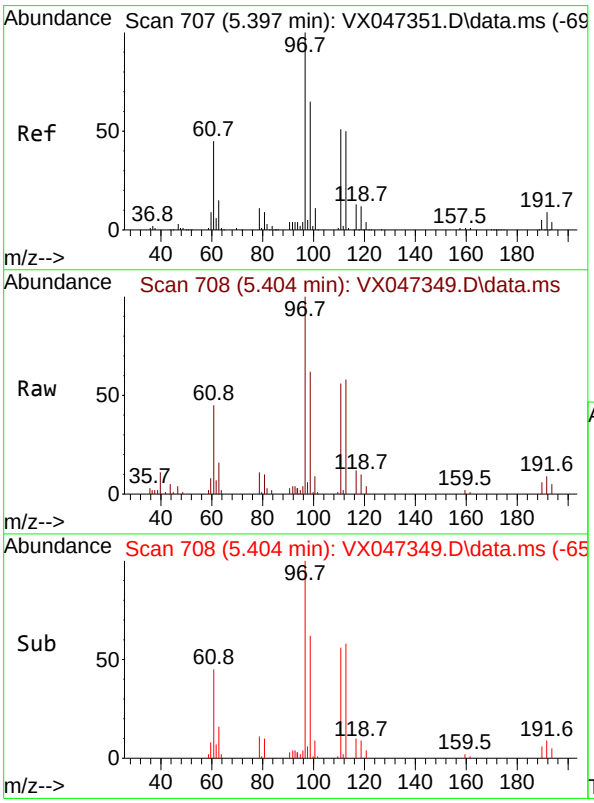
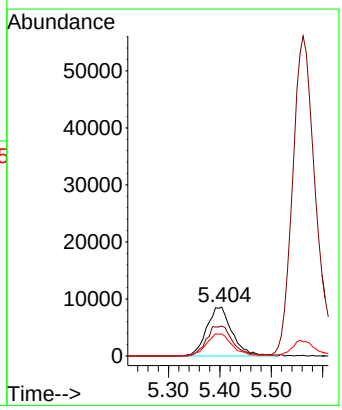
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

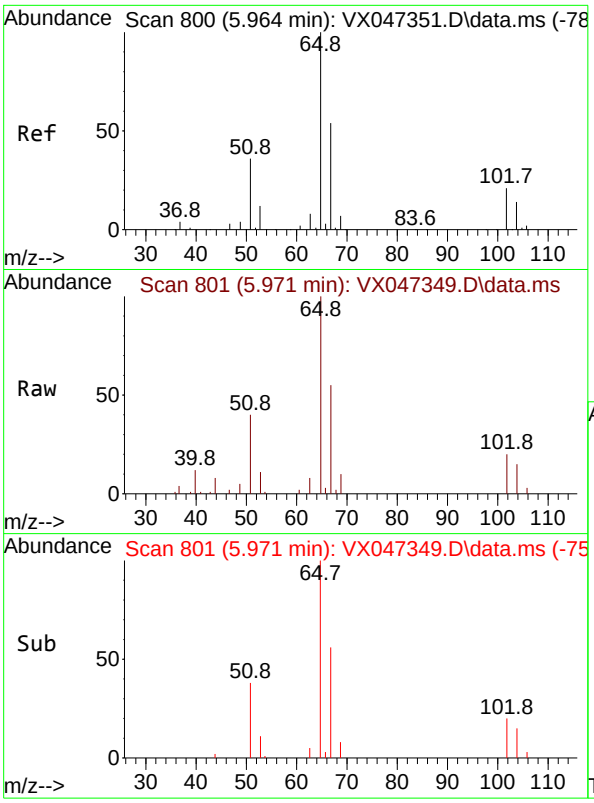


#32
1,1,1-Trichloroethane
Concen: 4.859 ug/l
RT: 5.404 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 97 Resp: 29367

Ion	Ratio	Lower	Upper
97	100		
99	63.0	51.4	77.0
61	45.2	35.7	53.5

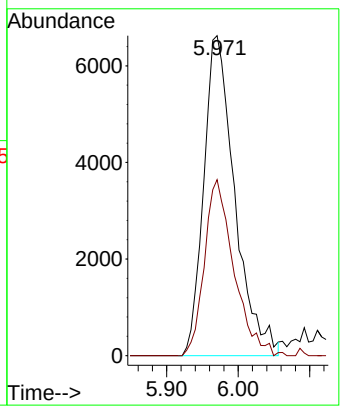




#33
1,2-Dichloroethane-d4
Concen: 5.065 ug/l
RT: 5.971 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 65 Resp: 1996

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	106.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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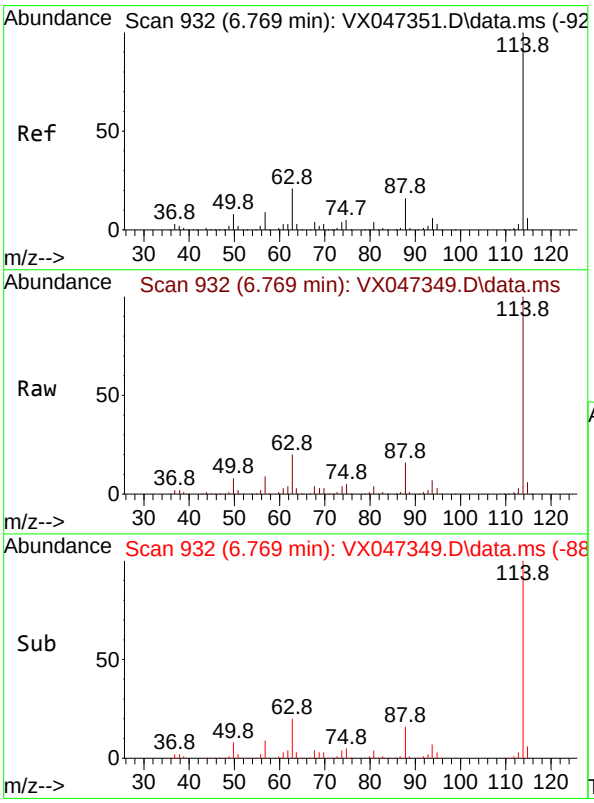
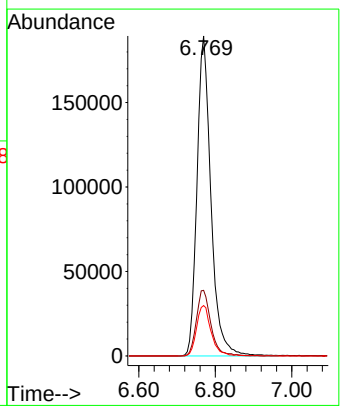
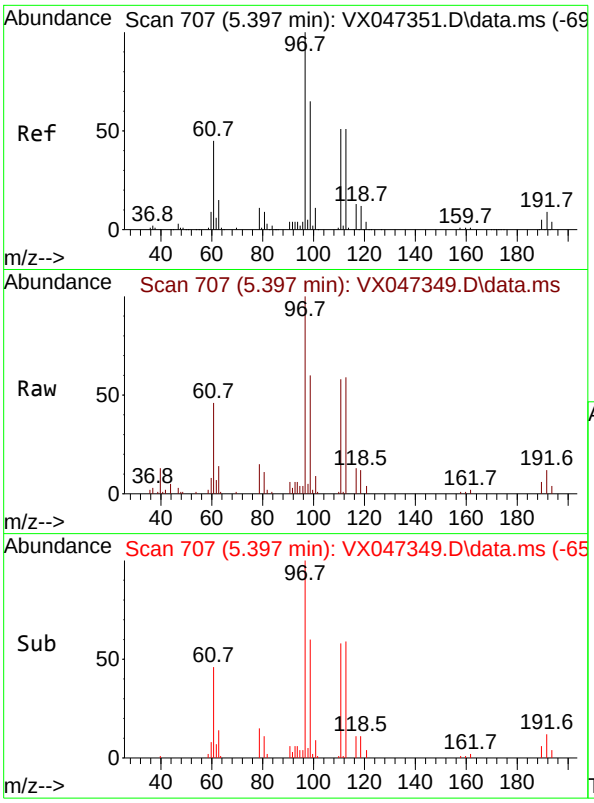


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion:114 Resp: 479446

Ion	Ratio	Lower	Upper
114	100		
63	23.9	0.0	42.4
88	15.7	0.0	33.0

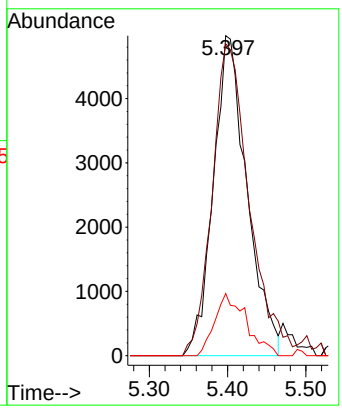




#35
Dibromofluoromethane
Concen: 4.776 ug/l
RT: 5.397 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion:113 Resp: 1486

Ion	Ratio	Lower	Upper
113	100		
111	106.7	81.4	122.2
192	18.2	14.1	21.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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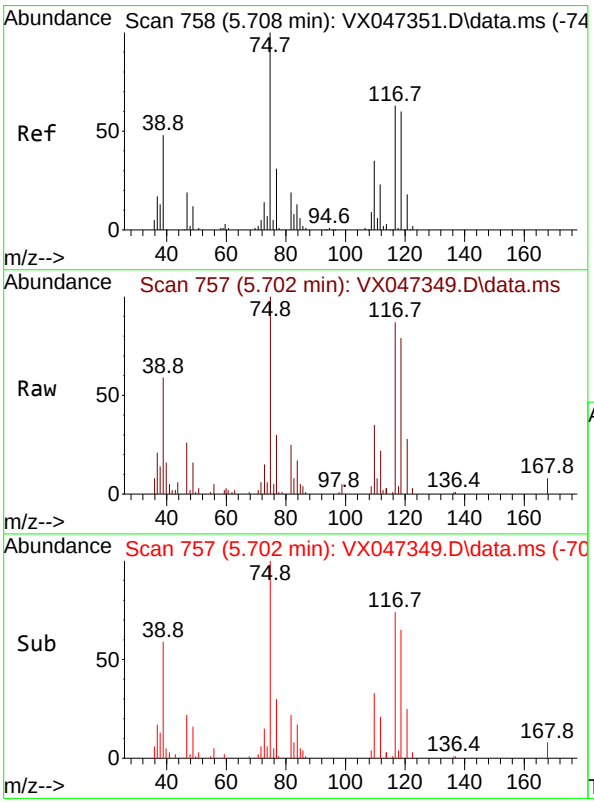
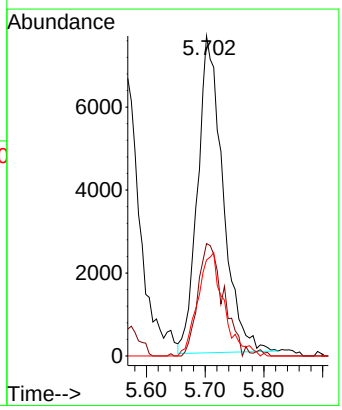
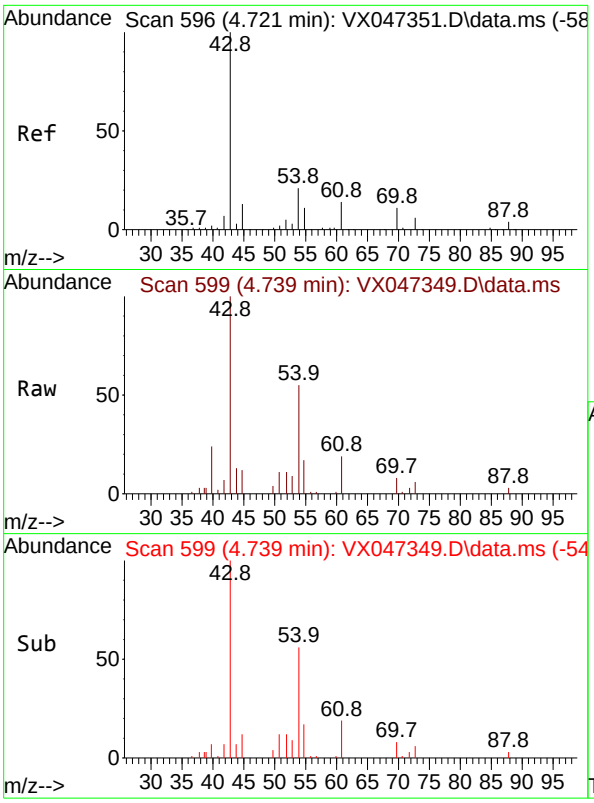


#36
1,1-Dichloropropene
Concen: 4.641 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 75 Resp: 22796

Ion	Ratio	Lower	Upper
75	100		
110	36.1	17.4	52.2
77	33.8	24.4	36.6





#37
Ethyl Acetate
Concen: 4.613 ug/l
RT: 4.739 min Scan# 5
Delta R.T. 0.019 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 43 Resp: 2352

Ion	Ratio	Lower	Upper
43	100		
61	12.2	9.4	14.2
70	8.9	7.0	10.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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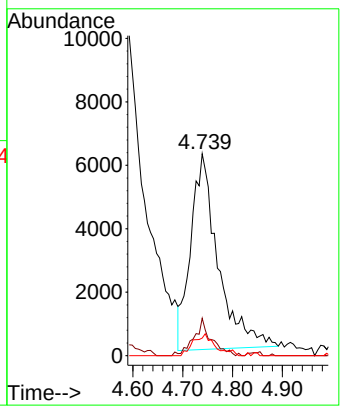
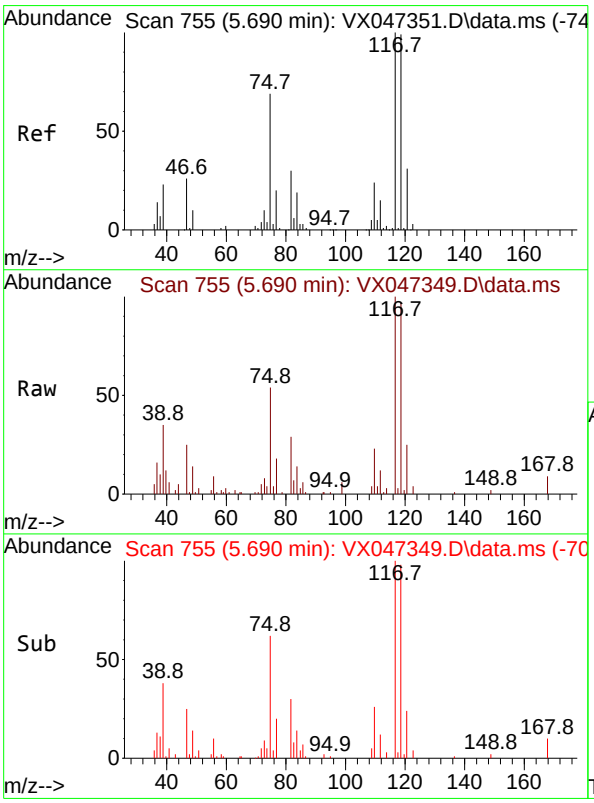
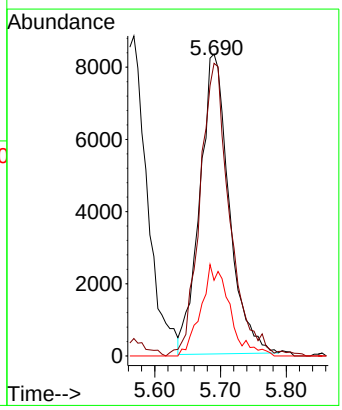


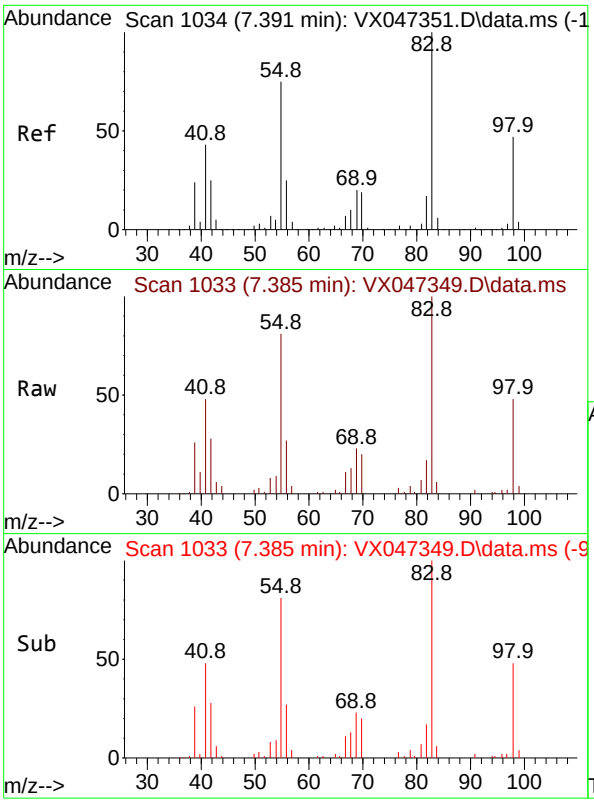


#38
Carbon Tetrachloride
Concen: 4.791 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion:117 Resp: 25718

Ion	Ratio	Lower	Upper
117	100		
119	96.4	78.5	117.7
121	25.3	24.7	37.1

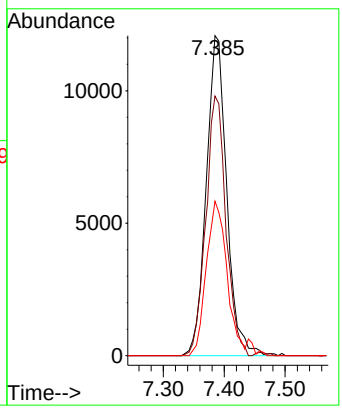




#39
Methylcyclohexane
Concen: 4.609 ug/l
RT: 7.385 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 83 Resp: 2824

Ion	Ratio	Lower	Upper
83	100		
55	76.5	60.0	90.0
98	45.5	37.2	55.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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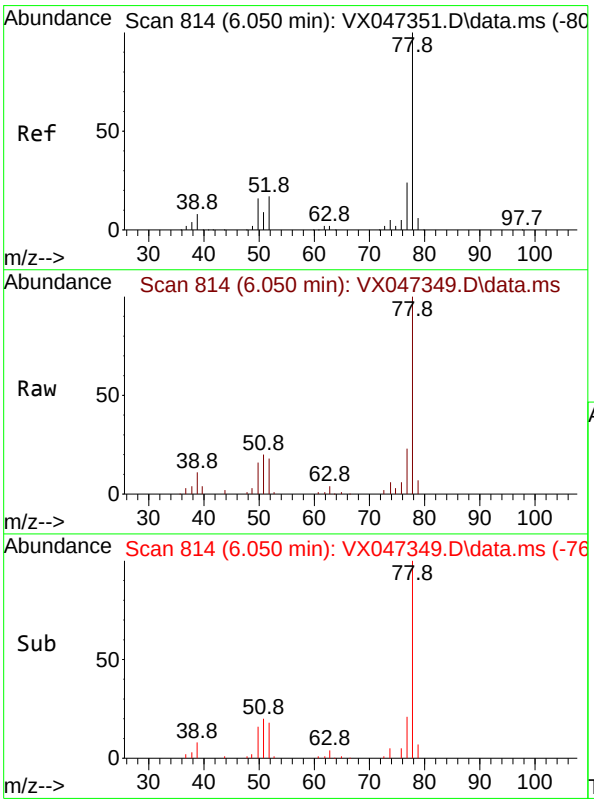
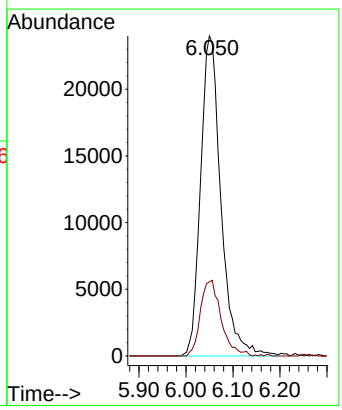
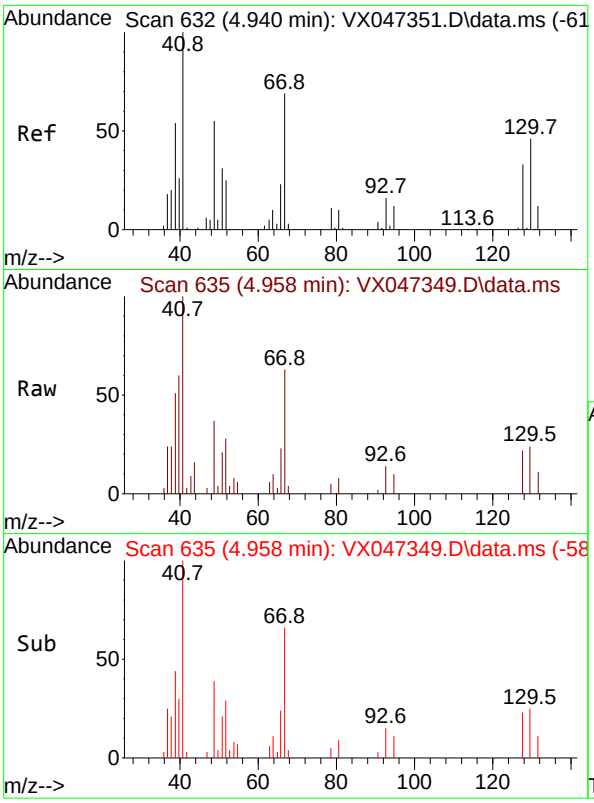


#40
Benzene
Concen: 4.899 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 78 Resp: 72021

Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.0	28.4

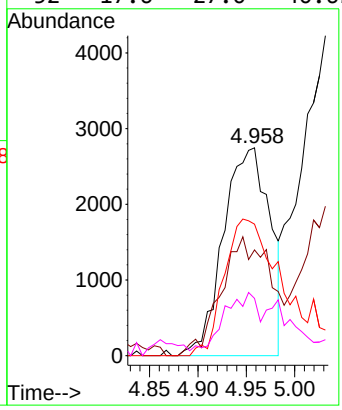




#41
Methacrylonitrile
Concen: 4.271 ug/l
RT: 4.958 min Scan# 6
Delta R.T. 0.018 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 41 Resp: 918

Ion	Ratio	Lower	Upper
41	100		
39	61.5	45.4	68.2
67	77.7	64.0	96.0
52	17.6	27.0	40.6#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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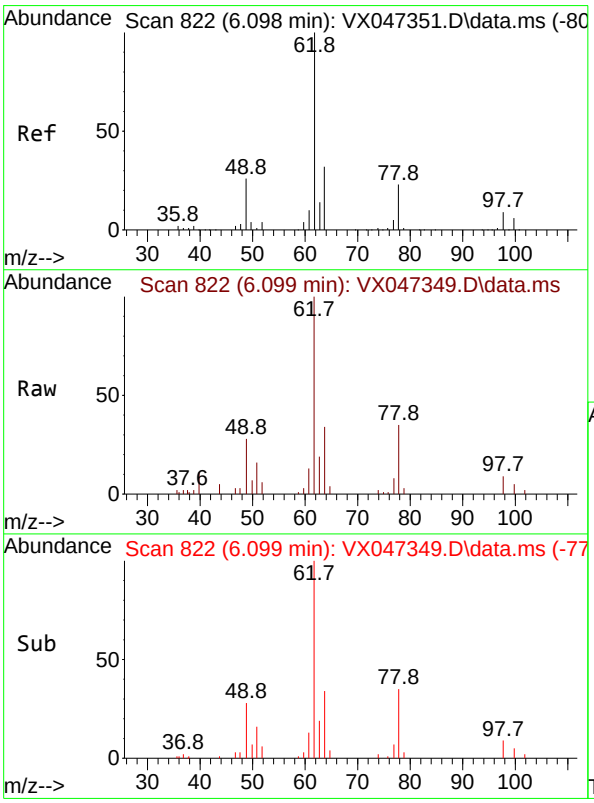
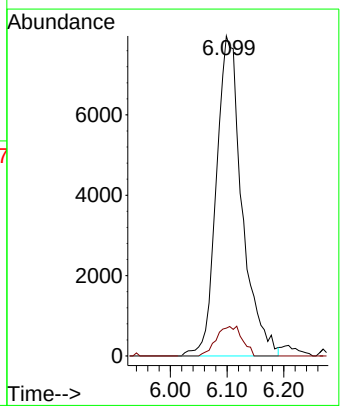
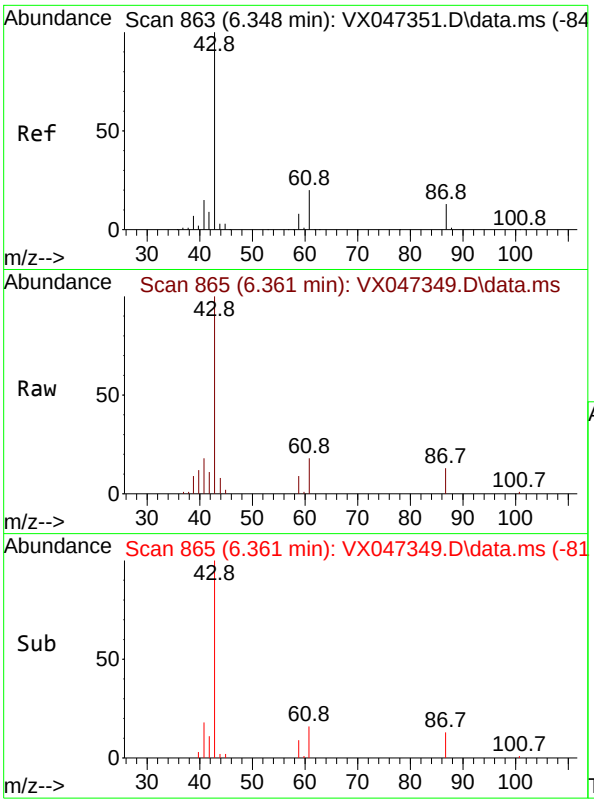


#42
1,2-Dichloroethane
Concen: 4.796 ug/l
RT: 6.099 min Scan# 822
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 62 Resp: 24979

Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.0

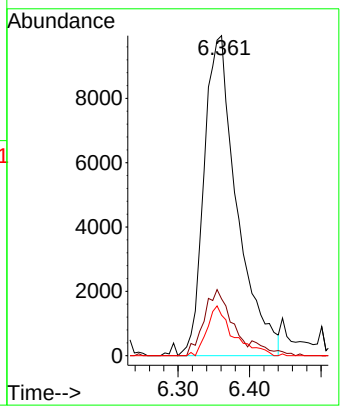




#43
Isopropyl Acetate
Concen: 4.316 ug/l
RT: 6.361 min Scan# 8
Delta R.T. 0.012 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 43 Resp: 3162

Ion	Ratio	Lower	Upper
43	100		
61	17.1	15.4	23.0
87	12.4	10.2	15.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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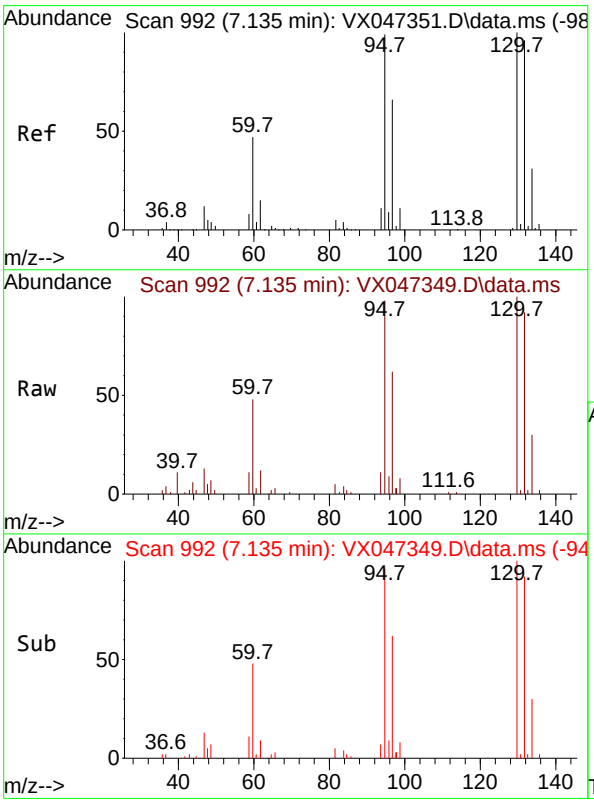
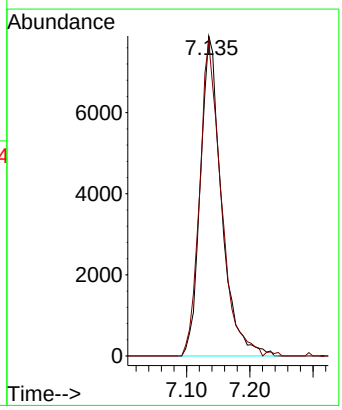
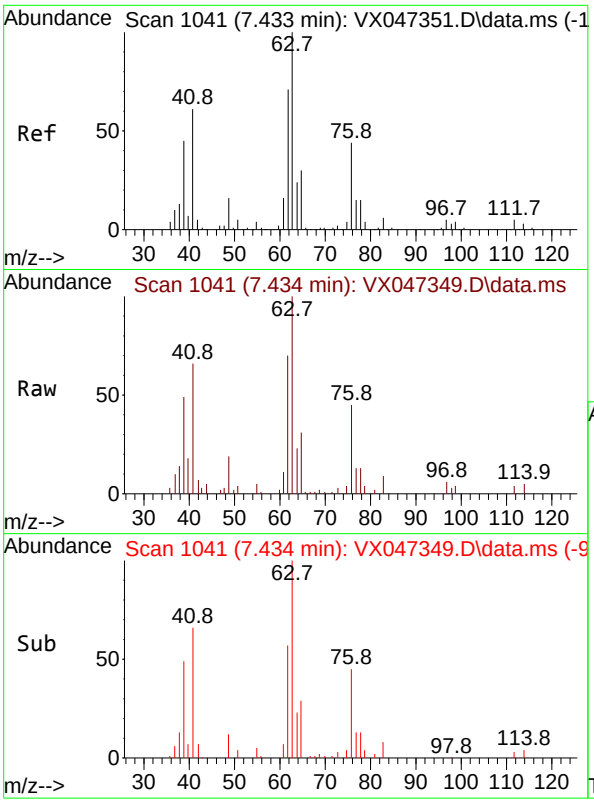


#44
Trichloroethene
Concen: 4.884 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion:130 Resp: 18386

Ion	Ratio	Lower	Upper
130	100		
95	98.2	0.0	198.6





#45
1,2-Dichloropropane
Concen: 4.542 ug/l
RT: 7.434 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 63 Resp: 1672

Ion	Ratio	Lower	Upper
63	100		
65	32.3	23.8	35.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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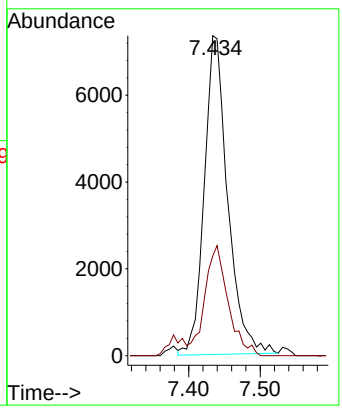
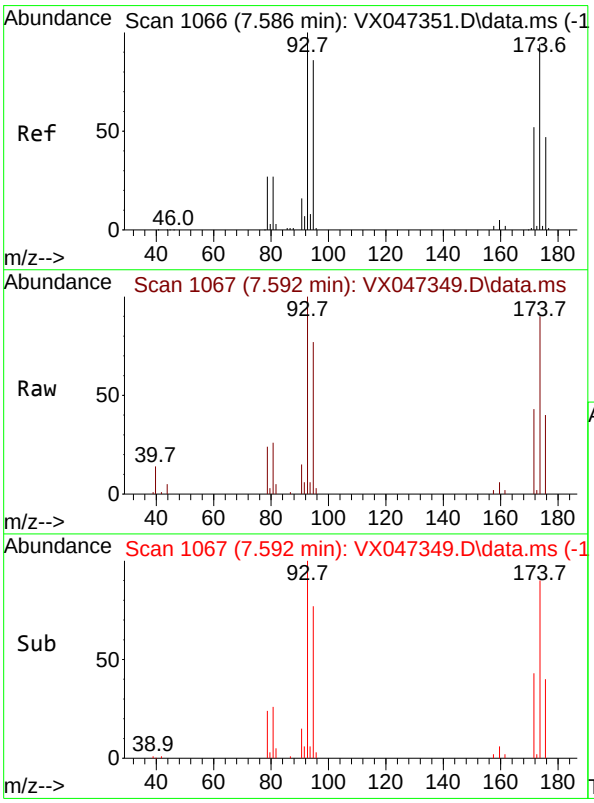
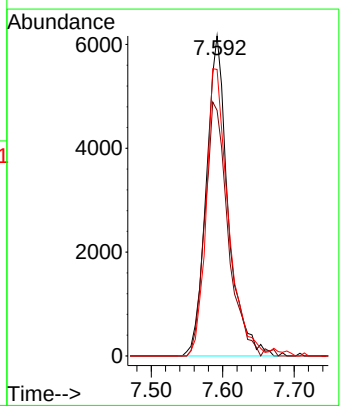


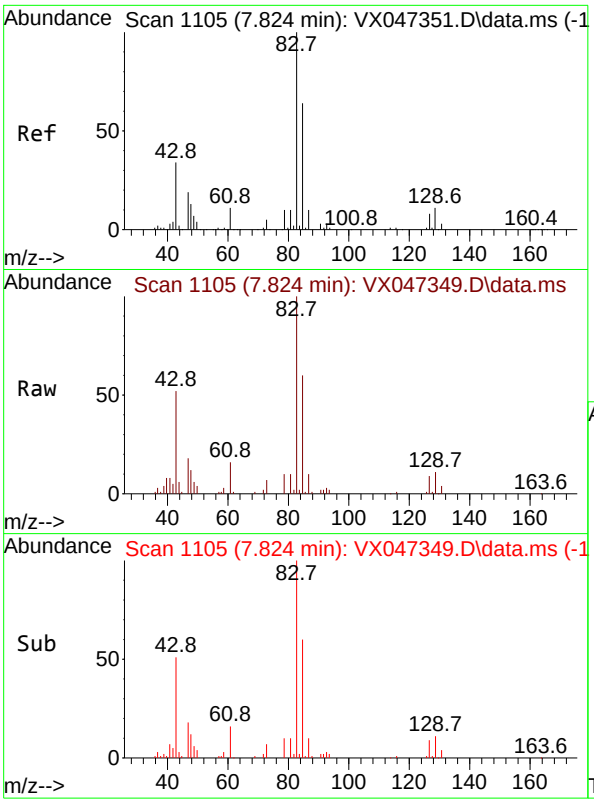


#46
Dibromomethane
Concen: 4.885 ug/l
RT: 7.592 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 93 Resp: 13062

Ion	Ratio	Lower	Upper
93	100		
95	83.7	68.0	102.0
174	91.2	75.8	113.6

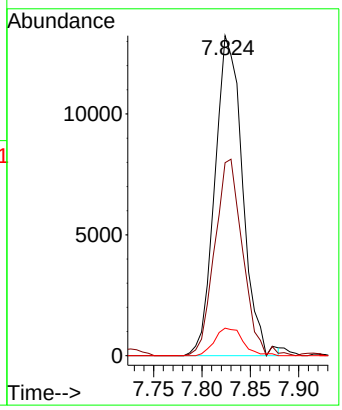




#47
Bromodichloromethane
Concen: 4.741 ug/l
RT: 7.824 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 83 Resp: 2628

Ion	Ratio	Lower	Upper
83	100		
85	59.8	51.0	76.6
127	8.4	7.0	10.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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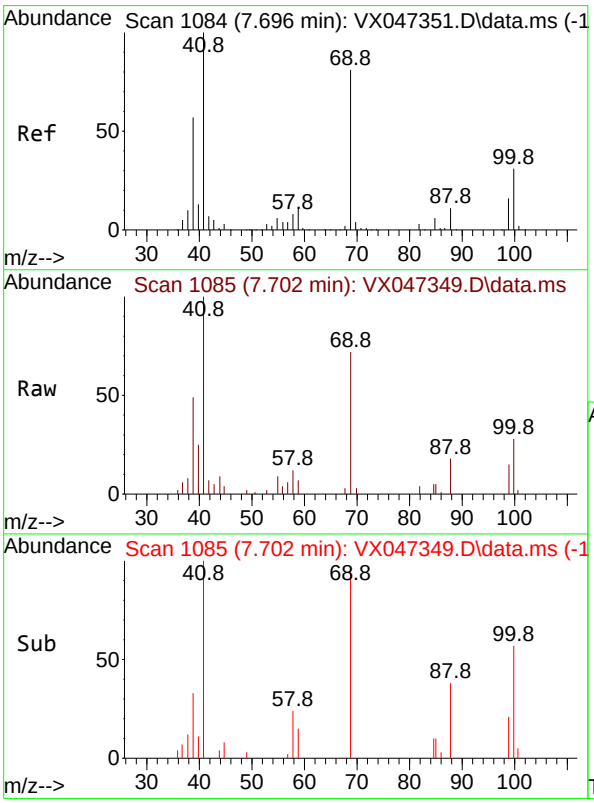
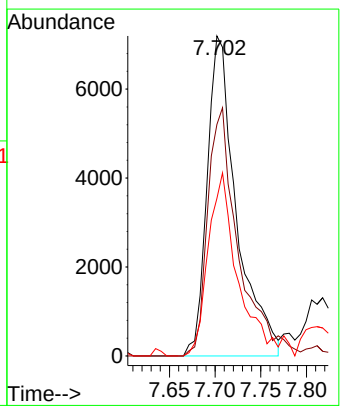
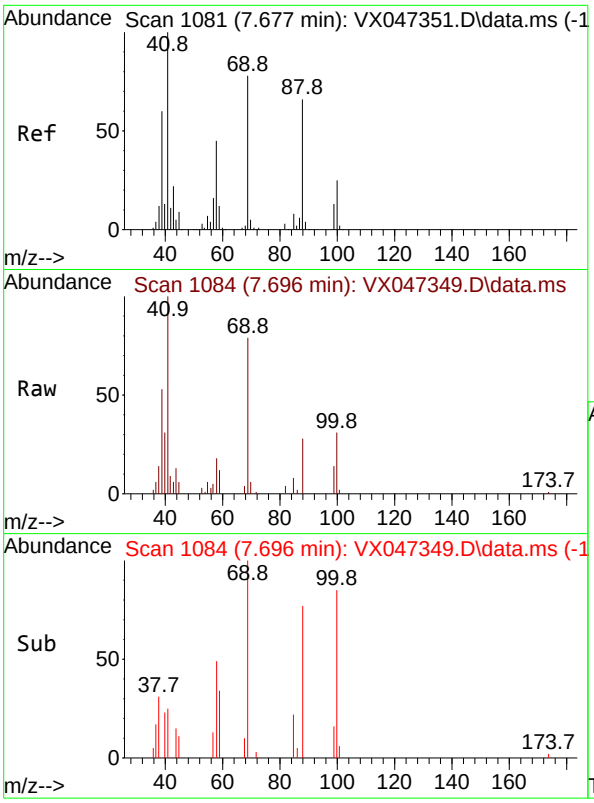


#48
Methyl methacrylate
Concen: 4.222 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 41 Resp: 16053

Ion	Ratio	Lower	Upper
41	100		
69	81.0	65.0	97.4
39	58.8	45.7	68.5





#49
1,4-Dioxane
Concen: 109.635 ug/l m
RT: 7.696 min Scan# 1
Delta R.T. 0.018 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 88 Resp: 395

Ion	Ratio	Lower	Upper
88	100		
43	36.5	32.4	48.6
58	52.5	56.9	85.3#

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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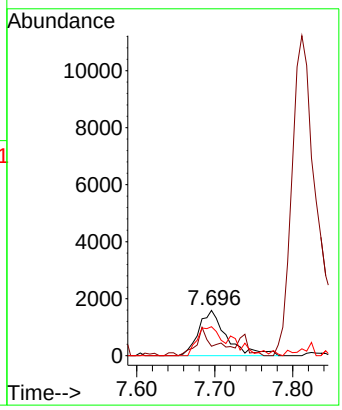
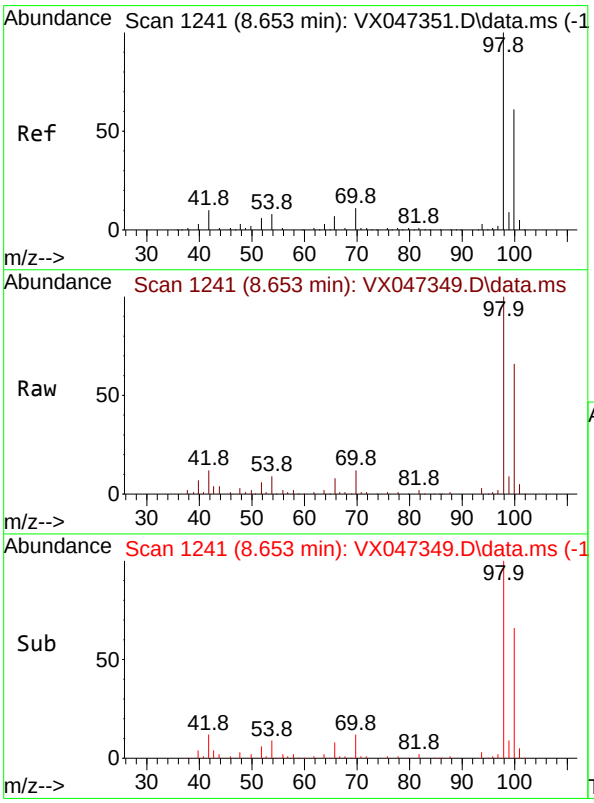
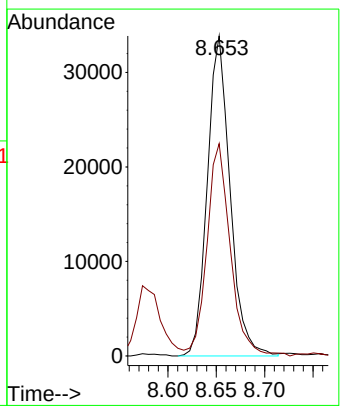


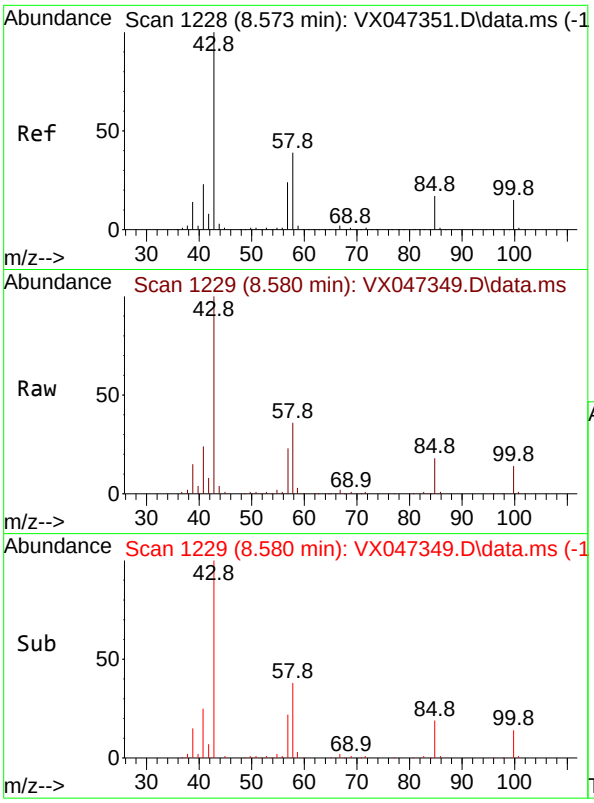


#50
Toluene-d8
Concen: 4.987 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 98 Resp: 55469

Ion	Ratio	Lower	Upper
98	100		
100	68.1	53.9	80.9





#51
4-Methyl-2-Pentanone
Concen: 23.221 ug/l
RT: 8.580 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 43 Resp: 9789

Ion	Ratio	Lower	Upper
43	100		
58	37.3	31.2	46.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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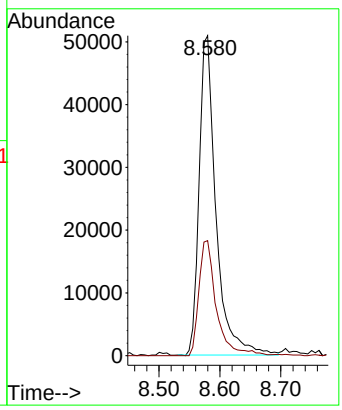
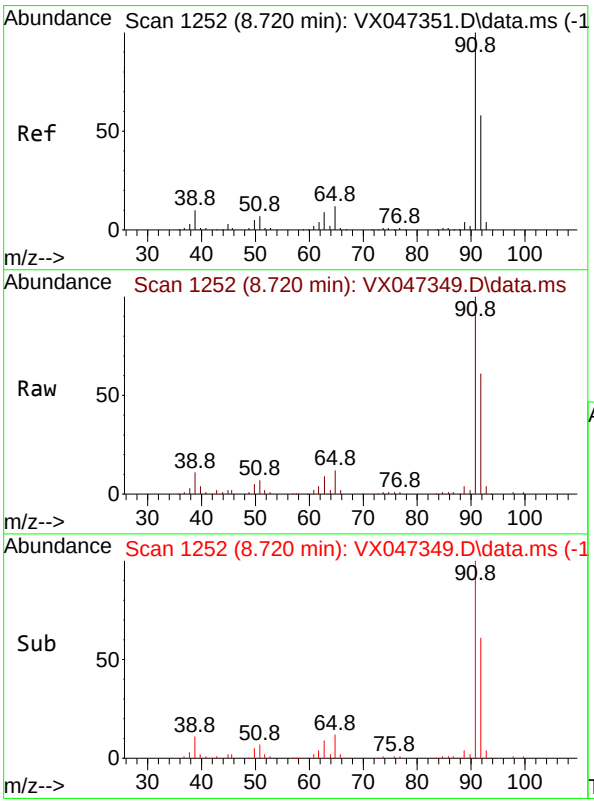
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

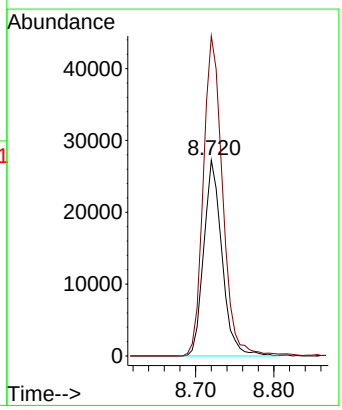


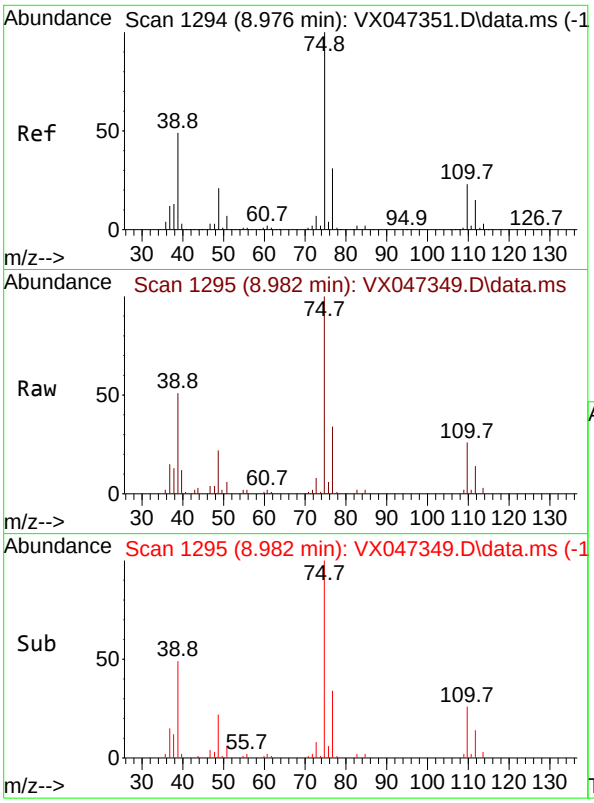


#52
Toluene
Concen: 4.854 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 92 Resp: 44099

Ion	Ratio	Lower	Upper
92	100		
91	173.0	136.3	204.5

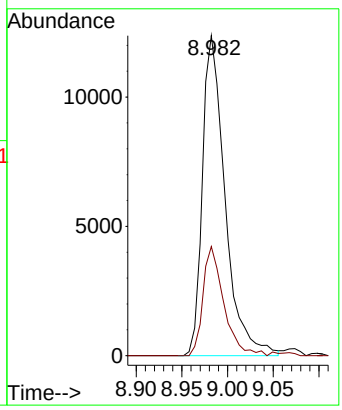




#53
t-1,3-Dichloropropene
Concen: 4.403 ug/l
RT: 8.982 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 75 Resp: 2130

Ion	Ratio	Lower	Upper
75	100		
77	34.1	24.7	37.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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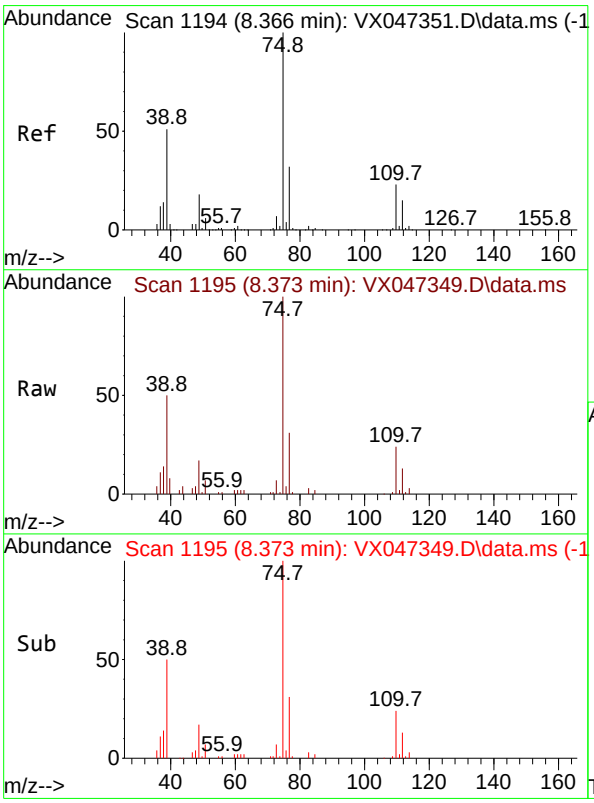
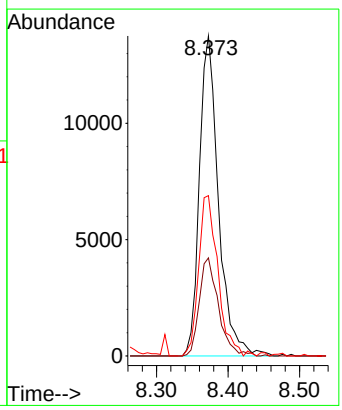
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

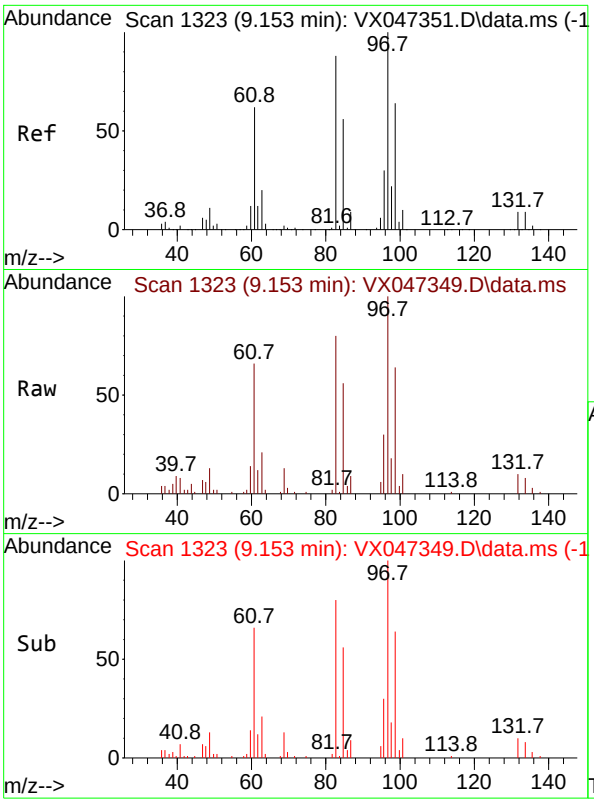


#54
cis-1,3-Dichloropropene
Concen: 4.652 ug/l
RT: 8.373 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 75 Resp: 25475

Ion	Ratio	Lower	Upper
75	100		
77	30.6	25.6	38.4
39	57.4	40.9	61.3

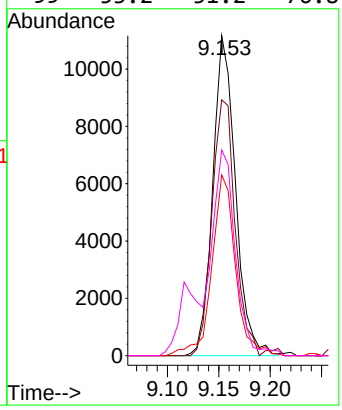




#55
1,1,2-Trichloroethane
Concen: 4.972 ug/l
RT: 9.153 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 97 Resp: 1715

Ion	Ratio	Lower	Upper
97	100		
83	67.7	70.6	106.0
85	47.4	44.7	67.1
99	53.2	51.2	76.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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Reviewed By :John Carlone 08/18/2025
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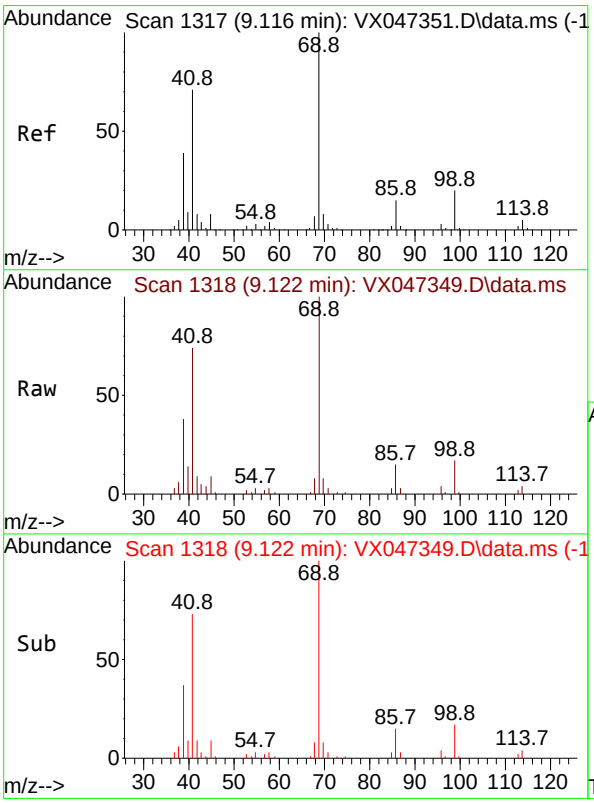
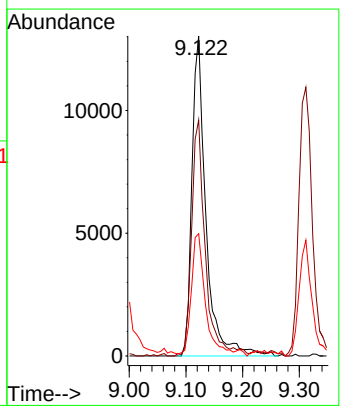
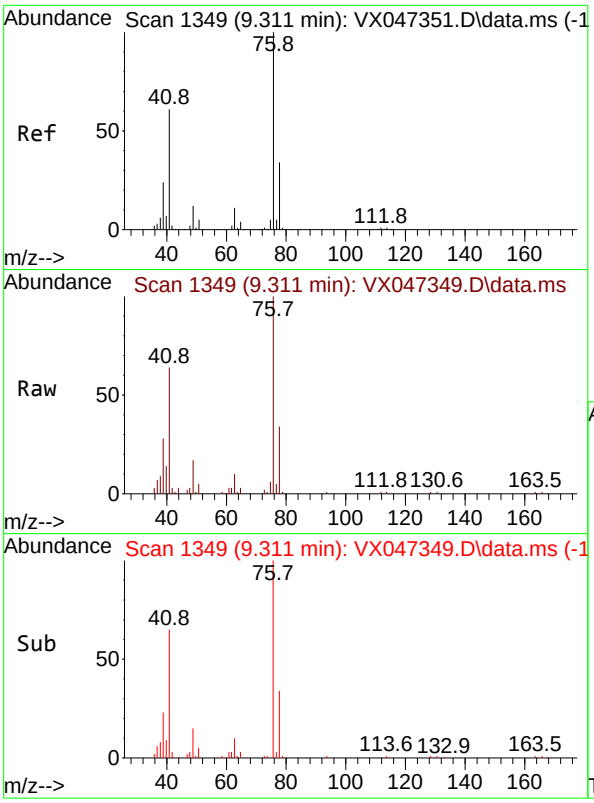


#56
Ethyl methacrylate
Concen: 4.397 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 69 Resp: 22362

Ion	Ratio	Lower	Upper
69	100		
41	72.2	55.3	82.9
39	36.4	30.2	45.2

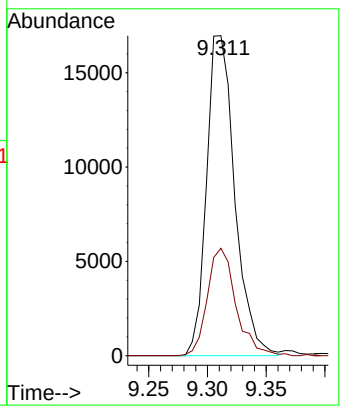




#57
1,3-Dichloropropane
Concen: 4.821 ug/l
RT: 9.311 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 76 Resp: 2833

Ion	Ratio	Lower	Upper
76	100		
78	34.0	26.2	39.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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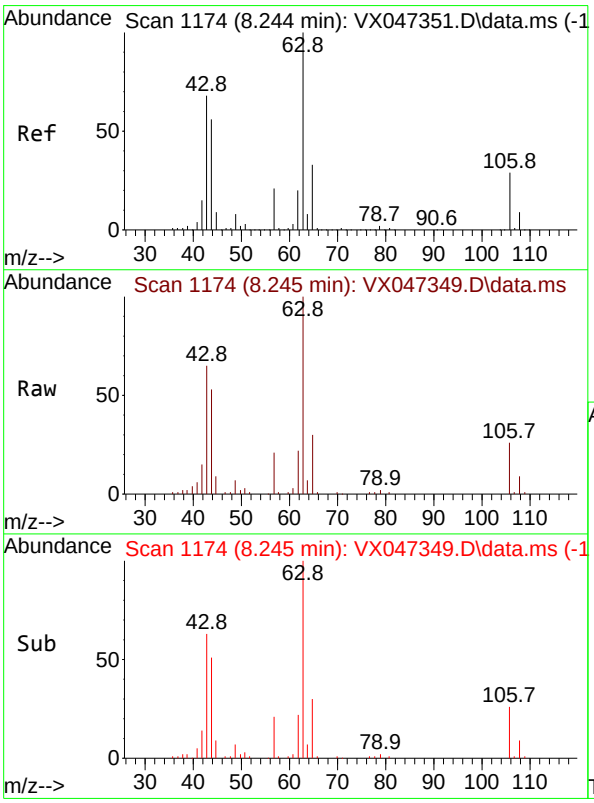
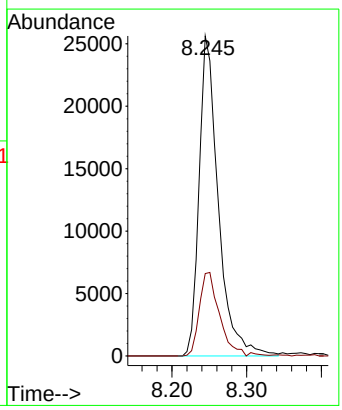
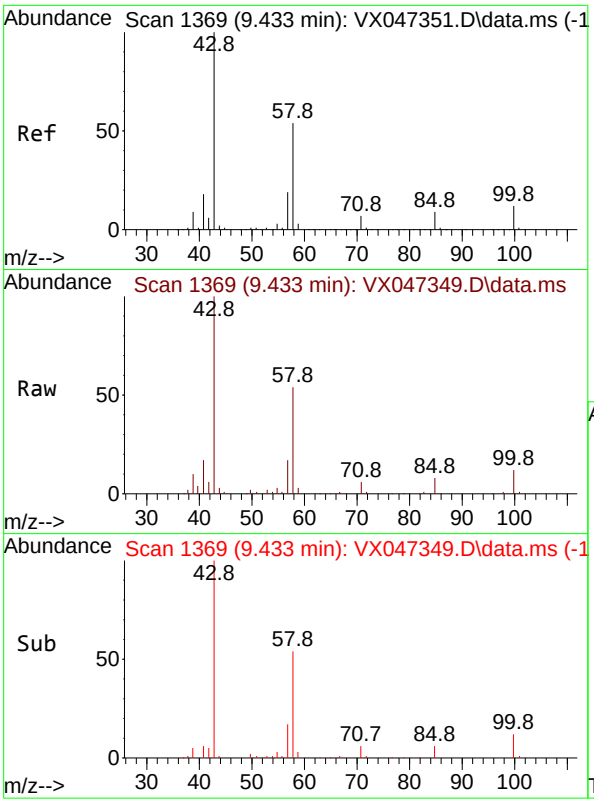


#58
2-Chloroethyl Vinyl ether
Concen: 26.559 ug/l
RT: 8.245 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 63 Resp: 45735

Ion	Ratio	Lower	Upper
63	100		
106	27.6	22.8	34.2





#59
2-Hexanone
Concen: 23.375 ug/l
RT: 9.433 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 43 Resp: 6816

Ion	Ratio	Lower	Upper
43	100		
58	50.9	26.9	80.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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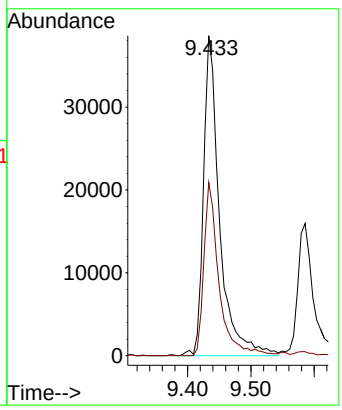
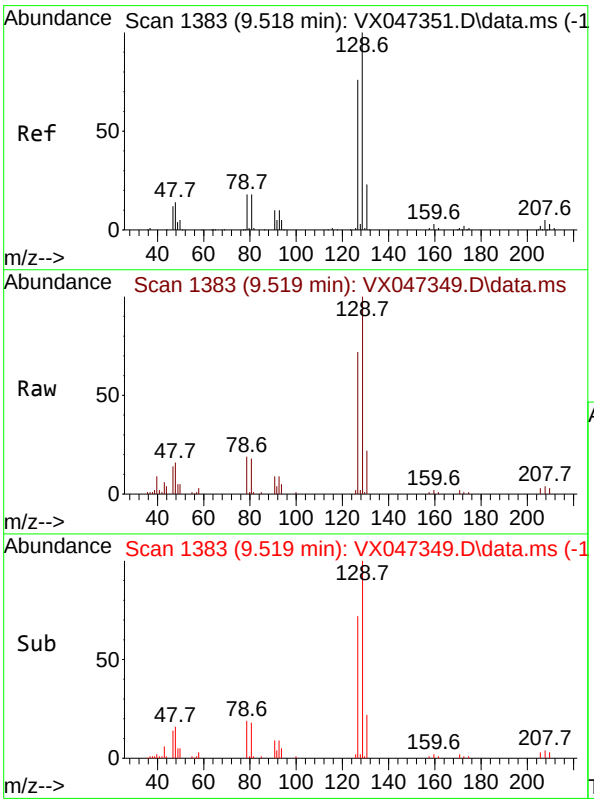
Supervised By :Mahesh Dadoda 08/19/2025

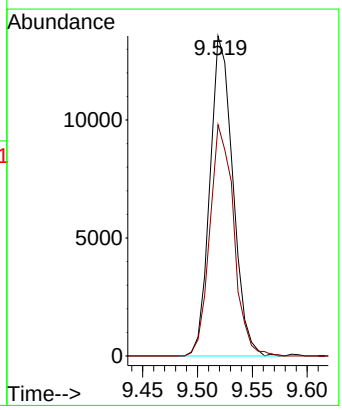


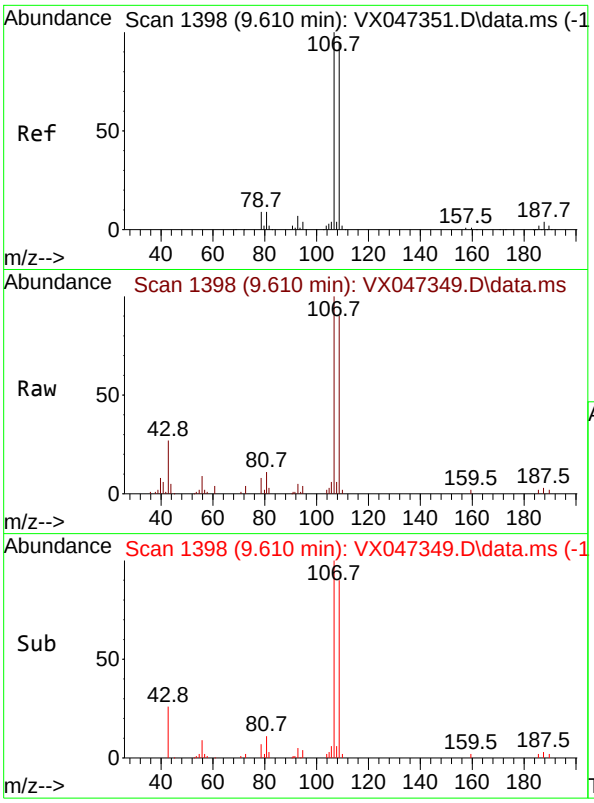


#60
Dibromochloromethane
Concen: 4.820 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion:129 Resp: 19760

Ion	Ratio	Lower	Upper
129	100		
127	75.1	38.9	116.6

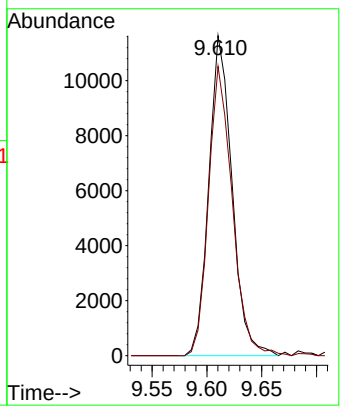




#61
1,2-Dibromoethane
Concen: 4.823 ug/l
RT: 9.610 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion:107 Resp: 1715

Ion	Ratio	Lower	Upper
107	100		
109	92.2	76.2	114.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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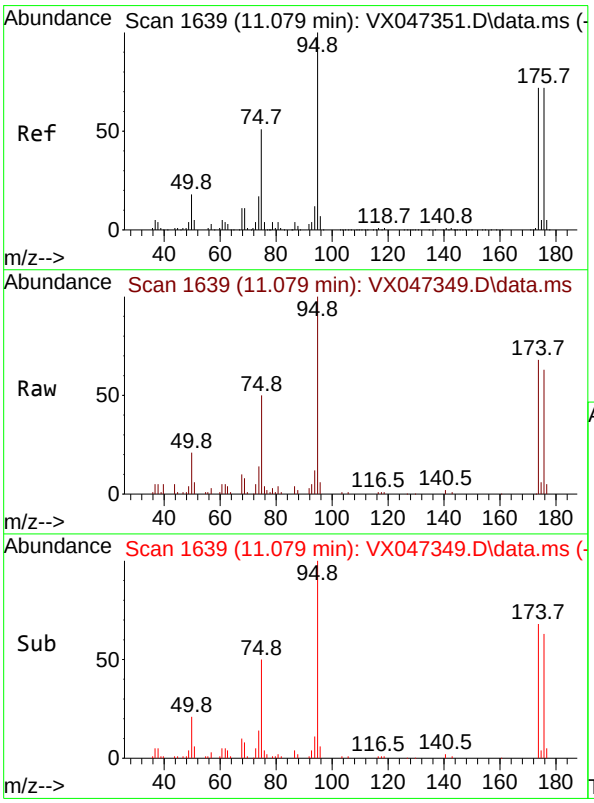
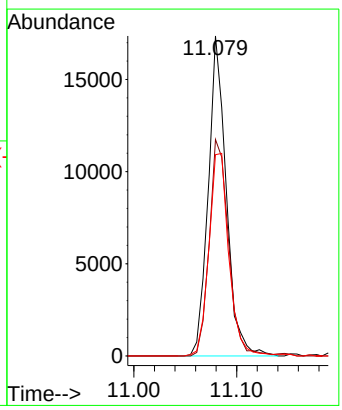
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

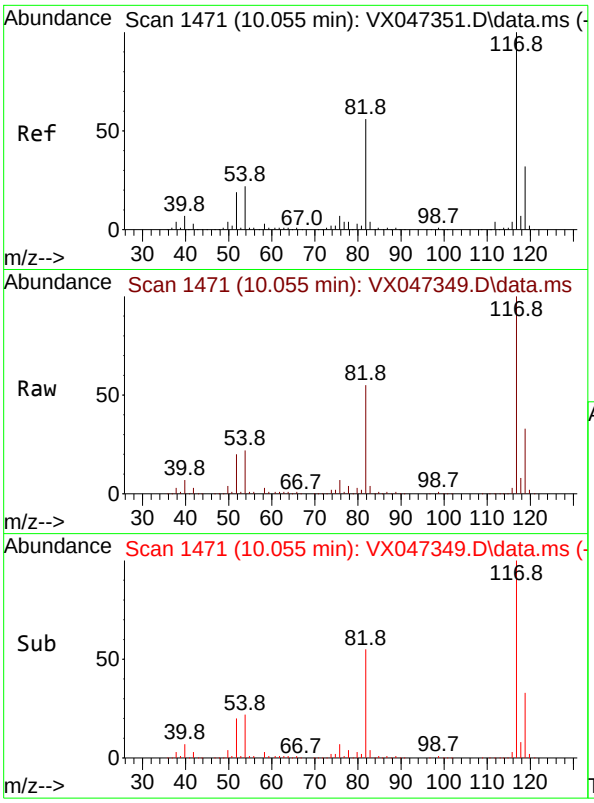


#62
4-Bromofluorobenzene
Concen: 5.150 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 95 Resp: 21138

Ion	Ratio	Lower	Upper
95	100		
174	72.1	0.0	148.0
176	70.5	0.0	145.4

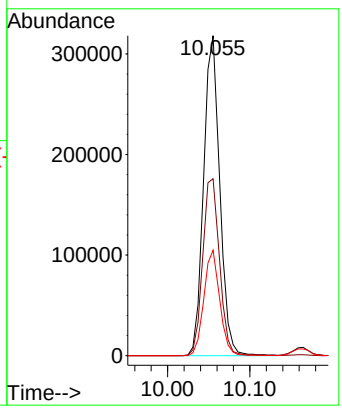




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion:117 Resp: 43459

Ion	Ratio	Lower	Upper
117	100		
82	55.3	45.0	67.4
119	33.0	25.8	38.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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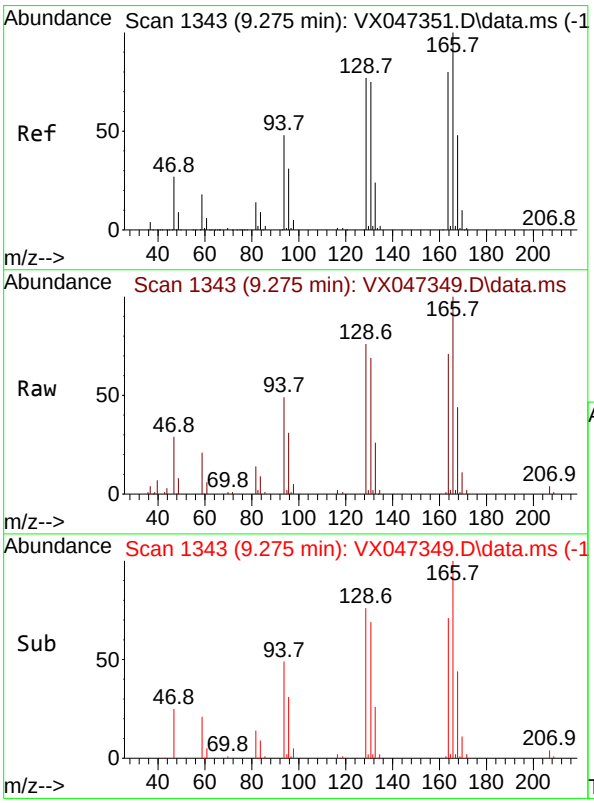
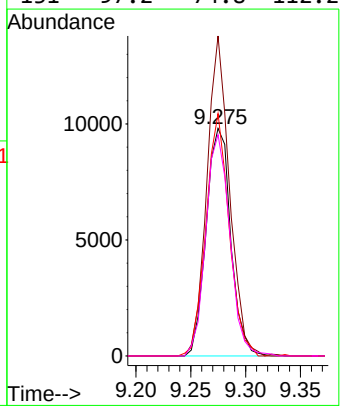
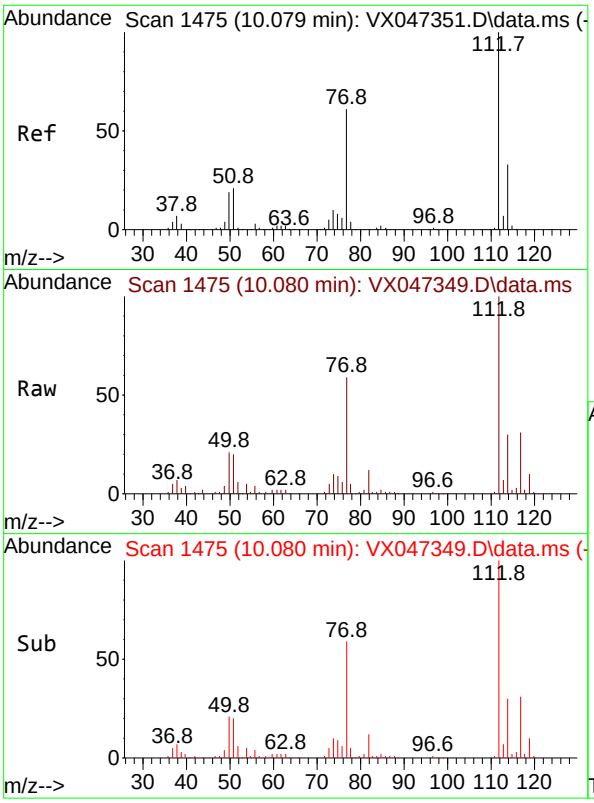


#64
Tetrachloroethene
Concen: 4.856 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion:164 Resp: 15266

Ion	Ratio	Lower	Upper
164	100		
166	140.7	100.3	150.5
129	106.6	77.7	116.5
131	97.2	74.8	112.2

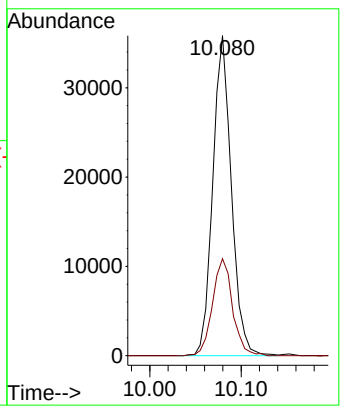




#65
Chlorobenzene
Concen: 4.896 ug/l
RT: 10.080 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion:112 Resp: 5055

Ion	Ratio	Lower	Upper
112	100		
114	30.3	26.4	39.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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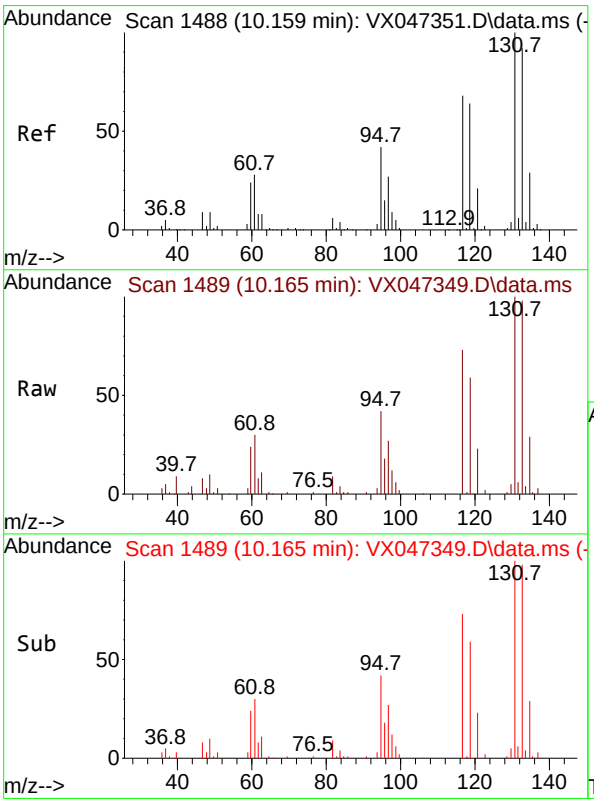
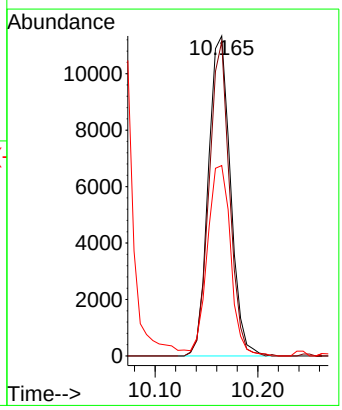
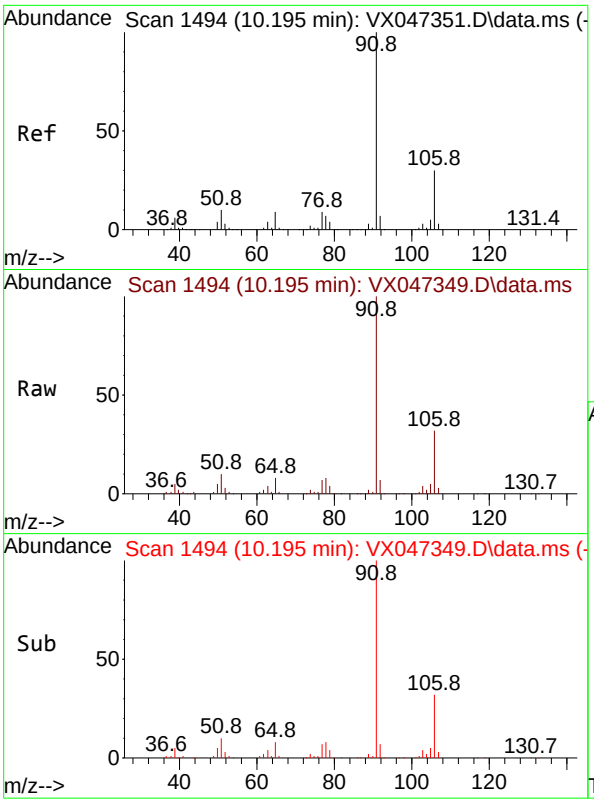


#66
1,1,1,2-Tetrachloroethane
Concen: 4.839 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion:131 Resp: 16894

Ion	Ratio	Lower	Upper
131	100		
133	90.8	47.6	142.9
119	62.5	32.3	96.8





#67
Ethyl Benzene
Concen: 4.746 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 91 Resp: 8436

Ion	Ratio	Lower	Upper
91	100		
106	31.6	24.4	36.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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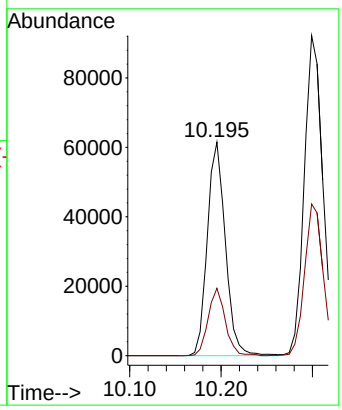
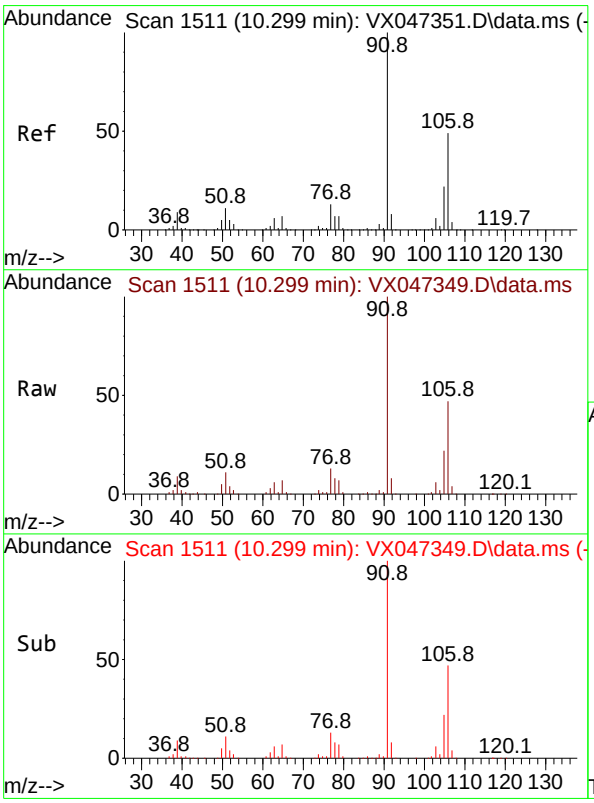
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

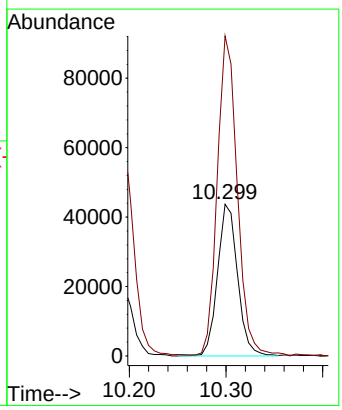


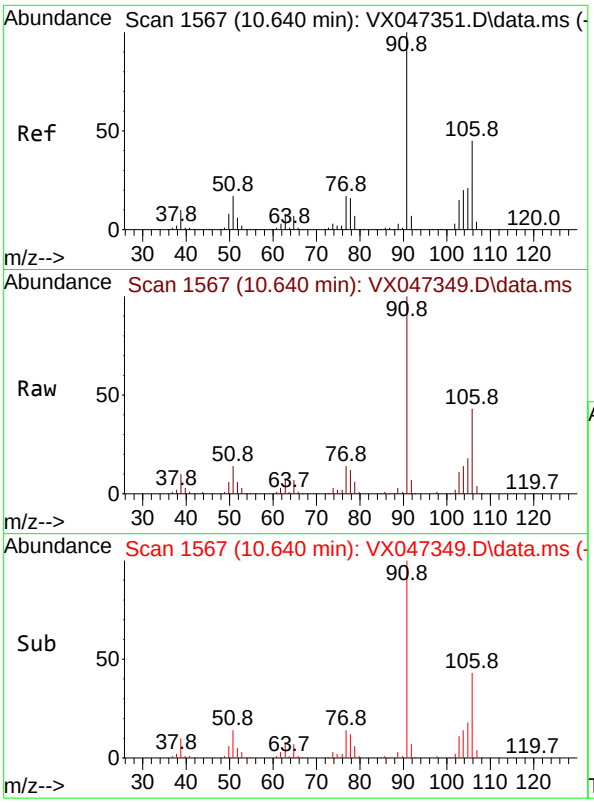


#68
m/p-Xylenes
Concen: 9.462 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion:106 Resp: 62714

Ion	Ratio	Lower	Upper
106	100		
91	211.3	164.7	247.1





#69
o-Xylene
Concen: 4.623 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion:106 Resp: 2948

Ion	Ratio	Lower	Upper
106	100		
91	221.8	110.6	331.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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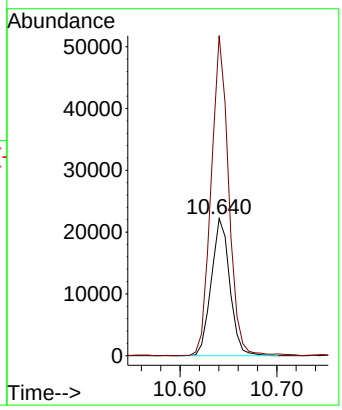
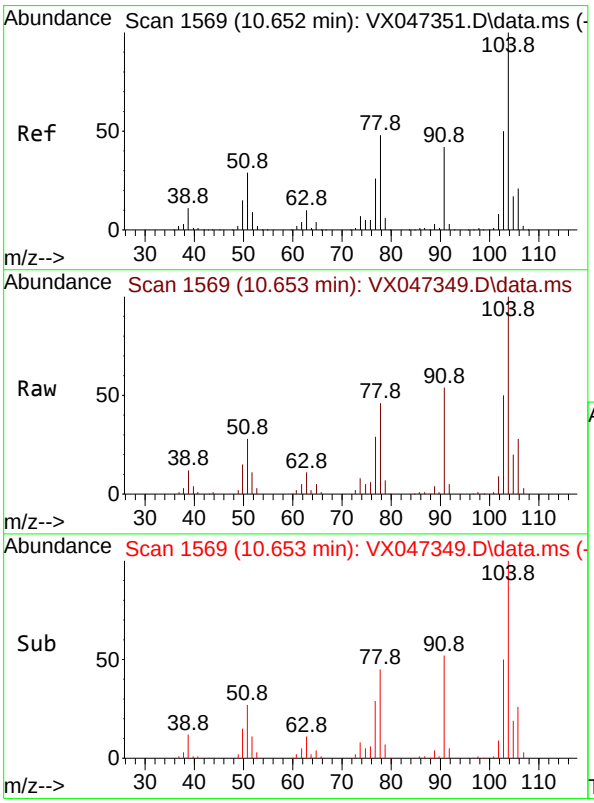
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

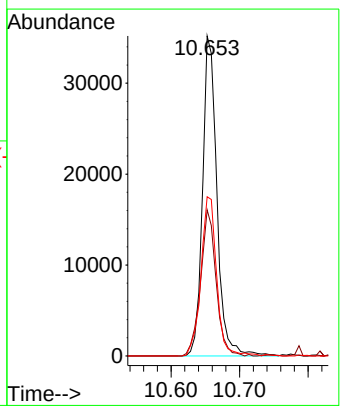


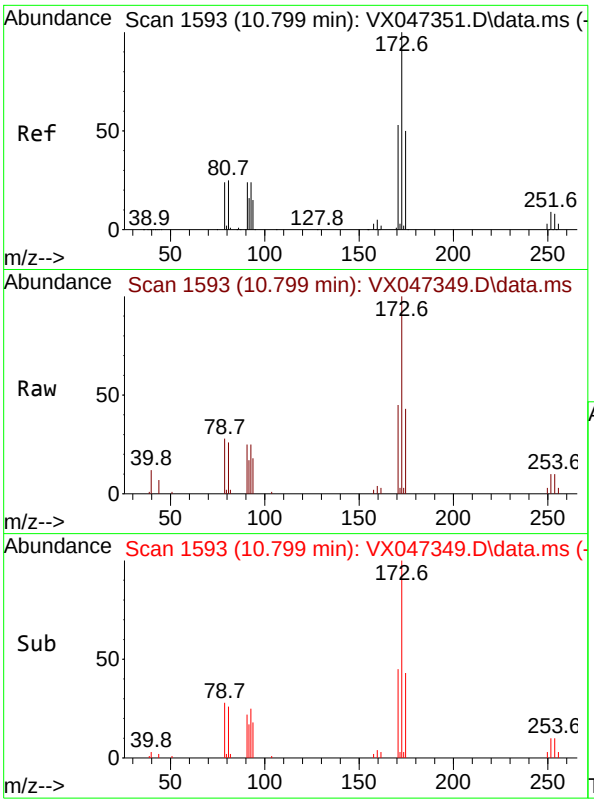


#70
Styrene
Concen: 4.783 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion:104 Resp: 51543

Ion	Ratio	Lower	Upper
104	100		
78	49.1	41.8	62.8
103	54.2	43.6	65.4





#71
Bromoform
Concen: 4.869 ug/l
RT: 10.799 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion:173 Resp: 1276

Ion	Ratio	Lower	Upper
173	100		
175	44.7	24.4	73.4
254	0.0	0.1	0.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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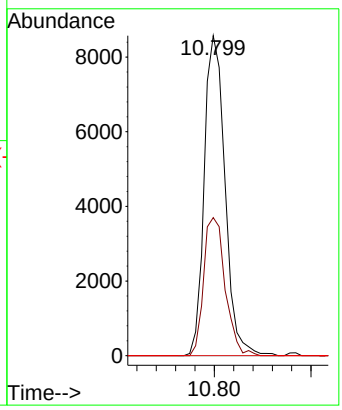
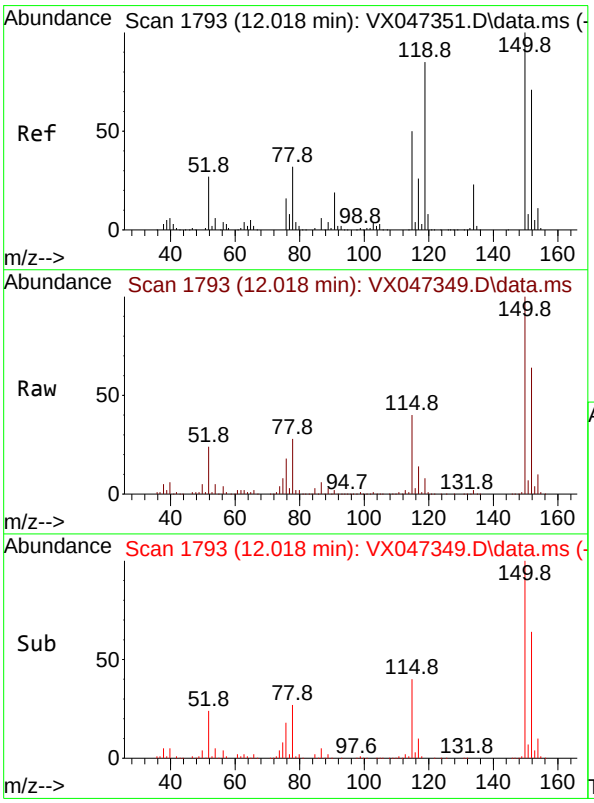
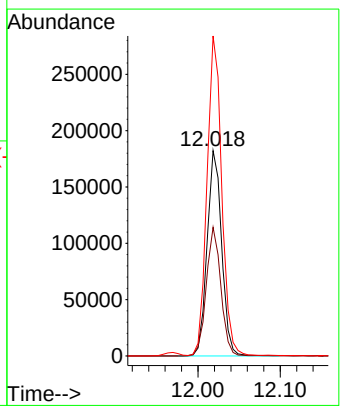


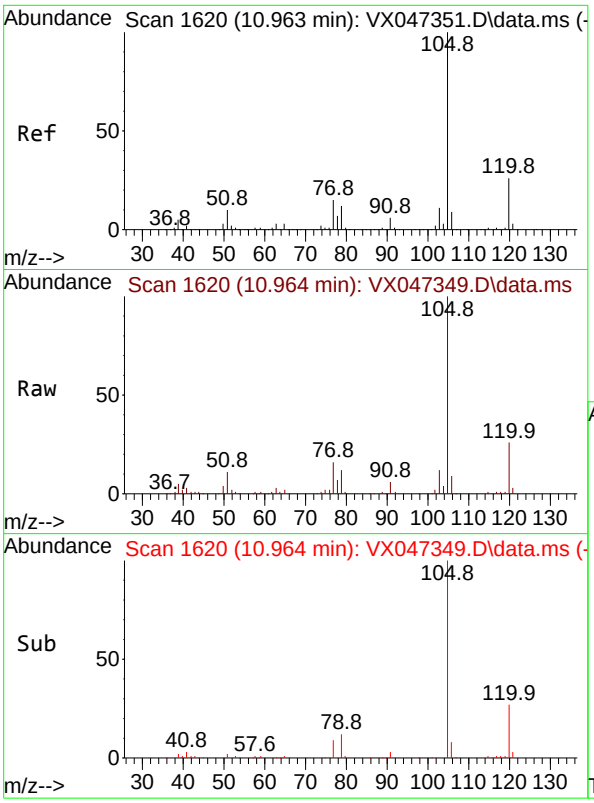


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion:152 Resp: 224159

Ion	Ratio	Lower	Upper
152	100		
115	63.0	44.6	133.8
150	156.6	0.0	349.8

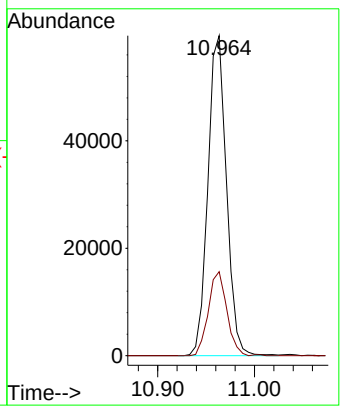




#73
Isopropylbenzene
Concen: 4.533 ug/l
RT: 10.964 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion:105 Resp: 7951

Ion	Ratio	Lower	Upper
105	100		
120	26.3	12.9	38.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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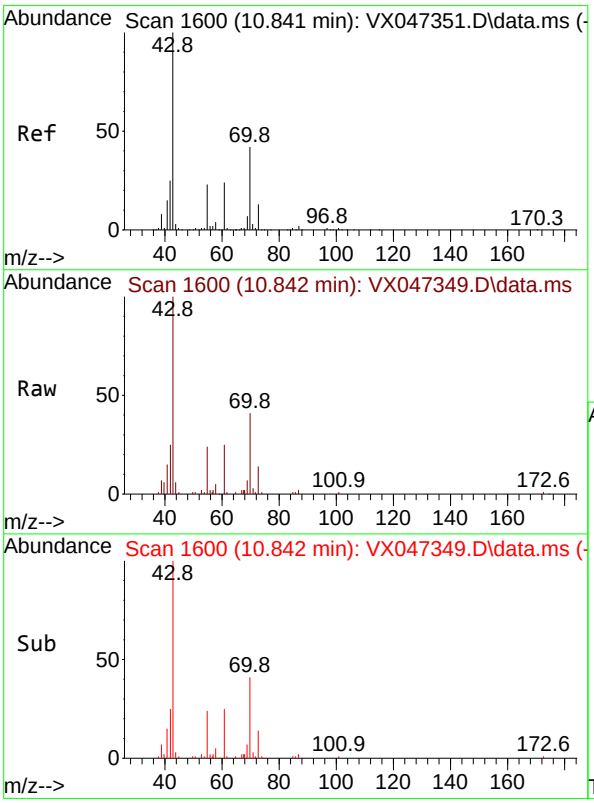
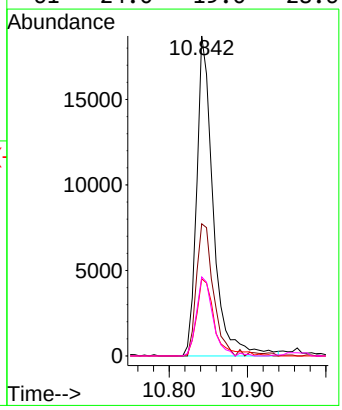
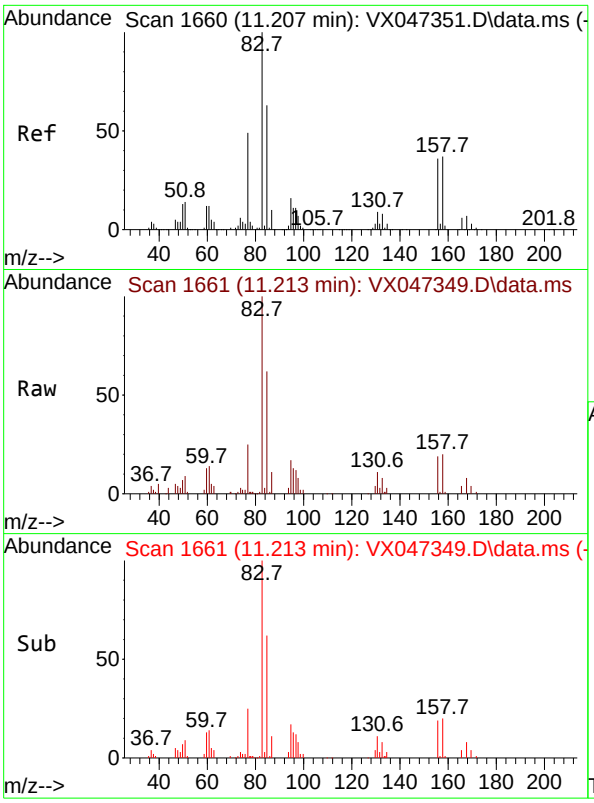


#74
N-amyl acetate
Concen: 4.138 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 43 Resp: 27565

Ion	Ratio	Lower	Upper
43	100		
70	41.5	33.1	49.7
55	26.0	19.0	28.6
61	24.0	19.0	28.6

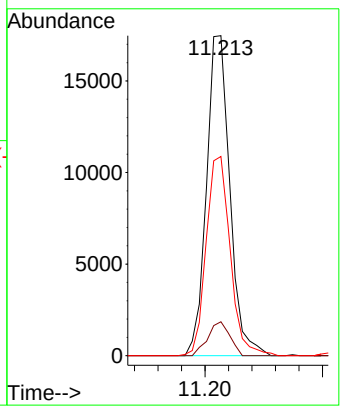




#75
1,1,2,2-Tetrachloroethane
Concen: 4.687 ug/l
RT: 11.213 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 83 Resp: 2413

Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.0	15.0
85	64.0	31.7	95.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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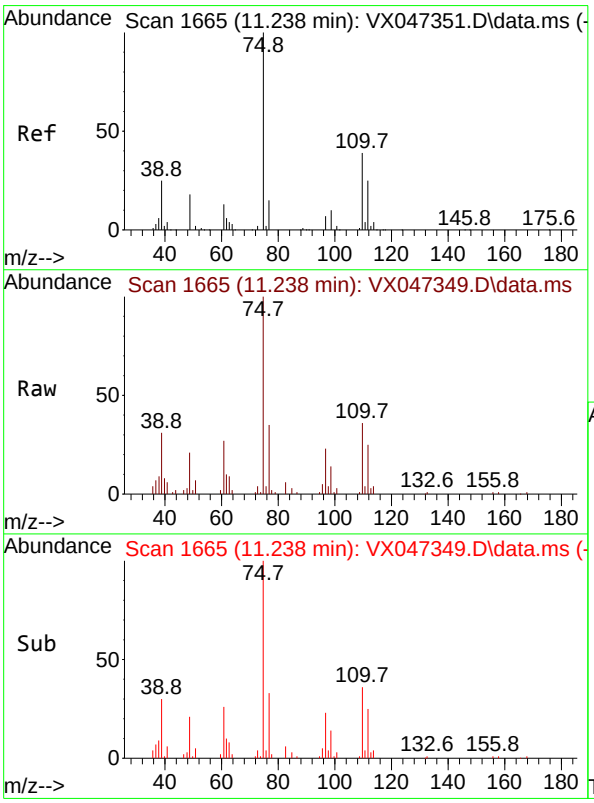
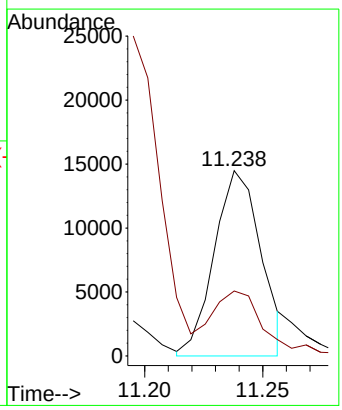
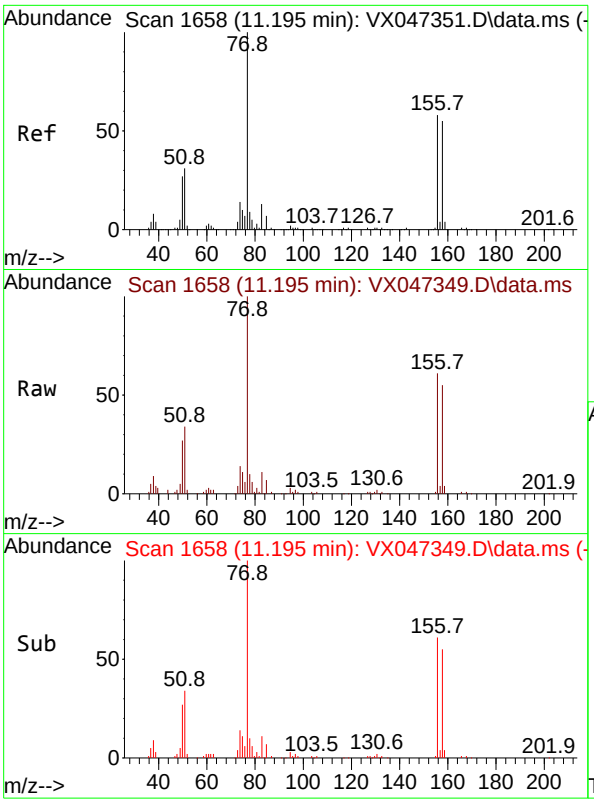


#76
1,2,3-Trichloropropane
Concen: 4.843 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 75 Resp: 19912

Ion	Ratio	Lower	Upper
75	100		
77	40.2	19.4	58.2





#77
Bromobenzene
Concen: 4.758 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion:156 Resp: 2038

Ion	Ratio	Lower	Upper
156	100		
77	165.6	86.3	258.9
158	94.8	48.0	144.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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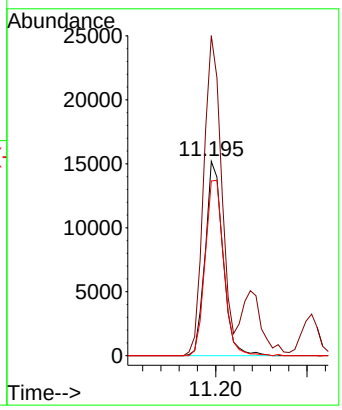
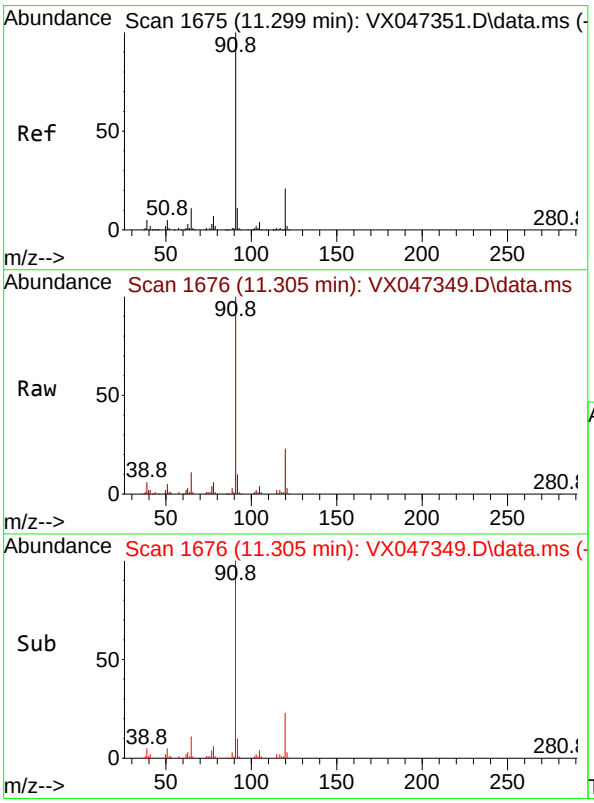
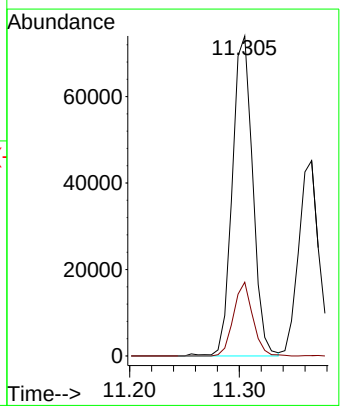


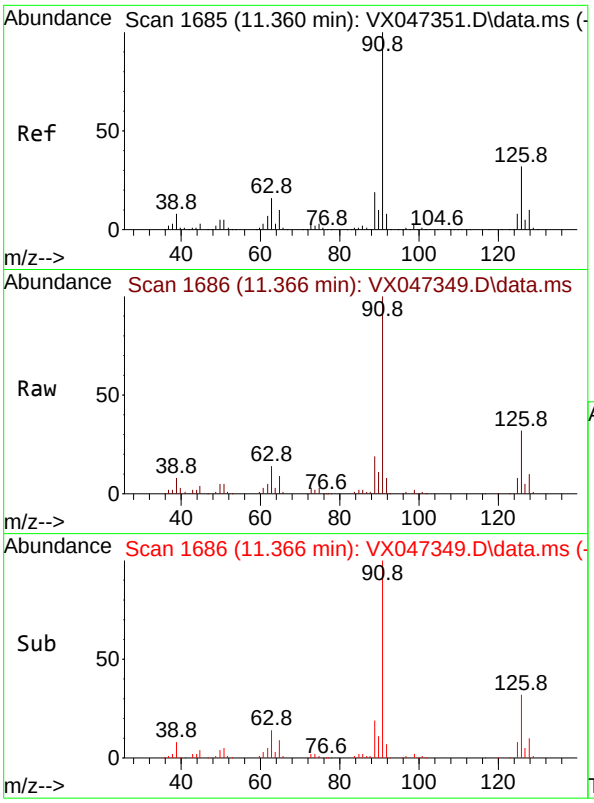


#78
n-propylbenzene
Concen: 4.561 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 91 Resp: 95550

Ion	Ratio	Lower	Upper
91	100		
120	21.8	11.0	33.0





#79
2-Chlorotoluene
Concen: 4.623 ug/l
RT: 11.366 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 91 Resp: 5854

Ion	Ratio	Lower	Upper
91	100		
126	32.4	16.7	50.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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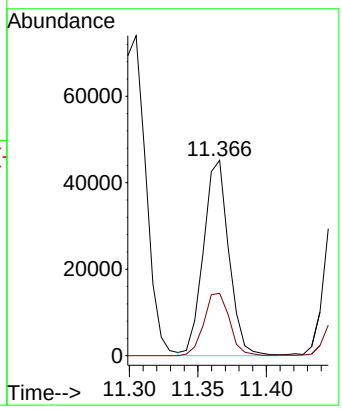
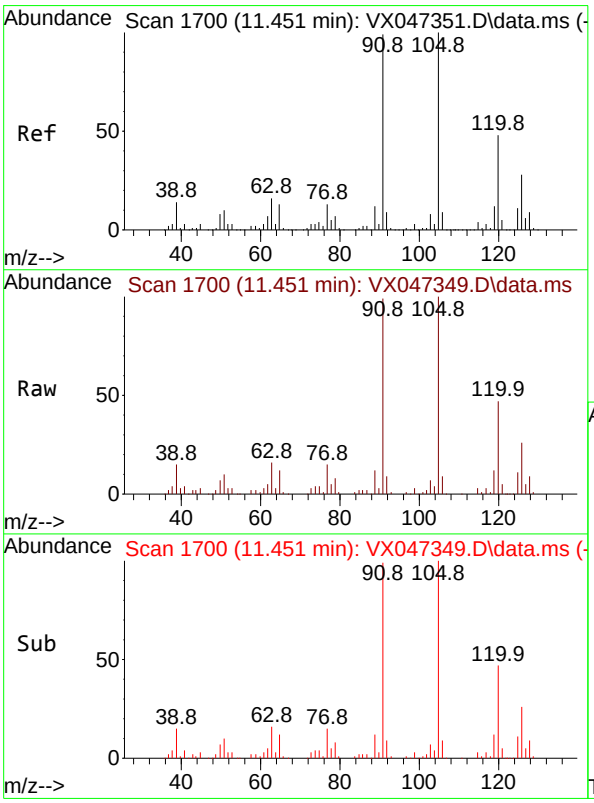
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

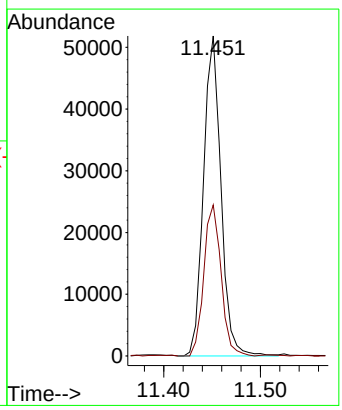


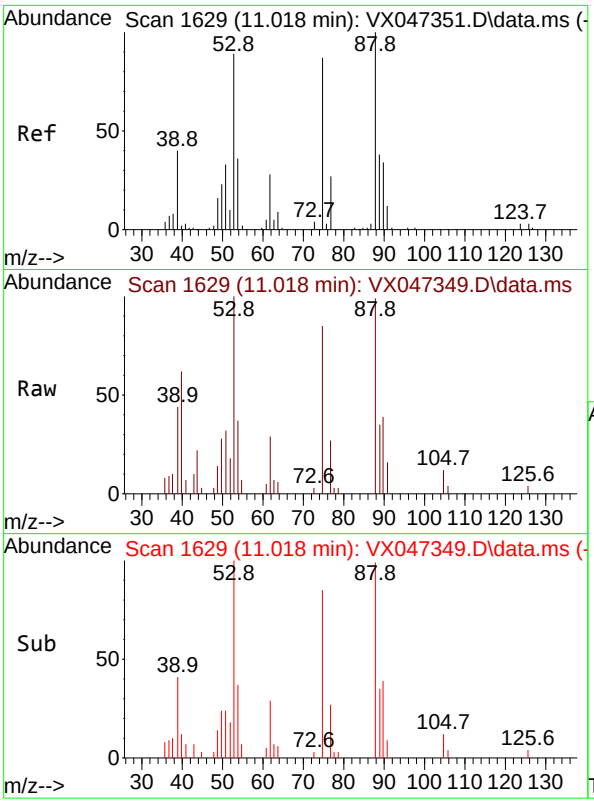


#80
1,3,5-Trimethylbenzene
Concen: 4.518 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion:105 Resp: 65210

Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.9	71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 9.640 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 75 Resp: 199

Ion	Ratio	Lower	Upper
75	100		
53	124.7	85.2	127.8
89	47.4	36.7	55.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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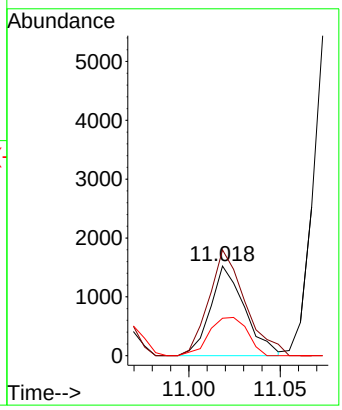
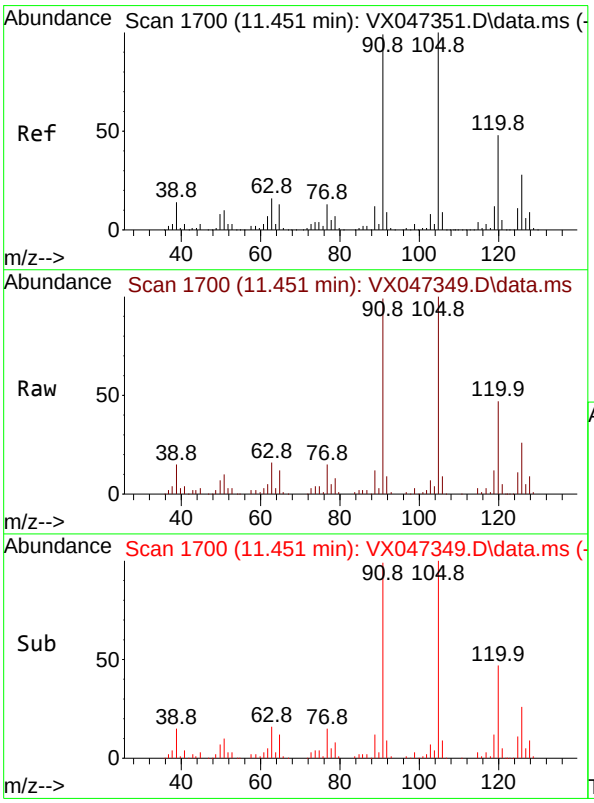
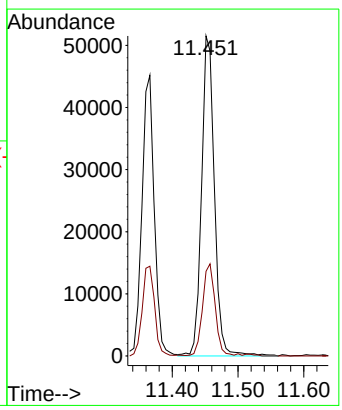


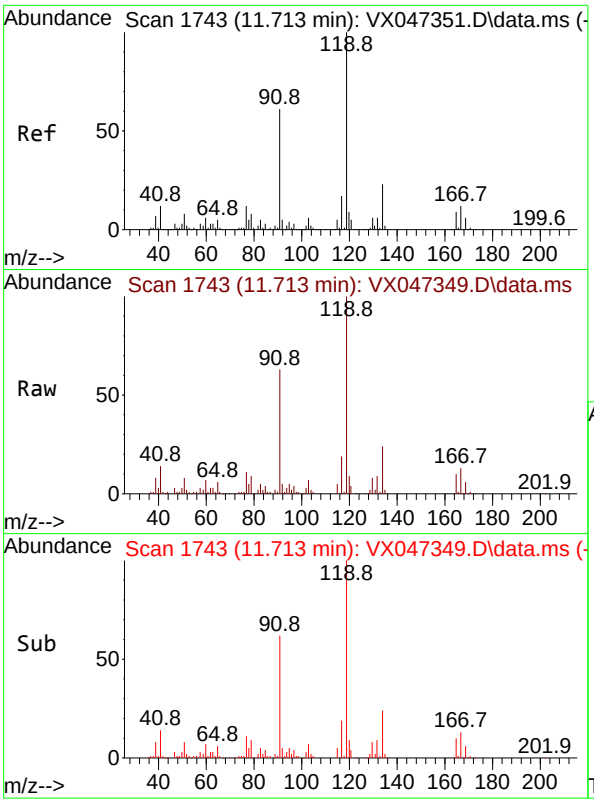


#82
4-Chlorotoluene
Concen: 4.697 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 91 Resp: 70117

Ion	Ratio	Lower	Upper
91	100		
126	27.7	14.4	43.0

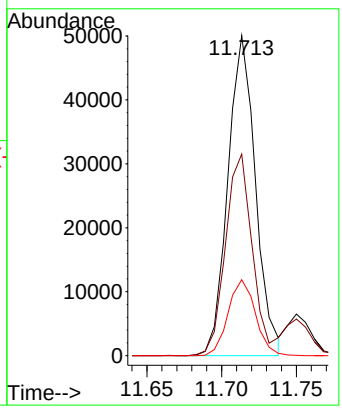




#83
tert-Butylbenzene
Concen: 4.463 ug/l
RT: 11.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion:119 Resp: 6426

Ion	Ratio	Lower	Upper
119	100		
91	60.5	29.1	87.4
134	23.6	11.3	33.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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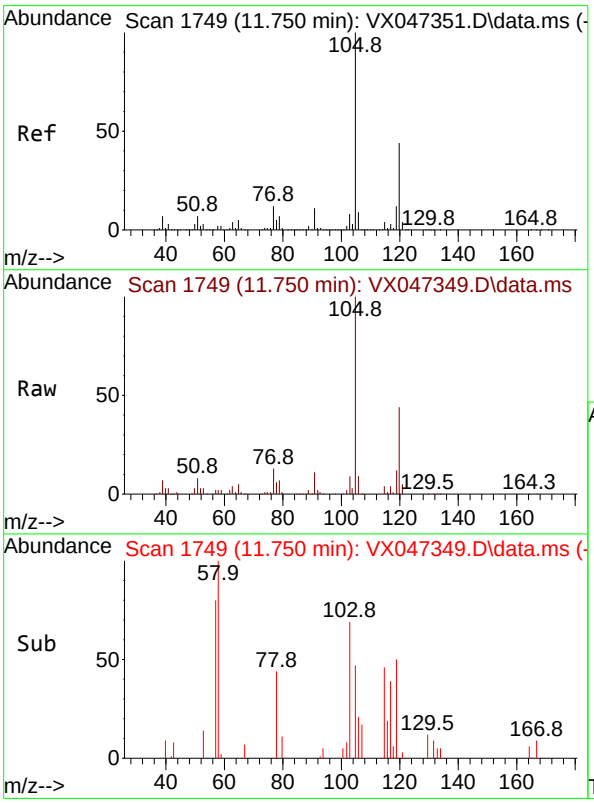
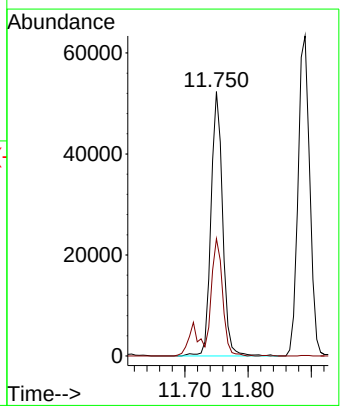
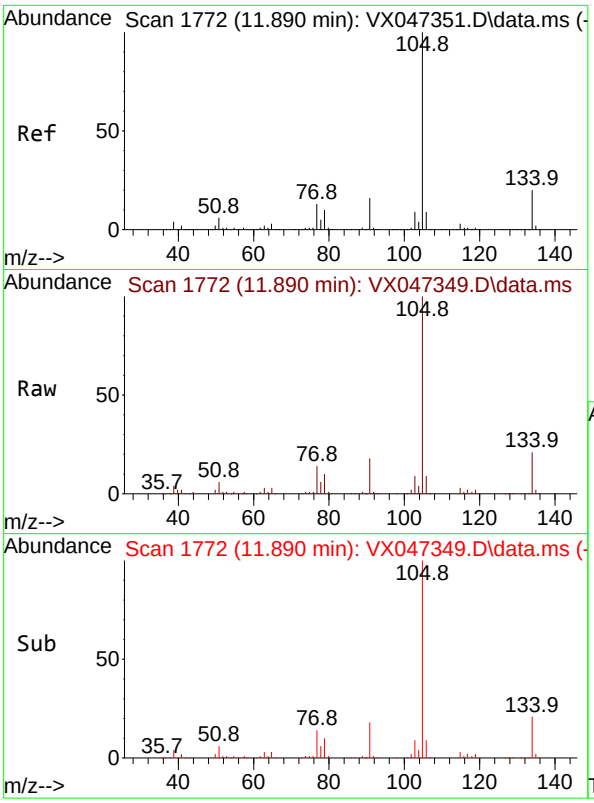


#84
1,2,4-Trimethylbenzene
Concen: 4.644 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion:105 Resp: 67032

Ion	Ratio	Lower	Upper
105	100		
120	42.2	21.9	65.7

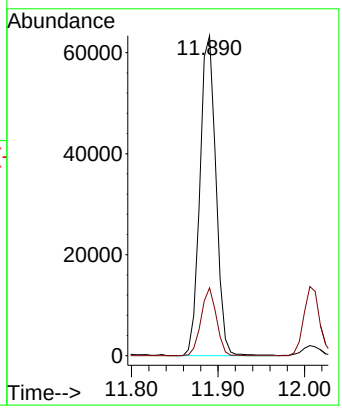




#85
sec-Butylbenzene
Concen: 4.559 ug/l
RT: 11.890 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion:105 Resp: 8137

Ion	Ratio	Lower	Upper
105	100		
134	20.3	9.8	29.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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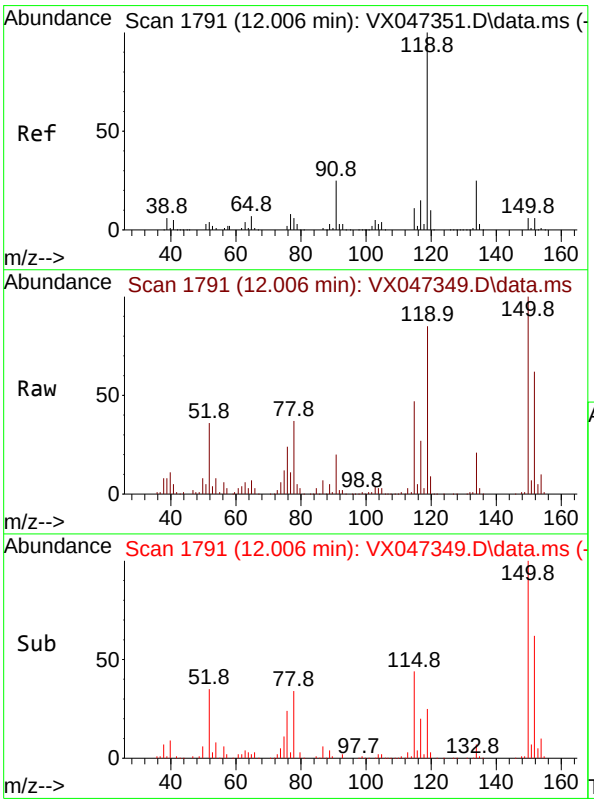
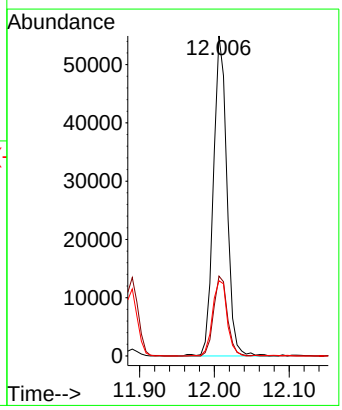
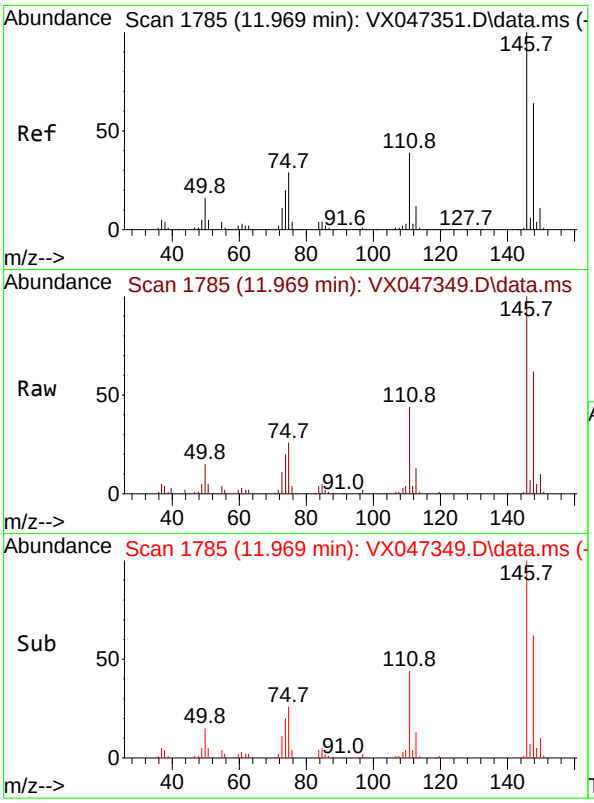


#86
p-Isopropyltoluene
Concen: 4.559 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion:119 Resp: 68849

Ion	Ratio	Lower	Upper
119	100		
134	25.4	12.8	38.4
91	25.4	12.4	37.4

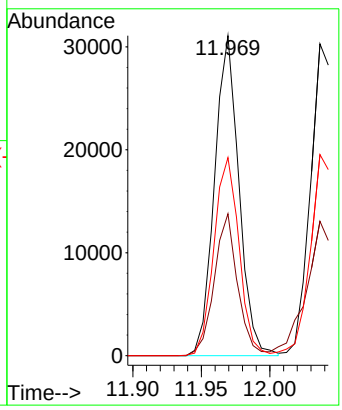




#87
1,3-Dichlorobenzene
Concen: 4.709 ug/l
RT: 11.969 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion:146 Resp: 3853

Ion	Ratio	Lower	Upper
146	100		
111	42.5	20.6	61.8
148	63.6	31.9	95.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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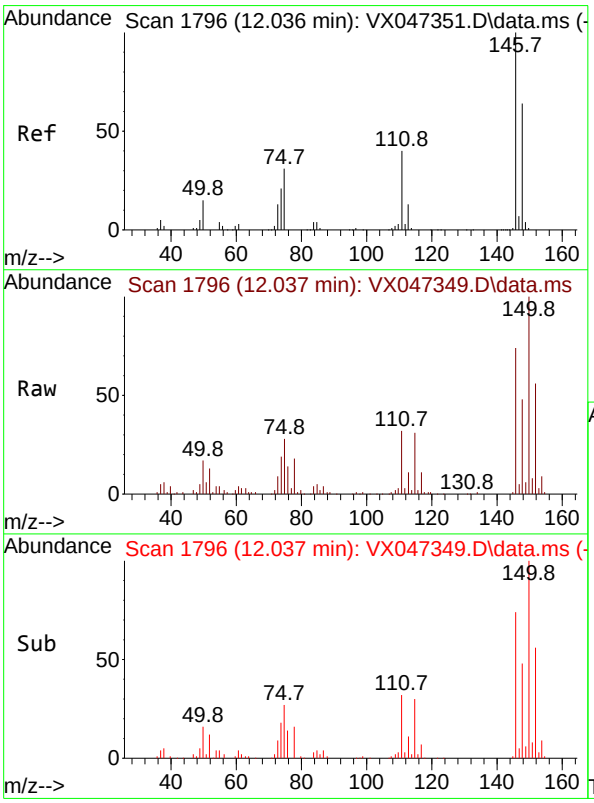
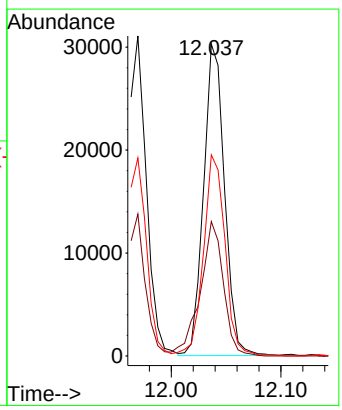
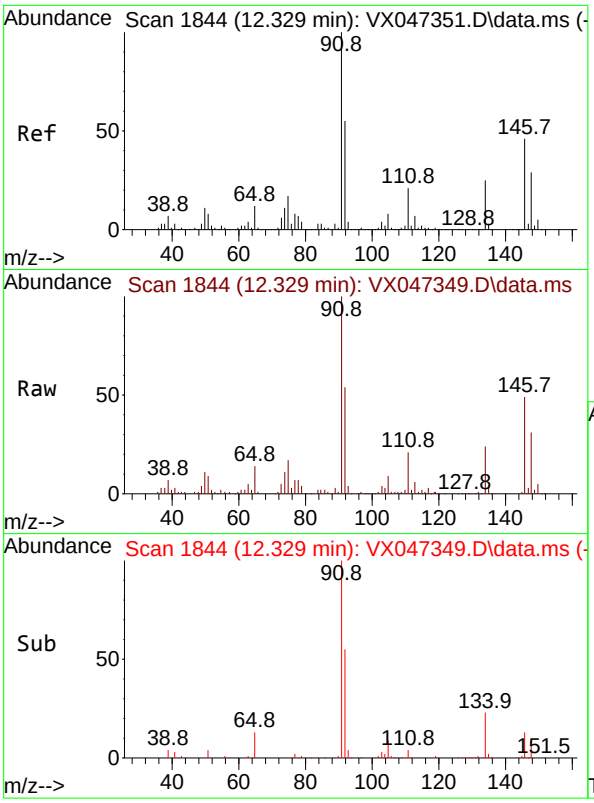


#88
1,4-Dichlorobenzene
Concen: 4.763 ug/l
RT: 12.037 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion:146 Resp: 40089

Ion	Ratio	Lower	Upper
146	100		
111	47.8	20.4	61.2
148	66.7	31.7	95.1

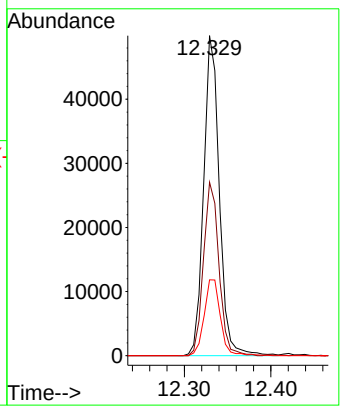




#89
n-Butylbenzene
Concen: 4.461 ug/l
RT: 12.329 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 91 Resp: 6266

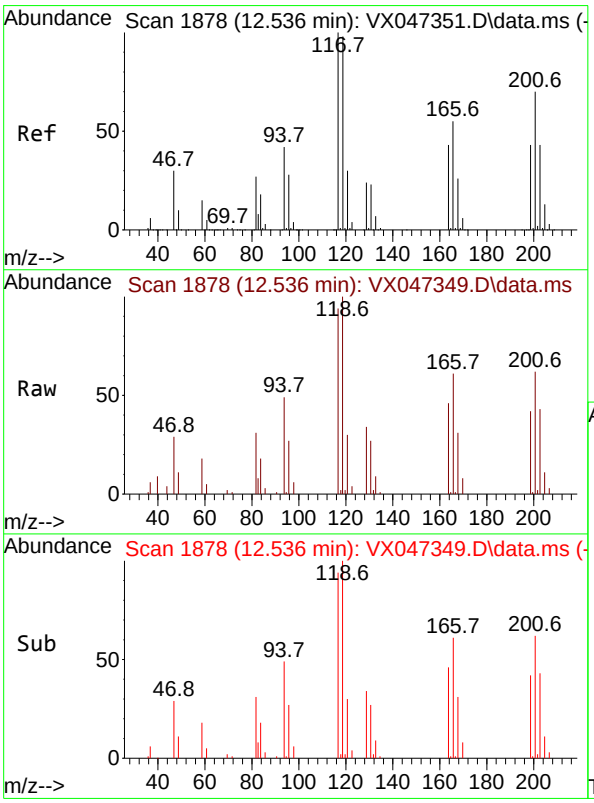
Ion	Ratio	Lower	Upper
91	100		
92	53.6	27.2	81.5
134	24.6	12.6	37.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

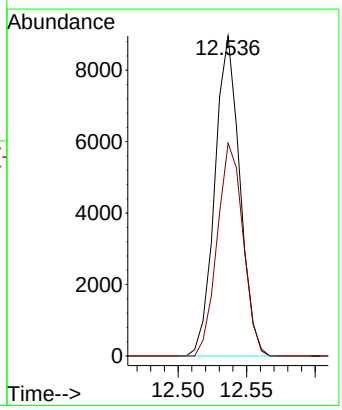
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

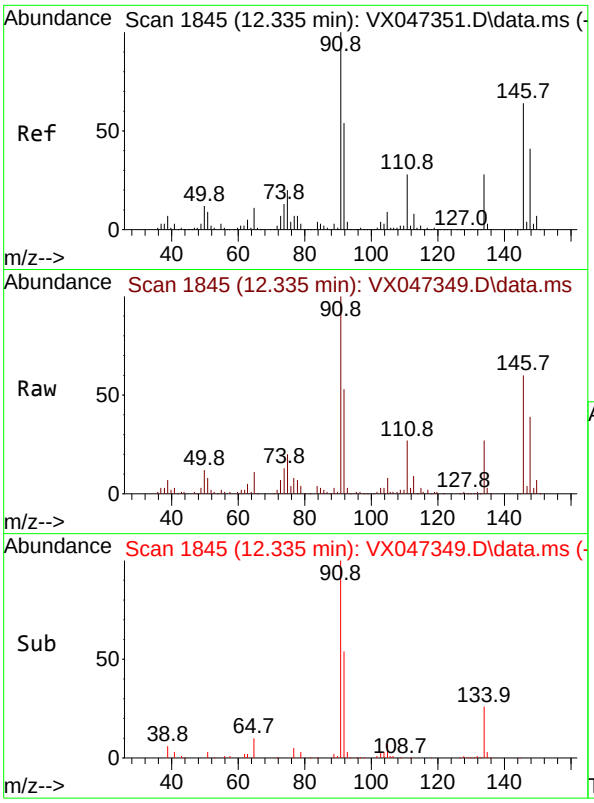


#90
Hexachloroethane
Concen: 4.274 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion:117 Resp: 11325

Ion	Ratio	Lower	Upper
117	100		
201	68.9	35.1	105.3

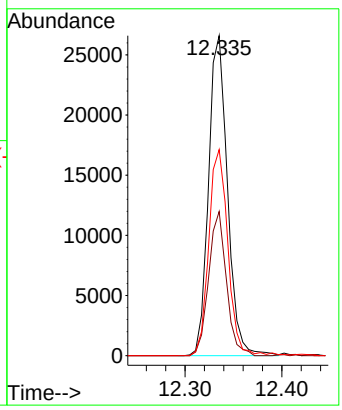




#91
1,2-Dichlorobenzene
Concen: 4.667 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion:146 Resp: 3624

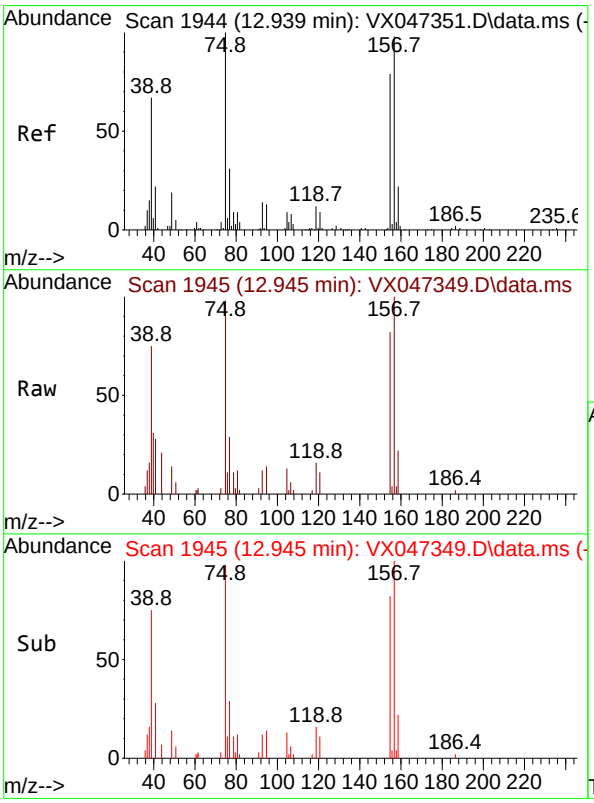
Ion	Ratio	Lower	Upper
146	100		
111	42.3	22.1	66.1
148	65.2	31.9	95.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

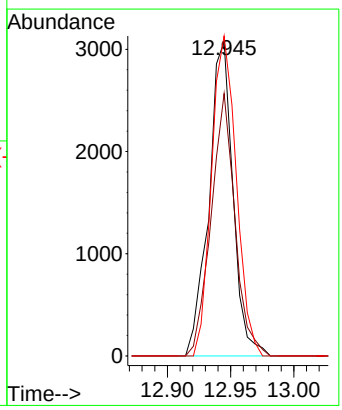
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

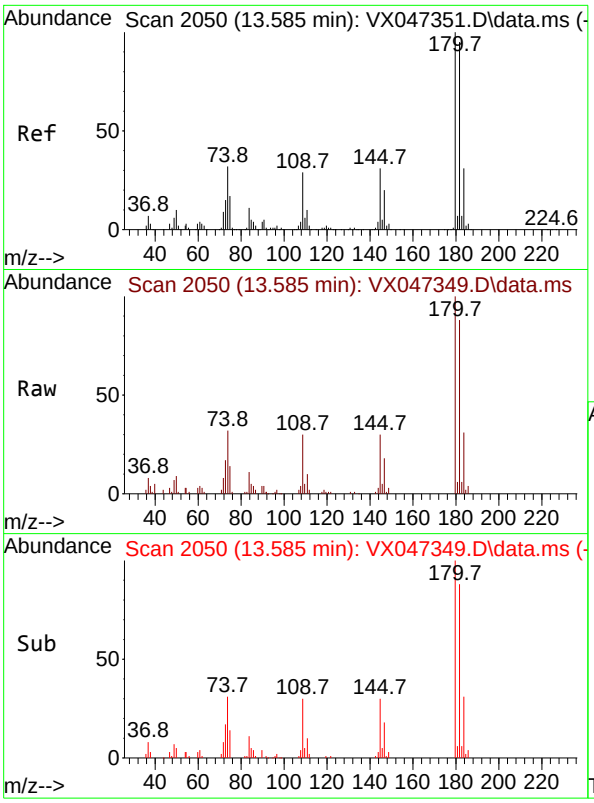


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.097 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 75 Resp: 4081

Ion	Ratio	Lower	Upper
75	100		
155	82.5	41.3	123.7
157	104.4	51.5	154.5

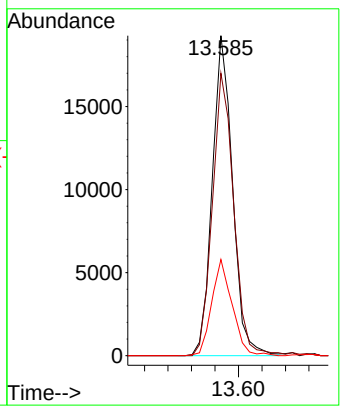




#93
1,2,4-Trichlorobenzene
Concen: 4.432 ug/l
RT: 13.585 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion:180 Resp: 2308

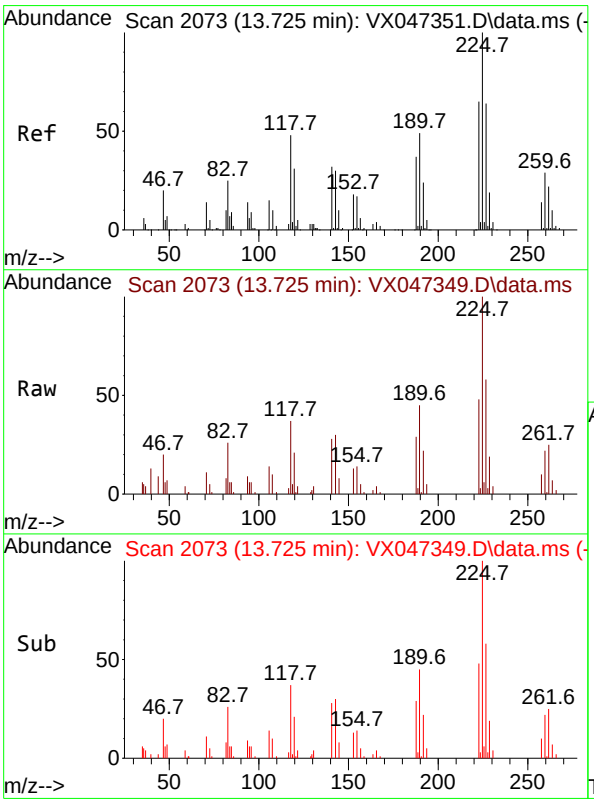
Ion	Ratio	Lower	Upper
180	100		
182	92.4	48.1	144.4
145	30.4	16.2	48.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

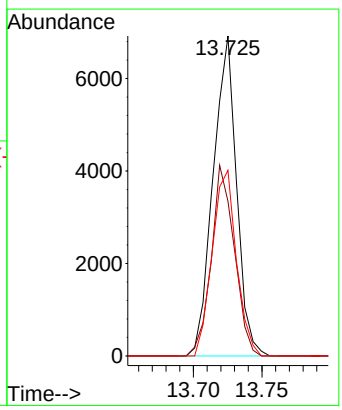
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

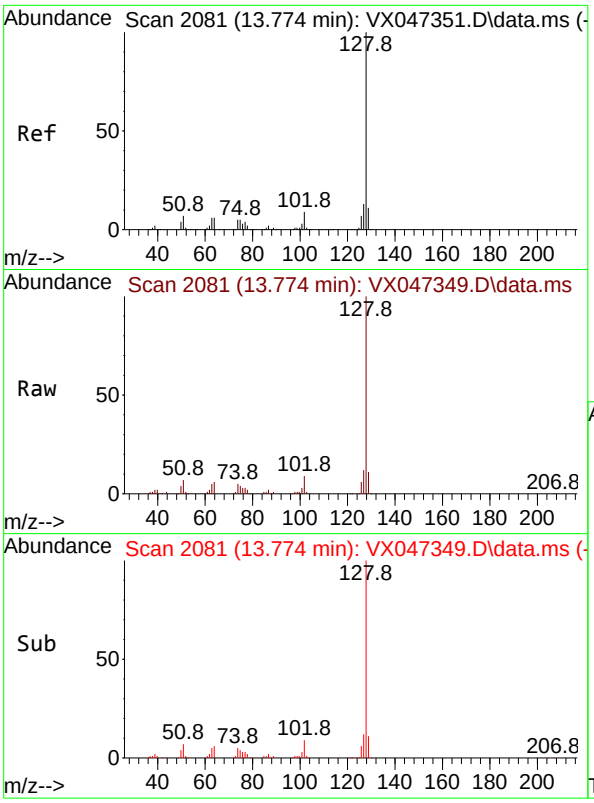


#94
Hexachlorobutadiene
Concen: 4.436 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion:225 Resp: 8221

Ion	Ratio	Lower	Upper
225	100		
223	58.6	32.2	96.6
227	60.0	31.6	95.0

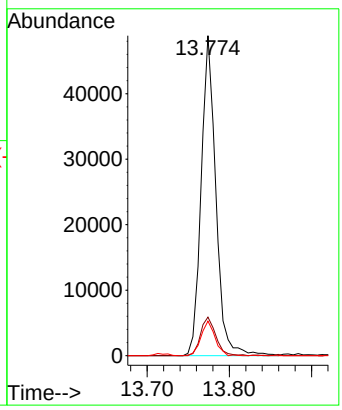




#95
Naphthalene
Concen: 4.076 ug/l
RT: 13.774 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion:128 Resp: 6064

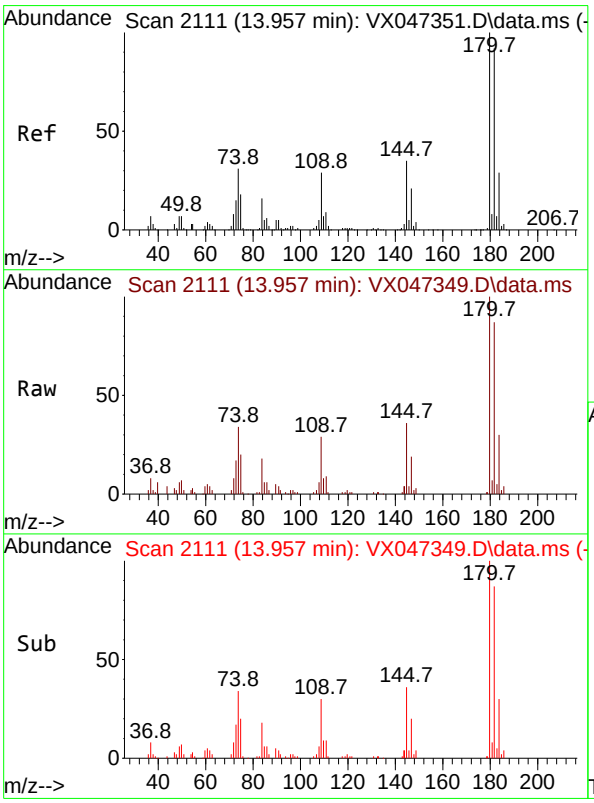
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.1	15.1
129	10.3	8.7	13.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

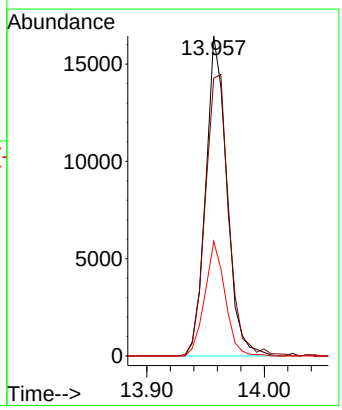
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#96
1,2,3-Trichlorobenzene
Concen: 4.199 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion:180 Resp: 20611

Ion	Ratio	Lower	Upper
180	100		
182	97.0	48.0	144.2
145	34.3	17.4	52.2



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047350.D
Acq On : 15 Aug 2025 10:01
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

Quant Time: Aug 18 02:53:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 02:51:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	259497	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	434596	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	392362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	196732	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	60290	16.601	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 33.200%#			
35) Dibromofluoromethane	5.397	113	48382	17.153	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 34.300%#			
50) Toluene-d8	8.653	98	172730	17.133	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 34.260%#			
62) 4-Bromofluorobenzene	11.079	95	64433	17.320	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 34.640%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	66192	20.010	ug/l	96
3) Chloromethane	1.313	50	58950	19.810	ug/l	96
4) Vinyl Chloride	1.392	62	77968	20.874	ug/l	99
5) Bromomethane	1.624	94	30761	20.389	ug/l	89
6) Chloroethane	1.703	64	45658	19.979	ug/l	100
7) Trichlorofluoromethane	1.904	101	116366	21.062	ug/l	96
8) Diethyl Ether	2.148	74	40131	20.629	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.349	101	68887	21.495	ug/l	100
10) Methyl Iodide	2.471	142	94708	17.244	ug/l	99
11) Tert butyl alcohol	2.965	59	30471	96.445	ug/l	98
12) 1,1-Dichloroethene	2.337	96	68973	21.110	ug/l	98
13) Acrolein	2.252	56	63232	94.809	ug/l	100
14) Allyl chloride	2.678	41	118613	20.902	ug/l	99
15) Acrylonitrile	3.081	53	163095	106.830	ug/l	99
16) Acetone	2.392	43	161019	117.954	ug/l	95
17) Carbon Disulfide	2.532	76	198834	20.167	ug/l	98
18) Methyl Acetate	2.715	43	68662	19.410	ug/l	99
19) Methyl tert-butyl Ether	3.130	73	209527	21.080	ug/l	98
20) Methylene Chloride	2.806	84	76029	21.033	ug/l	97
21) trans-1,2-Dichloroethene	3.111	96	73205	21.110	ug/l	99
22) Diisopropyl ether	3.776	45	246210	21.949	ug/l	98
23) Vinyl Acetate	3.733	43	996178	108.348	ug/l	97
24) 1,1-Dichloroethane	3.629	63	134271	21.177	ug/l	99
25) 2-Butanone	4.568	43	195973	109.614	ug/l	96
26) 2,2-Dichloropropane	4.489	77	101341	21.177	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	85695	21.217	ug/l	98
28) Bromochloromethane	4.910	49	41717	15.812	ug/l	100
29) Tetrahydrofuran	5.032	42	117869	102.002	ug/l	97
30) Chloroform	5.105	83	137885	21.309	ug/l	96
31) Cyclohexane	5.483	56	124775	21.348	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	119441	21.445	ug/l	98
36) 1,1-Dichloropropene	5.702	75	95703	21.494	ug/l	99
37) Ethyl Acetate	4.727	43	98709	21.355	ug/l	96
38) Carbon Tetrachloride	5.690	117	103616	21.296	ug/l	96
39) Methylcyclohexane	7.385	83	116913	21.051	ug/l	95
40) Benzene	6.050	78	289406	21.716	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047350.D
Acq On : 15 Aug 2025 10:01
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Quant Time: Aug 18 02:53:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 02:51:35 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.940	41	42490	21.799	ug/l		96
42) 1,2-Dichloroethane	6.098	62	103227	21.867	ug/l		98
43) Isopropyl Acetate	6.348	43	141062	21.243	ug/l		99
44) Trichloroethene	7.135	130	73526	21.546	ug/l		94
45) 1,2-Dichloropropane	7.434	63	72118	21.601	ug/l		100
46) Dibromomethane	7.586	93	52472	21.648	ug/l		99
47) Bromodichloromethane	7.824	83	107990	21.491	ug/l		98
48) Methyl methacrylate	7.696	41	72765	21.111	ug/l		100
49) 1,4-Dioxane	7.684	88	13554m	414.079	ug/l		
51) 4-Methyl-2-Pentanone	8.574	43	416671	109.039	ug/l		100
52) Toluene	8.720	92	181368	22.024	ug/l		100
53) t-1,3-Dichloropropene	8.982	75	93302	21.275	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	105701	21.294	ug/l		99
55) 1,1,2-Trichloroethane	9.153	97	68282	21.838	ug/l		98
56) Ethyl methacrylate	9.116	69	97675	21.188	ug/l		99
57) 1,3-Dichloropropane	9.311	76	116737	21.910	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	159793	78.521	ug/l		99
59) 2-Hexanone	9.433	43	293885	111.182	ug/l		100
60) Dibromochloromethane	9.519	129	80119	21.561	ug/l		98
61) 1,2-Dibromoethane	9.610	107	68961	21.388	ug/l		99
64) Tetrachloroethene	9.275	164	60329	21.257	ug/l		93
65) Chlorobenzene	10.079	112	198998	21.342	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	66366	21.056	ug/l		99
67) Ethyl Benzene	10.195	91	347834	21.675	ug/l		99
68) m/p-Xylenes	10.299	106	260945	43.608	ug/l		98
69) o-Xylene	10.640	106	124422	21.606	ug/l		99
70) Styrene	10.653	104	219310	22.540	ug/l		99
71) Bromoform	10.799	173	50519	21.335	ug/l	#	99
73) Isopropylbenzene	10.963	105	329846	21.425	ug/l		99
74) N-amyl acetate	10.842	43	121116	20.717	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.207	83	95098	21.039	ug/l		98
76) 1,2,3-Trichloropropane	11.238	75	74083m	20.531	ug/l		
77) Bromobenzene	11.195	156	80066	21.298	ug/l		99
78) n-propylbenzene	11.305	91	395888	21.531	ug/l		99
79) 2-Chlorotoluene	11.360	91	239133	21.515	ug/l		97
80) 1,3,5-Trimethylbenzene	11.451	105	272501	21.513	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	11057	19.090	ug/l		90
82) 4-Chlorotoluene	11.451	91	278705	21.272	ug/l		99
83) tert-Butylbenzene	11.713	119	271541	21.487	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	277110	21.876	ug/l		100
85) sec-Butylbenzene	11.890	105	340203	21.719	ug/l		99
86) p-Isopropyltoluene	12.006	119	280855	21.189	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	150028	20.890	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	153630	20.798	ug/l		99
89) n-Butylbenzene	12.329	91	260428	21.124	ug/l		99
90) Hexachloroethane	12.536	117	45934	19.754	ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	145629	21.363	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	17698	20.246	ug/l		100
93) 1,2,4-Trichlorobenzene	13.585	180	91878	20.105	ug/l		100
94) Hexachlorobutadiene	13.719	225	30481	18.738	ug/l		98
95) Naphthalene	13.774	128	267664	20.495	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	87275	20.261	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047350.D
Acq On : 15 Aug 2025 10:01
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

Quant Time: Aug 18 02:53:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 02:51:35 2025
Response via : Initial Calibration

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

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

ICAL Form

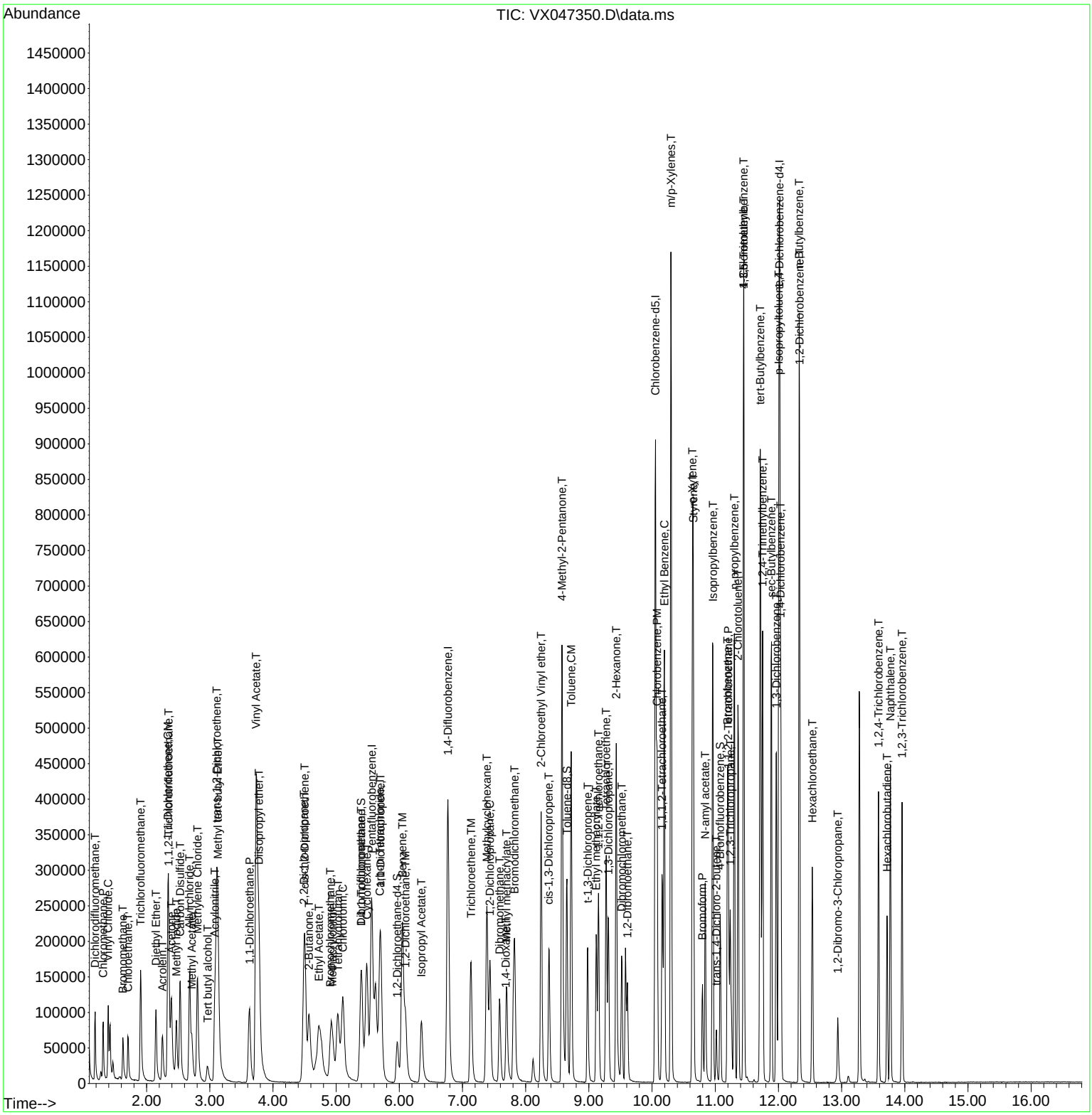
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047350.D
Acq On : 15 Aug 2025 10:01
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

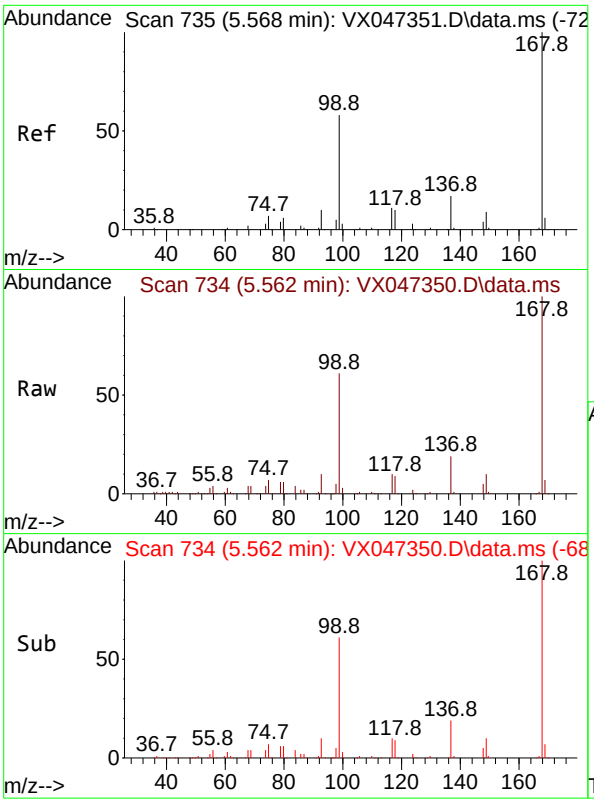
Quant Time: Aug 18 02:53:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 02:51:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

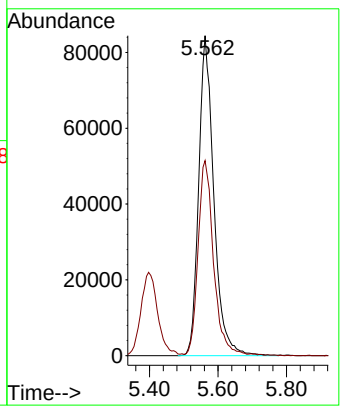




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion:168 Resp: 25949

Ion	Ratio	Lower	Upper
168	100		
99	60.9	47.9	71.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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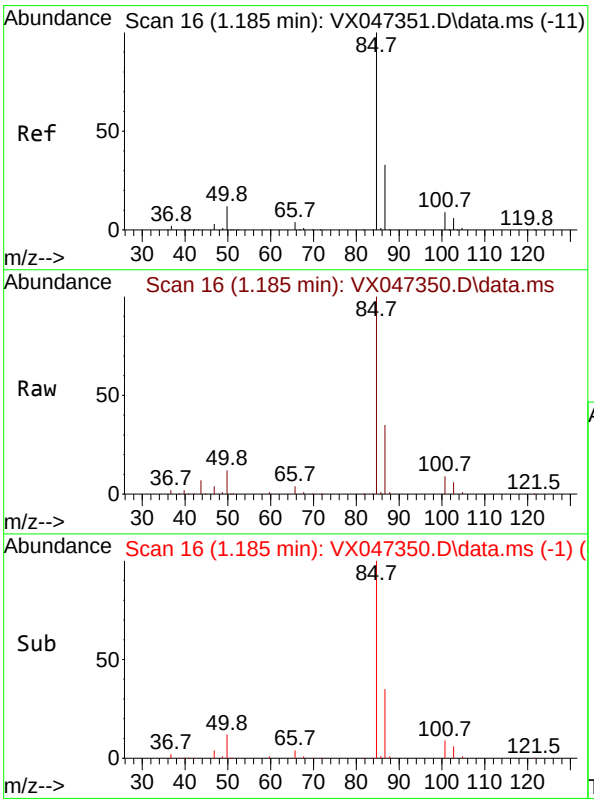
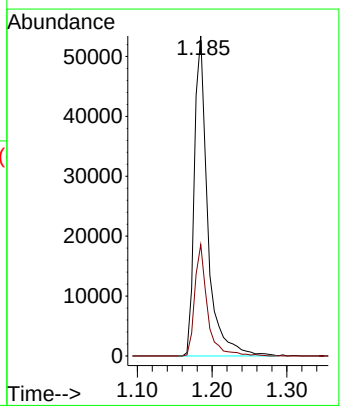
Supervised By :Mahesh Dadoda 08/19/2025

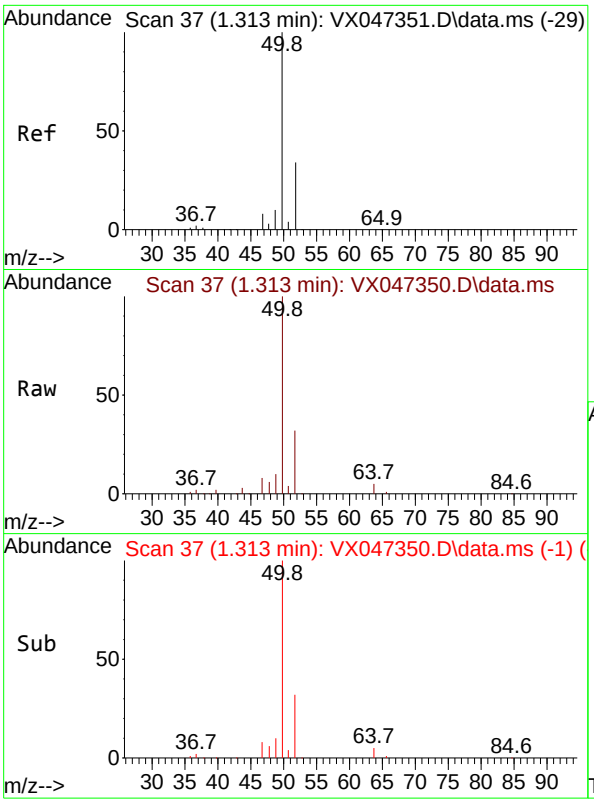


#2
Dichlorodifluoromethane
Concen: 20.010 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 85 Resp: 66192

Ion	Ratio	Lower	Upper
85	100		
87	34.8	16.4	49.1

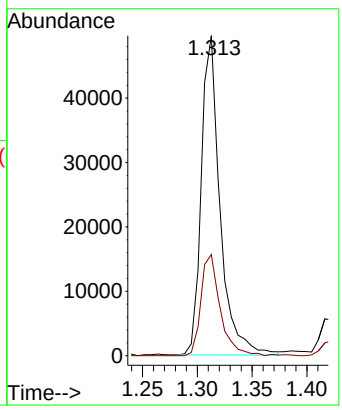




#3
Chloromethane
Concen: 19.810 ug/l
RT: 1.313 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 50 Resp: 5895

Ion	Ratio	Lower	Upper
50	100		
52	31.7	27.0	40.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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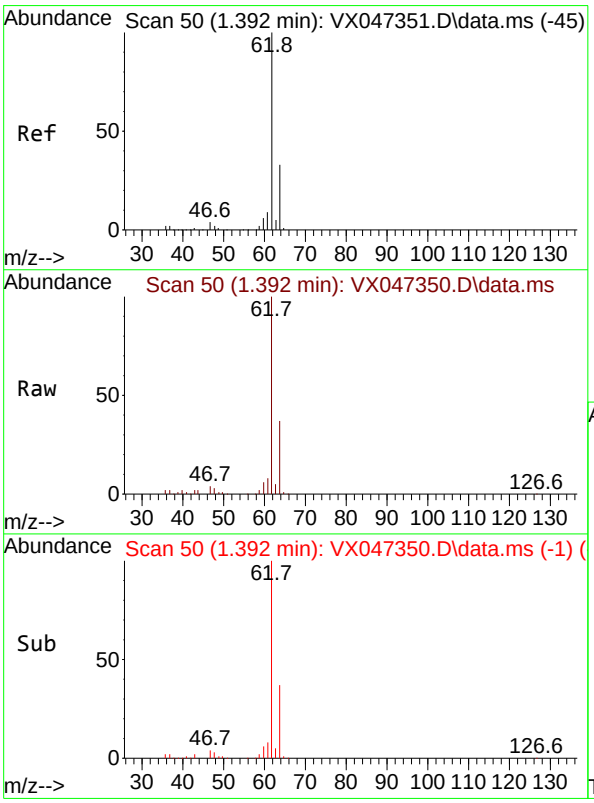
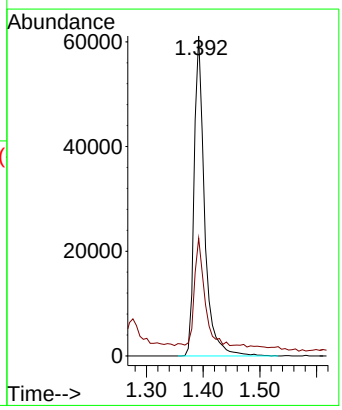
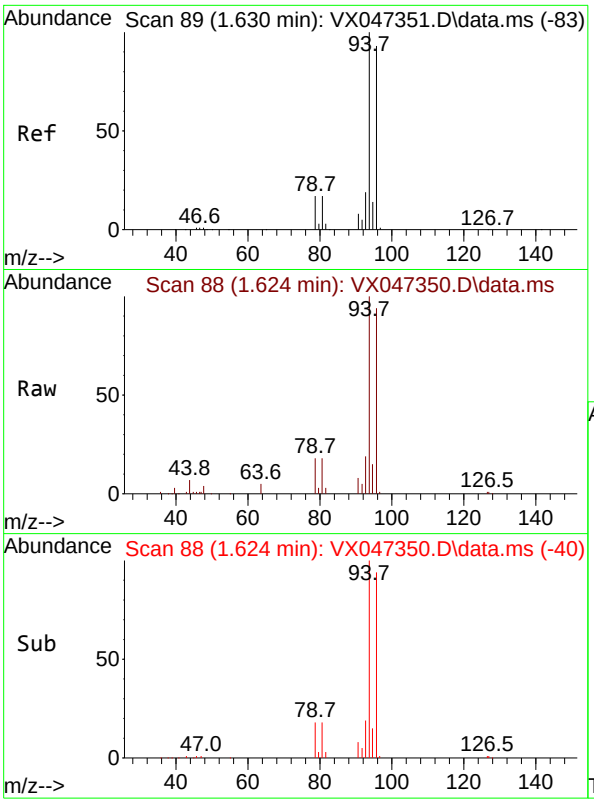


#4
Vinyl Chloride
Concen: 20.874 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 62 Resp: 77968

Ion	Ratio	Lower	Upper
62	100		
64	33.9	26.5	39.7





#5
Bromomethane
Concen: 20.389 ug/l
RT: 1.624 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 94 Resp: 3076

Ion	Ratio	Lower	Upper
94	100		
96	83.2	74.7	112.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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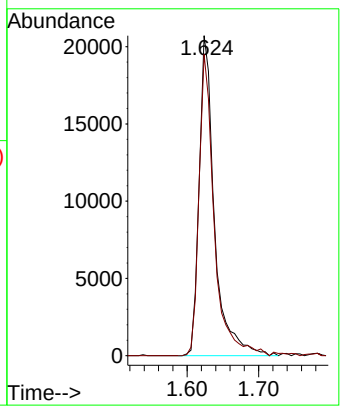
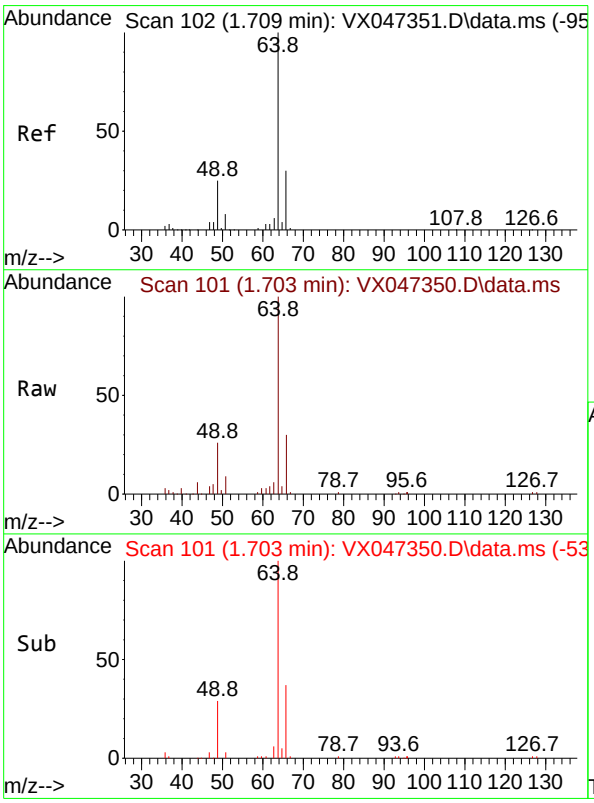
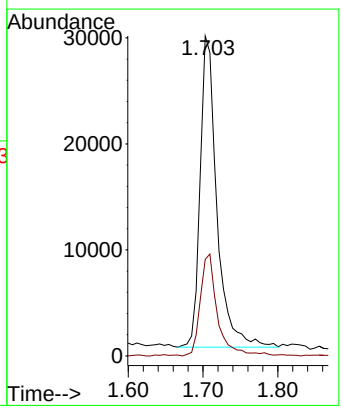


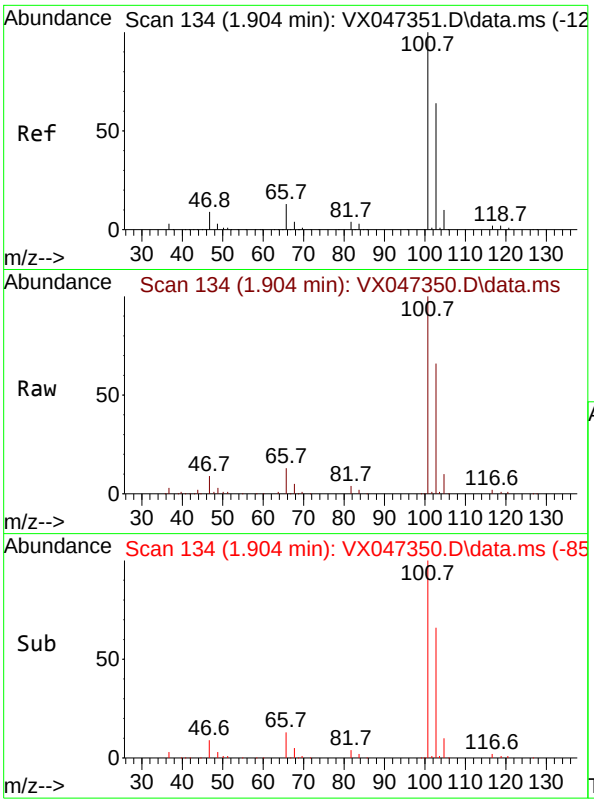


#6
Chloroethane
Concen: 19.979 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.006 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 64 Resp: 45658

Ion	Ratio	Lower	Upper
64	100		
66	30.7	24.4	36.6

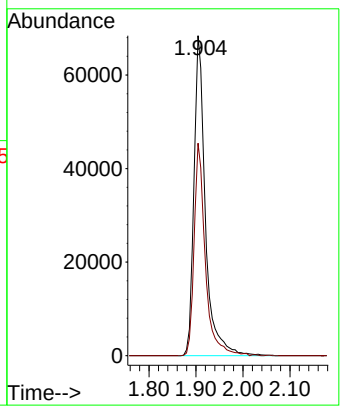




#7
Trichlorofluoromethane
Concen: 21.062 ug/l
RT: 1.904 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion:101 Resp: 11636

Ion	Ratio	Lower	Upper
101	100		
103	66.4	50.9	76.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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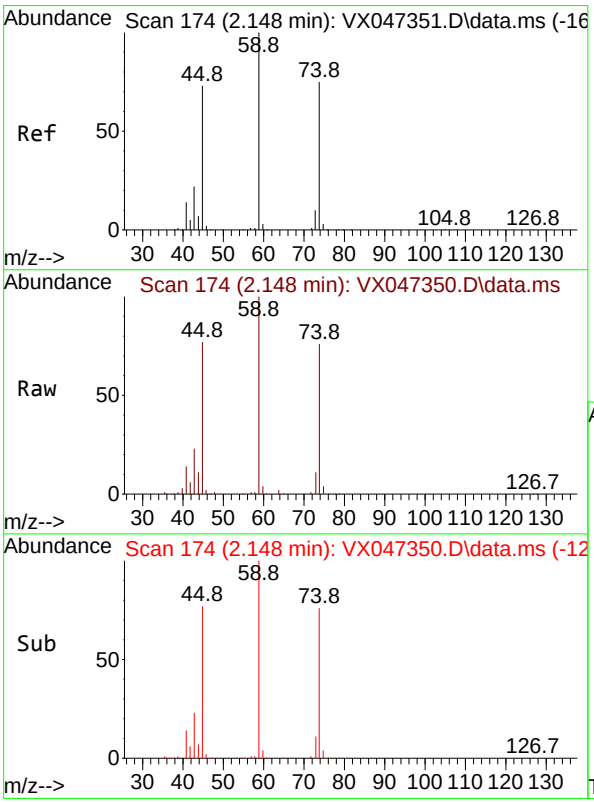
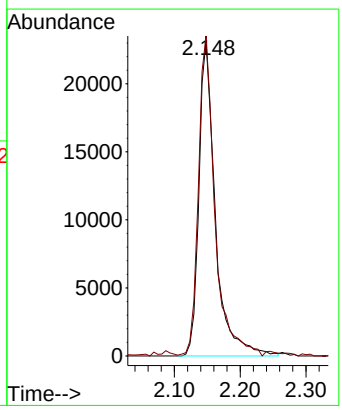
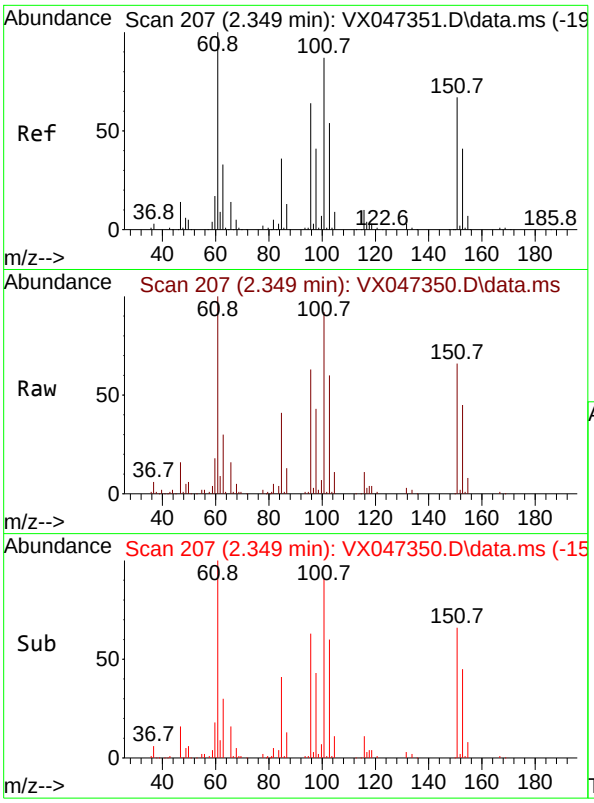


#8
Diethyl Ether
Concen: 20.629 ug/l
RT: 2.148 min Scan# 174
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 74 Resp: 40131

Ion	Ratio	Lower	Upper
74	100		
45	102.2	51.3	154.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.495 ug/l
RT: 2.349 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion:101 Resp: 6888

Ion	Ratio	Lower	Upper
101	100		
85	42.6	34.3	51.5
151	74.0	59.2	88.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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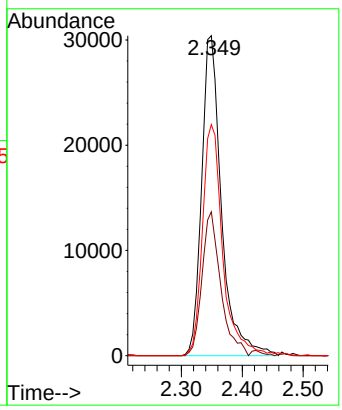
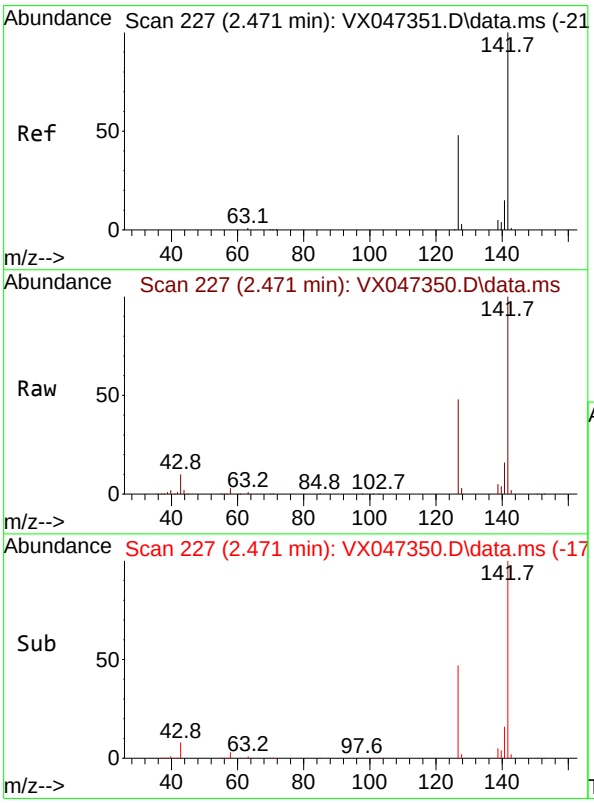
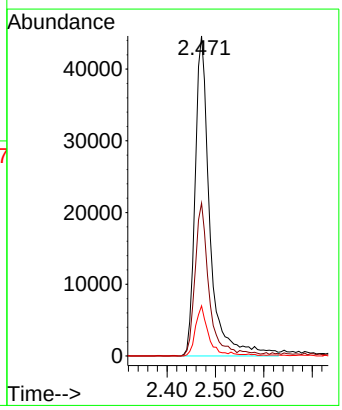


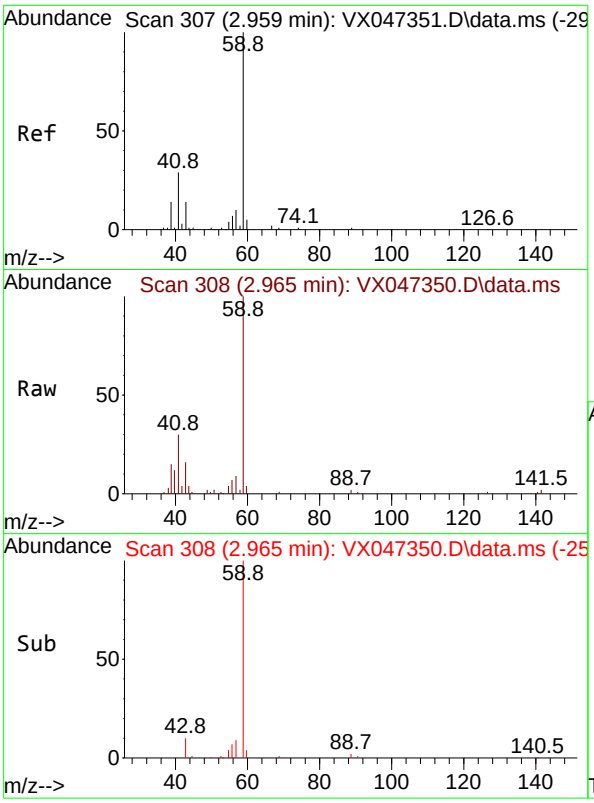


#10
Methyl Iodide
Concen: 17.244 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion:142 Resp: 94708

Ion	Ratio	Lower	Upper
142	100		
127	44.2	36.1	54.1
141	13.3	11.1	16.7

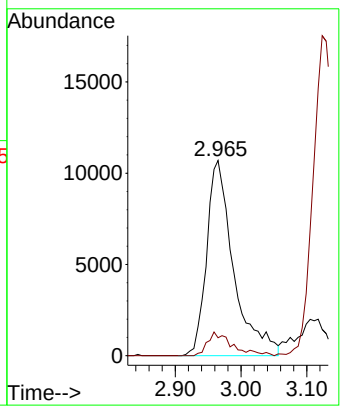




#11
Tert butyl alcohol
Concen: 96.445 ug/l
RT: 2.965 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 59 Resp: 3047

Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.3	12.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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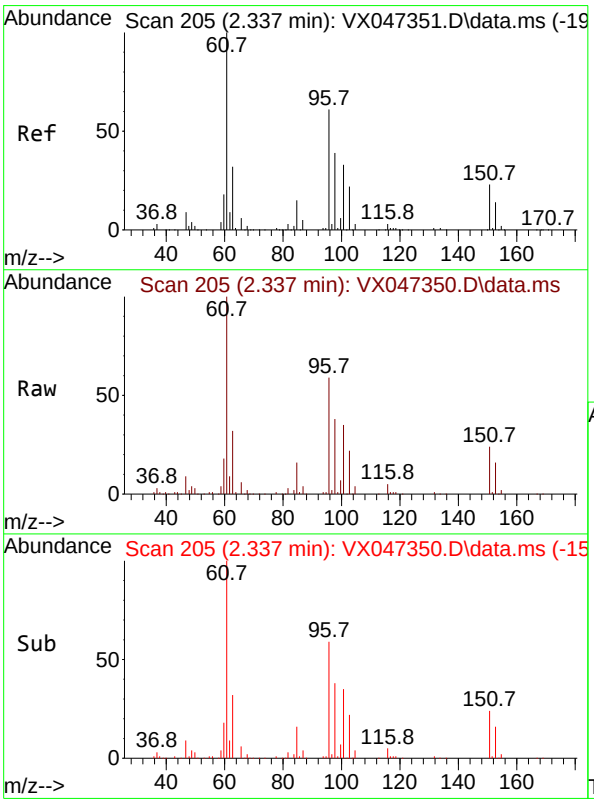
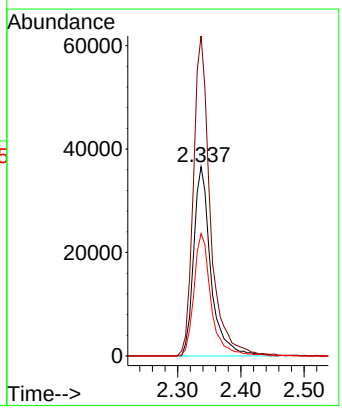
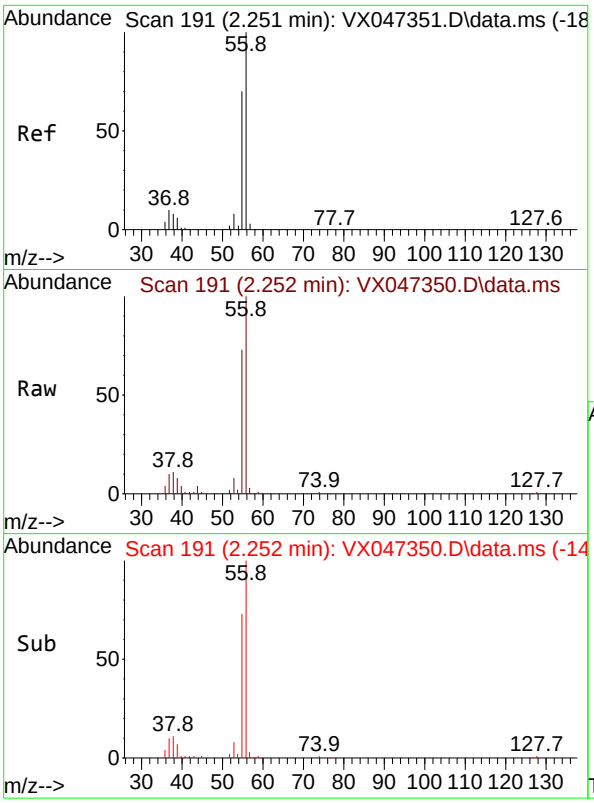


#12
1,1-Dichloroethene
Concen: 21.110 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 96 Resp: 68973

Ion	Ratio	Lower	Upper
96	100		
61	168.6	132.2	198.2
98	64.7	51.2	76.8

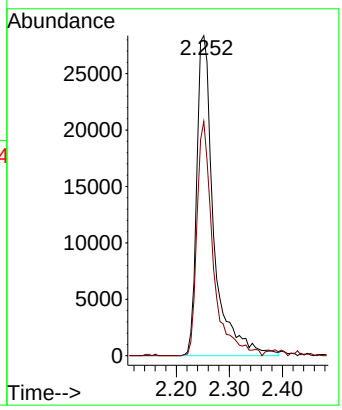




#13
Acrolein
Concen: 94.809 ug/l
RT: 2.252 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 56 Resp: 6323

Ion	Ratio	Lower	Upper
56	100		
55	69.1	55.5	83.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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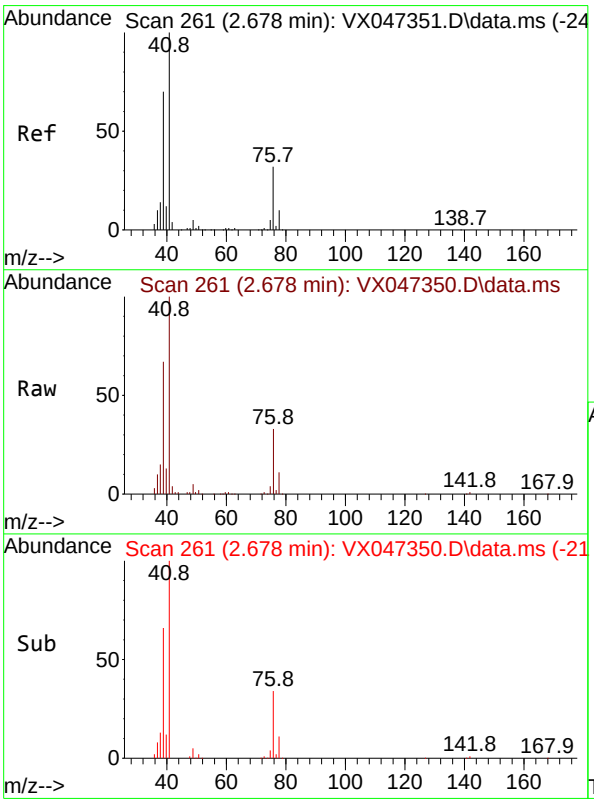
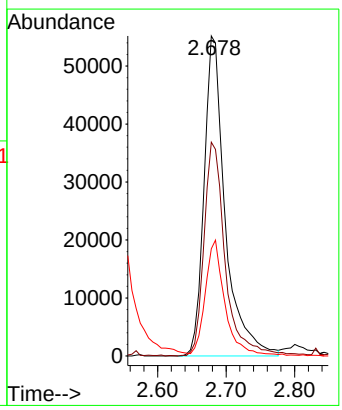
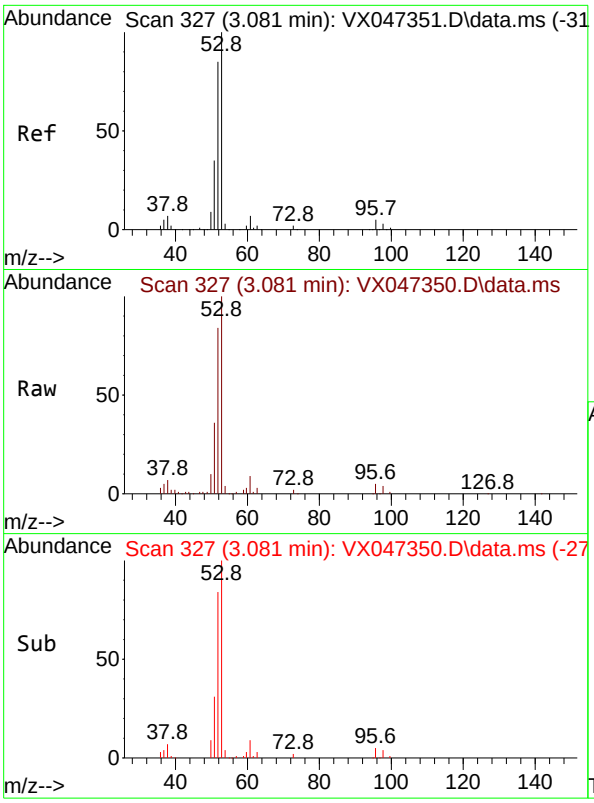


#14
Allyl chloride
Concen: 20.902 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 41 Resp: 118613

Ion	Ratio	Lower	Upper
41	100		
39	67.2	54.6	81.8
76	33.4	27.6	41.4

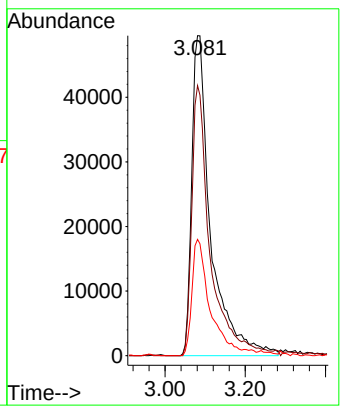




#15
Acrylonitrile
Concen: 106.830 ug/l
RT: 3.081 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 53 Resp: 16309

Ion	Ratio	Lower	Upper
53	100		
52	81.2	65.8	98.6
51	35.4	28.2	42.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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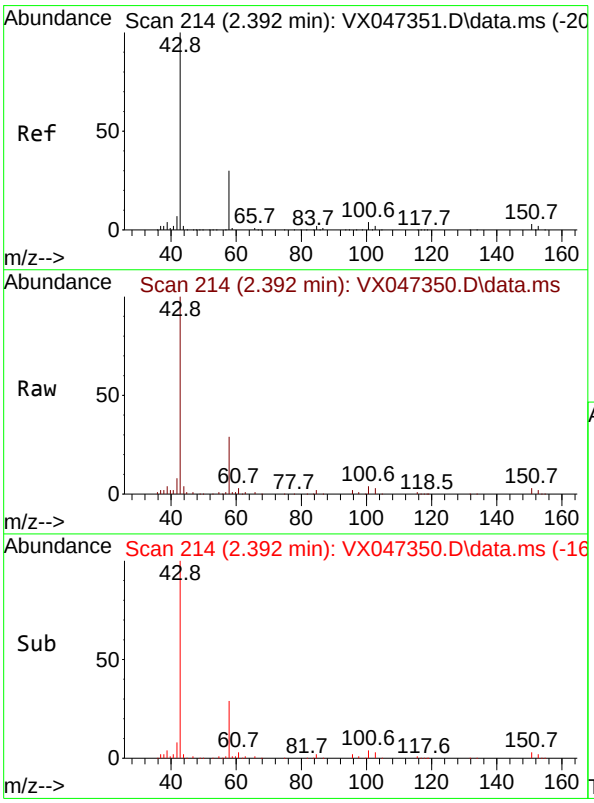
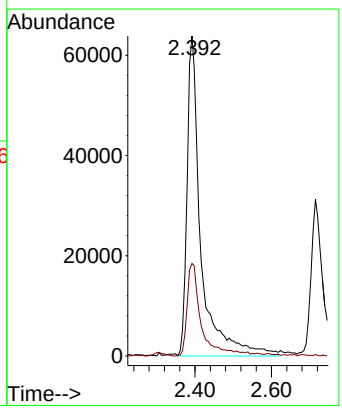
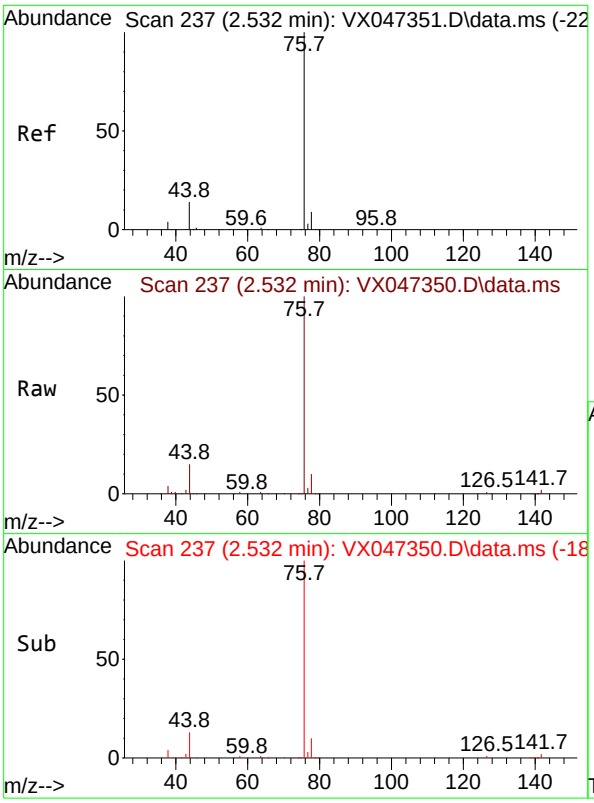


#16
Acetone
Concen: 117.954 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 43 Resp: 161019

Ion	Ratio	Lower	Upper
43	100		
58	28.5	24.8	37.2





#17
Carbon Disulfide
Concen: 20.167 ug/l
RT: 2.532 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 76 Resp: 19883

Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.2	10.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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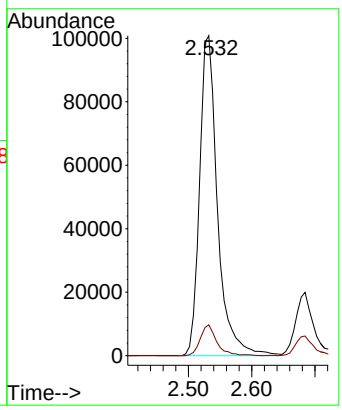
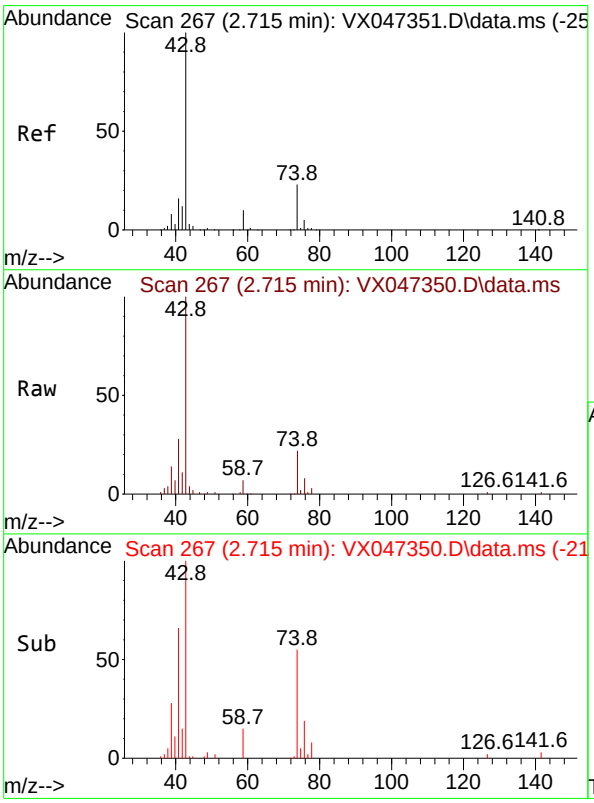
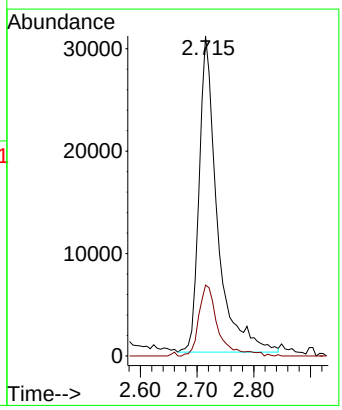


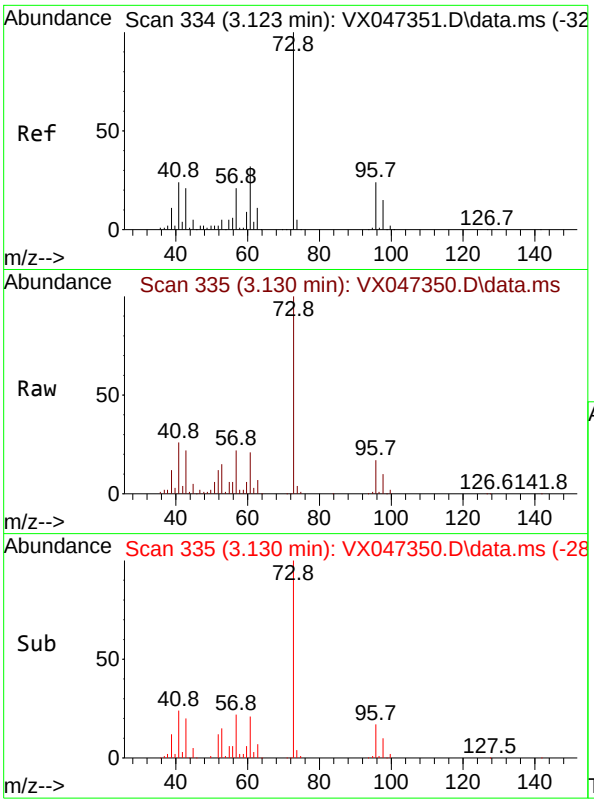


#18
Methyl Acetate
Concen: 19.410 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 43 Resp: 68662

Ion	Ratio	Lower	Upper
43	100		
74	23.7	18.4	27.6

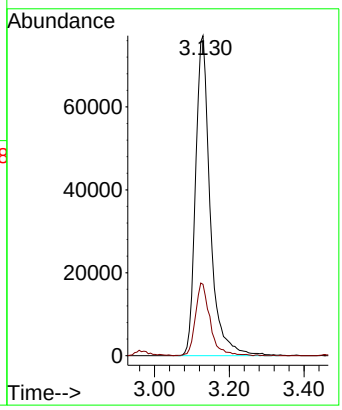




#19
Methyl tert-butyl Ether
Concen: 21.080 ug/l
RT: 3.130 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 73 Resp: 20952

Ion	Ratio	Lower	Upper
73	100		
57	22.3	17.0	25.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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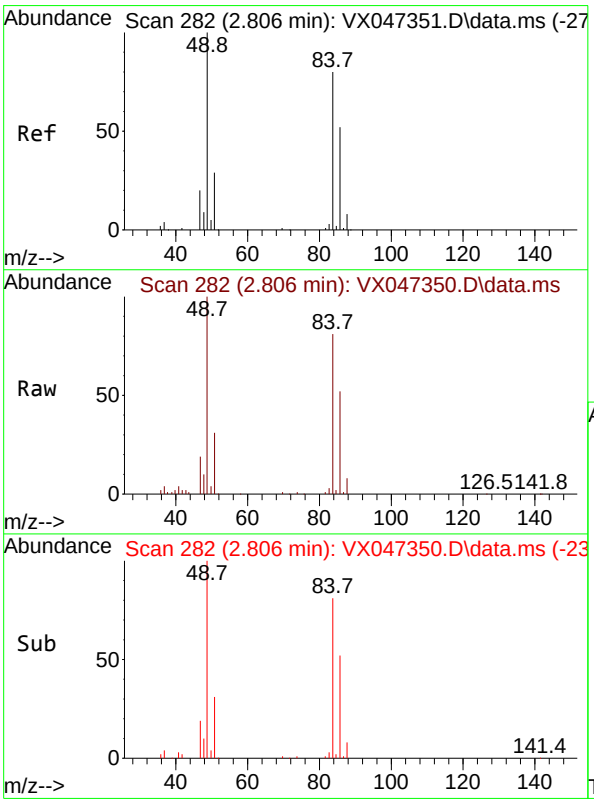
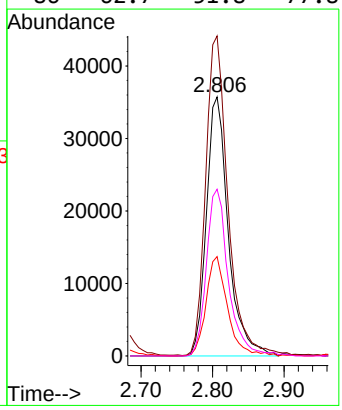
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

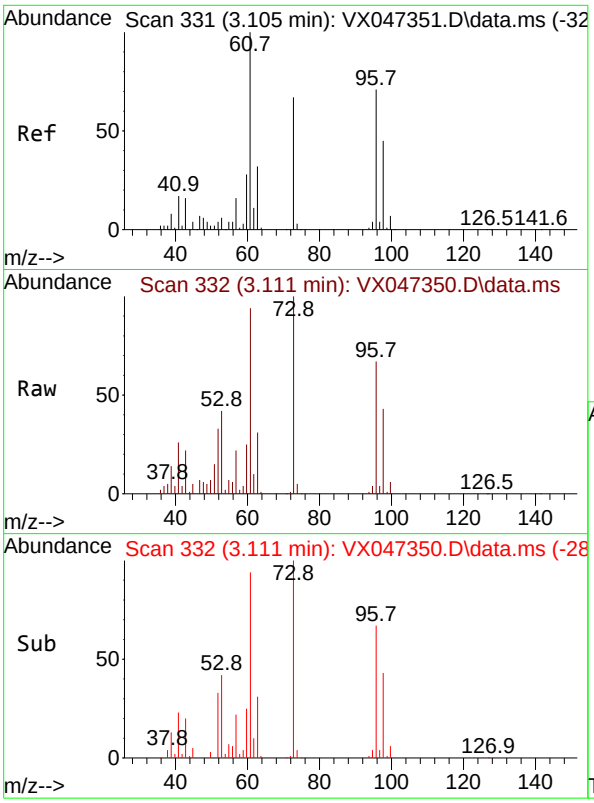


#20
Methylene Chloride
Concen: 21.033 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 84 Resp: 76029

Ion	Ratio	Lower	Upper
84	100		
49	120.0	100.1	150.1
51	37.4	29.5	44.3
86	62.7	51.8	77.8

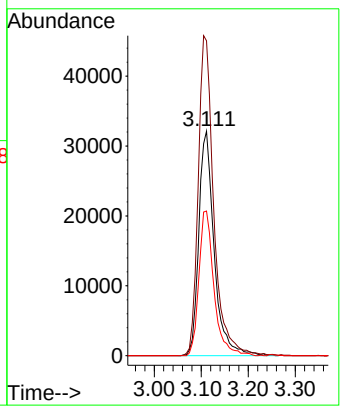




#21
trans-1,2-Dichloroethene
Concen: 21.110 ug/l
RT: 3.111 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 96 Resp: 7320

Ion	Ratio	Lower	Upper
96	100		
61	140.3	112.6	169.0
98	64.4	50.9	76.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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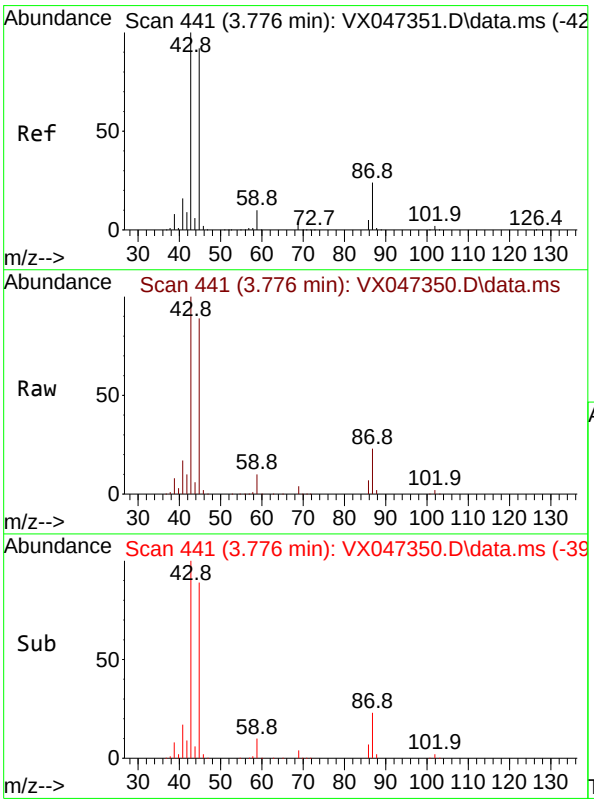
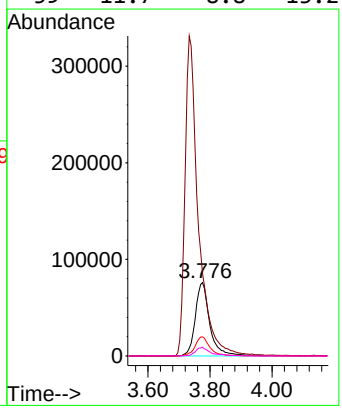
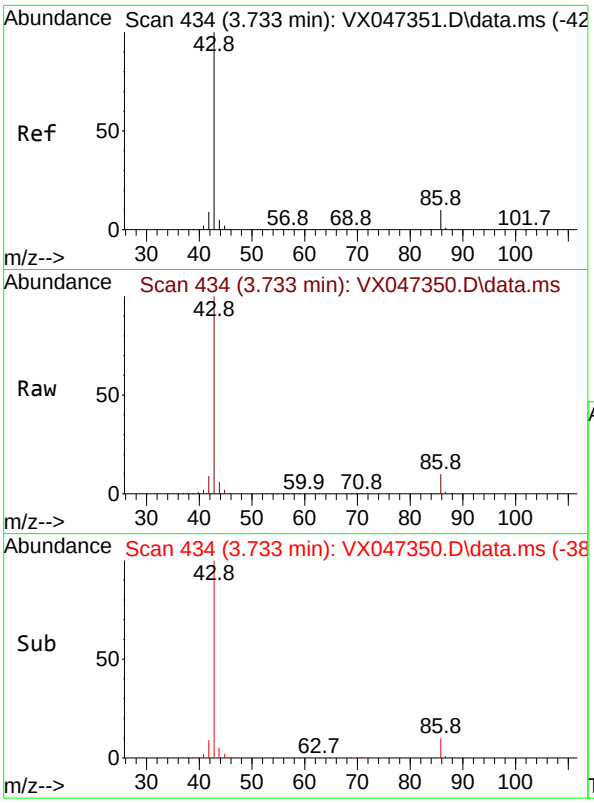


#22
Diisopropyl ether
Concen: 21.949 ug/l
RT: 3.776 min Scan# 441
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 45 Resp: 246210

Ion	Ratio	Lower	Upper
45	100		
43	111.5	86.8	130.2
87	26.0	20.4	30.6
59	11.7	8.8	13.2





#23
Vinyl Acetate
Concen: 108.348 ug/l
RT: 3.733 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 43 Resp: 99617

Ion	Ratio	Lower	Upper
43	100		
86	10.8	7.9	11.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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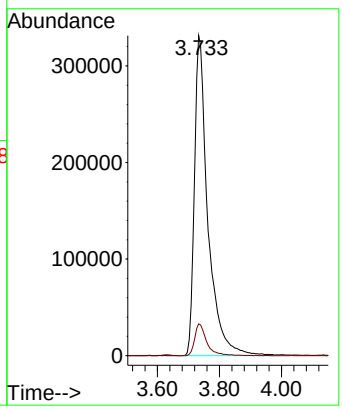
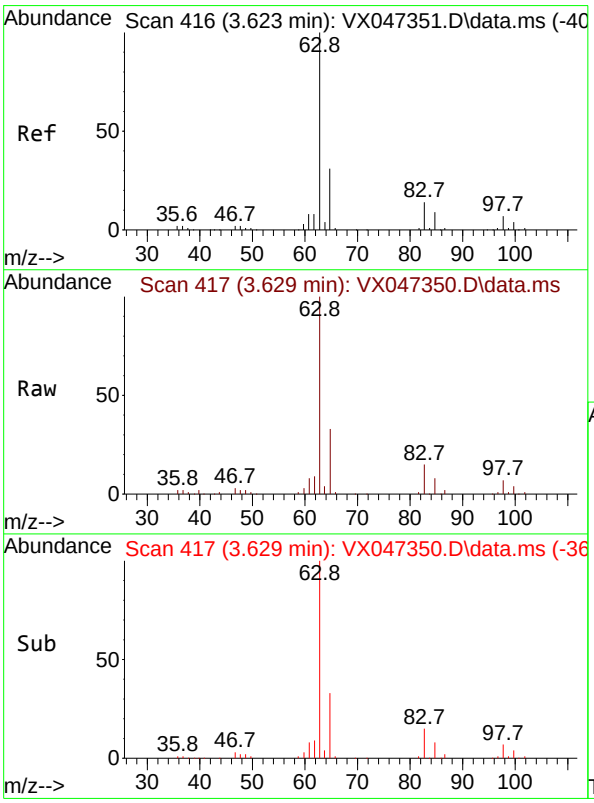
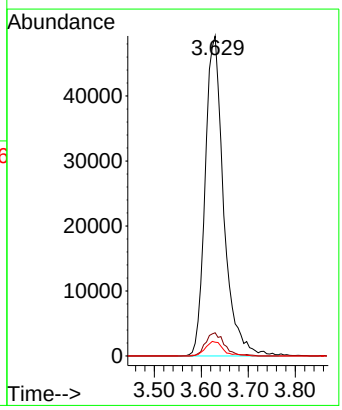


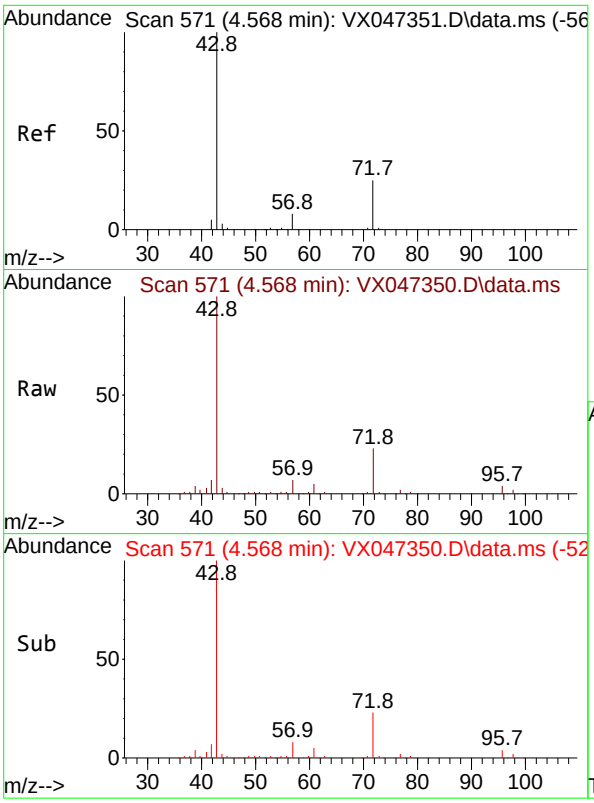


#24
1,1-Dichloroethane
Concen: 21.177 ug/l
RT: 3.629 min Scan# 417
Delta R.T. 0.006 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 63 Resp: 134271

Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.3	9.9
100	4.5	2.1	6.3





#25
2-Butanone
Concen: 109.614 ug/l
RT: 4.568 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 43 Resp: 19597

Ion	Ratio	Lower	Upper
43	100		
72	22.7	19.8	29.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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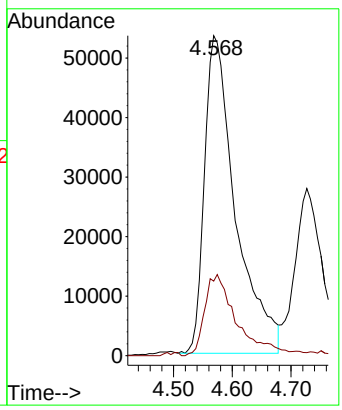
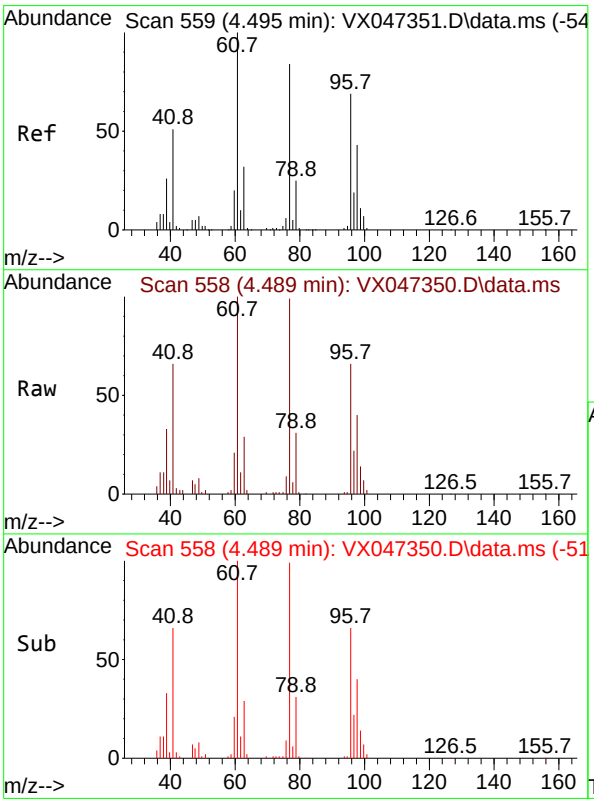
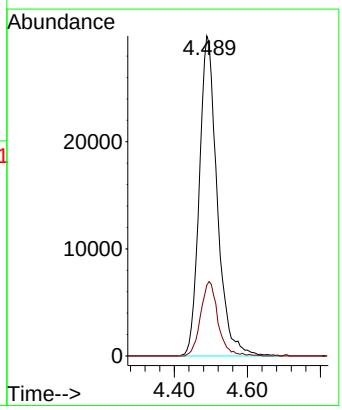


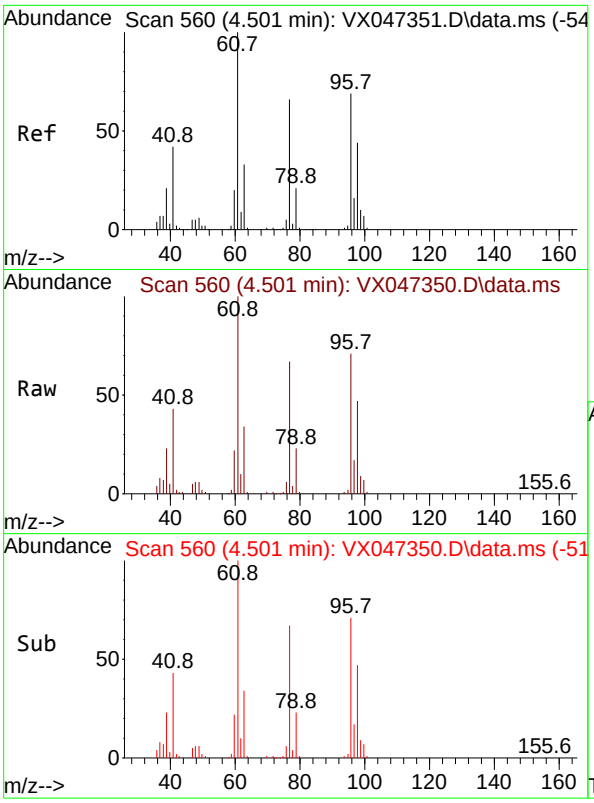


#26
2,2-Dichloropropane
Concen: 21.177 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 77 Resp: 101341

Ion	Ratio	Lower	Upper
77	100		
97	22.5	11.4	34.1





#27
cis-1,2-Dichloroethene
Concen: 21.217 ug/l
RT: 4.501 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 96 Resp: 8569

Ion	Ratio	Lower	Upper
96	100		
61	145.8	0.0	296.6
98	64.8	0.0	130.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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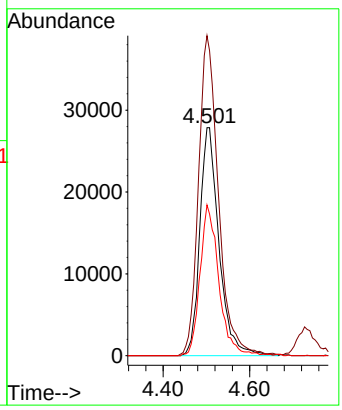
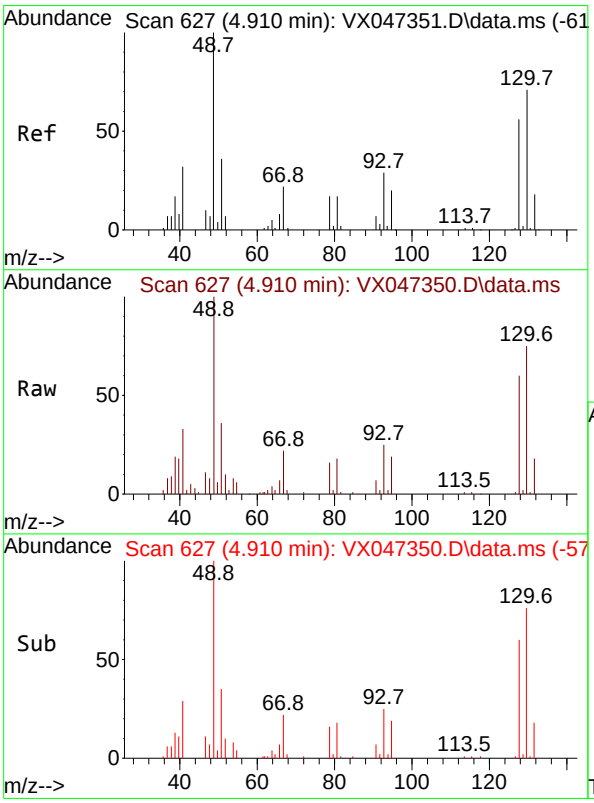
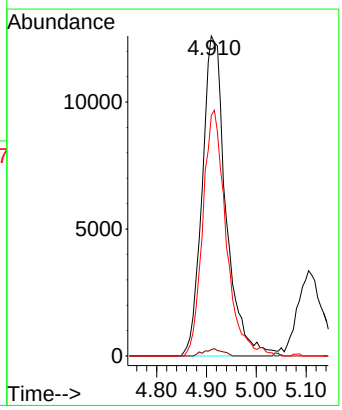


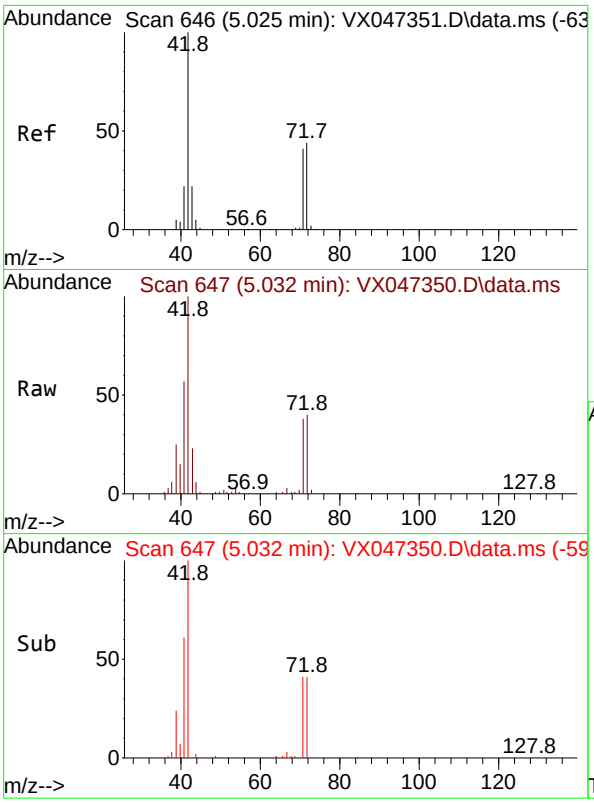


#28
Bromochloromethane
Concen: 15.812 ug/l
RT: 4.910 min Scan# 627
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 49 Resp: 41717

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.0
130	74.3	59.8	89.6





#29
Tetrahydrofuran
Concen: 102.002 ug/l
RT: 5.032 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 42 Resp: 11786

Ion	Ratio	Lower	Upper
42	100		
72	40.0	34.6	51.8
71	40.9	32.6	49.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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Reviewed By :John Carlone 08/18/2025
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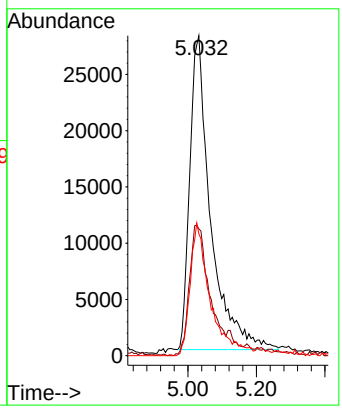
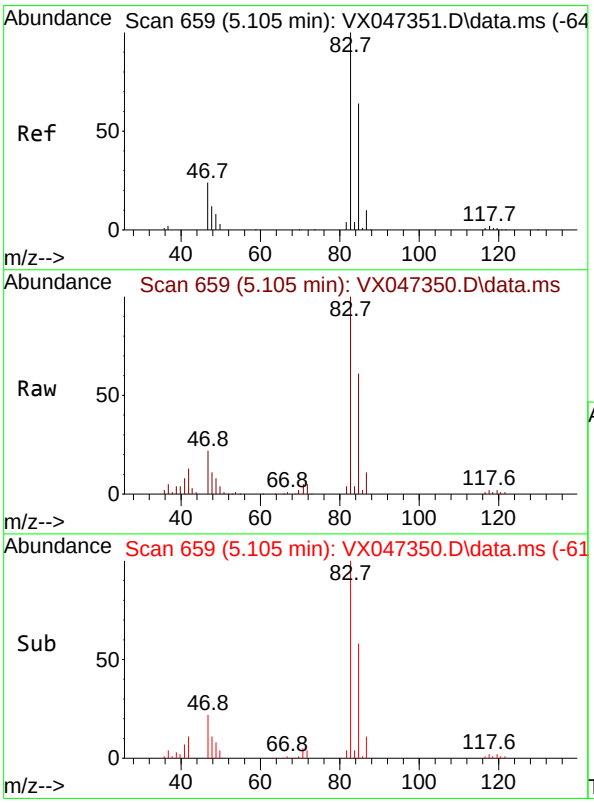
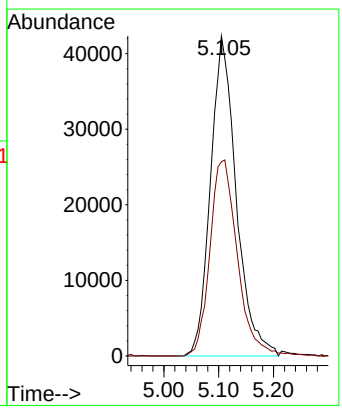


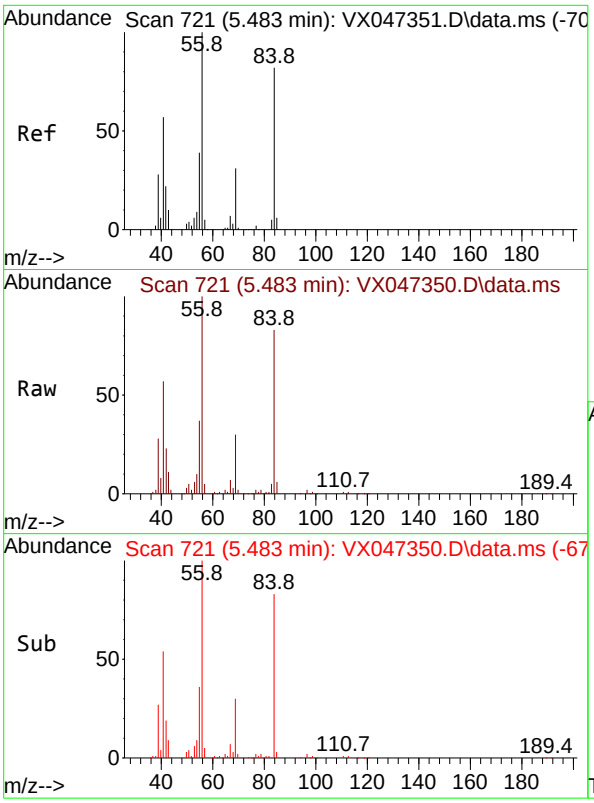


#30
Chloroform
Concen: 21.309 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 83 Resp: 137885

Ion	Ratio	Lower	Upper
83	100		
85	60.7	51.2	76.8

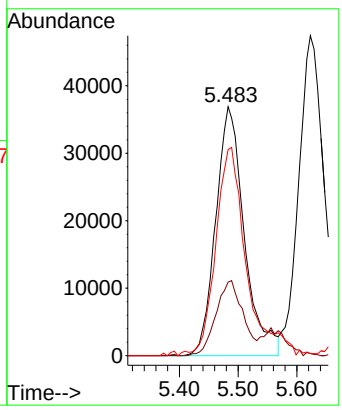




#31
Cyclohexane
Concen: 21.348 ug/l
RT: 5.483 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 56 Resp: 12477

Ion	Ratio	Lower	Upper
56	100		
69	28.8	24.3	36.5
84	82.8	65.3	97.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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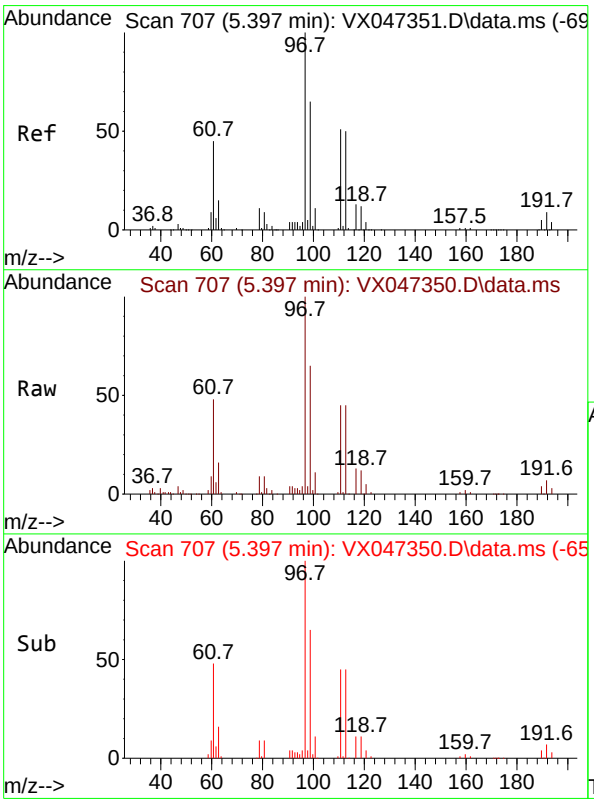
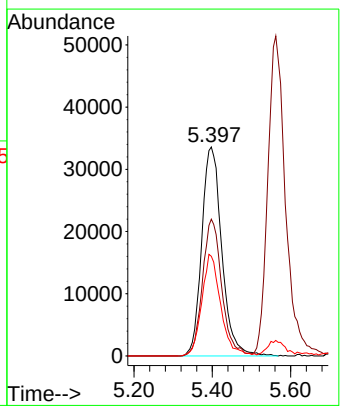
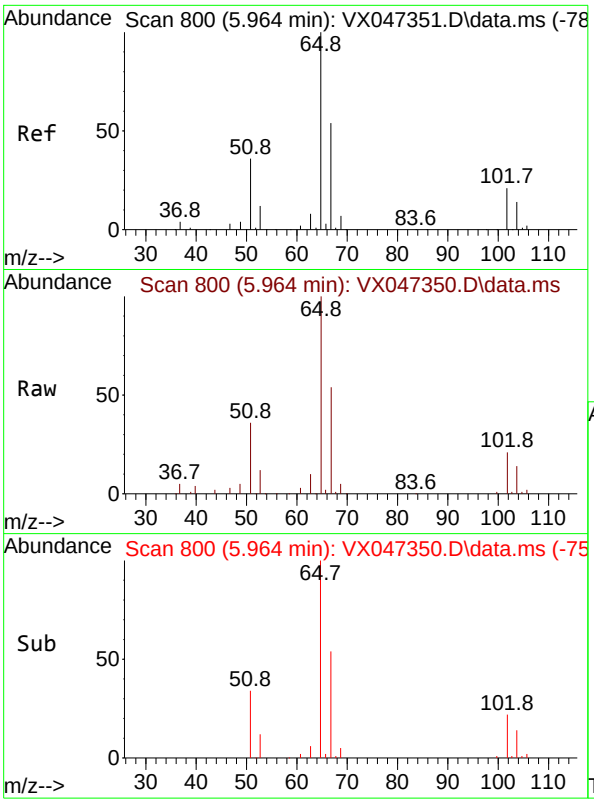


#32
1,1,1-Trichloroethane
Concen: 21.445 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 97 Resp: 119441

Ion	Ratio	Lower	Upper
97	100		
99	62.5	51.4	77.0
61	46.0	35.7	53.5





#33
1,2-Dichloroethane-d4
Concen: 16.601 ug/l
RT: 5.964 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 65 Resp: 6029

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	106.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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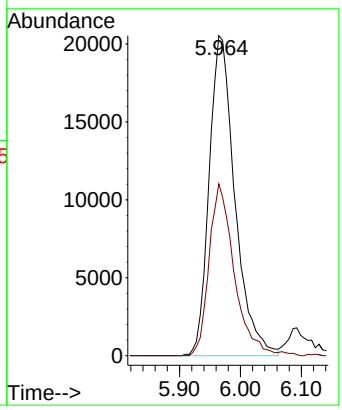
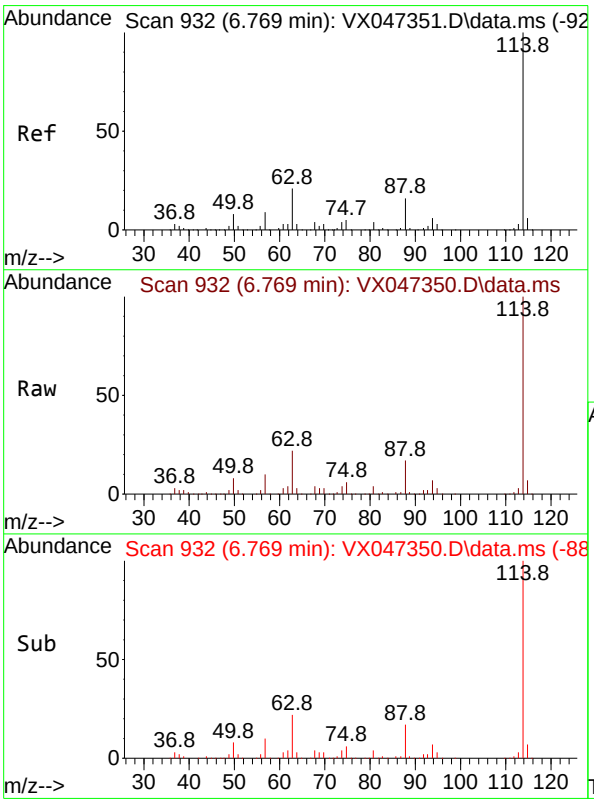
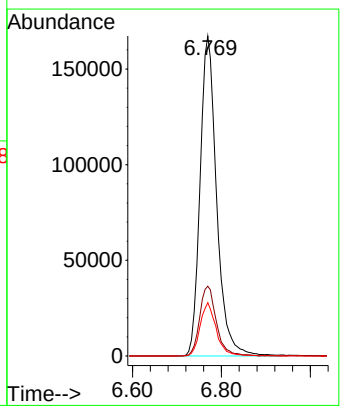


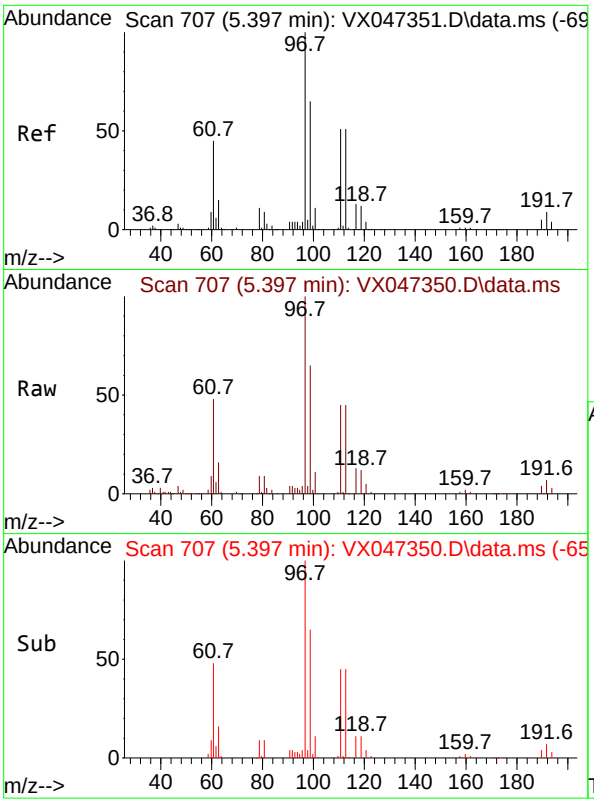


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion:114 Resp: 434596

Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	42.4
88	16.7	0.0	33.0





#35
Dibromofluoromethane
Concen: 17.153 ug/l
RT: 5.397 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion:113 Resp: 4838

Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.4	122.2
192	17.7	14.1	21.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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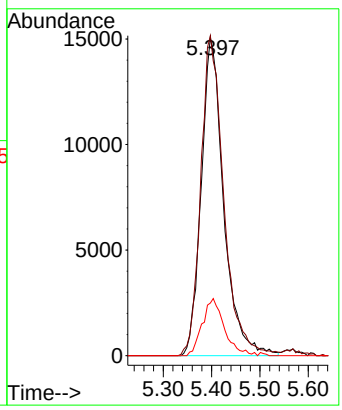
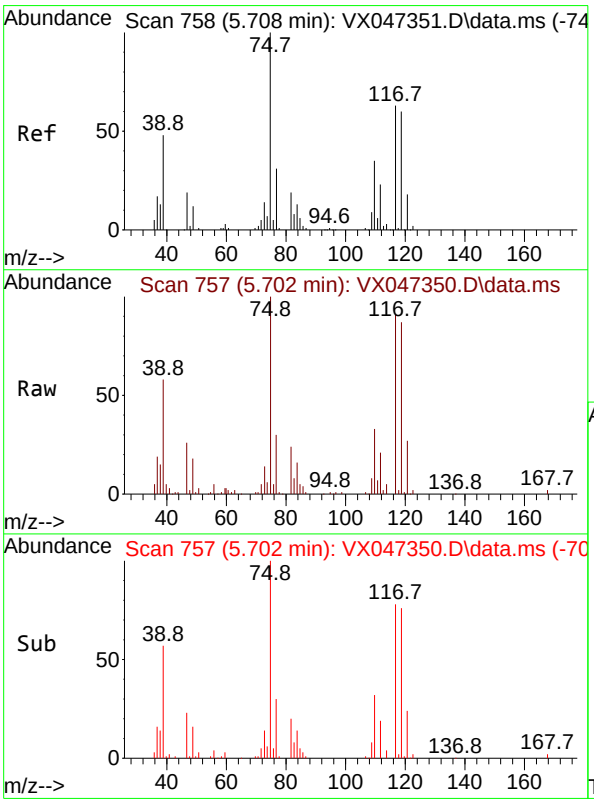
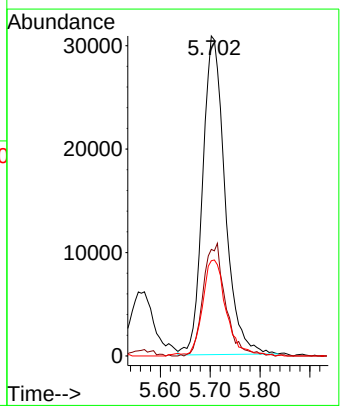


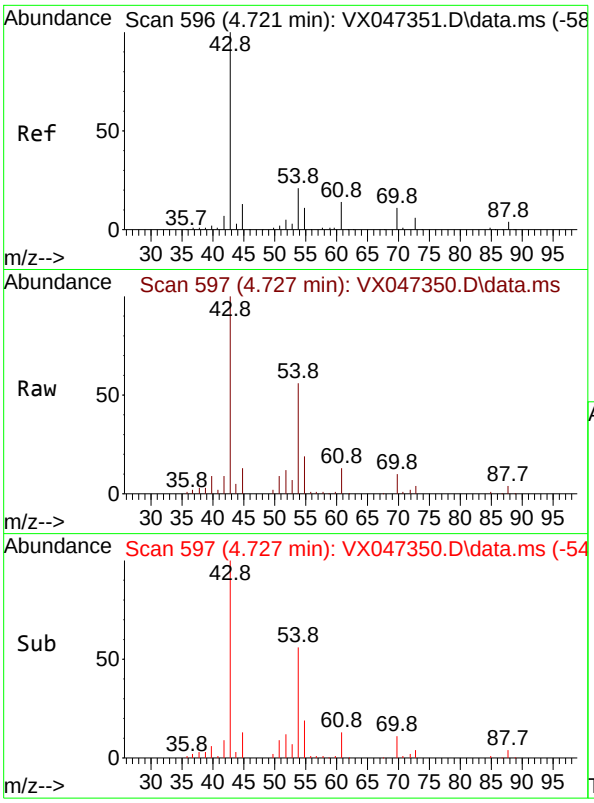


#36
1,1-Dichloropropene
Concen: 21.494 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.006 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 75 Resp: 95703

Ion	Ratio	Lower	Upper
75	100		
110	35.1	17.4	52.2
77	31.3	24.4	36.6

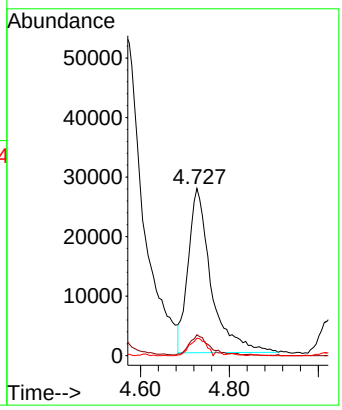




#37
Ethyl Acetate
Concen: 21.355 ug/l
RT: 4.727 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 43 Resp: 9870

Ion	Ratio	Lower	Upper
43	100		
61	10.0	9.4	14.2
70	7.7	7.0	10.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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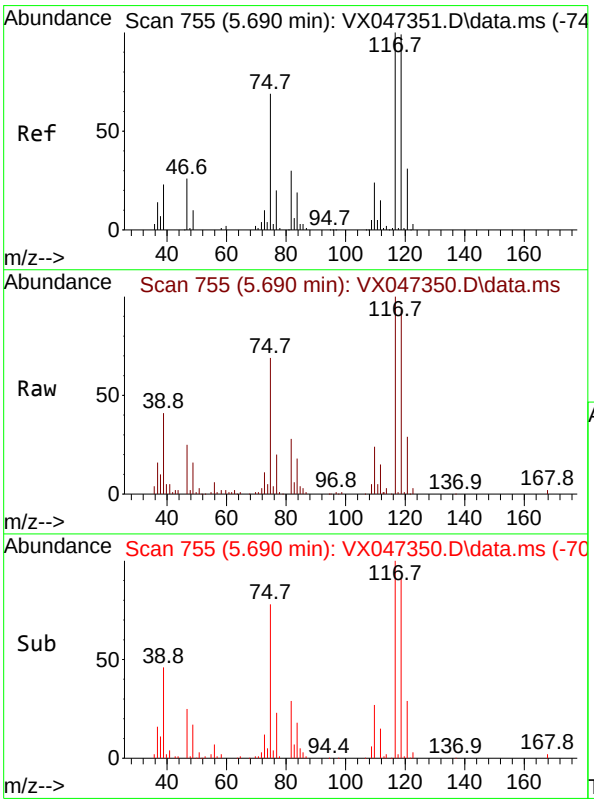
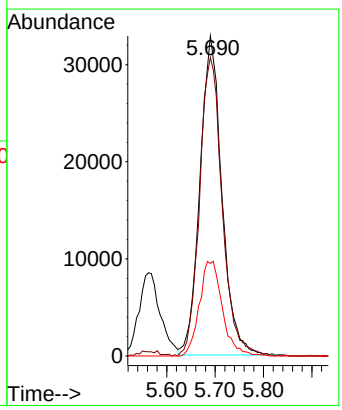
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

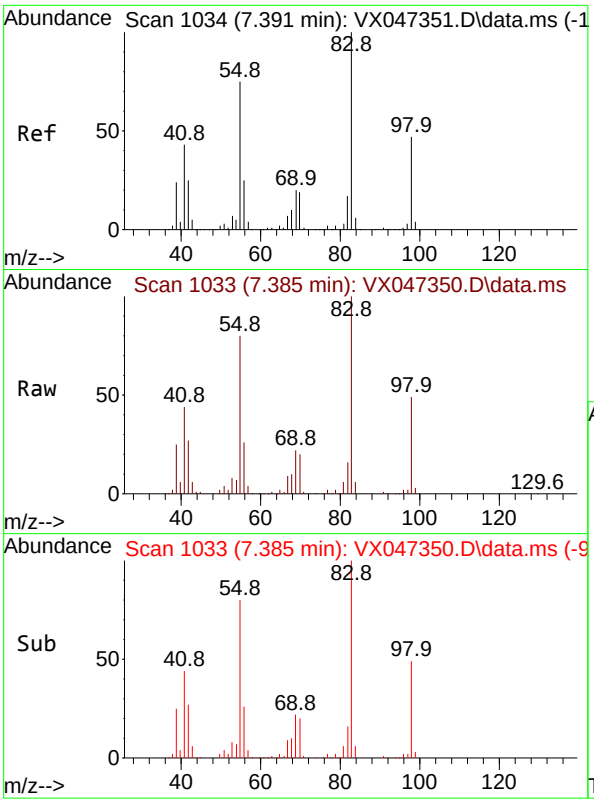


#38
Carbon Tetrachloride
Concen: 21.296 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion:117 Resp: 103616

Ion	Ratio	Lower	Upper
117	100		
119	93.6	78.5	117.7
121	29.0	24.7	37.1





#39
Methylcyclohexane
Concen: 21.051 ug/l
RT: 7.385 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 83 Resp: 11691

Ion	Ratio	Lower	Upper
83	100		
55	80.4	60.0	90.0
98	48.8	37.2	55.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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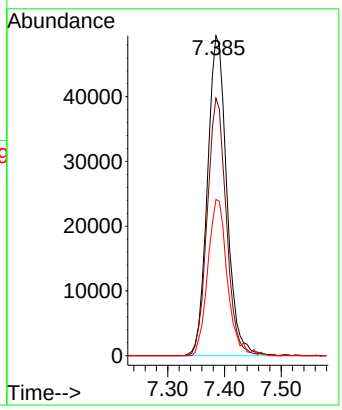
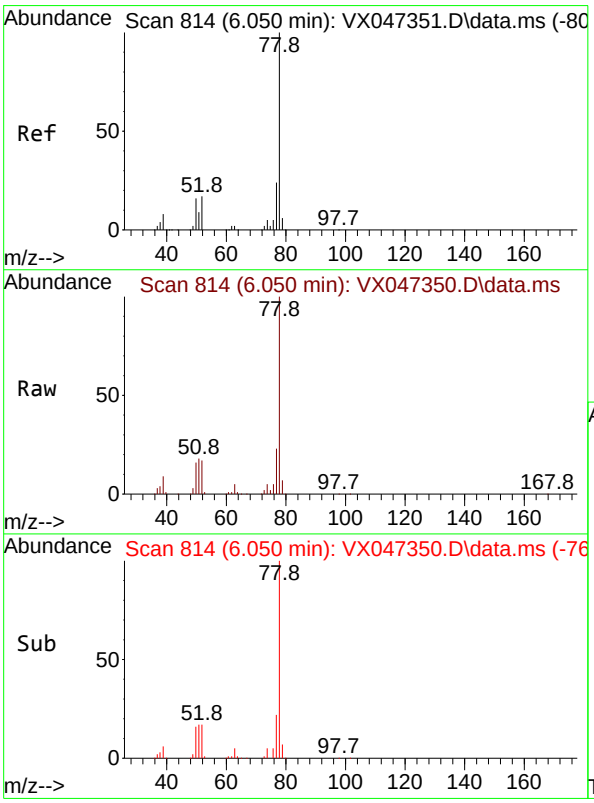
Supervised By :Mahesh Dadoda 08/19/2025

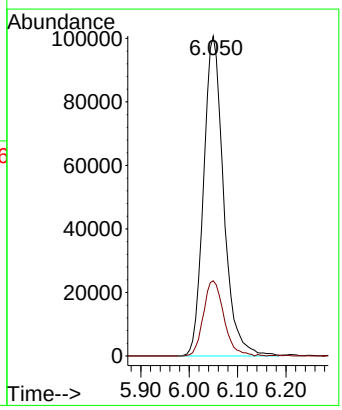


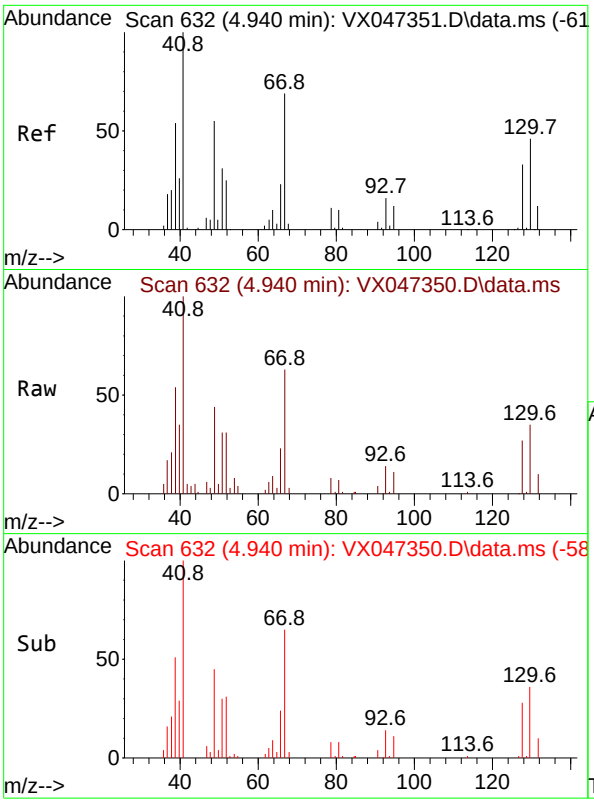


#40
Benzene
Concen: 21.716 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 78 Resp: 289406

Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.0	28.4

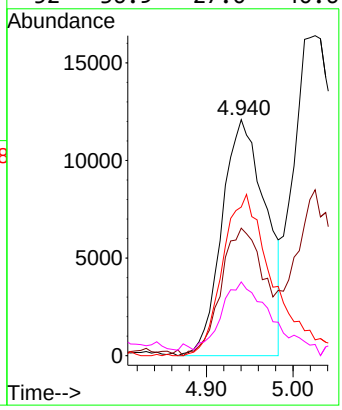




#41
Methacrylonitrile
Concen: 21.799 ug/l
RT: 4.940 min Scan# 6
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 41 Resp: 4249

Ion	Ratio	Lower	Upper
41	100		
39	51.9	45.4	68.2
67	78.9	64.0	96.0
52	36.9	27.0	40.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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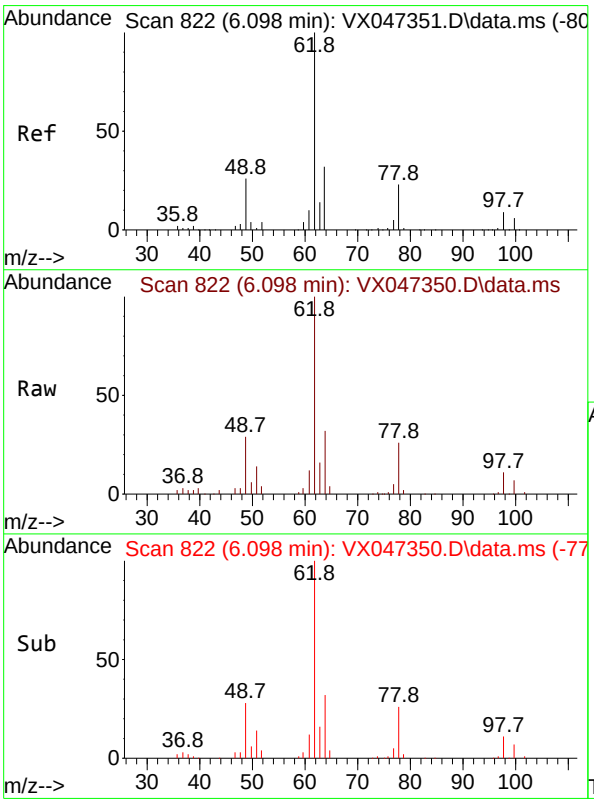
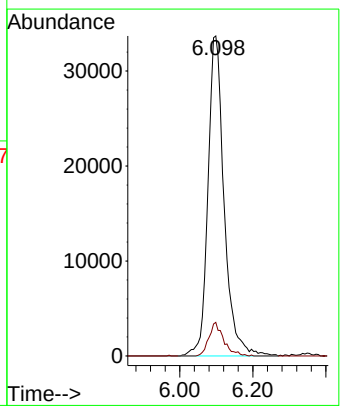
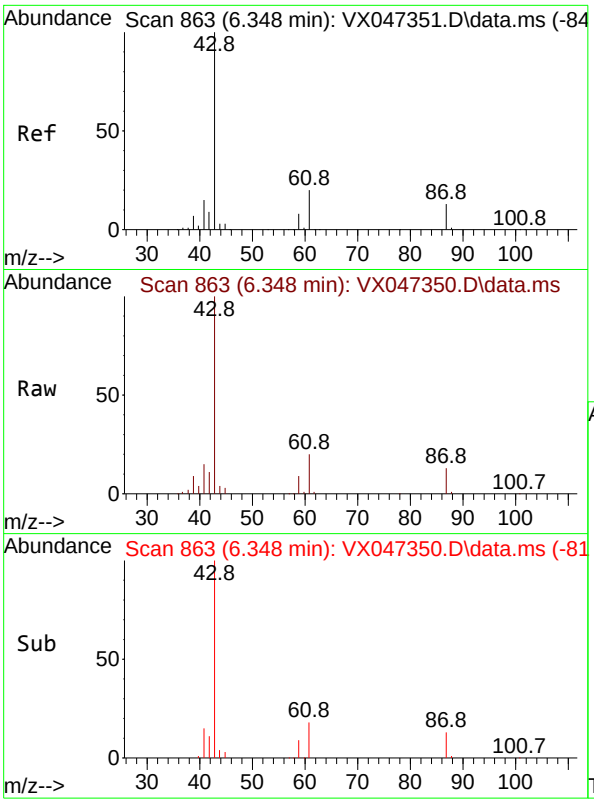


#42
1,2-Dichloroethane
Concen: 21.867 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 62 Resp: 103227

Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.0

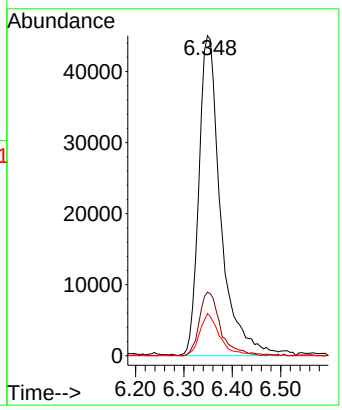




#43
Isopropyl Acetate
Concen: 21.243 ug/l
RT: 6.348 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 43 Resp: 14106

Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.4	23.0
87	12.0	10.2	15.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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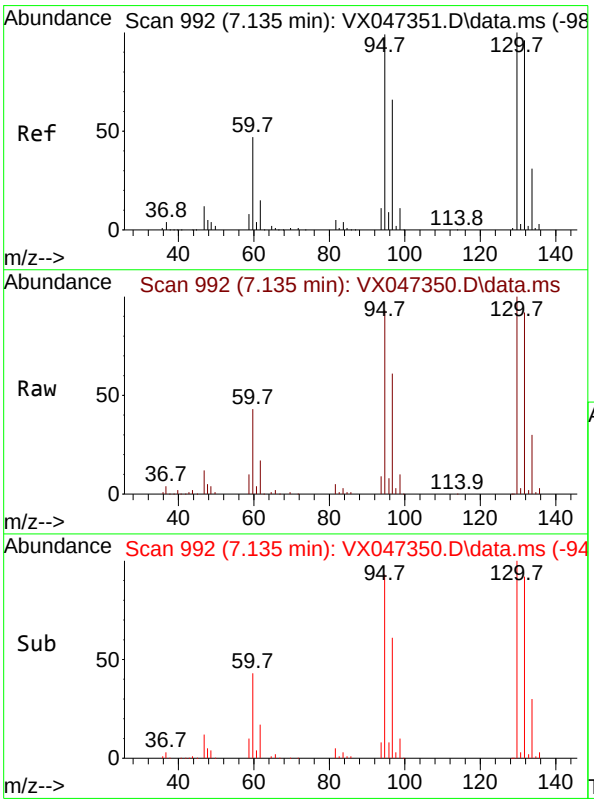
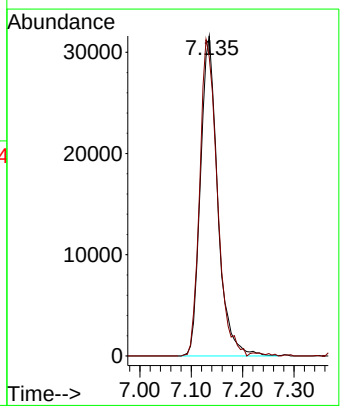
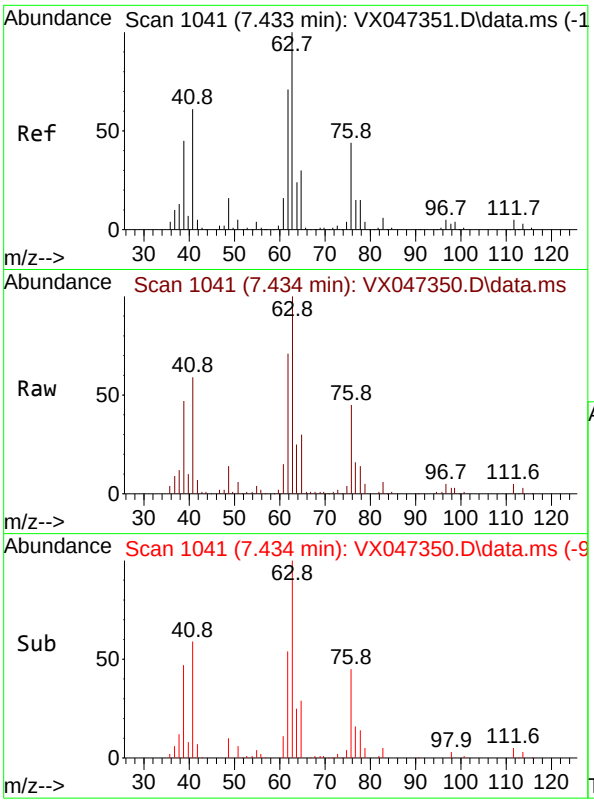


#44
Trichloroethene
Concen: 21.546 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion:130 Resp: 73526

Ion	Ratio	Lower	Upper
130	100		
95	93.5	0.0	198.6





#45
1,2-Dichloropropane
Concen: 21.601 ug/l
RT: 7.434 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 63 Resp: 7211

Ion	Ratio	Lower	Upper
63	100		
65	30.0	23.8	35.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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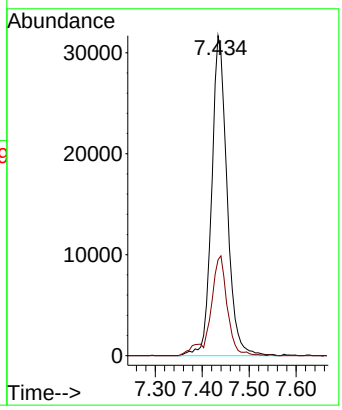
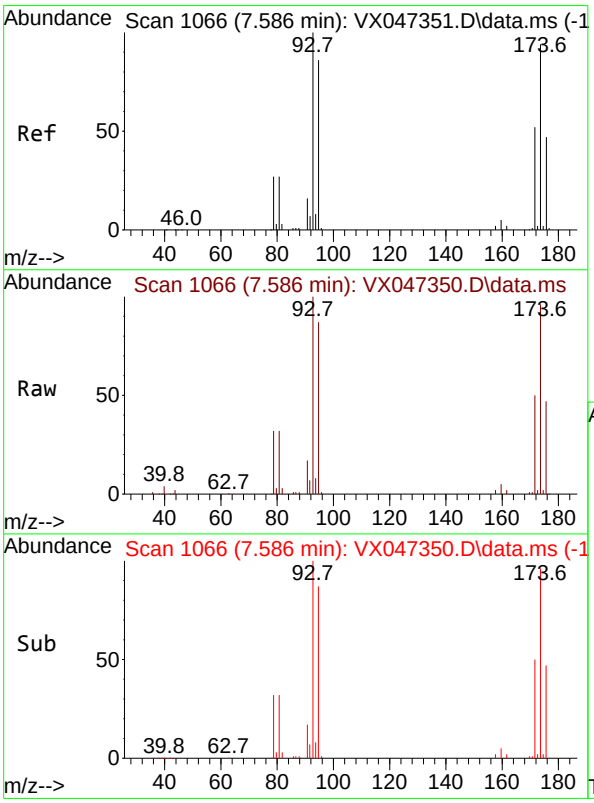
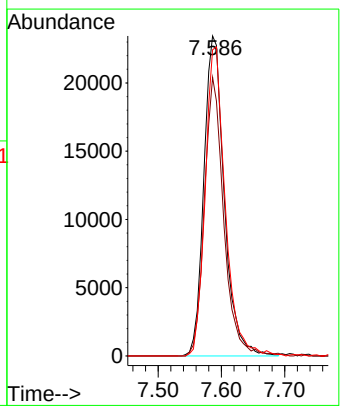


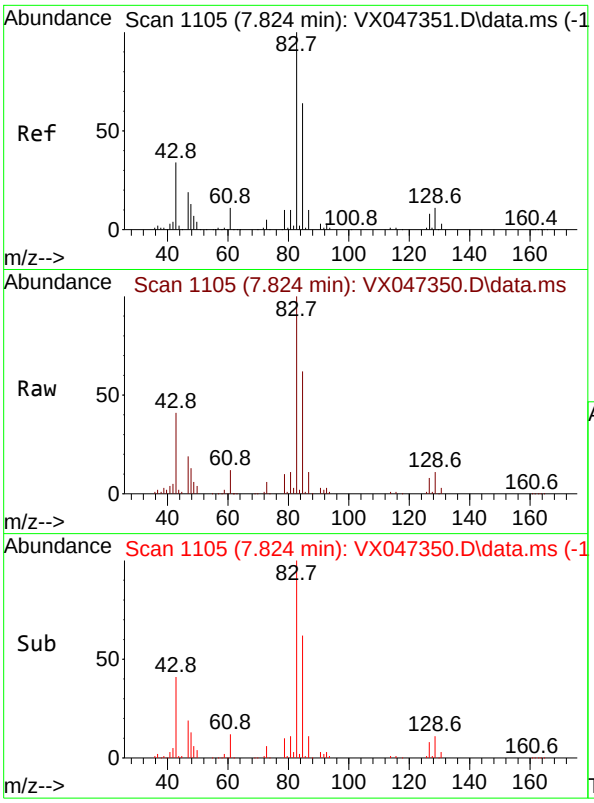


#46
Dibromomethane
Concen: 21.648 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 93 Resp: 52472

Ion	Ratio	Lower	Upper
93	100		
95	82.8	68.0	102.0
174	95.1	75.8	113.6

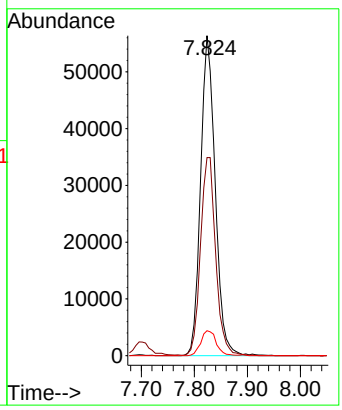




#47
Bromodichloromethane
Concen: 21.491 ug/l
RT: 7.824 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 83 Resp: 10799

Ion	Ratio	Lower	Upper
83	100		
85	62.7	51.0	76.6
127	7.8	7.0	10.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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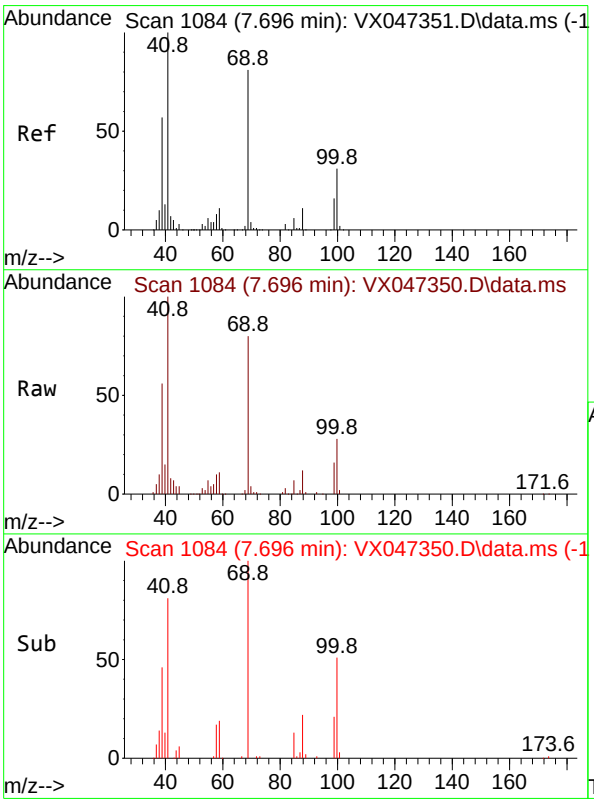
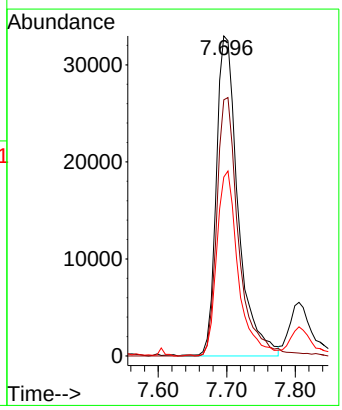
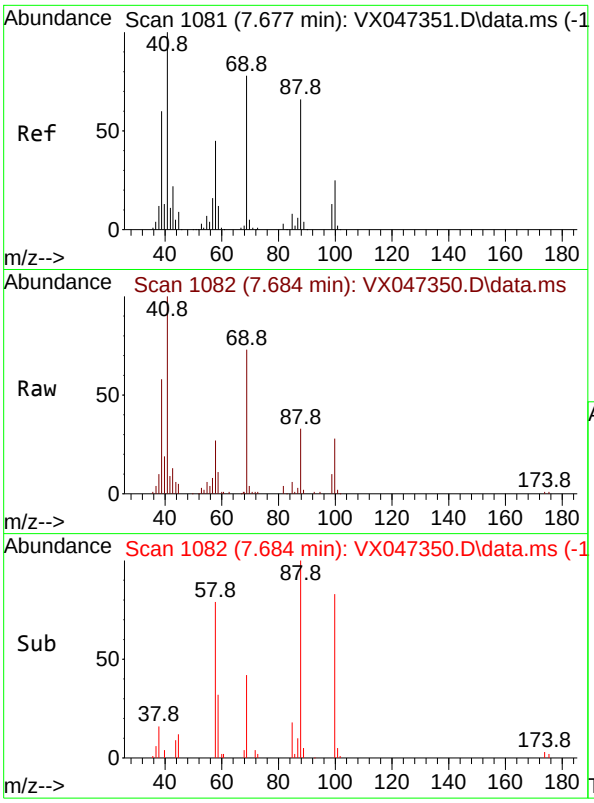


#48
Methyl methacrylate
Concen: 21.111 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 41 Resp: 72765

Ion	Ratio	Lower	Upper
41	100		
69	81.0	65.0	97.4
39	56.6	45.7	68.5





#49
1,4-Dioxane
Concen: 414.079 ug/l m
RT: 7.684 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 88 Resp: 1355

Ion	Ratio	Lower	Upper
88	100		
43	47.5	32.4	48.6
58	78.9	56.9	85.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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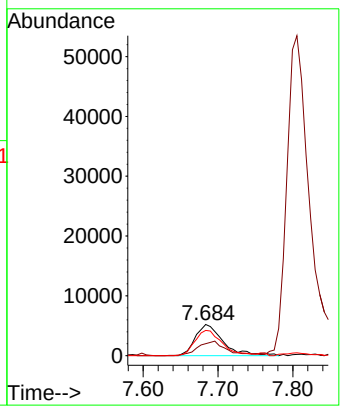
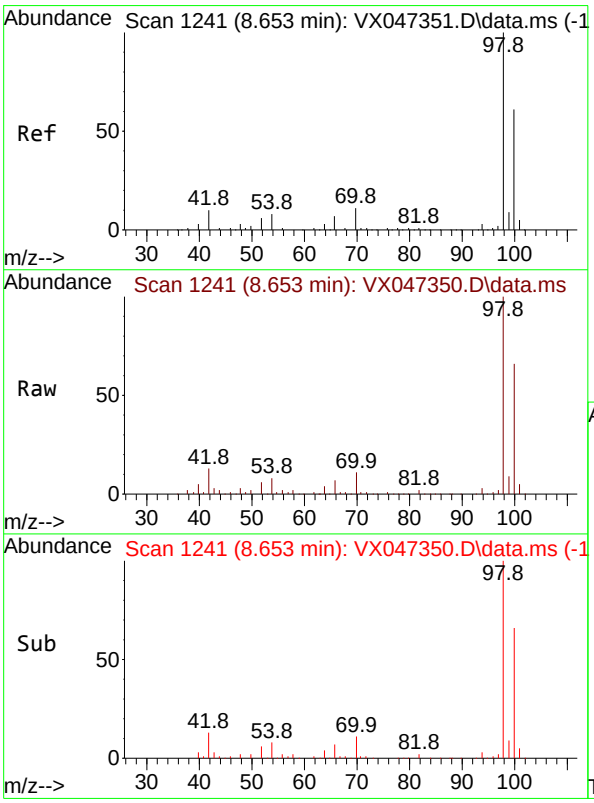
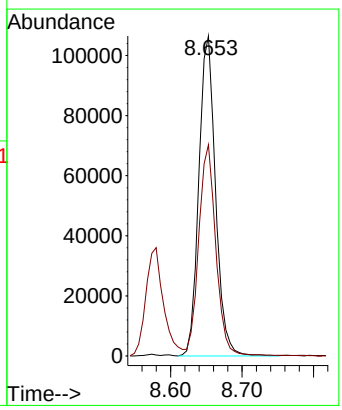


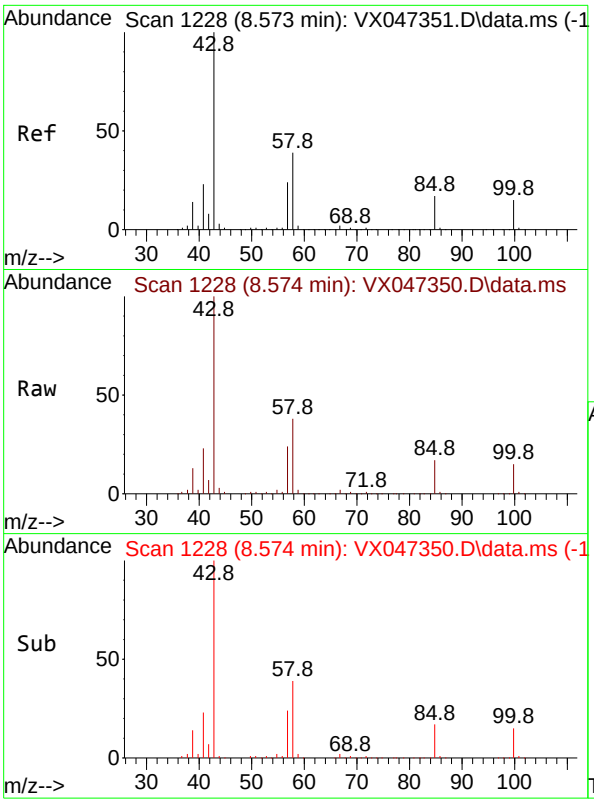


#50
Toluene-d8
Concen: 17.133 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 98 Resp: 172730

Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.9	80.9





#51
4-Methyl-2-Pentanone
Concen: 109.039 ug/l
RT: 8.574 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 43 Resp: 41667

Ion	Ratio	Lower	Upper
43	100		
58	38.9	31.2	46.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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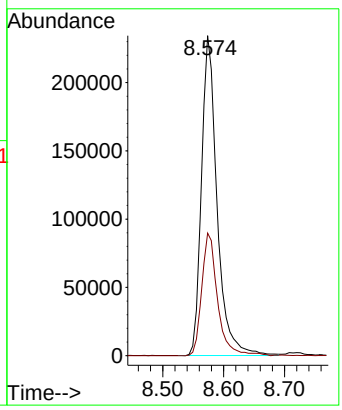
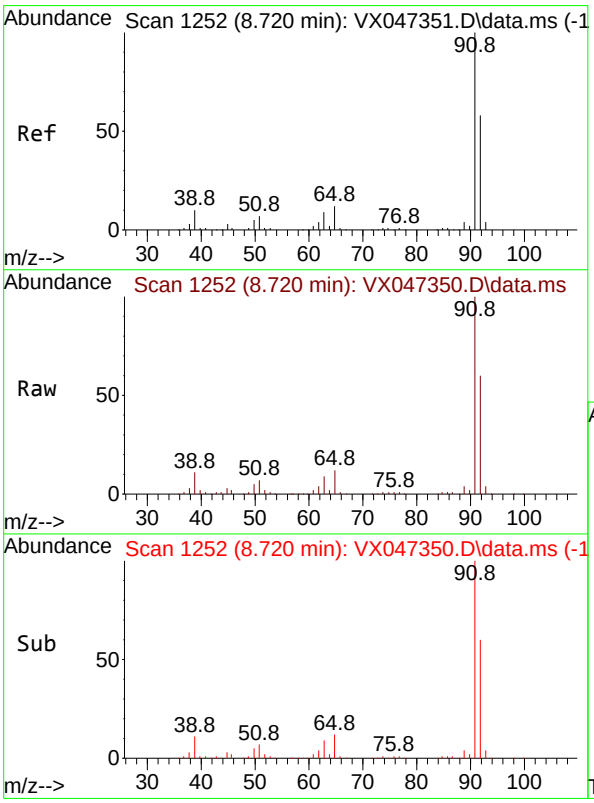
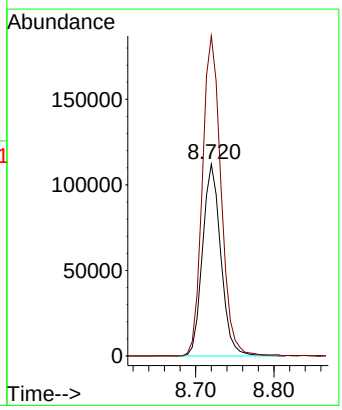


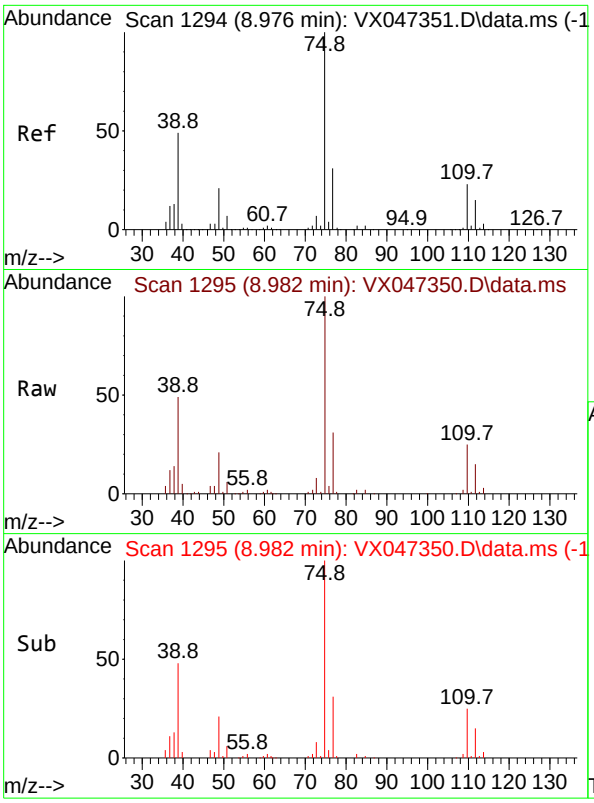


#52
Toluene
Concen: 22.024 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 92 Resp: 181368

Ion	Ratio	Lower	Upper
92	100		
91	170.3	136.3	204.5

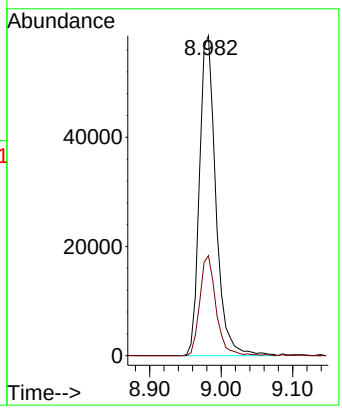




#53
t-1,3-Dichloropropene
Concen: 21.275 ug/l
RT: 8.982 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 75 Resp: 9330

Ion	Ratio	Lower	Upper
75	100		
77	31.3	24.7	37.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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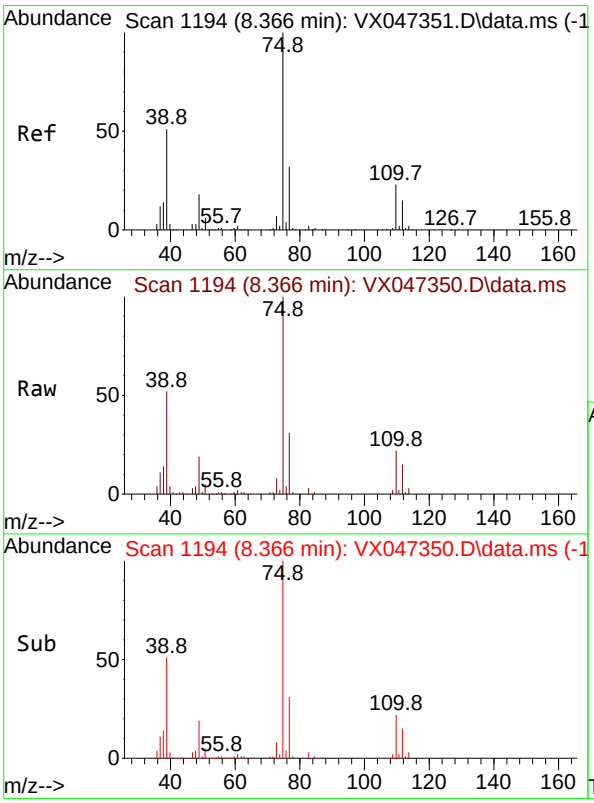
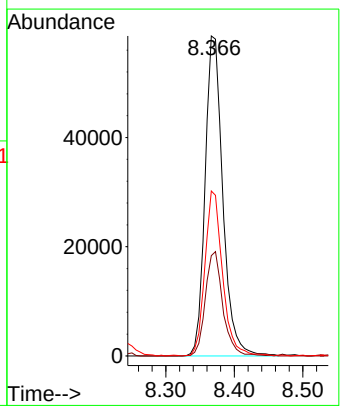
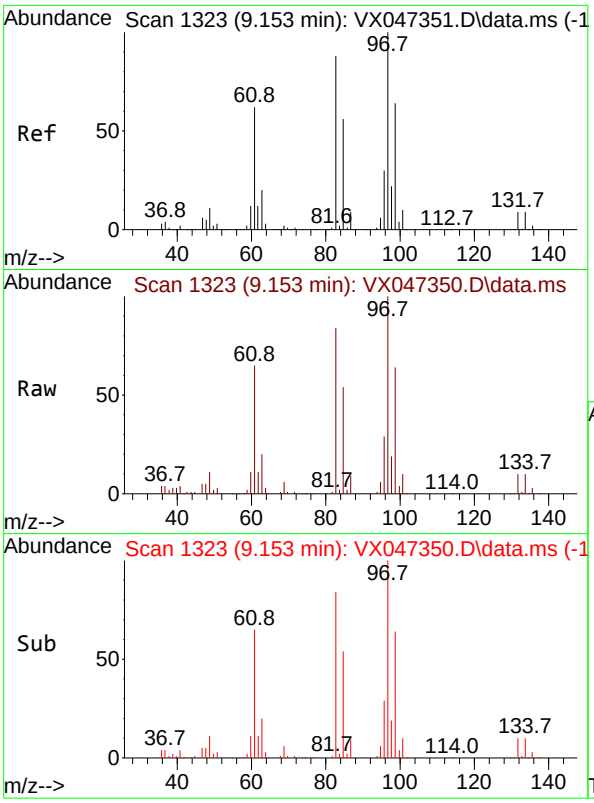


#54
cis-1,3-Dichloropropene
Concen: 21.294 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 75 Resp: 105701

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.6	38.4
39	51.4	40.9	61.3

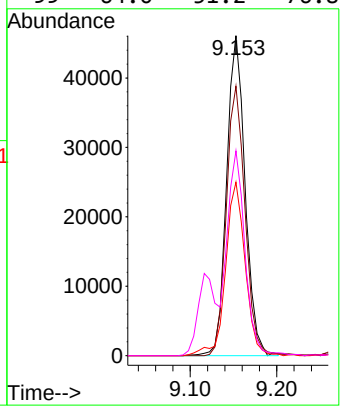




#55
1,1,2-Trichloroethane
Concen: 21.838 ug/l
RT: 9.153 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 97 Resp: 6828

Ion	Ratio	Lower	Upper
97	100		
83	84.2	70.6	106.0
85	54.2	44.7	67.1
99	64.0	51.2	76.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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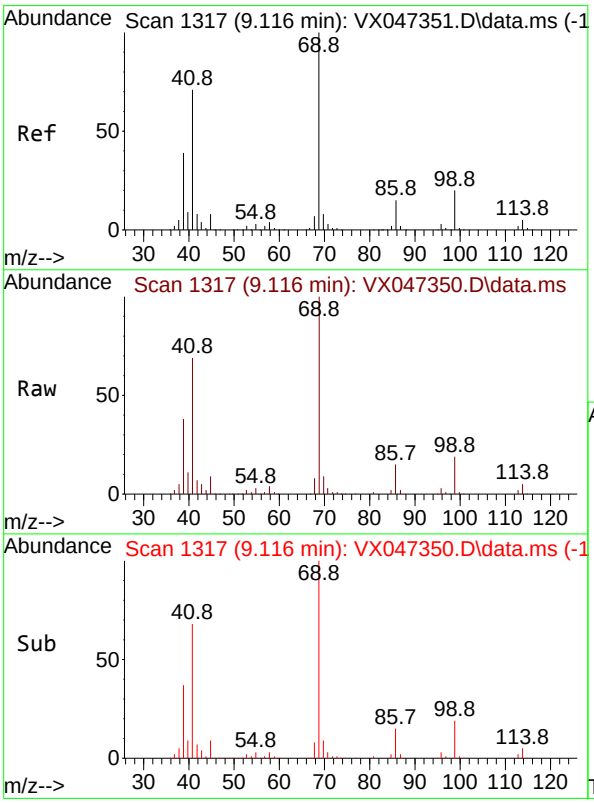
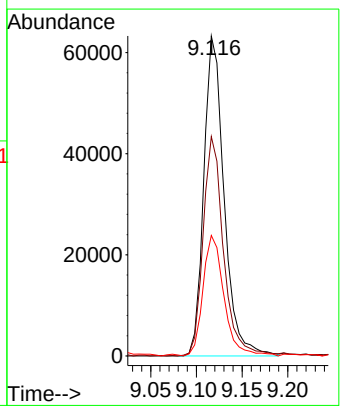
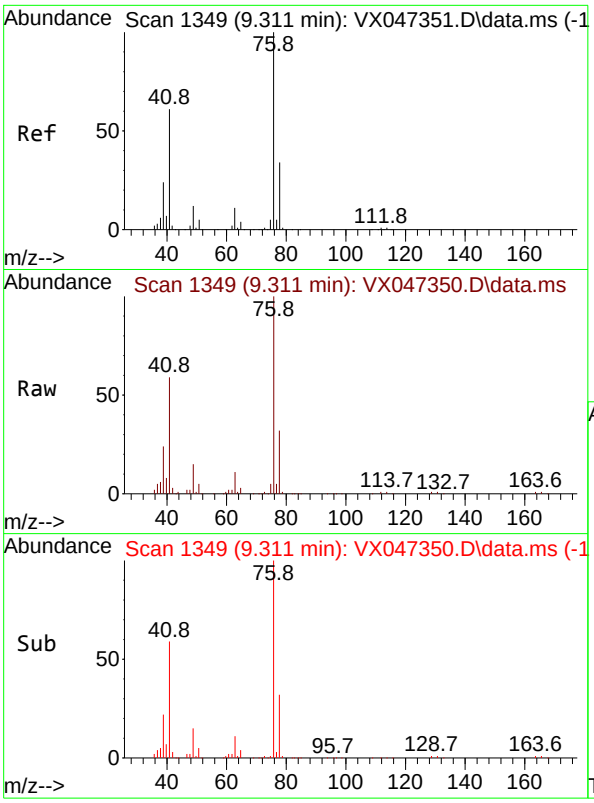


#56
Ethyl methacrylate
Concen: 21.188 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 69 Resp: 97675

Ion	Ratio	Lower	Upper
69	100		
41	68.9	55.3	82.9
39	39.0	30.2	45.2

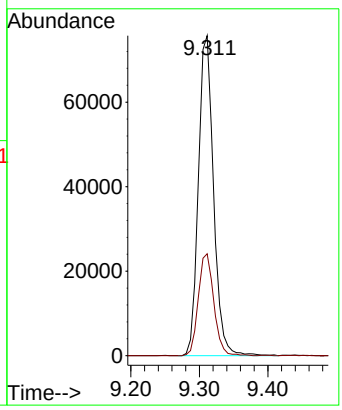




#57
1,3-Dichloropropane
Concen: 21.910 ug/l
RT: 9.311 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 76 Resp: 11673

Ion	Ratio	Lower	Upper
76	100		
78	32.6	26.2	39.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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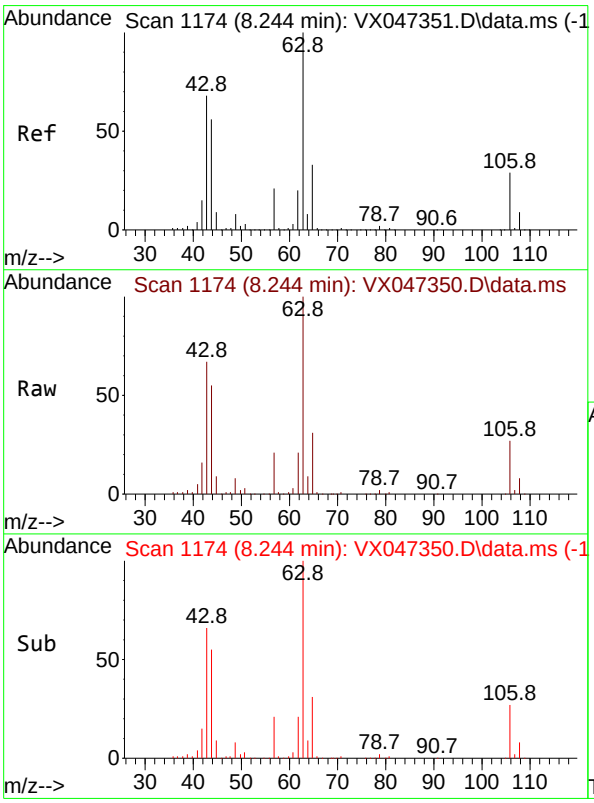
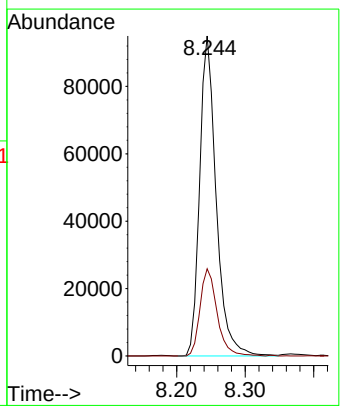
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

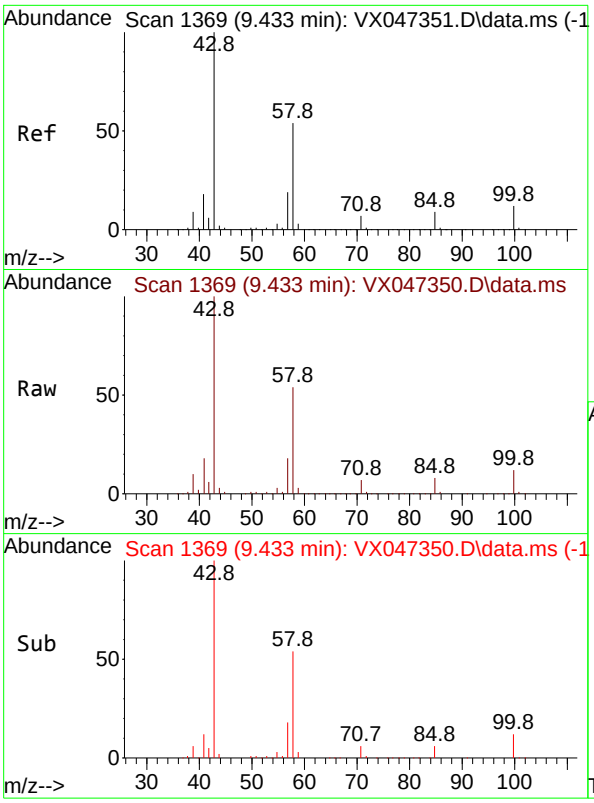


#58
2-Chloroethyl Vinyl ether
Concen: 78.521 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 63 Resp: 159793

Ion	Ratio	Lower	Upper
63	100		
106	28.0	22.8	34.2





#59
2-Hexanone
Concen: 111.182 ug/l
RT: 9.433 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 43 Resp: 29388

Ion	Ratio	Lower	Upper
43	100		
58	53.7	26.9	80.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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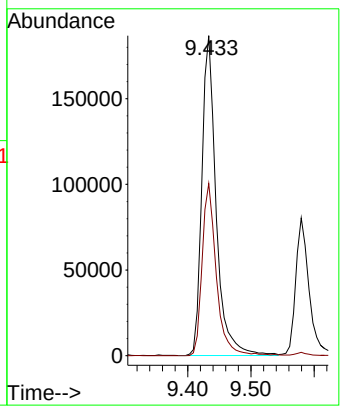
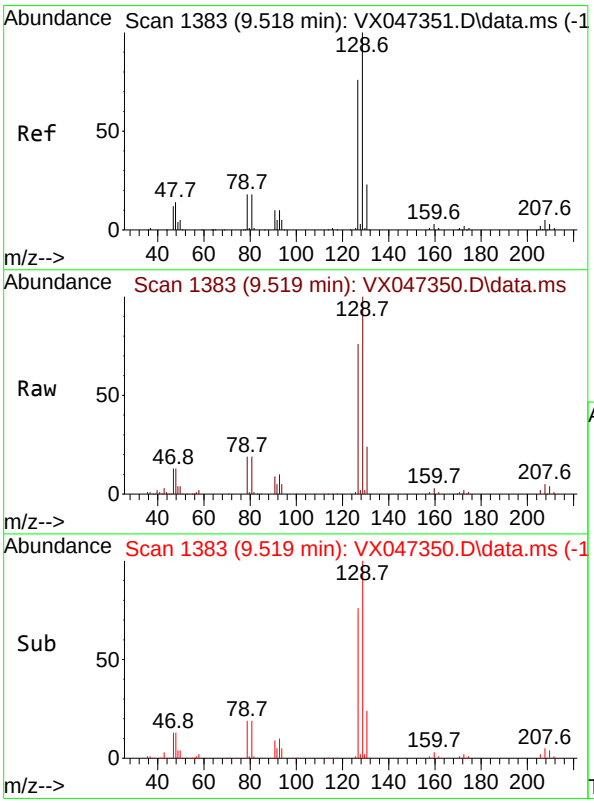
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

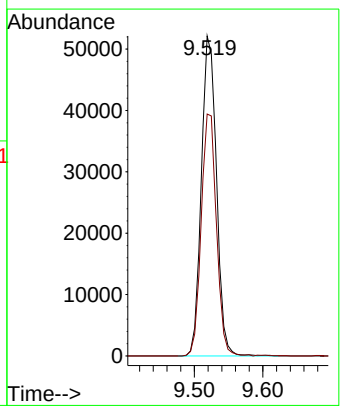


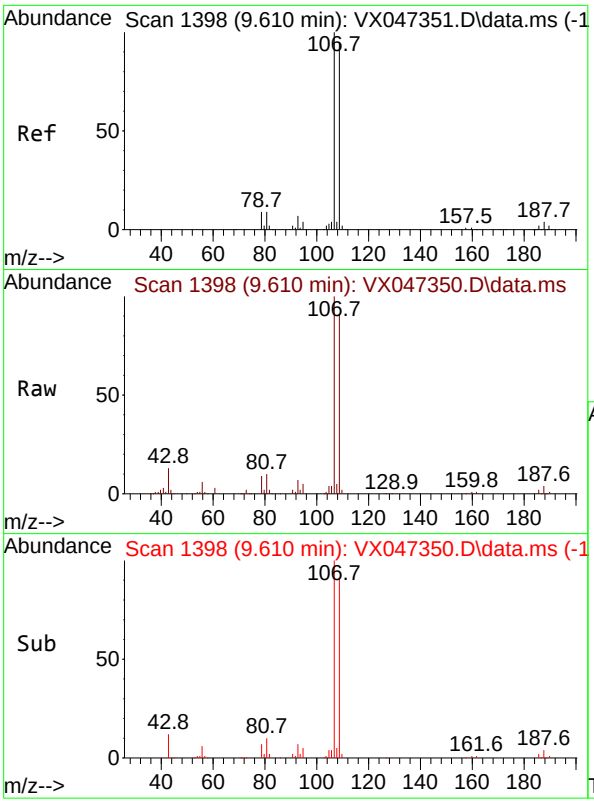


#60
Dibromochloromethane
Concen: 21.561 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion:129 Resp: 80119

Ion	Ratio	Lower	Upper
129	100		
127	76.2	38.9	116.6





#61
1,2-Dibromoethane
Concen: 21.388 ug/l
RT: 9.610 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion:107 Resp: 6896

Ion	Ratio	Lower	Upper
107	100		
109	96.3	76.2	114.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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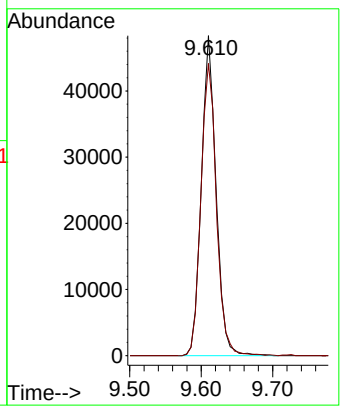
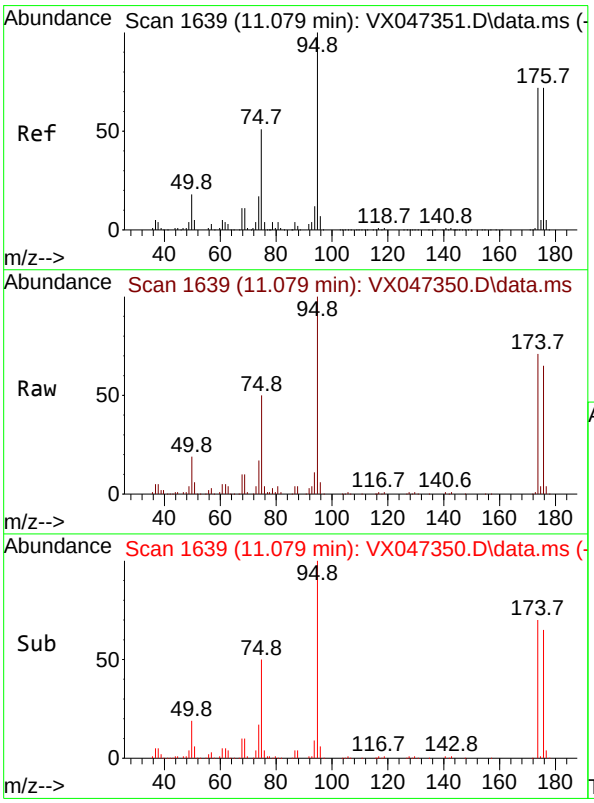
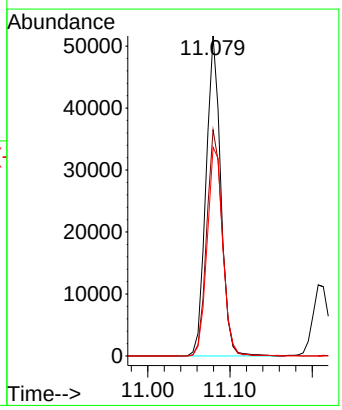


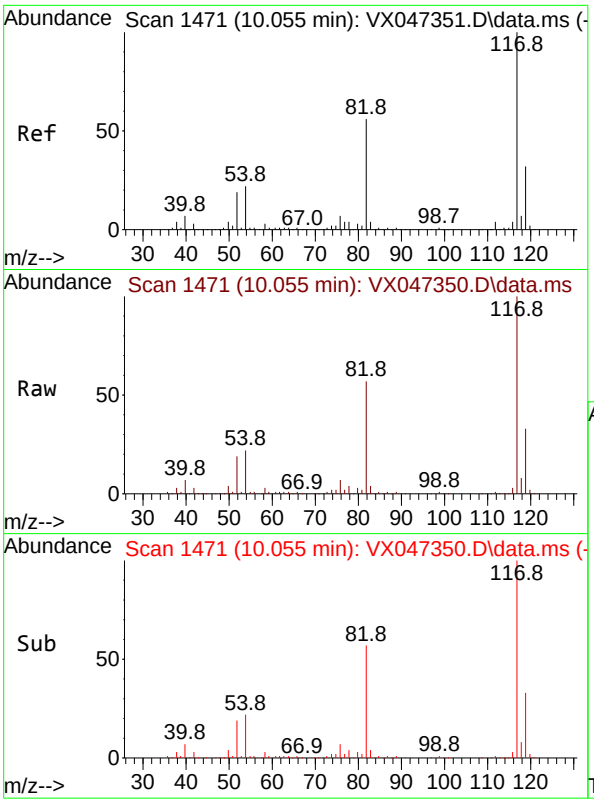


#62
4-Bromofluorobenzene
Concen: 17.320 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 95 Resp: 64433

Ion	Ratio	Lower	Upper
95	100		
174	73.9	0.0	148.0
176	69.1	0.0	145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion:117 Resp: 39236

Ion	Ratio	Lower	Upper
117	100		
82	56.9	45.0	67.4
119	32.8	25.8	38.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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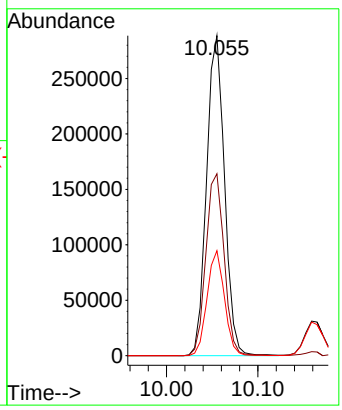
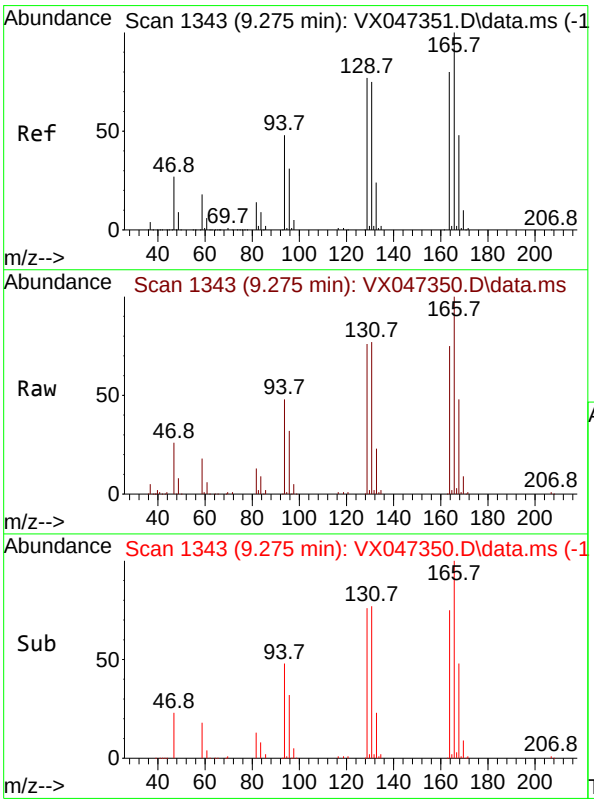
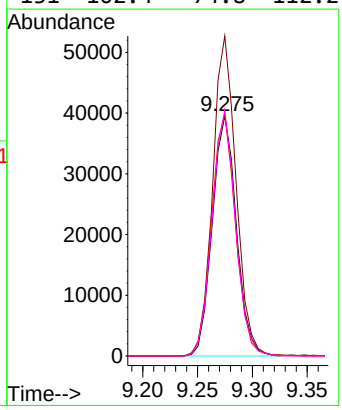


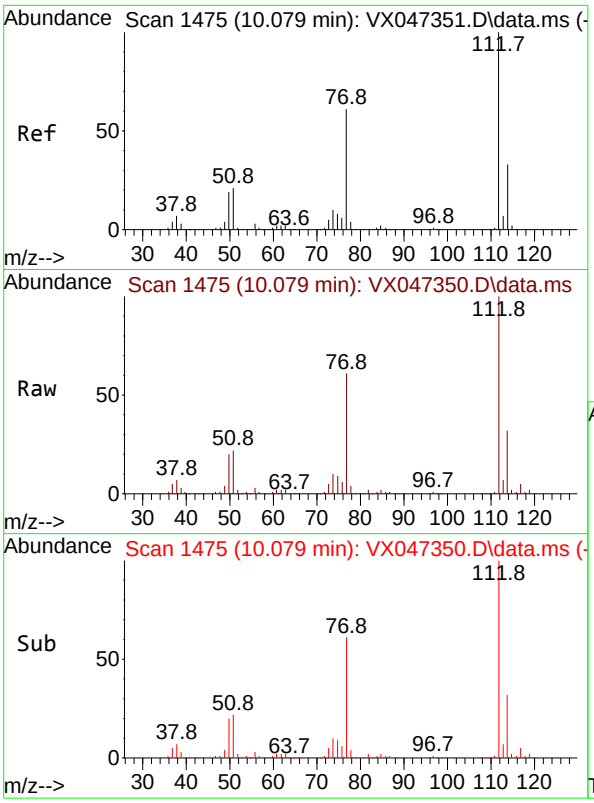


#64
Tetrachloroethene
Concen: 21.257 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion:164 Resp: 60329

Ion	Ratio	Lower	Upper
164	100		
166	133.4	100.3	150.5
129	101.0	77.7	116.5
131	102.4	74.8	112.2





#65
Chlorobenzene
Concen: 21.342 ug/l
RT: 10.079 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion:112 Resp: 19899

Ion	Ratio	Lower	Upper
112	100		
114	32.4	26.4	39.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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Reviewed By :John Carlone 08/18/2025
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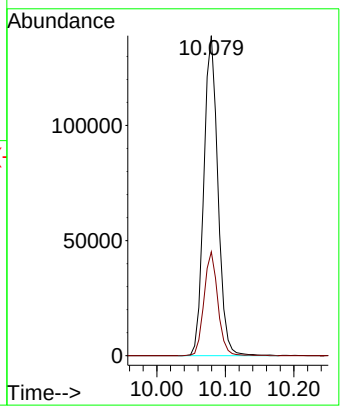
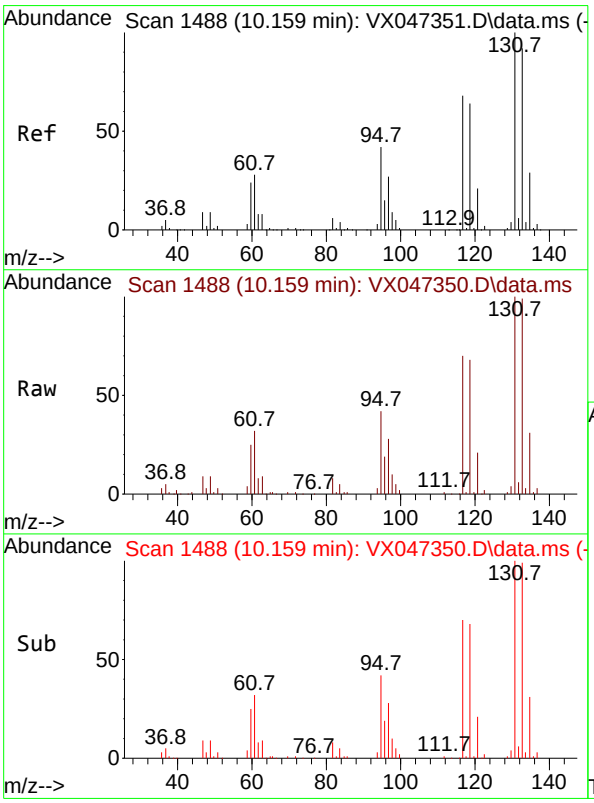
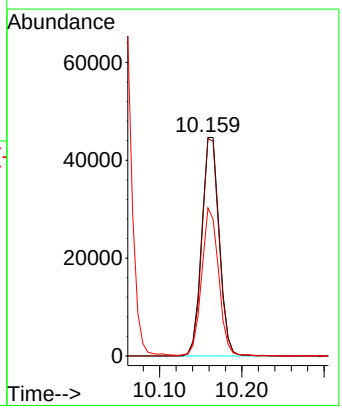


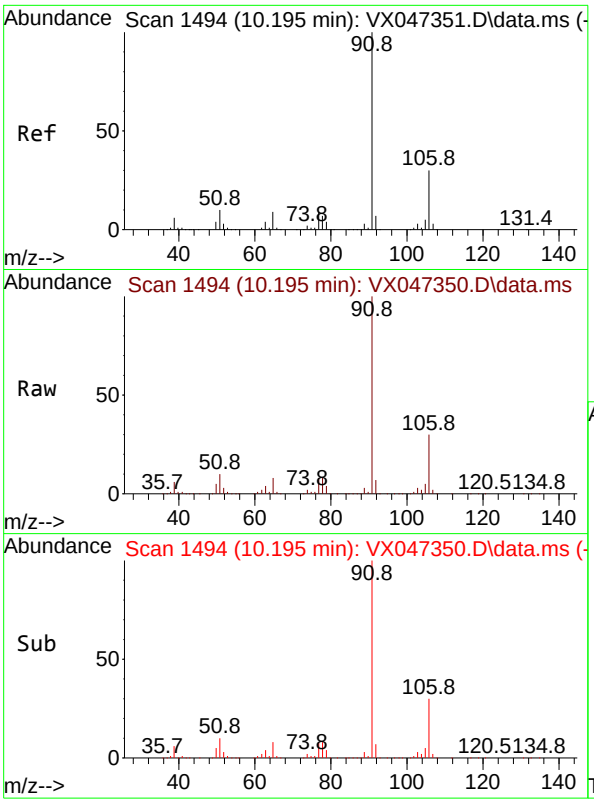


#66
1,1,1,2-Tetrachloroethane
Concen: 21.056 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion:131 Resp: 66366

Ion	Ratio	Lower	Upper
131	100		
133	96.5	47.6	142.9
119	65.4	32.3	96.8





#67
Ethyl Benzene
Concen: 21.675 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 91 Resp: 34783

Ion	Ratio	Lower	Upper
91	100		
106	30.1	24.4	36.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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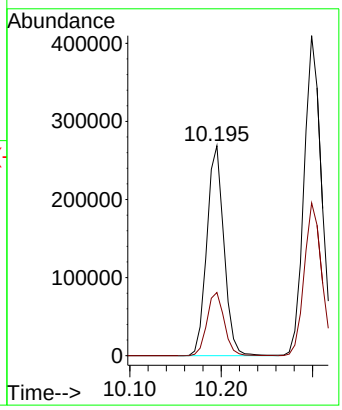
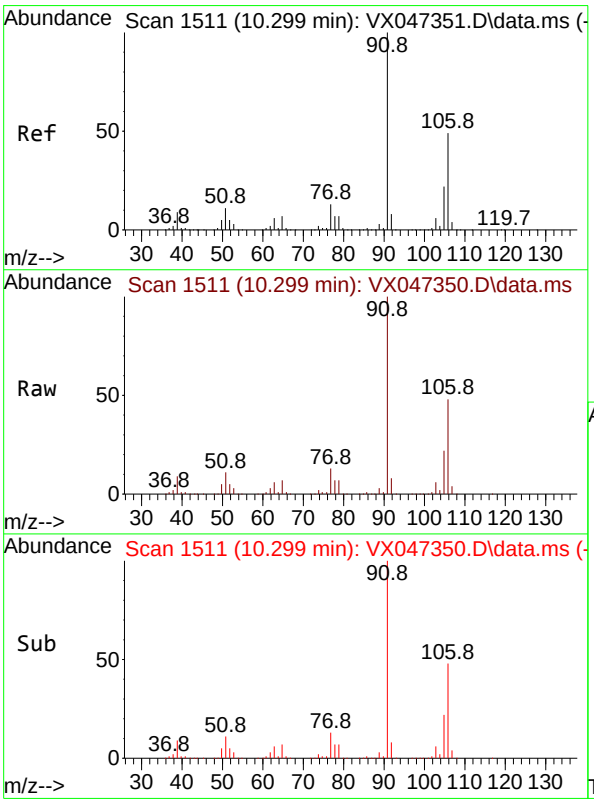
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

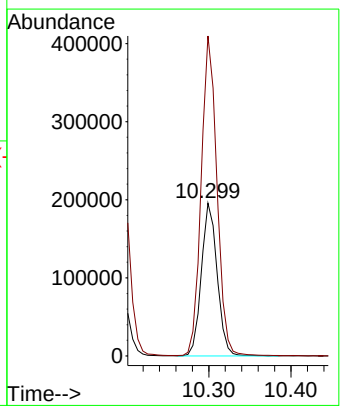


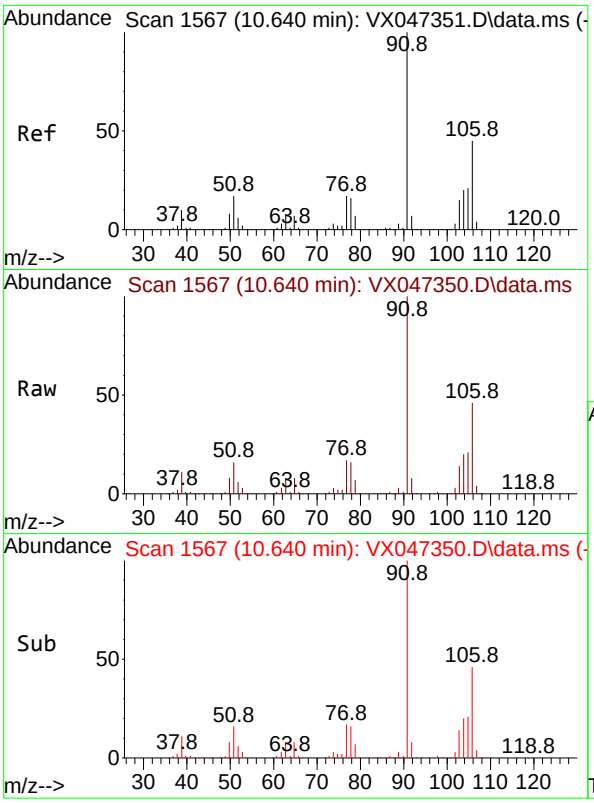


#68
m/p-Xylenes
Concen: 43.608 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion:106 Resp: 260945

Ion	Ratio	Lower	Upper
106	100		
91	209.5	164.7	247.1





#69
o-Xylene
Concen: 21.606 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion:106 Resp: 12442

Ion	Ratio	Lower	Upper
106	100		
91	219.7	110.6	331.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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Reviewed By :John Carlone 08/18/2025
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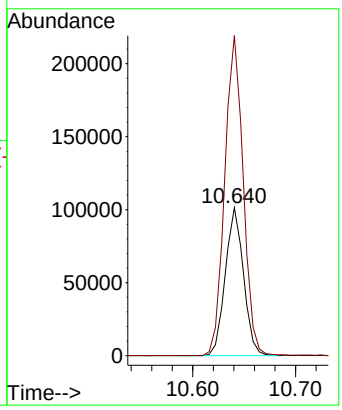
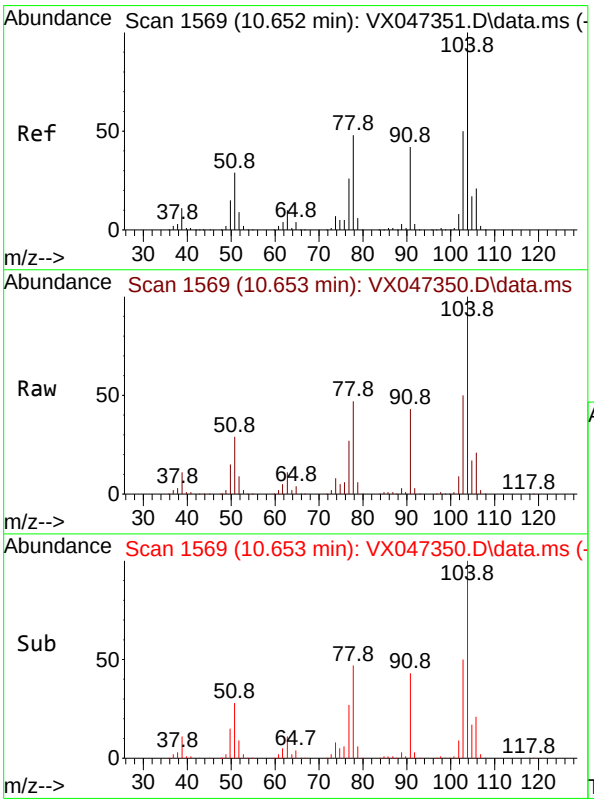
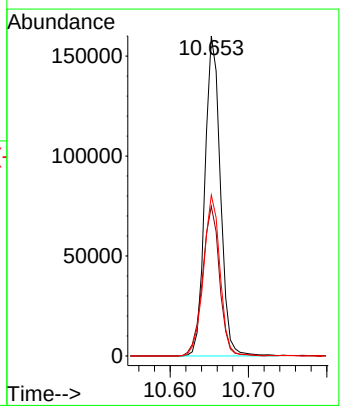


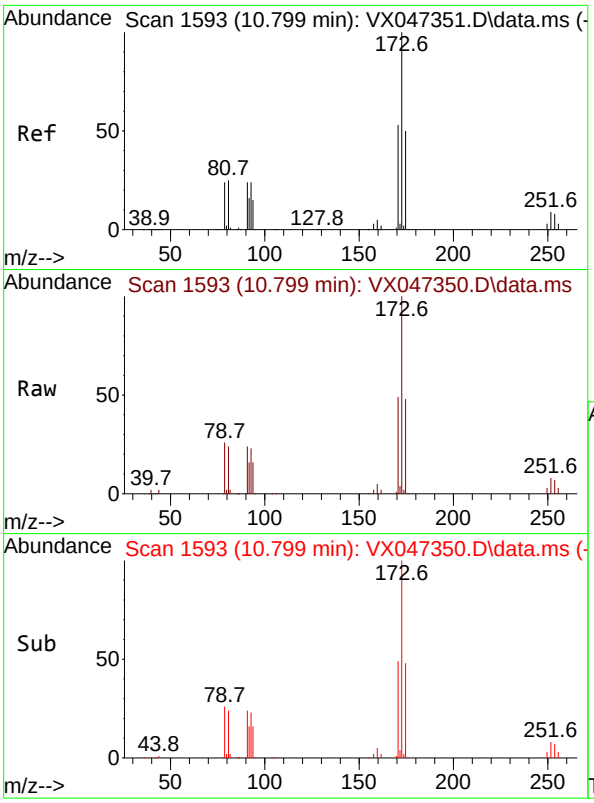


#70
Styrene
Concen: 22.540 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion:104 Resp: 219310

Ion	Ratio	Lower	Upper
104	100		
78	51.4	41.8	62.8
103	53.6	43.6	65.4

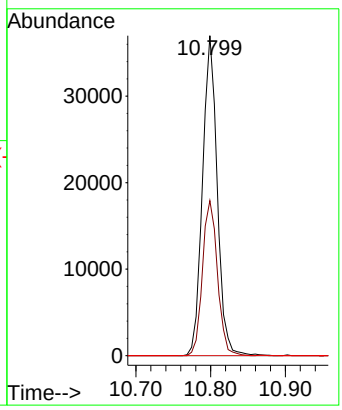




#71
Bromoform
Concen: 21.335 ug/l
RT: 10.799 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion:173 Resp: 5051

Ion	Ratio	Lower	Upper
173	100		
175	49.4	24.4	73.4
254	0.0	0.1	0.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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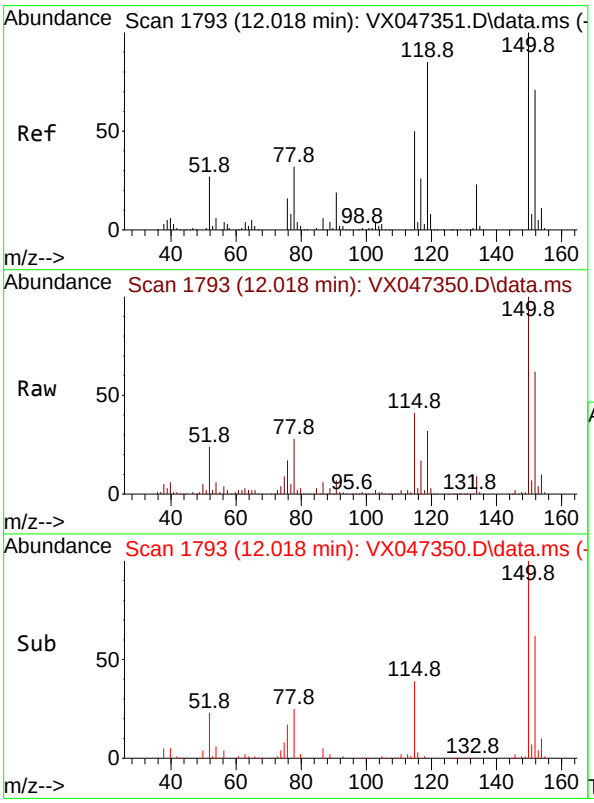
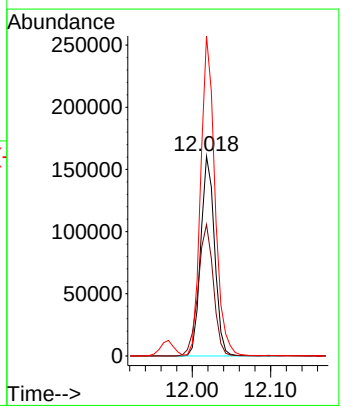
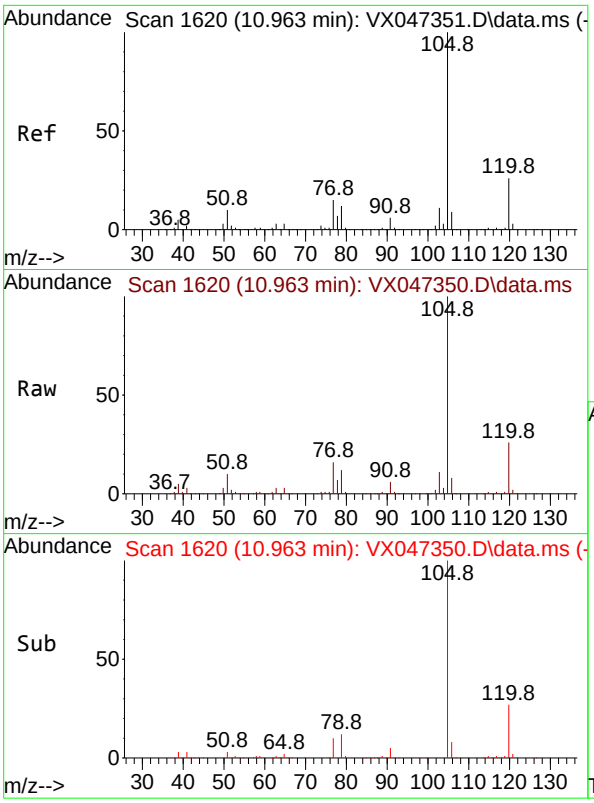


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion:152 Resp: 196732

Ion	Ratio	Lower	Upper
152	100		
115	72.6	44.6	133.8
150	164.5	0.0	349.8

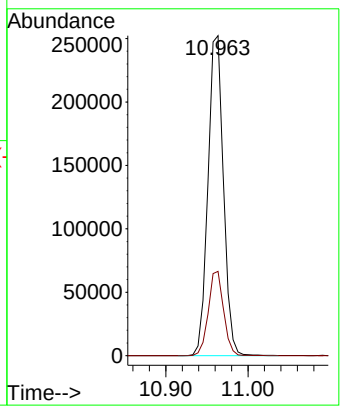




#73
Isopropylbenzene
Concen: 21.425 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion:105 Resp: 32984

Ion	Ratio	Lower	Upper
105	100		
120	26.1	12.9	38.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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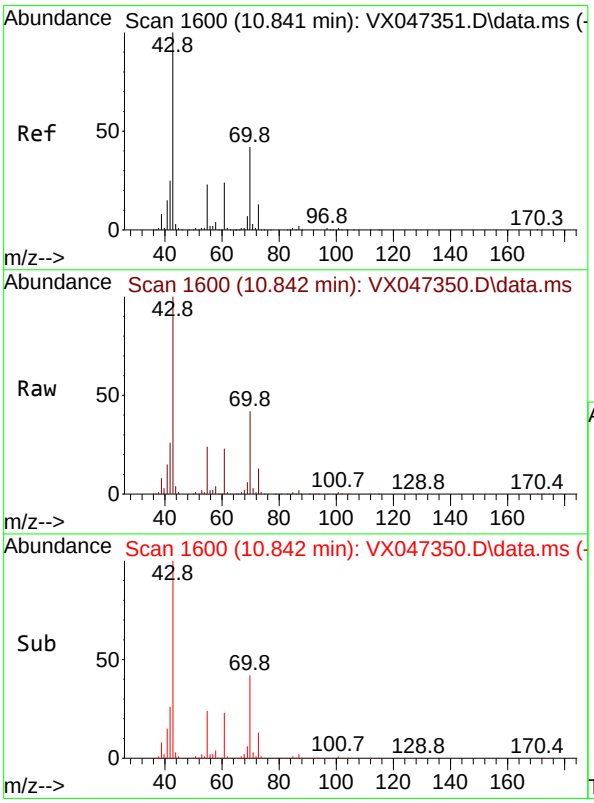
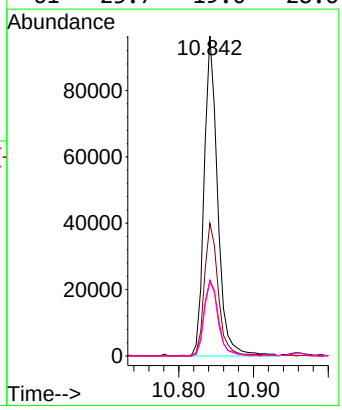
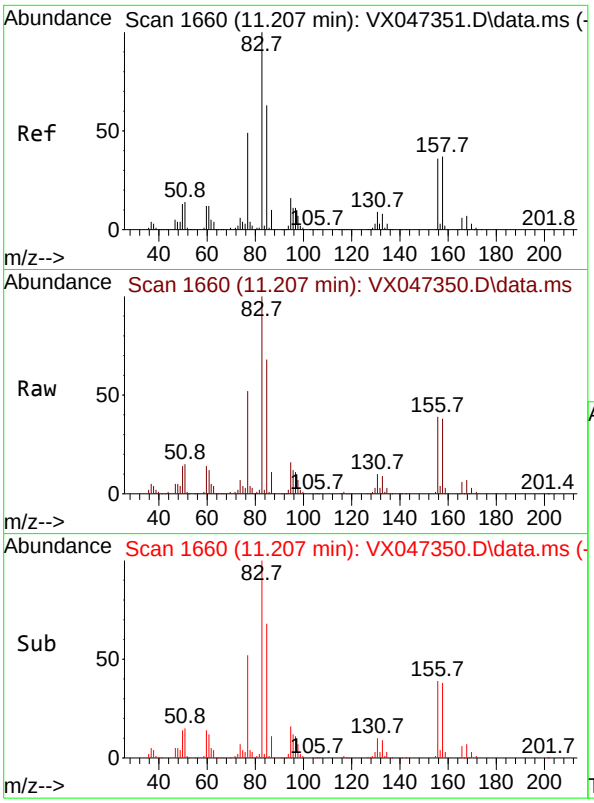


#74
N-amyl acetate
Concen: 20.717 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 43 Resp: 121116

Ion	Ratio	Lower	Upper
43	100		
70	42.8	33.1	49.7
55	25.4	19.0	28.6
61	23.7	19.0	28.6

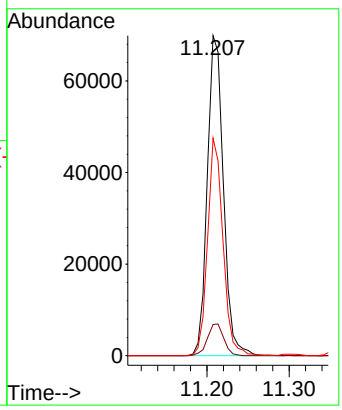




#75
1,1,2,2-Tetrachloroethane
Concen: 21.039 ug/l
RT: 11.207 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 83 Resp: 9509

Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.0	15.0
85	64.8	31.7	95.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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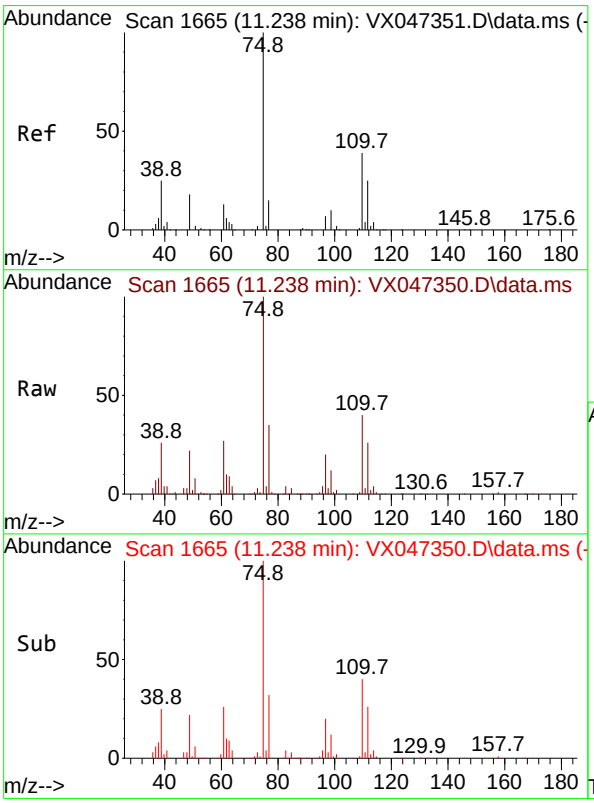
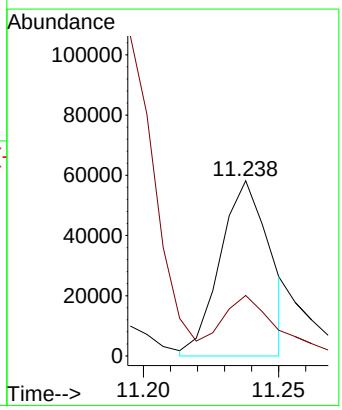
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

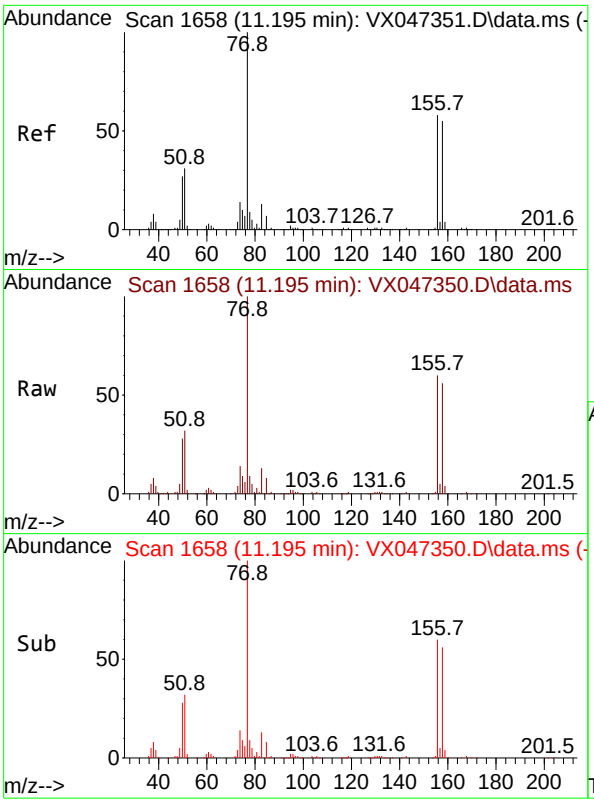


#76
1,2,3-Trichloropropane
Concen: 20.531 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 75 Resp: 74083

Ion	Ratio	Lower	Upper
75	100		
77	40.0	19.4	58.2





#77
Bromobenzene
Concen: 21.298 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion:156 Resp: 8006

Ion	Ratio	Lower	Upper
156	100		
77	170.5	86.3	258.9
158	96.2	48.0	144.2

Instrument :
MSVOA_X
ClientSampleId :
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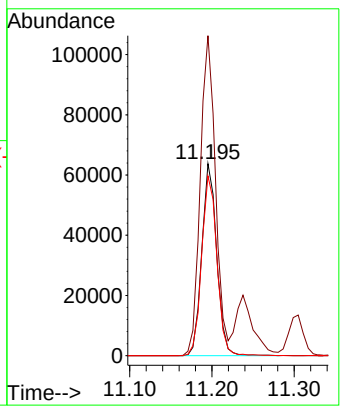
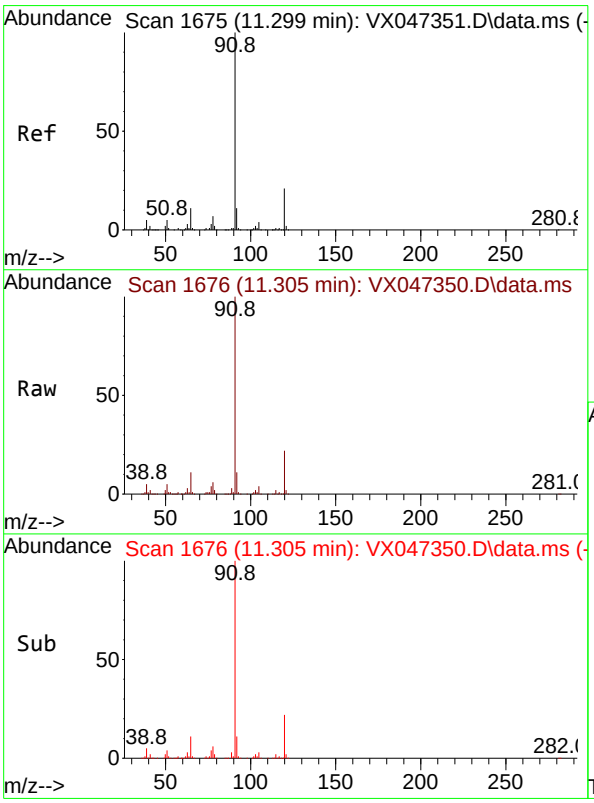
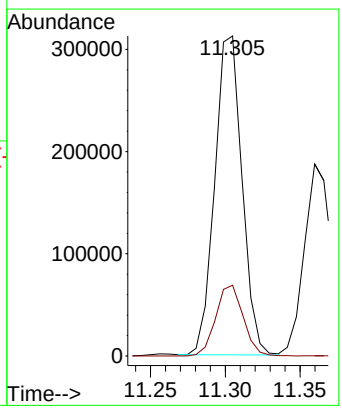


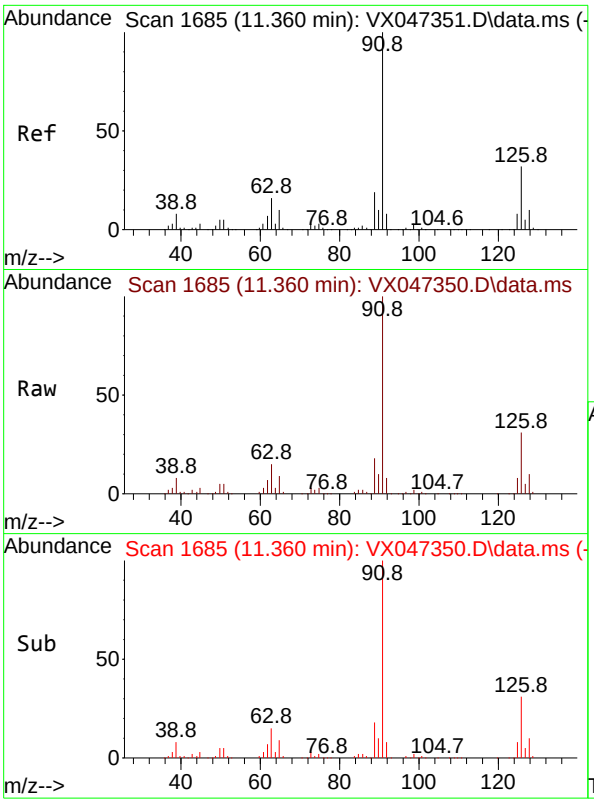


#78
n-propylbenzene
Concen: 21.531 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 91 Resp: 395888

Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.0	33.0





#79
2-Chlorotoluene
Concen: 21.515 ug/l
RT: 11.360 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 91 Resp: 23913

Ion	Ratio	Lower	Upper
91	100		
126	31.8	16.7	50.1

Instrument :
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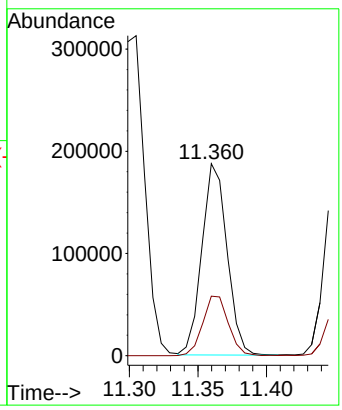
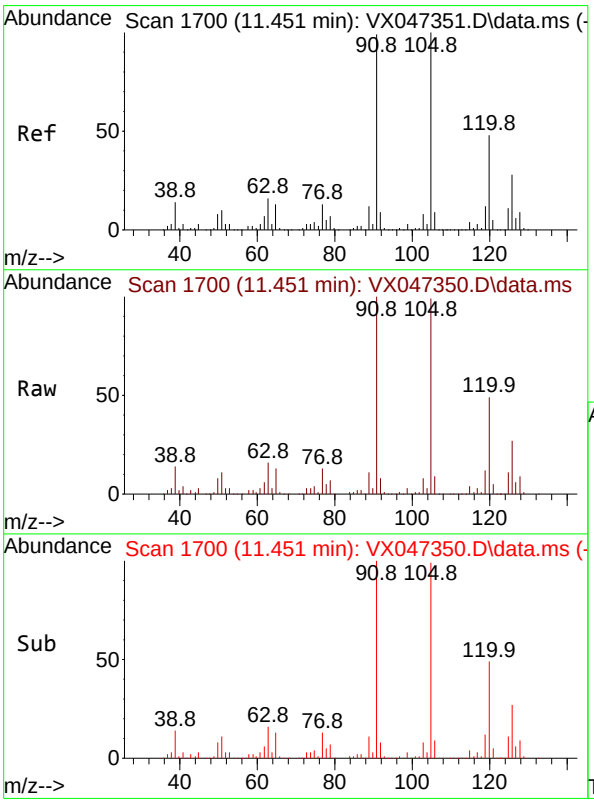
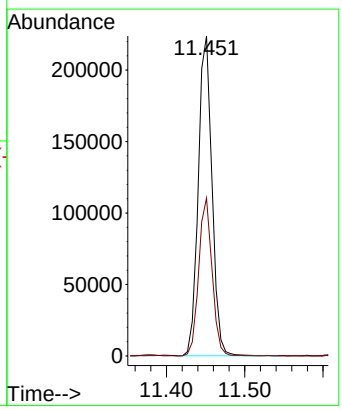


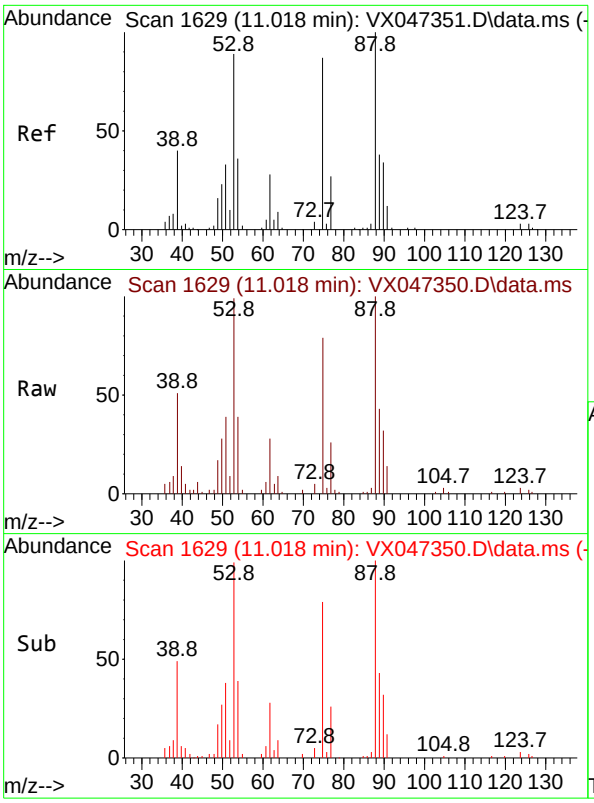


#80
1,3,5-Trimethylbenzene
Concen: 21.513 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion:105 Resp: 272501

Ion	Ratio	Lower	Upper
105	100		
120	48.1	23.9	71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 19.090 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 75 Resp: 1105

Ion	Ratio	Lower	Upper
75	100		
53	118.2	85.2	127.8
89	50.5	36.7	55.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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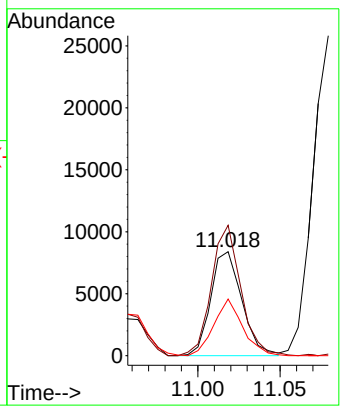
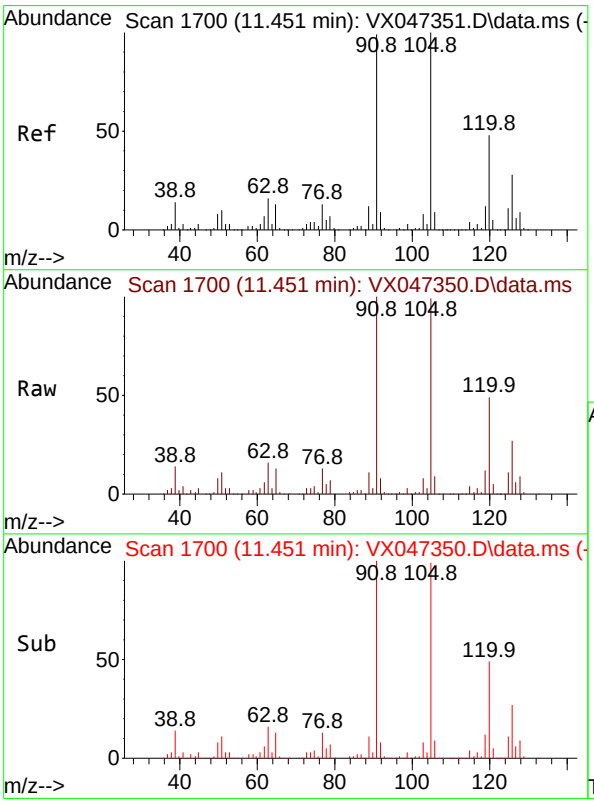
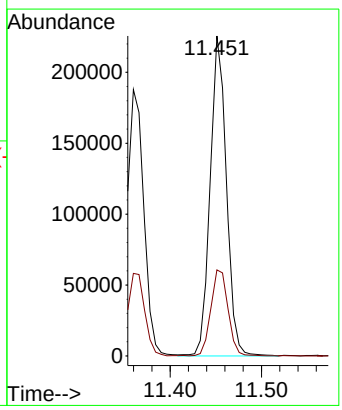


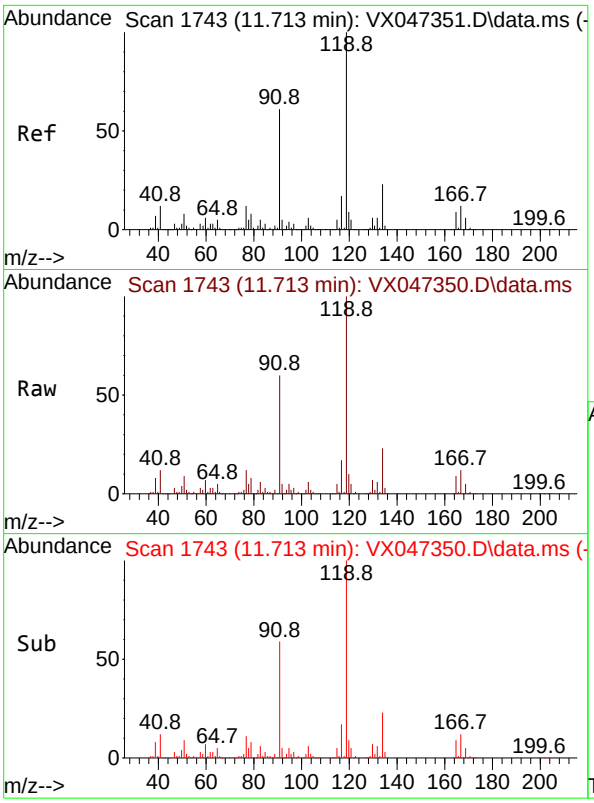


#82
4-Chlorotoluene
Concen: 21.272 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 91 Resp: 278705

Ion	Ratio	Lower	Upper
91	100		
126	28.3	14.4	43.0

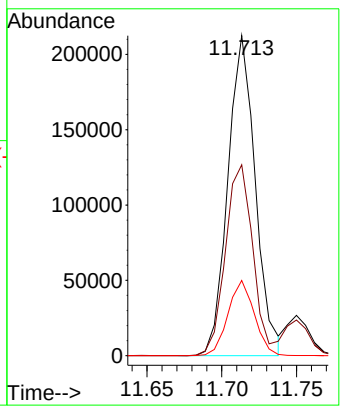




#83
tert-Butylbenzene
Concen: 21.487 ug/l
RT: 11.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion:119 Resp: 27154

Ion	Ratio	Lower	Upper
119	100		
91	59.0	29.1	87.4
134	22.6	11.3	33.9



Instrument :
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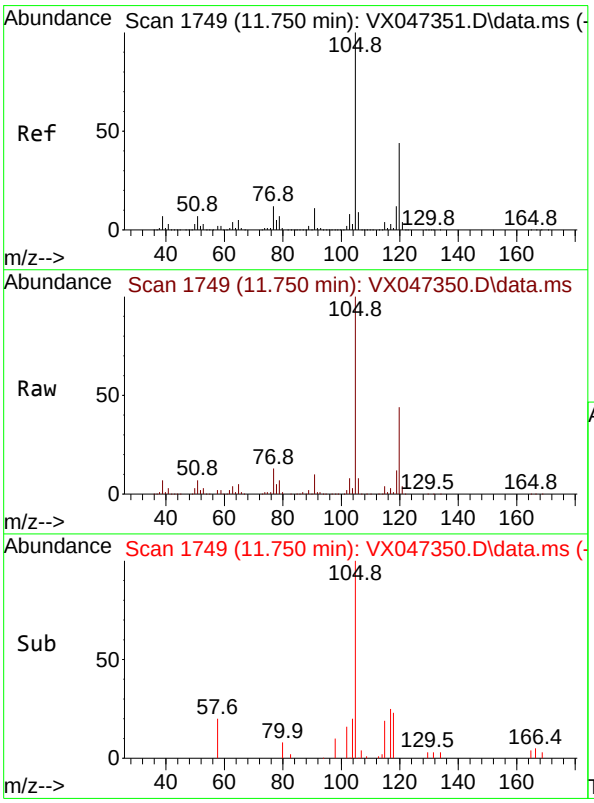
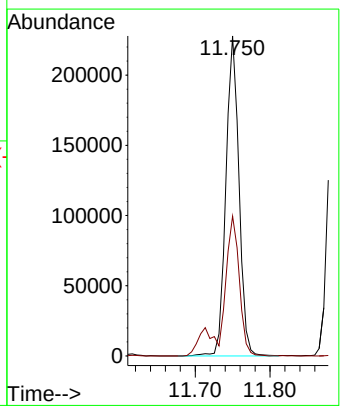
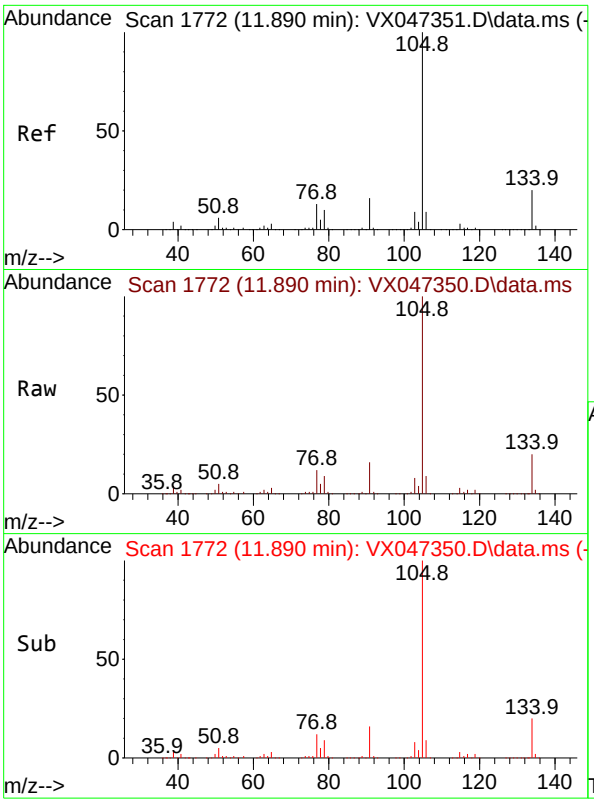


#84
1,2,4-Trimethylbenzene
Concen: 21.876 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion:105 Resp: 277110

Ion	Ratio	Lower	Upper
105	100		
120	43.5	21.9	65.7

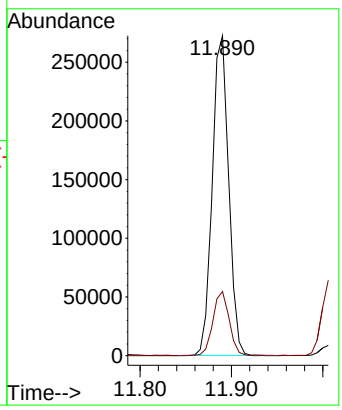




#85
sec-Butylbenzene
Concen: 21.719 ug/l
RT: 11.890 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion:105 Resp: 34020

Ion	Ratio	Lower	Upper
105	100		
134	20.0	9.8	29.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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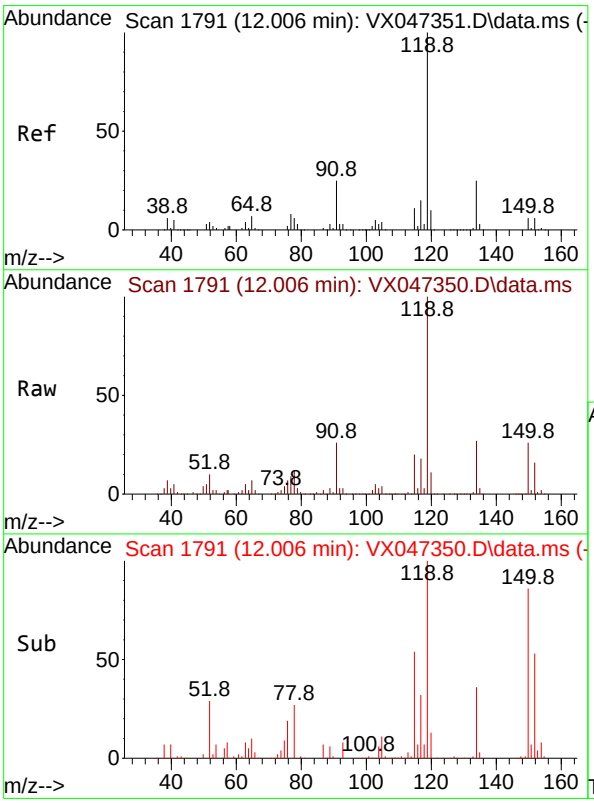
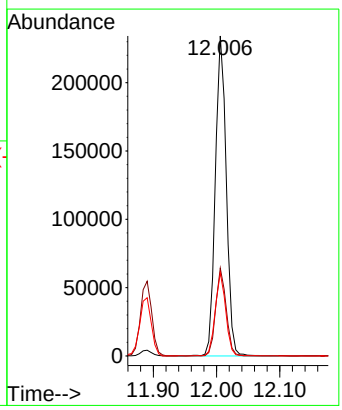
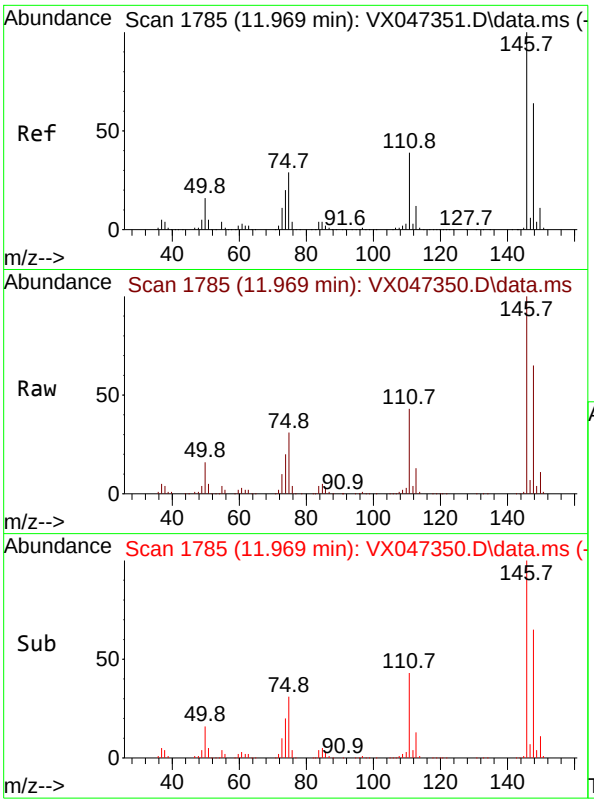


#86
p-Isopropyltoluene
Concen: 21.189 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion:119 Resp: 280855

Ion	Ratio	Lower	Upper
119	100		
134	26.3	12.8	38.4
91	24.9	12.4	37.4

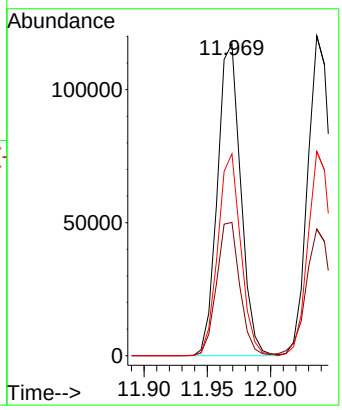




#87
1,3-Dichlorobenzene
Concen: 20.890 ug/l
RT: 11.969 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion:146 Resp: 15002

Ion	Ratio	Lower	Upper
146	100		
111	42.6	20.6	61.8
148	63.7	31.9	95.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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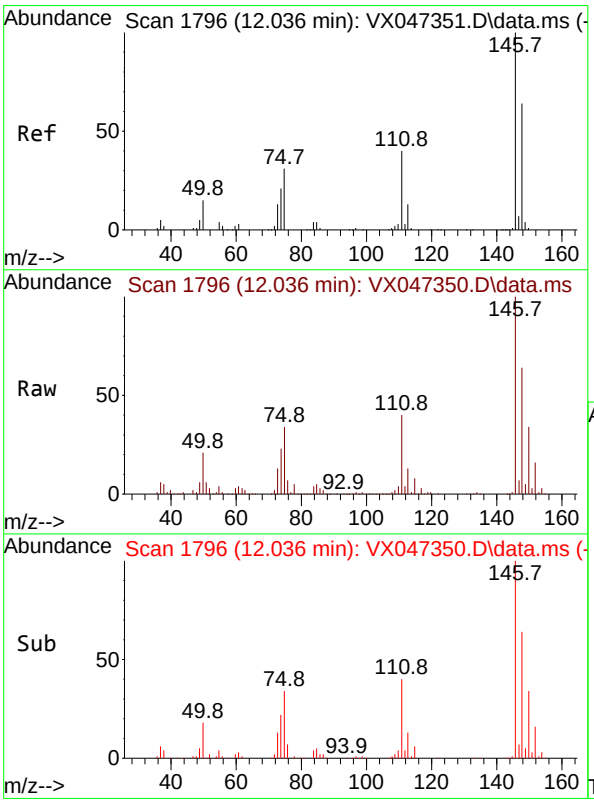
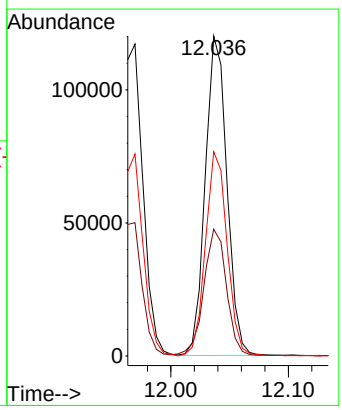
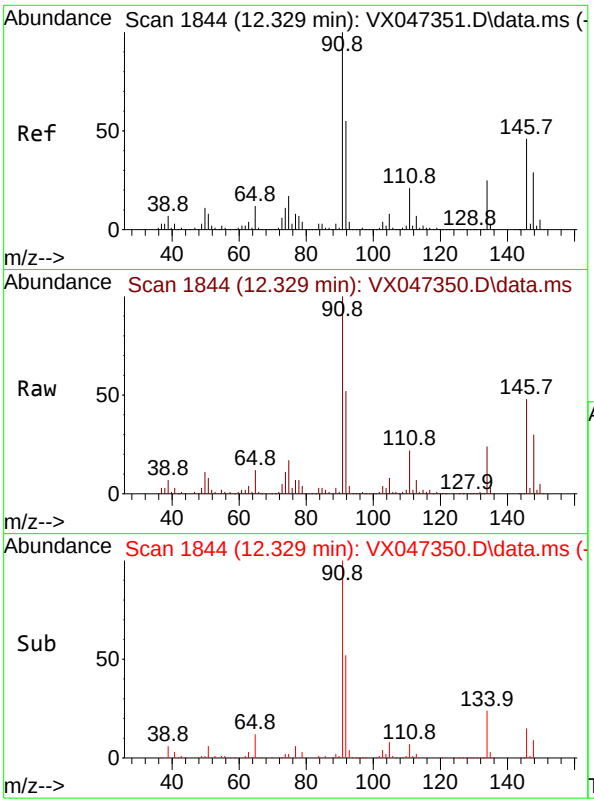


#88
1,4-Dichlorobenzene
Concen: 20.798 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion:146 Resp: 153630

Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.4	61.2
148	64.2	31.7	95.1

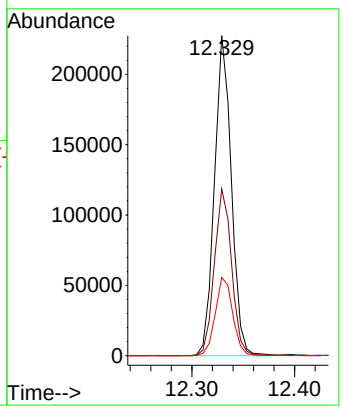




#89
n-Butylbenzene
Concen: 21.124 ug/l
RT: 12.329 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 91 Resp: 26042

Ion	Ratio	Lower	Upper
91	100		
92	53.1	27.2	81.5
134	25.3	12.6	37.8



Instrument :
MSVOA_X
ClientSampleId :
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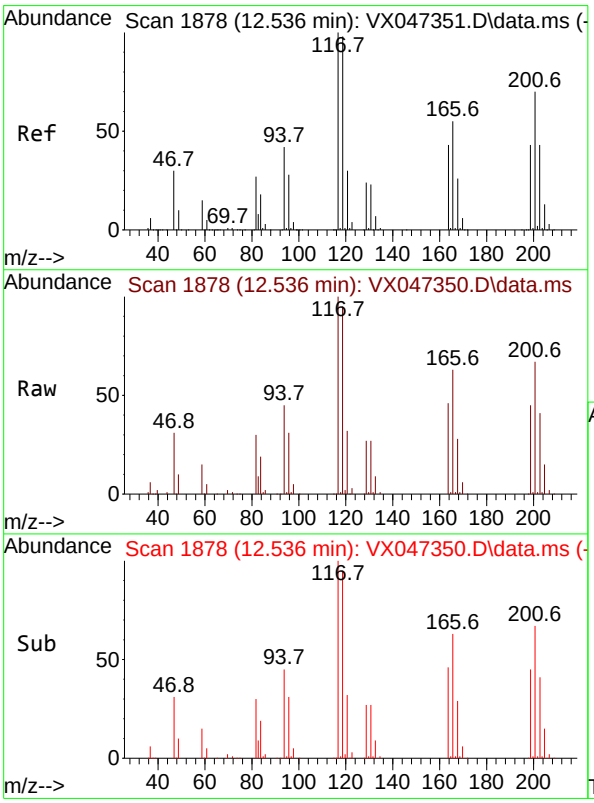
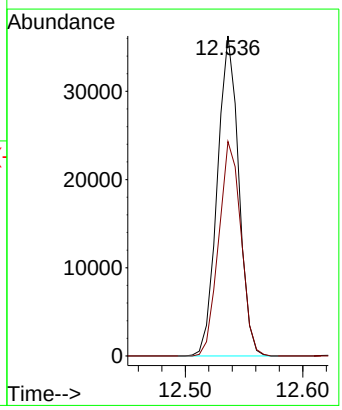
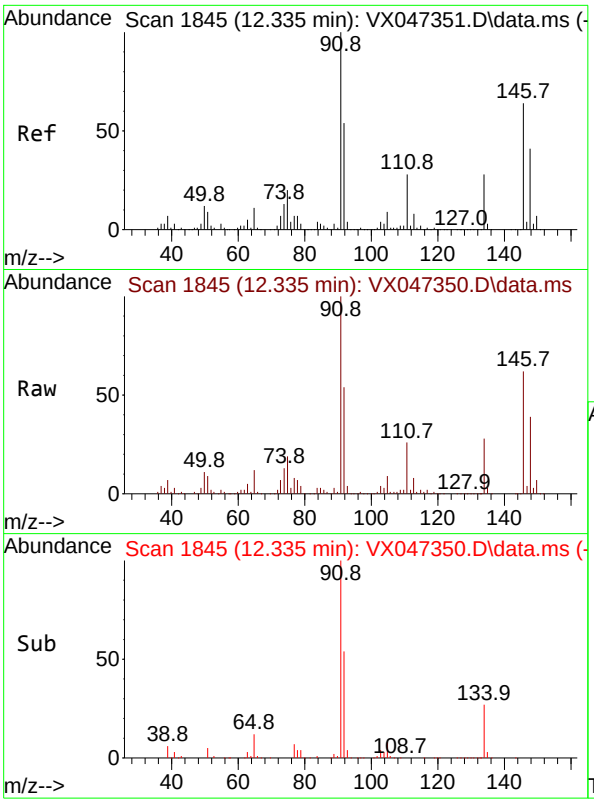


#90
Hexachloroethane
Concen: 19.754 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion:117 Resp: 45934

Ion	Ratio	Lower	Upper
117	100		
201	69.8	35.1	105.3

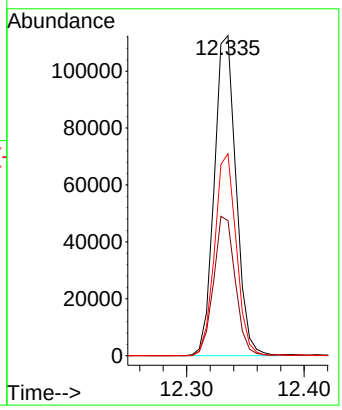




#91
1,2-Dichlorobenzene
Concen: 21.363 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion:146 Resp: 14562

Ion	Ratio	Lower	Upper
146	100		
111	43.3	22.1	66.1
148	62.6	31.9	95.5



Instrument :
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ClientSampleId :
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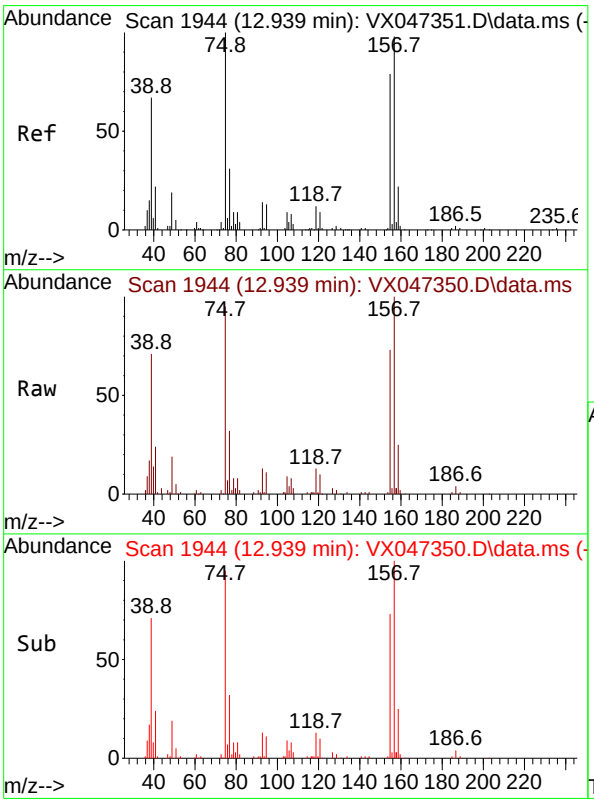
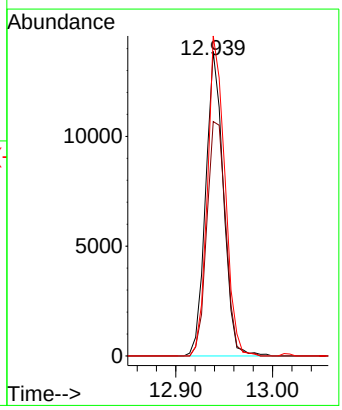
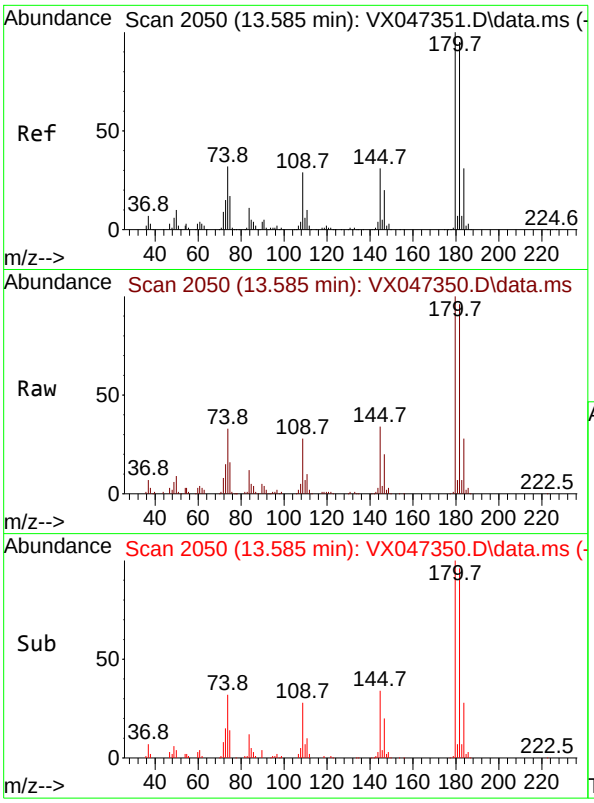


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.246 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 75 Resp: 17698

Ion	Ratio	Lower	Upper
75	100		
155	82.3	41.3	123.7
157	103.6	51.5	154.5

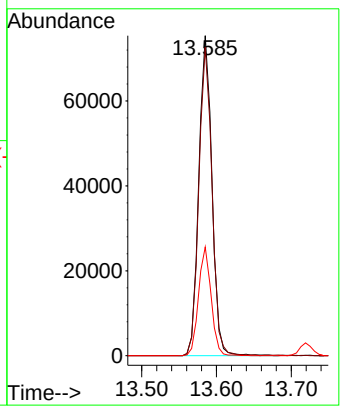




#93
1,2,4-Trichlorobenzene
Concen: 20.105 ug/l
RT: 13.585 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion:180 Resp: 9187

Ion	Ratio	Lower	Upper
180	100		
182	96.4	48.1	144.4
145	32.6	16.2	48.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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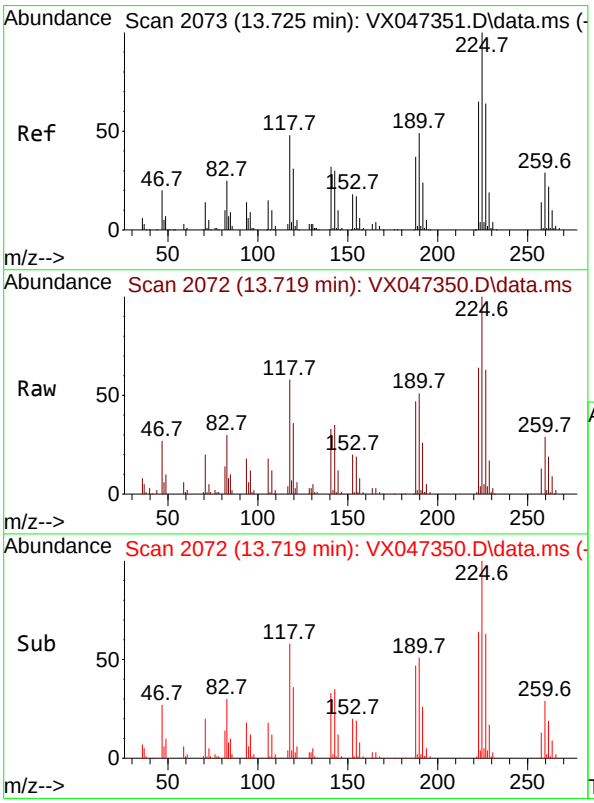
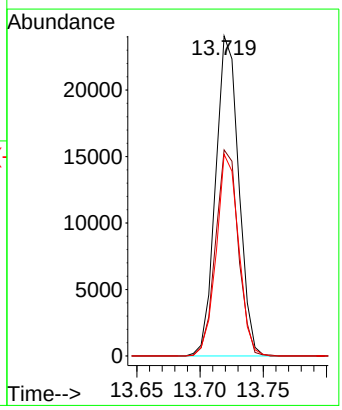
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

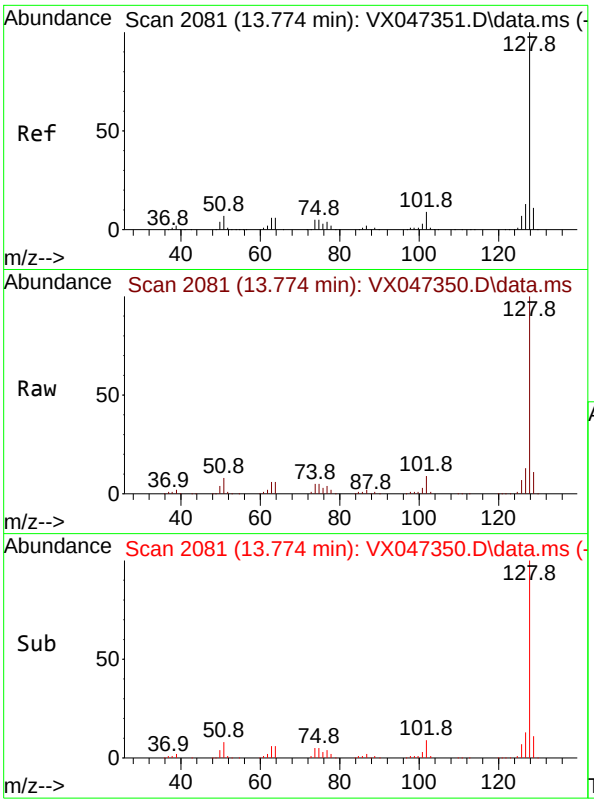


#94
Hexachlorobutadiene
Concen: 18.738 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion:225 Resp: 30481

Ion	Ratio	Lower	Upper
225	100		
223	63.5	32.2	96.6
227	60.9	31.6	95.0

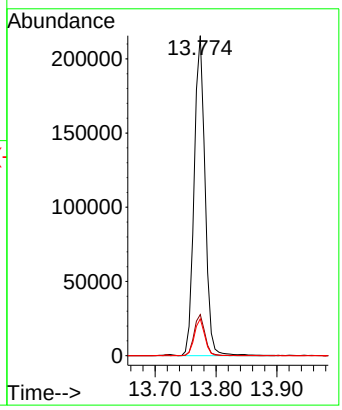




#95
Naphthalene
Concen: 20.495 ug/l
RT: 13.774 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion:128 Resp: 26766

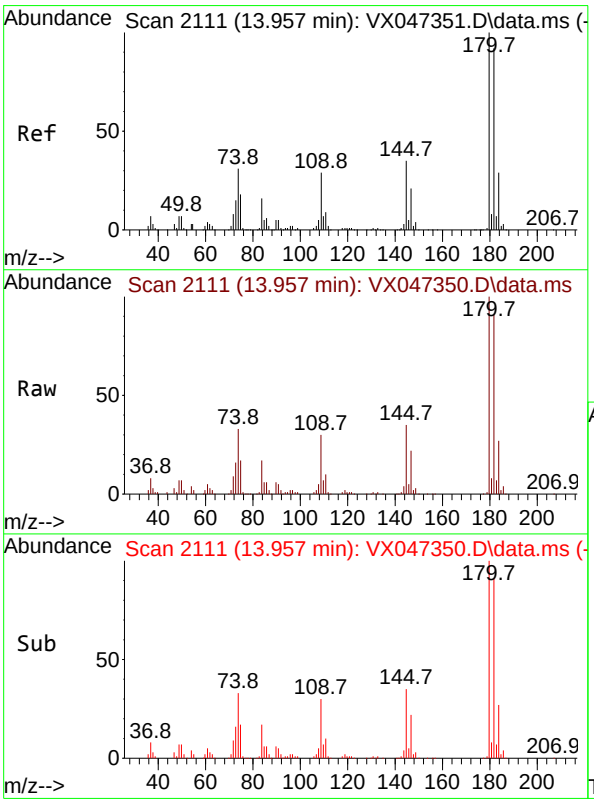
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.1	15.1
129	11.0	8.7	13.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

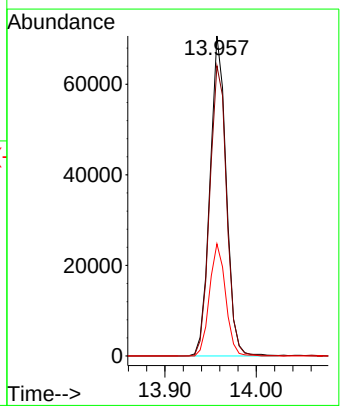
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#96
1,2,3-Trichlorobenzene
Concen: 20.261 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion:180 Resp: 87275

Ion	Ratio	Lower	Upper
180	100		
182	93.8	48.0	144.2
145	34.6	17.4	52.2



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047351.D
Acq On : 15 Aug 2025 10:22
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

Quant Time: Aug 18 02:53:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 02:51:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.568	168	238847	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	405572	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	363128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	177366	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	167238	50.030	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.060%			
35) Dibromofluoromethane	5.397	113	134437	51.074	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.140%			
50) Toluene-d8	8.653	98	475041	50.492	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.980%			
62) 4-Bromofluorobenzene	11.079	95	173764	50.050	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.100%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	174629	57.354	ug/l	100
3) Chloromethane	1.313	50	148962	54.385	ug/l	100
4) Vinyl Chloride	1.392	62	191163	55.604	ug/l	100
5) Bromomethane	1.630	94	80221	57.770	ug/l	100
6) Chloroethane	1.709	64	110475	52.521	ug/l	100
7) Trichlorofluoromethane	1.904	101	283655	55.781	ug/l	100
8) Diethyl Ether	2.148	74	99184	55.393	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.349	101	166491	56.441	ug/l	100
10) Methyl Iodide	2.471	142	277741	54.943	ug/l	100
11) Tert butyl alcohol	2.959	59	81382	279.856	ug/l	100
12) 1,1-Dichloroethene	2.337	96	166359	55.319	ug/l	100
13) Acrolein	2.251	56	157735	256.954	ug/l	100
14) Allyl chloride	2.678	41	289338	55.394	ug/l	100
15) Acrylonitrile	3.081	53	405784	288.775	ug/l	100
16) Acetone	2.392	43	334538	266.252	ug/l	100
17) Carbon Disulfide	2.532	76	476020	52.455	ug/l	100
18) Methyl Acetate	2.715	43	183721	56.425	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	519477	56.782	ug/l	100
20) Methylene Chloride	2.806	84	180921	54.377	ug/l	100
21) trans-1,2-Dichloroethene	3.105	96	173226	54.272	ug/l	100
22) Diisopropyl ether	3.776	45	587571	56.909	ug/l	100
23) Vinyl Acetate	3.733	43	2436350	287.897	ug/l	100
24) 1,1-Dichloroethane	3.623	63	323982	55.516	ug/l	100
25) 2-Butanone	4.568	43	464136	282.051	ug/l	100
26) 2,2-Dichloropropane	4.495	77	242859	55.137	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	202109	54.366	ug/l	100
28) Bromochloromethane	4.910	49	129079	53.153	ug/l	100
29) Tetrahydrofuran	5.025	42	293474	275.925	ug/l	100
30) Chloroform	5.105	83	326781	54.867	ug/l	100
31) Cyclohexane	5.483	56	288914	53.705	ug/l	100
32) 1,1,1-Trichloroethane	5.397	97	285500	55.692	ug/l	100
36) 1,1-Dichloropropene	5.708	75	228086	54.893	ug/l	100
37) Ethyl Acetate	4.721	43	239310	55.477	ug/l	100
38) Carbon Tetrachloride	5.690	117	246368	54.258	ug/l	100
39) Methylcyclohexane	7.391	83	281960	54.402	ug/l	100
40) Benzene	6.050	78	689965	55.477	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047351.D
Acq On : 15 Aug 2025 10:22
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 18 02:53:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 02:51:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	104680	57.547	ug/l	100
42) 1,2-Dichloroethane	6.098	62	243489	55.271	ug/l	100
43) Isopropyl Acetate	6.348	43	352090	56.817	ug/l	100
44) Trichloroethene	7.135	130	175409	55.081	ug/l	100
45) 1,2-Dichloropropane	7.433	63	170556	54.740	ug/l	100
46) Dibromomethane	7.586	93	122428	54.124	ug/l	100
47) Bromodichloromethane	7.824	83	257393	54.888	ug/l	100
48) Methyl methacrylate	7.696	41	180568	56.136	ug/l	100
49) 1,4-Dioxane	7.677	88	36298	1188.274	ug/l	100
51) 4-Methyl-2-Pentanone	8.573	43	1031709	289.311	ug/l	100
52) Toluene	8.720	92	428577	55.767	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	237021	57.913	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	260352	56.202	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	160439	54.984	ug/l	100
56) Ethyl methacrylate	9.116	69	250221	58.164	ug/l	100
57) 1,3-Dichloropropane	9.311	76	271755	54.656	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	555513	269.738	ug/l	100
59) 2-Hexanone	9.433	43	703268	285.099	ug/l	100
60) Dibromochloromethane	9.518	129	188384	54.326	ug/l	100
61) 1,2-Dibromoethane	9.610	107	165776	55.095	ug/l	100
64) Tetrachloroethene	9.275	164	144361	54.962	ug/l	100
65) Chlorobenzene	10.079	112	467009	54.119	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	160305	54.954	ug/l	100
67) Ethyl Benzene	10.195	91	826783	55.667	ug/l	100
68) m/p-Xylenes	10.299	106	622895	112.475	ug/l	100
69) o-Xylene	10.640	106	295290	55.407	ug/l	100
70) Styrene	10.652	104	512239	56.883	ug/l	100
71) Bromoform	10.799	173	121692	55.530	ug/l	100
73) Isopropylbenzene	10.963	105	780181	56.210	ug/l	100
74) N-amyl acetate	10.841	43	306720	58.194	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	225063	55.228	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	179785m	55.266	ug/l	
77) Bromobenzene	11.195	156	186832	55.124	ug/l	100
78) n-propylbenzene	11.299	91	918573	55.413	ug/l	100
79) 2-Chlorotoluene	11.360	91	549070	54.793	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	636323	55.720	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	35295	47.608	ug/l	100
82) 4-Chlorotoluene	11.451	91	643830	54.505	ug/l	100
83) tert-Butylbenzene	11.713	119	641951	56.344	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	646548	56.614	ug/l	100
85) sec-Butylbenzene	11.890	105	783341	55.470	ug/l	100
86) p-Isopropyltoluene	12.006	119	660872	55.303	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	351718	54.320	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	352196	52.886	ug/l	100
89) n-Butylbenzene	12.329	91	610840	54.957	ug/l	100
90) Hexachloroethane	12.536	117	115780	55.228	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	330287	53.742	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	43861	55.654	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	218820	53.111	ug/l	100
94) Hexachlorobutadiene	13.725	225	71744	48.921	ug/l	100
95) Naphthalene	13.774	128	670303	56.930	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	208179	53.605	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047351.D
Acq On : 15 Aug 2025 10:22
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

Quant Time: Aug 18 02:53:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 02:51:35 2025
Response via : Initial Calibration

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

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

ICAL Form

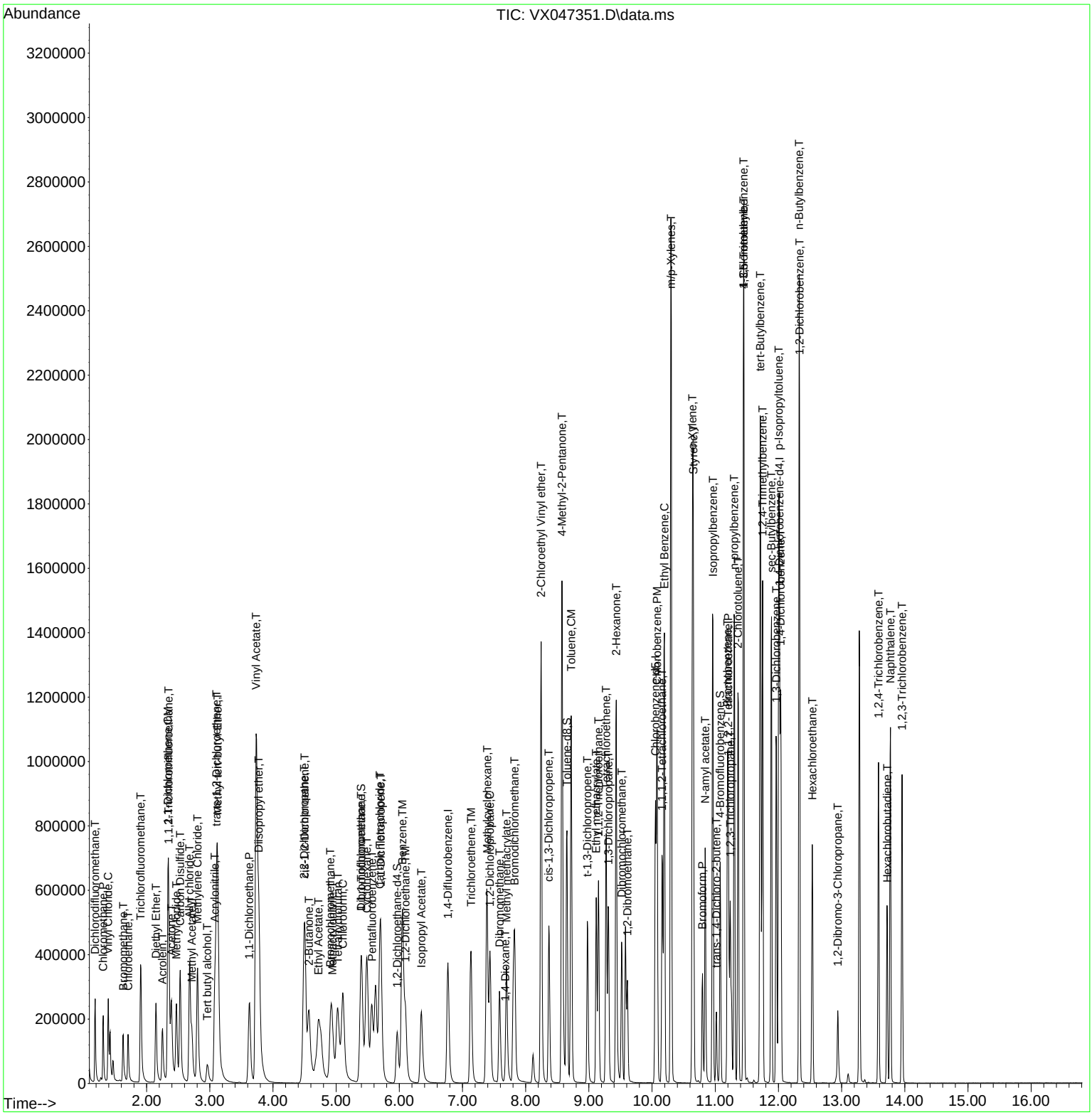
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047351.D
Acq On : 15 Aug 2025 10:22
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

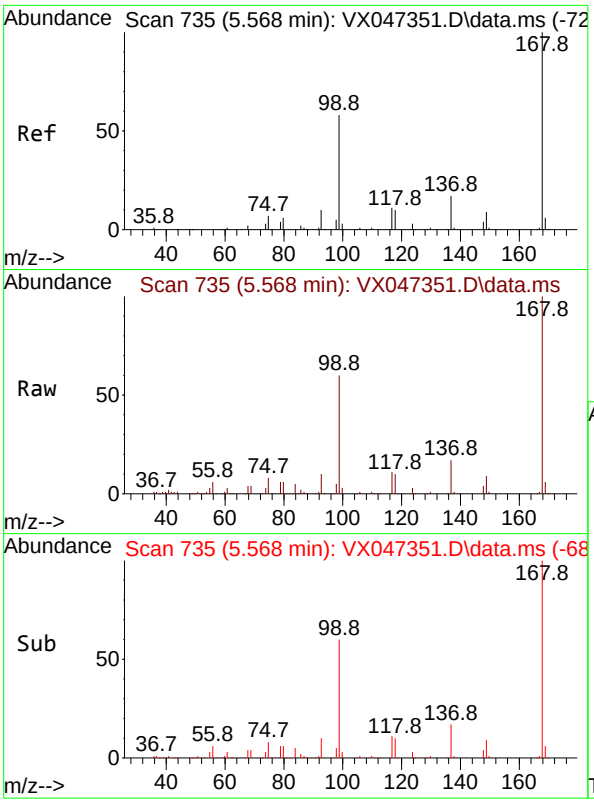
Quant Time: Aug 18 02:53:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 02:51:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

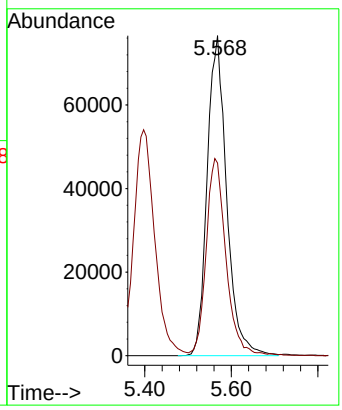




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion:168 Resp: 23884

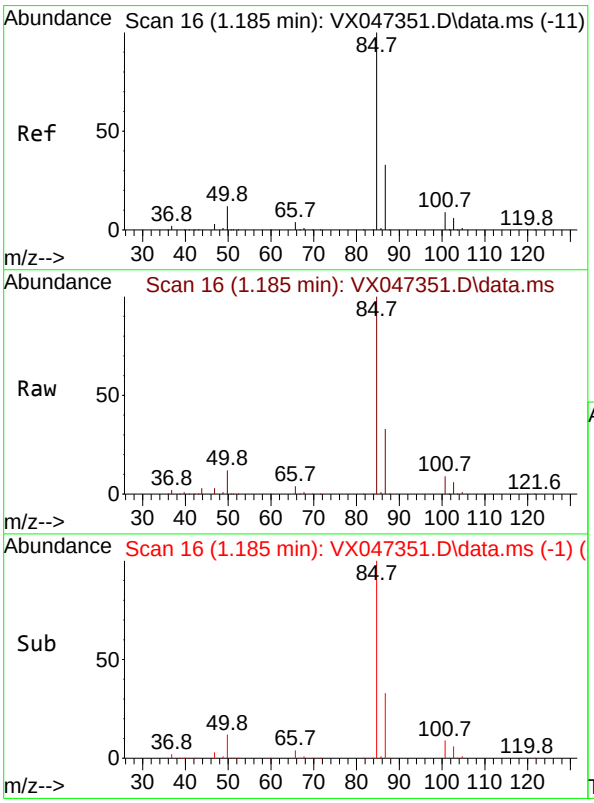
Ion	Ratio	Lower	Upper
168	100		
99	59.9	47.9	71.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

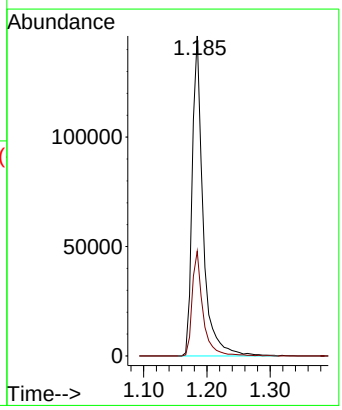
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

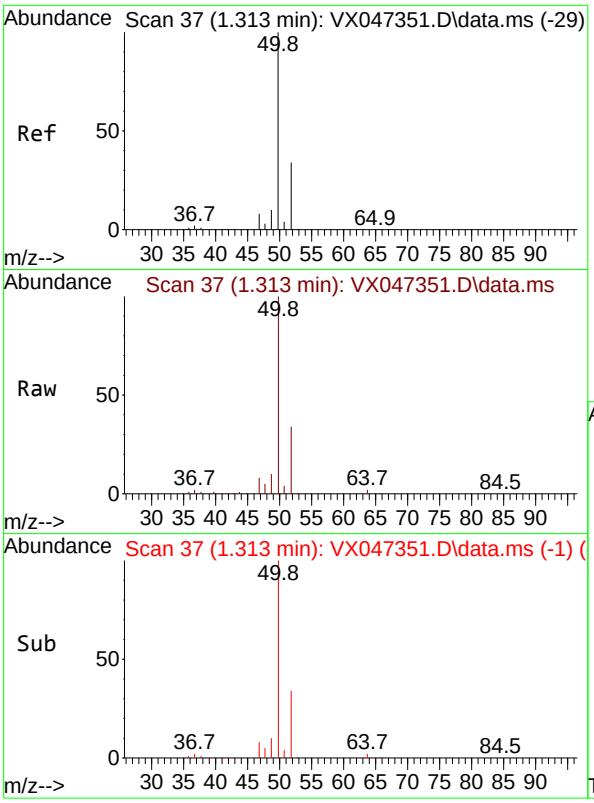


#2
Dichlorodifluoromethane
Concen: 57.354 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 85 Resp: 174629

Ion	Ratio	Lower	Upper
85	100		
87	32.7	16.4	49.1

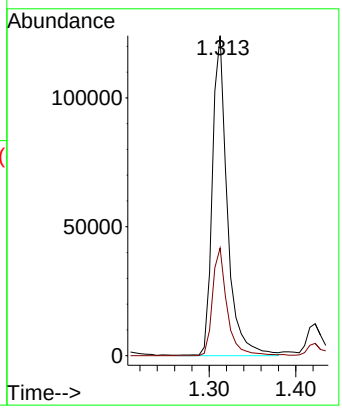




#3
Chloromethane
Concen: 54.385 ug/l
RT: 1.313 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 50 Resp: 14896

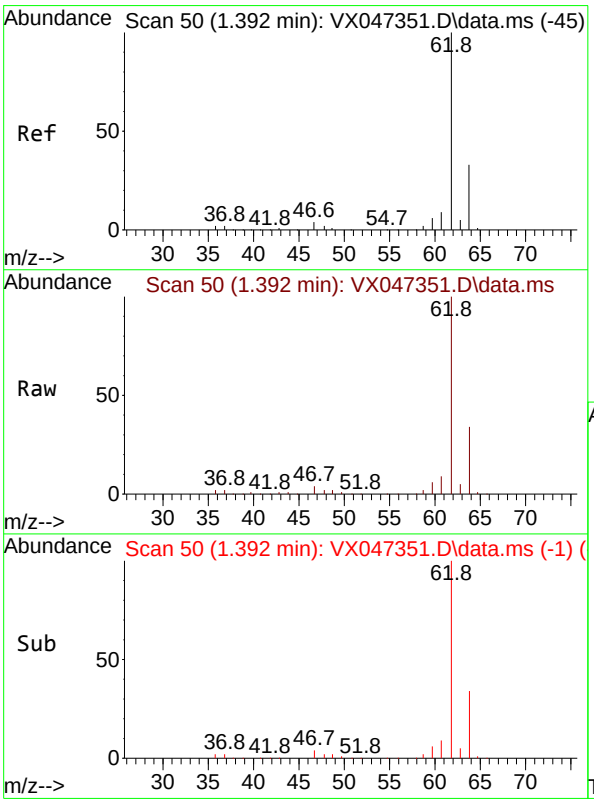
Ion	Ratio	Lower	Upper
50	100		
52	33.7	27.0	40.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

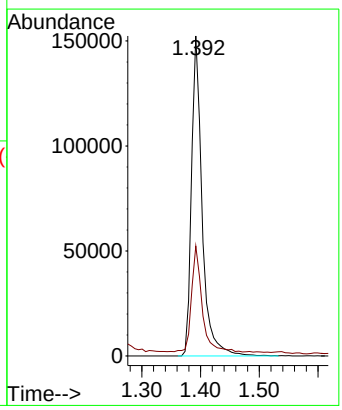
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

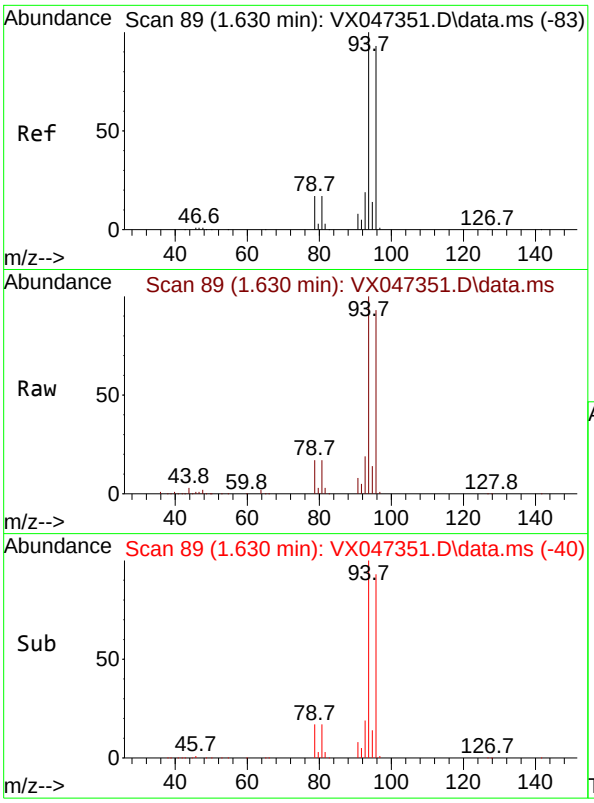


#4
Vinyl Chloride
Concen: 55.604 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 62 Resp: 191163

Ion	Ratio	Lower	Upper
62	100		
64	33.1	26.5	39.7

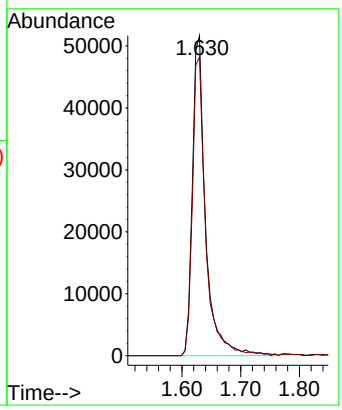




#5
Bromomethane
Concen: 57.770 ug/l
RT: 1.630 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 94 Resp: 8022

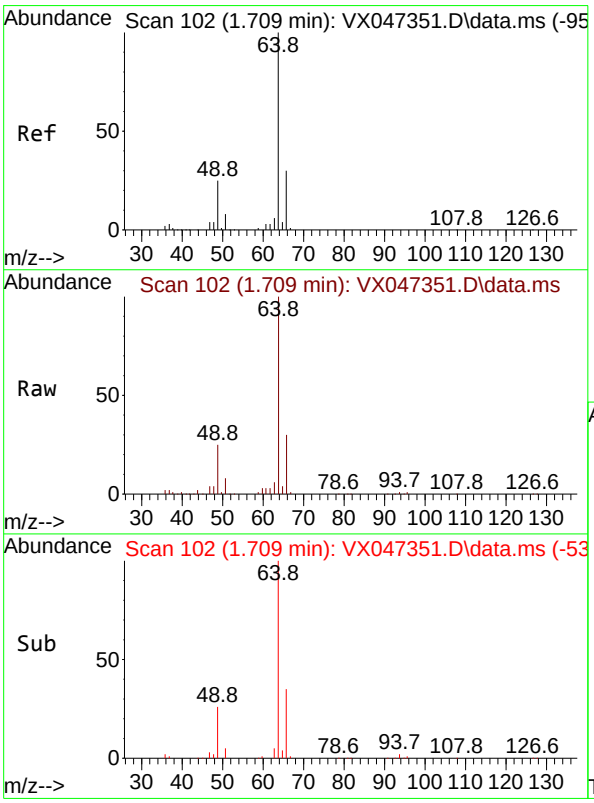
Ion	Ratio	Lower	Upper
94	100		
96	93.4	74.7	112.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

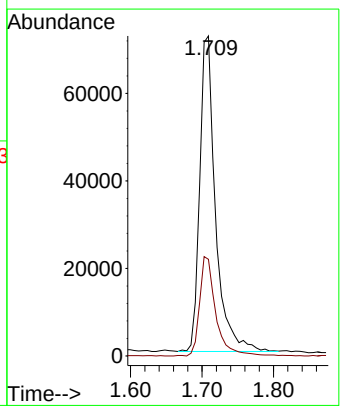
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

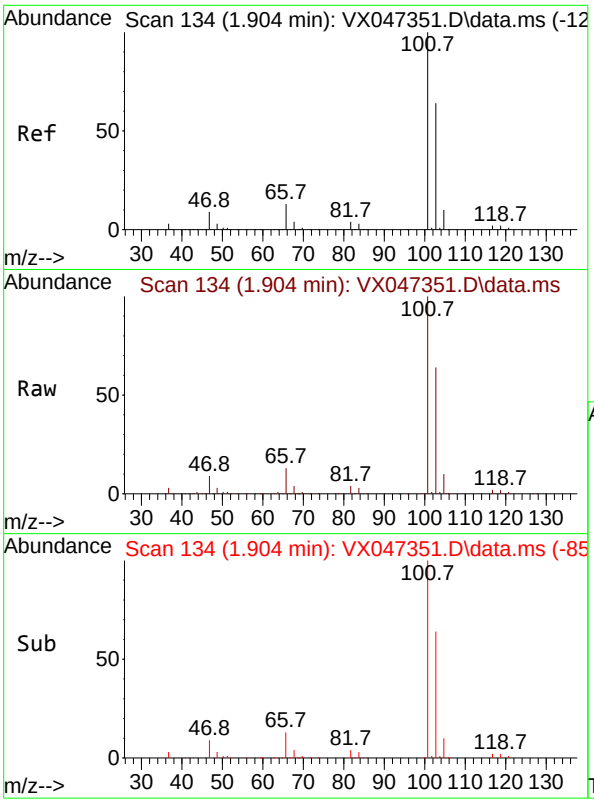


#6
Chloroethane
Concen: 52.521 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 64 Resp: 110475

Ion	Ratio	Lower	Upper
64	100		
66	30.5	24.4	36.6

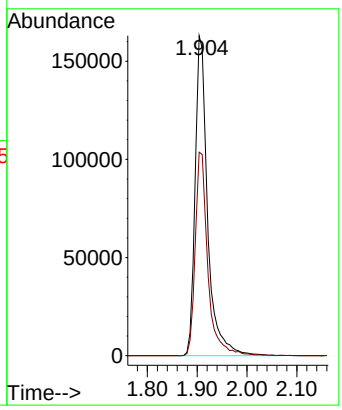




#7
Trichlorofluoromethane
Concen: 55.781 ug/l
RT: 1.904 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion:101 Resp: 28365

Ion	Ratio	Lower	Upper
101	100		
103	63.6	50.9	76.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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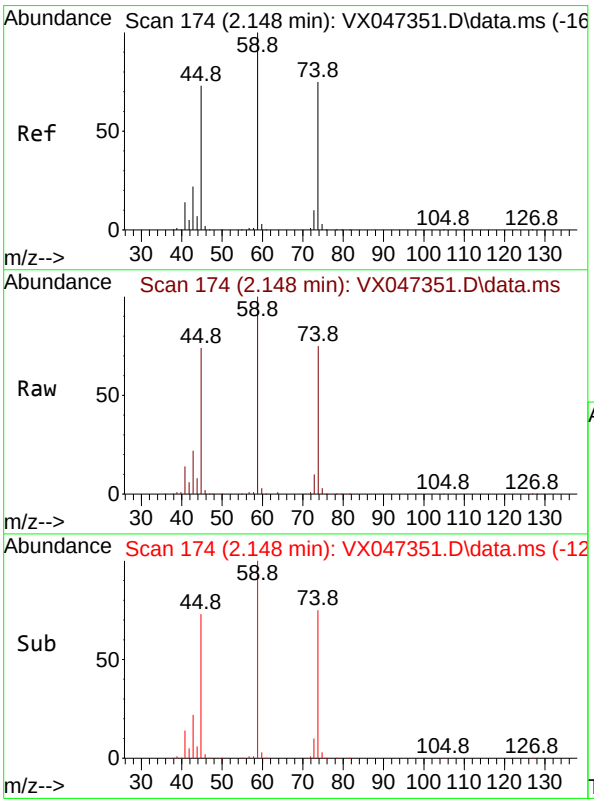
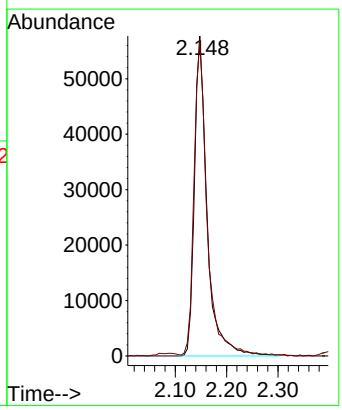
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

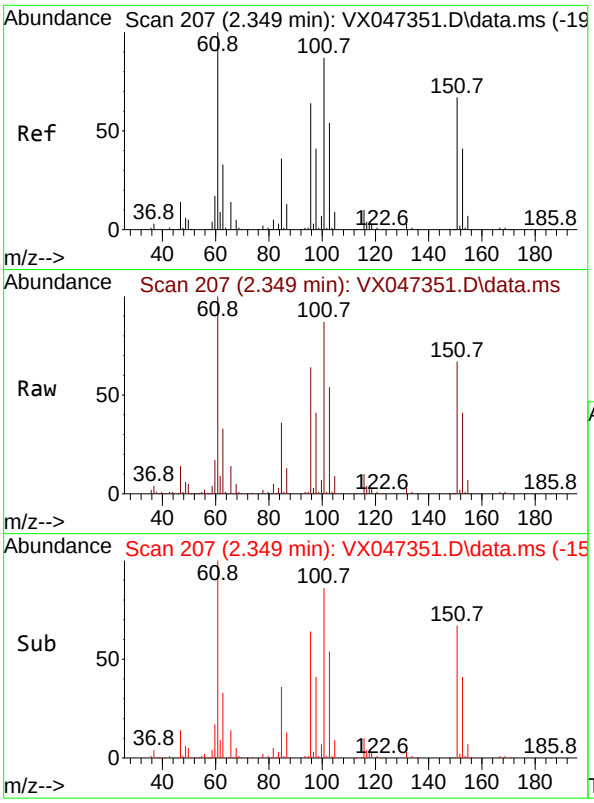


#8
Diethyl Ether
Concen: 55.393 ug/l
RT: 2.148 min Scan# 174
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 74 Resp: 99184

Ion	Ratio	Lower	Upper
74	100		
45	102.7	51.3	154.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.441 ug/l
RT: 2.349 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion:101 Resp: 16649

Ion	Ratio	Lower	Upper
101	100		
85	42.9	34.3	51.5
151	74.0	59.2	88.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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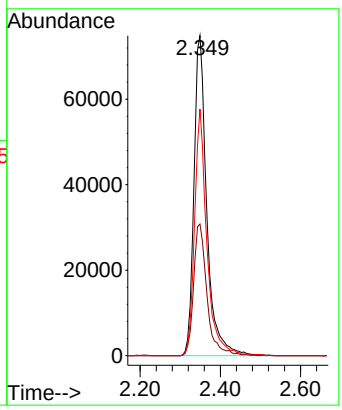
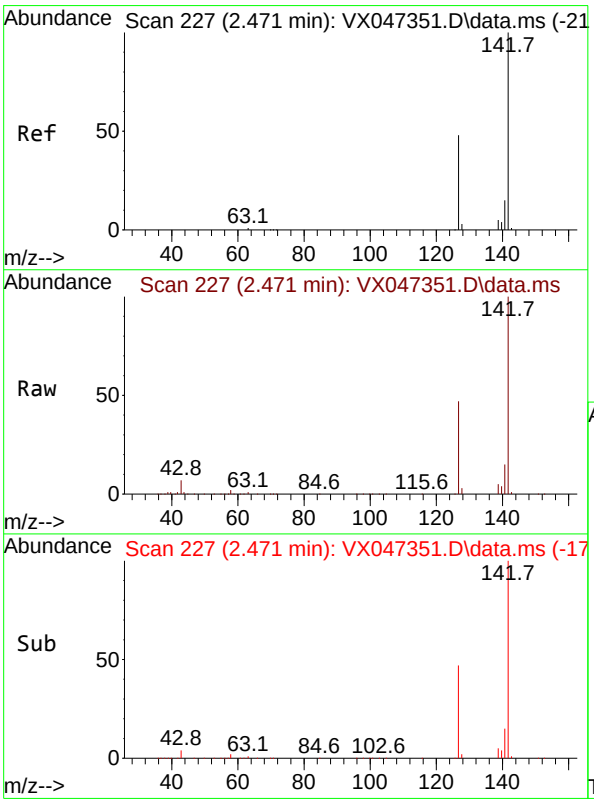
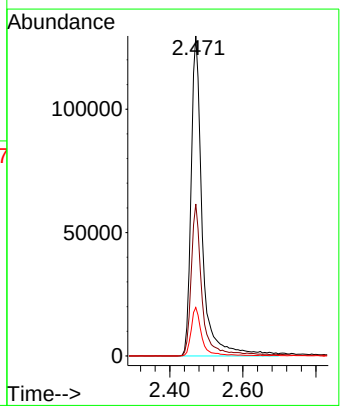


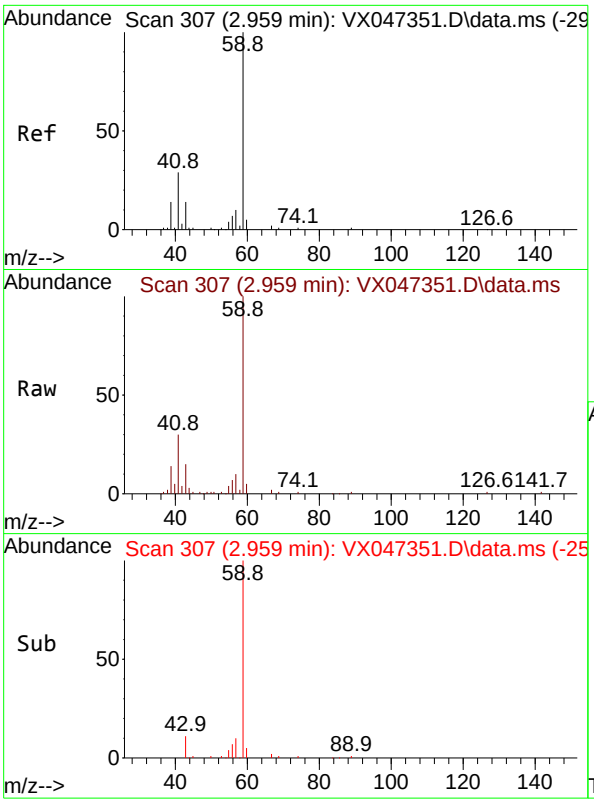


#10
Methyl Iodide
Concen: 54.943 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion:142 Resp: 277741

Ion	Ratio	Lower	Upper
142	100		
127	45.1	36.1	54.1
141	13.9	11.1	16.7

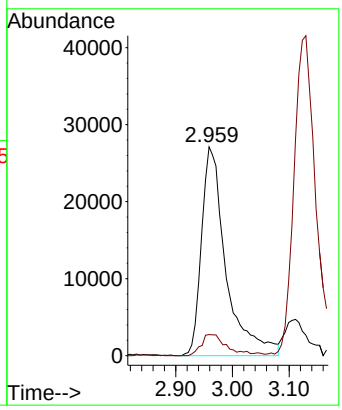




#11
Tert butyl alcohol
Concen: 279.856 ug/l
RT: 2.959 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 59 Resp: 8138

Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.3	12.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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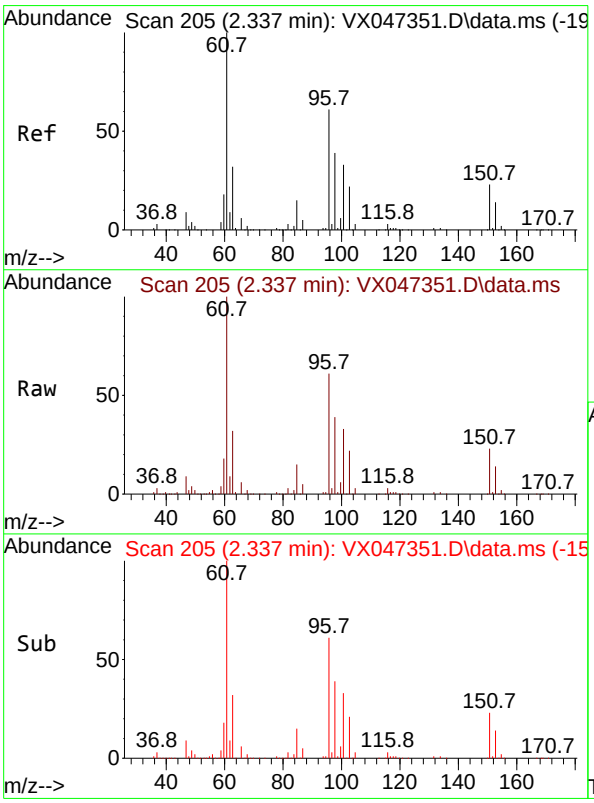
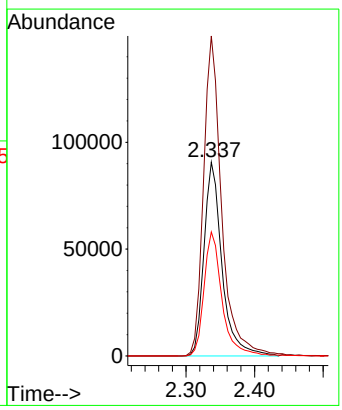
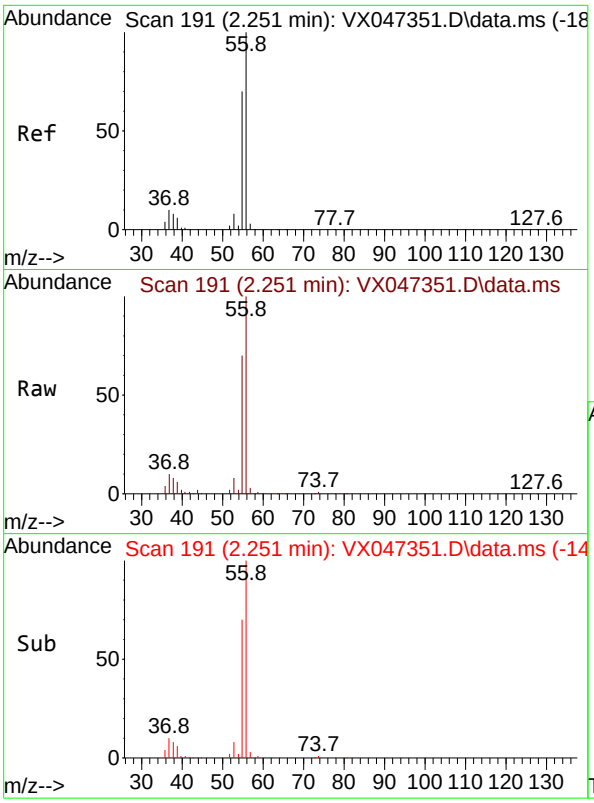


#12
1,1-Dichloroethene
Concen: 55.319 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 96 Resp: 166359

Ion	Ratio	Lower	Upper
96	100		
61	165.2	132.2	198.2
98	64.0	51.2	76.8





#13
Acrolein
Concen: 256.954 ug/l
RT: 2.251 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 56 Resp: 15773

Ion	Ratio	Lower	Upper
56	100		
55	69.4	55.5	83.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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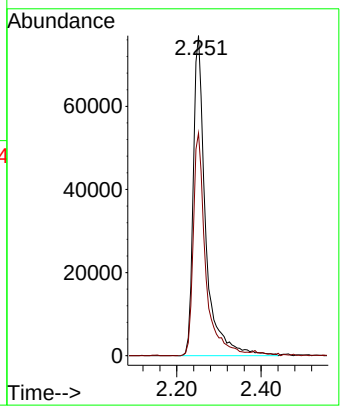
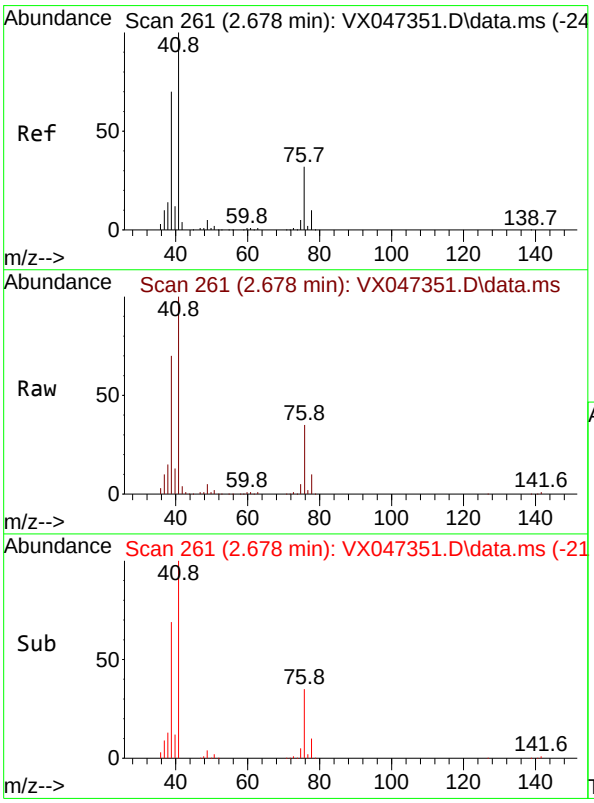
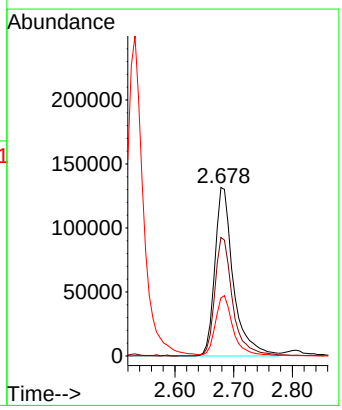


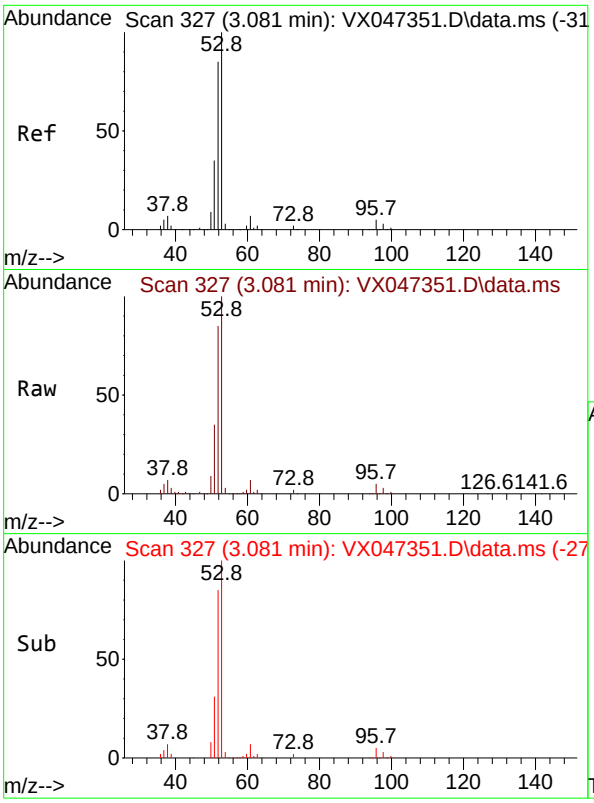


#14
Allyl chloride
Concen: 55.394 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 41 Resp: 289338

Ion	Ratio	Lower	Upper
41	100		
39	68.2	54.6	81.8
76	34.5	27.6	41.4





#15
Acrylonitrile
Concen: 288.775 ug/l
RT: 3.081 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 53 Resp: 40578

Ion	Ratio	Lower	Upper
53	100		
52	82.2	65.8	98.6
51	35.2	28.2	42.2

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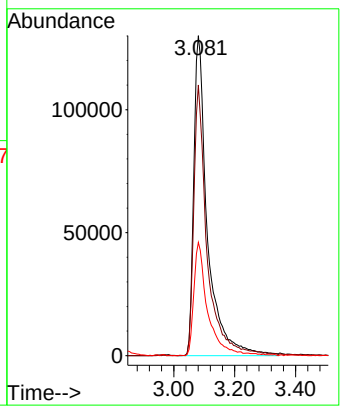
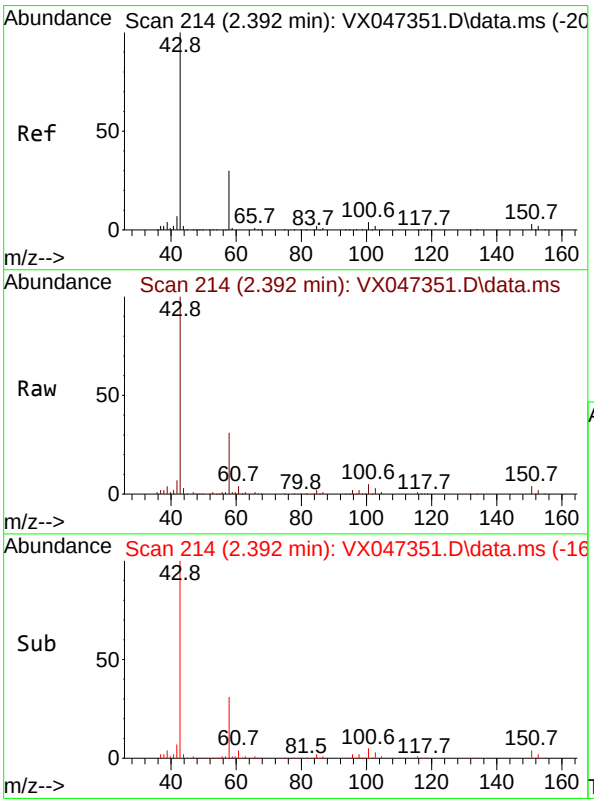
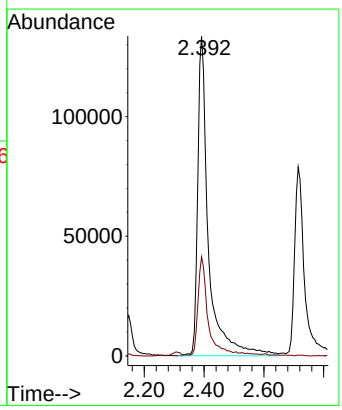


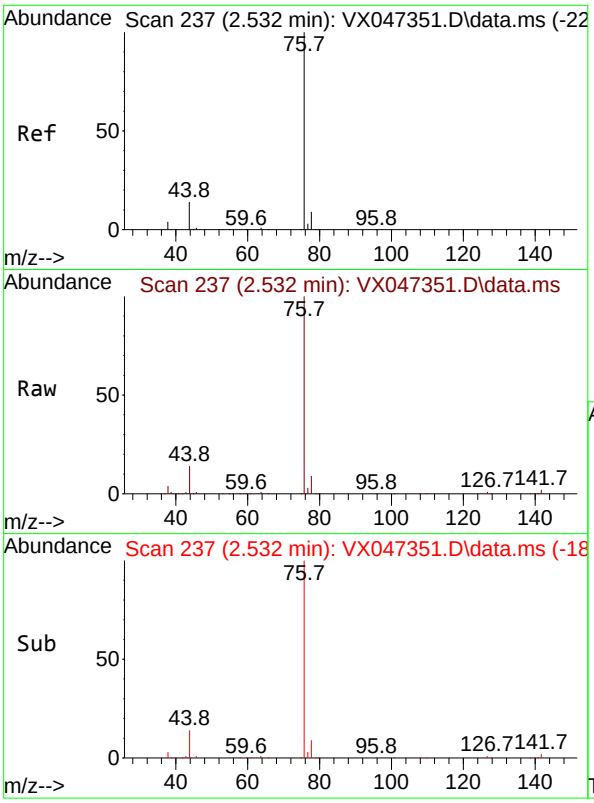


#16
Acetone
Concen: 266.252 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 43 Resp: 334538

Ion	Ratio	Lower	Upper
43	100		
58	31.0	24.8	37.2





#17
Carbon Disulfide
Concen: 52.455 ug/l
RT: 2.532 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 76 Resp: 47602

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.2	10.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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Reviewed By :John Carlone 08/18/2025
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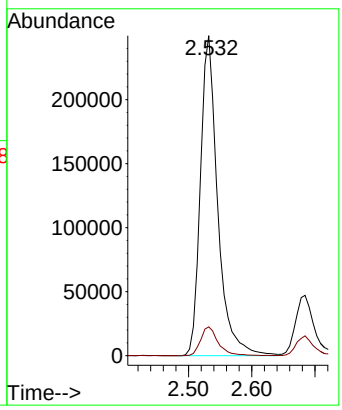
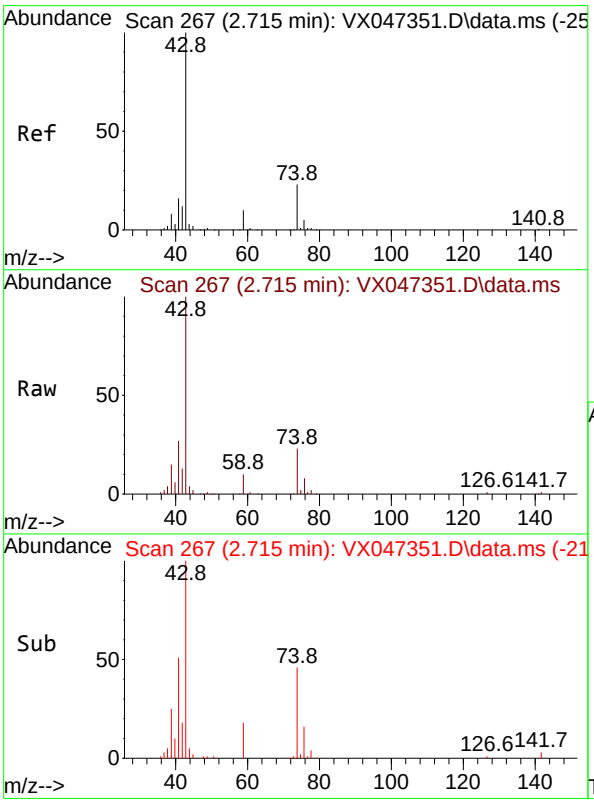
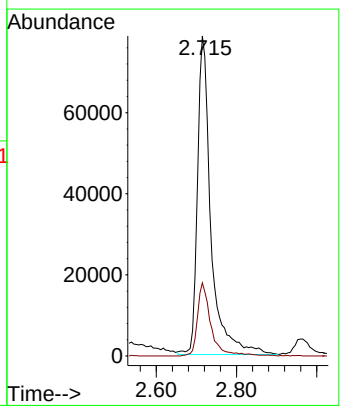


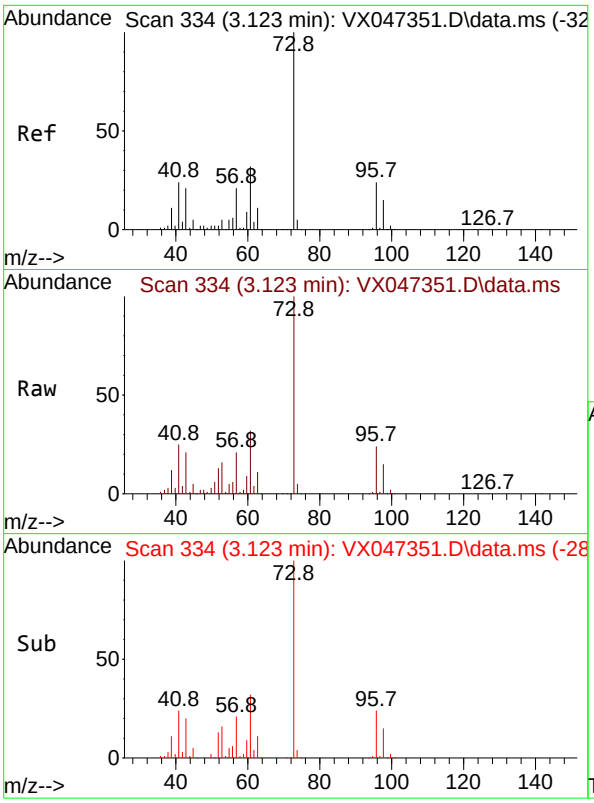


#18
Methyl Acetate
Concen: 56.425 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 43 Resp: 183721

Ion	Ratio	Lower	Upper
43	100		
74	23.0	18.4	27.6





#19
Methyl tert-butyl Ether
Concen: 56.782 ug/l
RT: 3.123 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 73 Resp: 51947

Ion	Ratio	Lower	Upper
73	100		
57	21.3	17.0	25.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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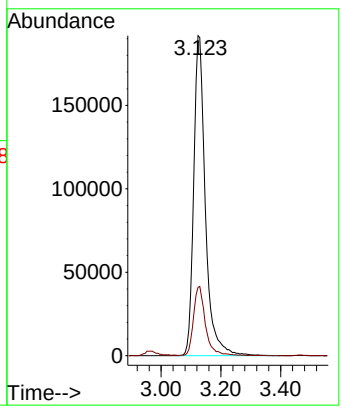
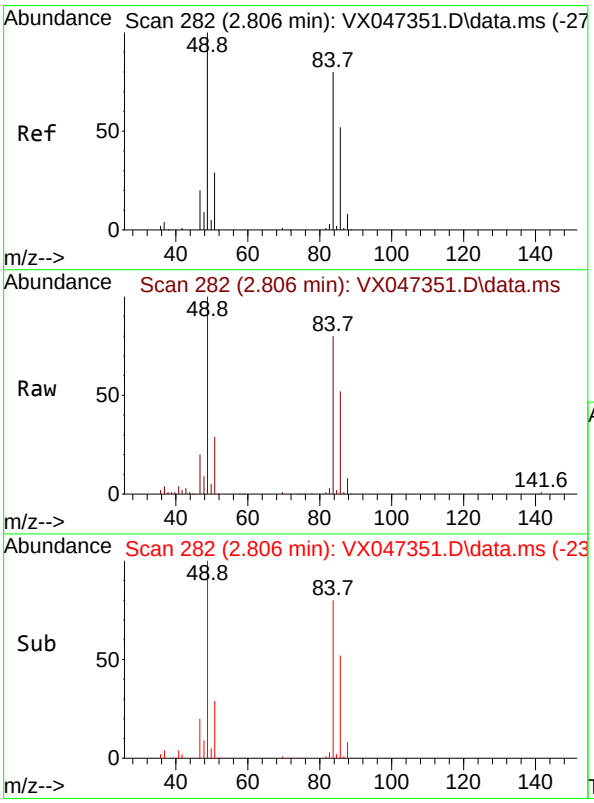
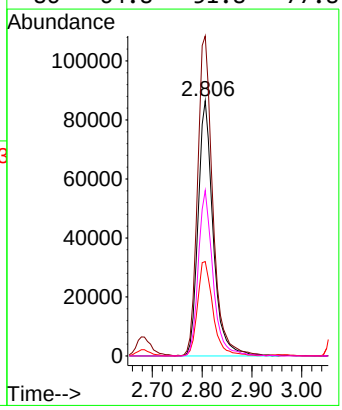


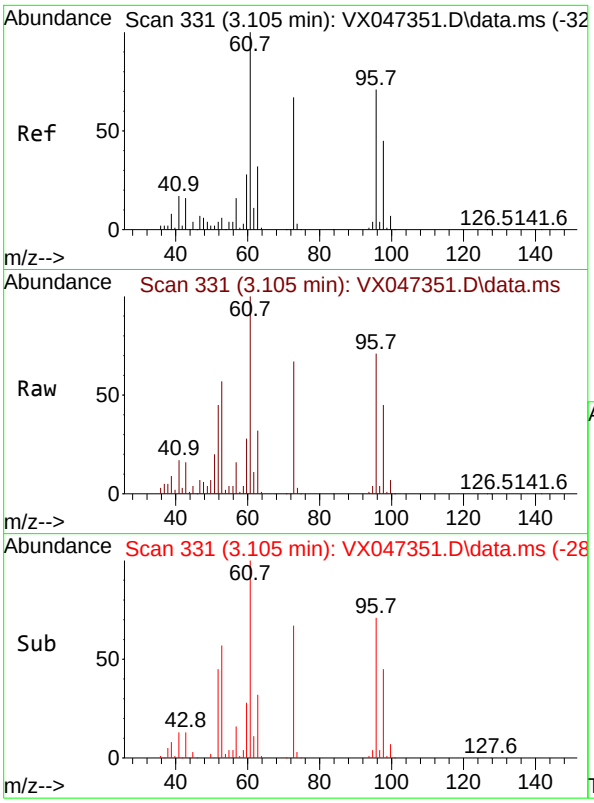


#20
Methylene Chloride
Concen: 54.377 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 84 Resp: 180921

Ion	Ratio	Lower	Upper
84	100		
49	125.1	100.1	150.1
51	36.9	29.5	44.3
86	64.8	51.8	77.8

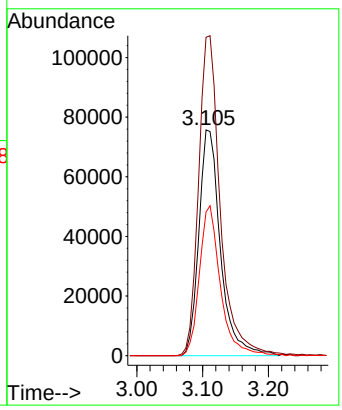




#21
trans-1,2-Dichloroethene
Concen: 54.272 ug/l
RT: 3.105 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 96 Resp: 17322

Ion	Ratio	Lower	Upper
96	100		
61	140.8	112.6	169.0
98	63.6	50.9	76.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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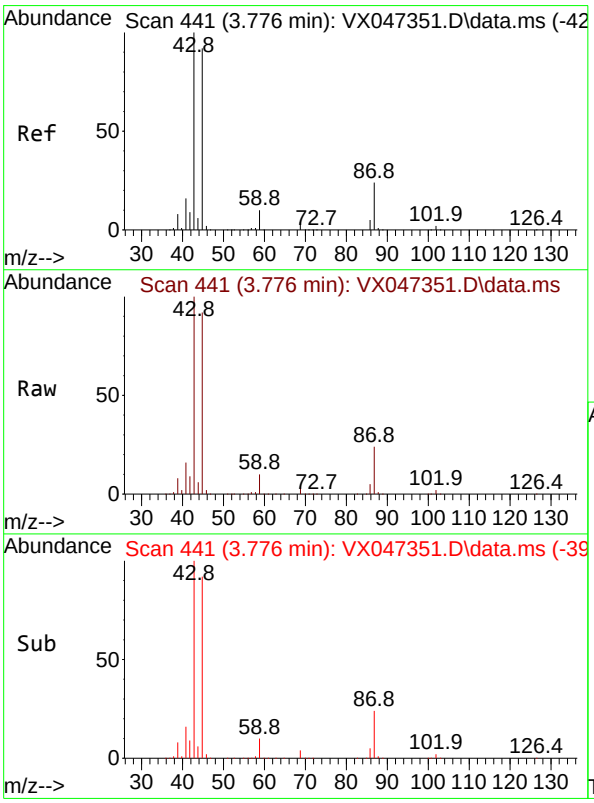
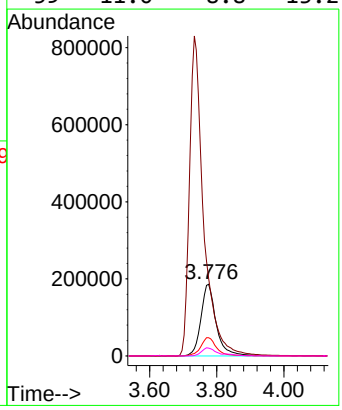
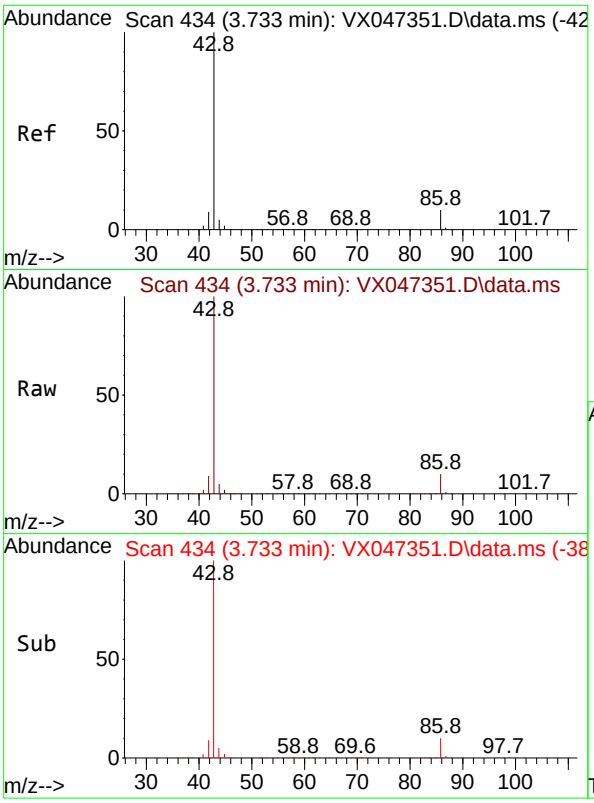


#22
Diisopropyl ether
Concen: 56.909 ug/l
RT: 3.776 min Scan# 441
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 45 Resp: 587571

Ion	Ratio	Lower	Upper
45	100		
43	108.5	86.8	130.2
87	25.5	20.4	30.6
59	11.0	8.8	13.2





#23
Vinyl Acetate
Concen: 287.897 ug/l
RT: 3.733 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 43 Resp: 243635

Ion	Ratio	Lower	Upper
43	100		
86	9.9	7.9	11.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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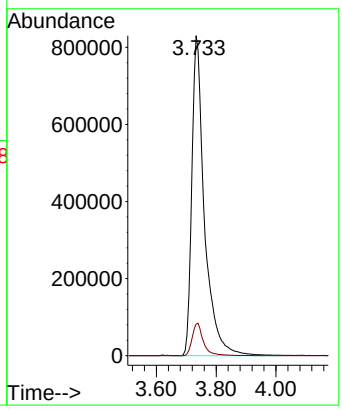
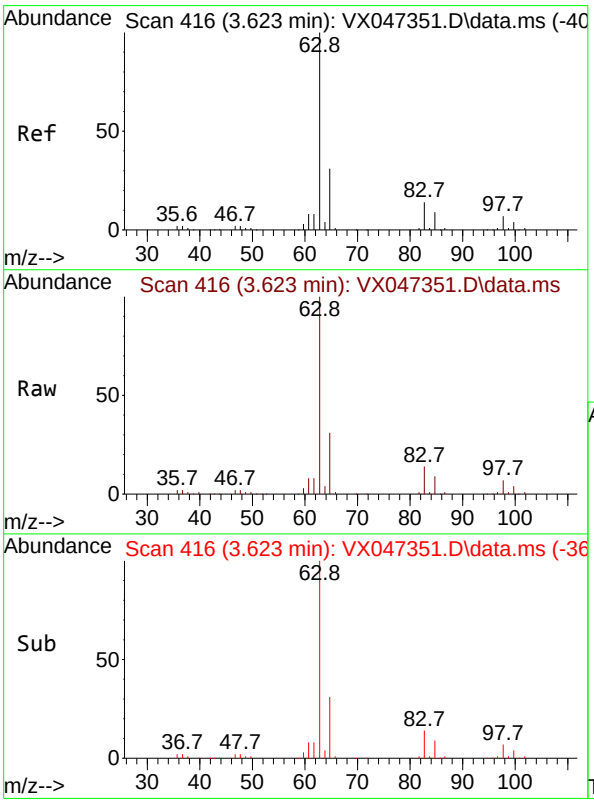
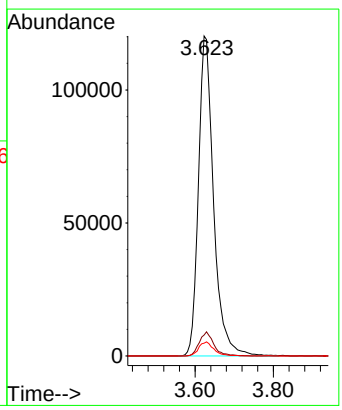


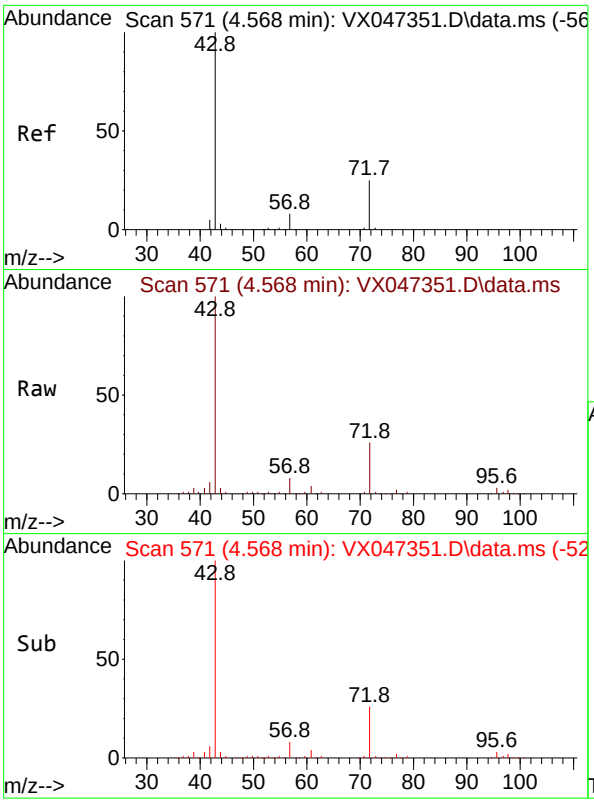


#24
1,1-Dichloroethane
Concen: 55.516 ug/l
RT: 3.623 min Scan# 416
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 63 Resp: 323982

Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.3	9.9
100	4.2	2.1	6.3

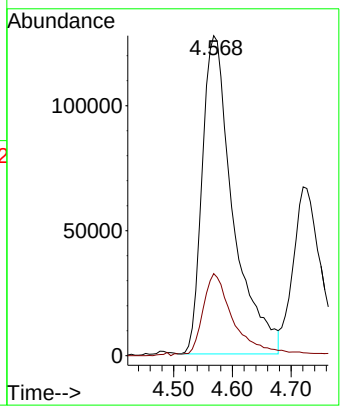




#25
2-Butanone
Concen: 282.051 ug/l
RT: 4.568 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 43 Resp: 46413

Ion	Ratio	Lower	Upper
43	100		
72	24.8	19.8	29.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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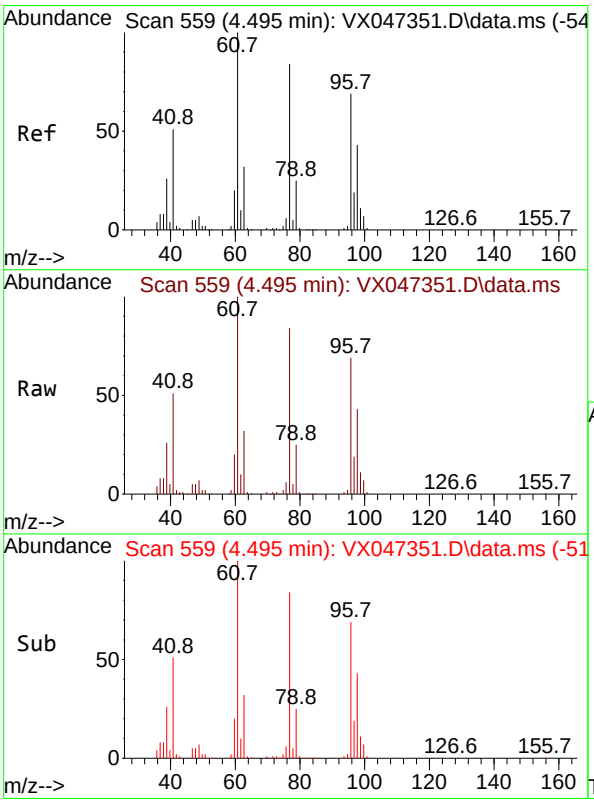
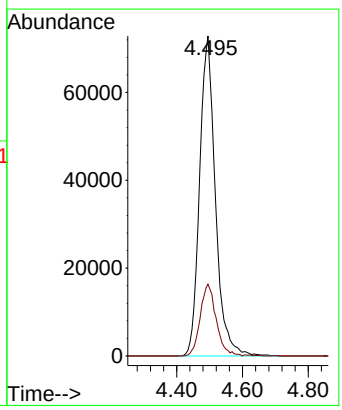
Supervised By :Mahesh Dadoda 08/19/2025

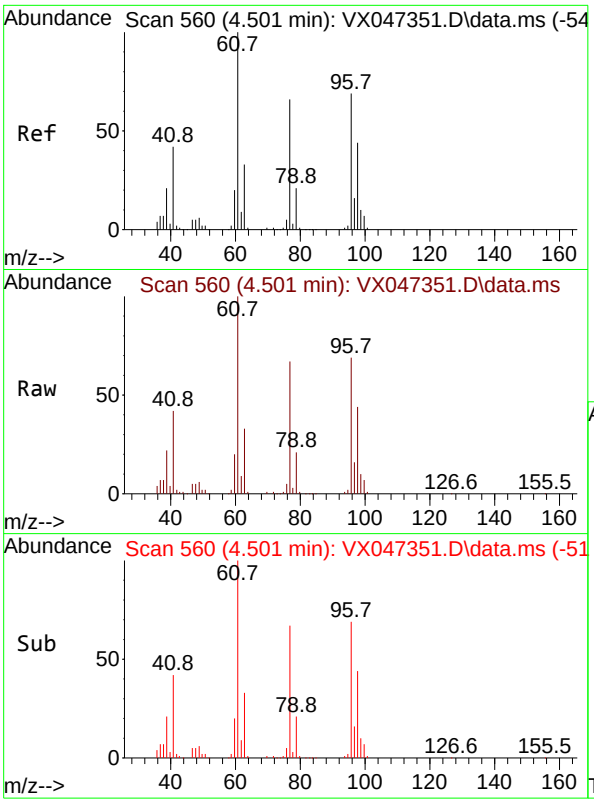


#26
2,2-Dichloropropane
Concen: 55.137 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 77 Resp: 242859

Ion	Ratio	Lower	Upper
77	100		
97	22.7	11.4	34.1

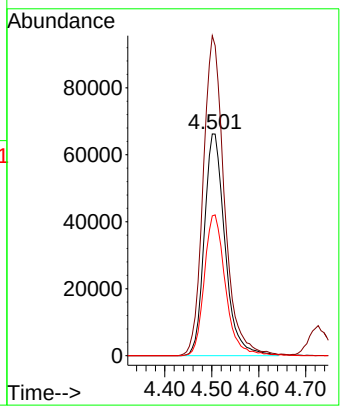




#27
cis-1,2-Dichloroethene
Concen: 54.366 ug/l
RT: 4.501 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 96 Resp: 20210

Ion	Ratio	Lower	Upper
96	100		
61	148.3	0.0	296.6
98	65.2	0.0	130.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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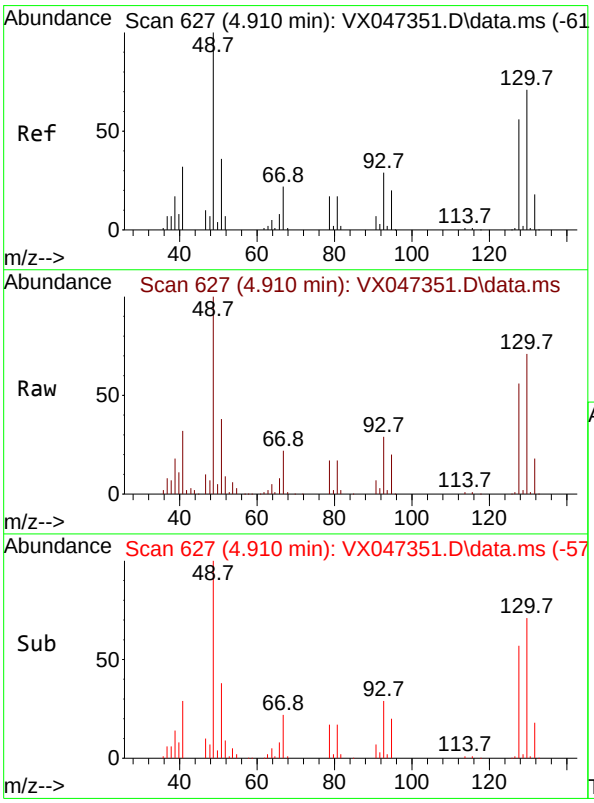
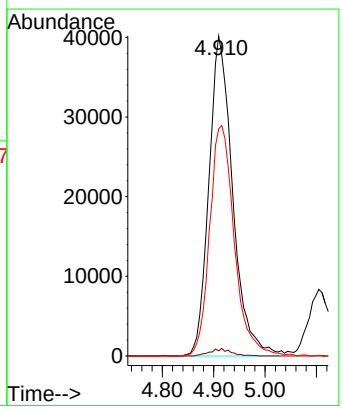
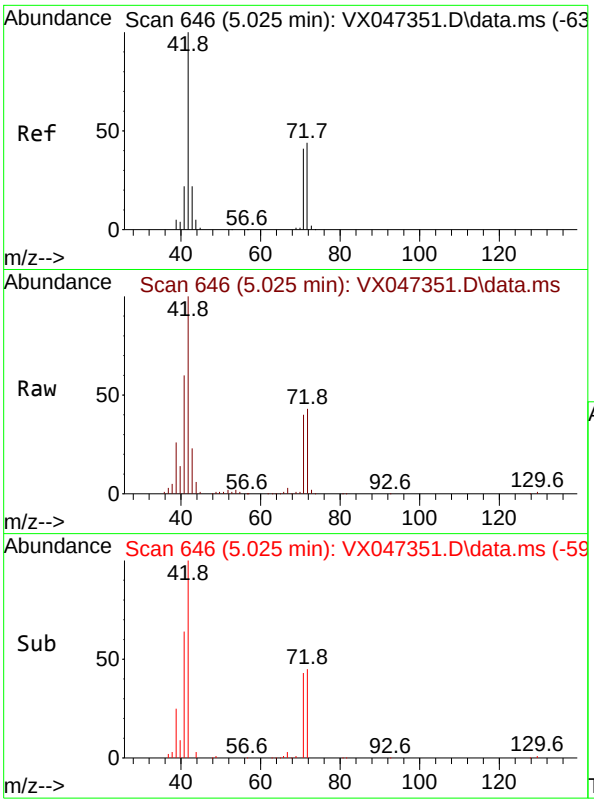


#28
Bromochloromethane
Concen: 53.153 ug/l
RT: 4.910 min Scan# 627
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 49 Resp: 129079

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	74.7	59.8	89.6

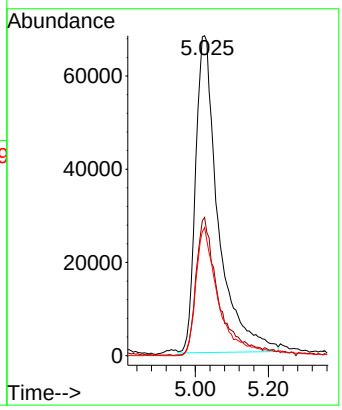




#29
Tetrahydrofuran
Concen: 275.925 ug/l
RT: 5.025 min Scan# 64
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 42 Resp: 29347

Ion	Ratio	Lower	Upper
42	100		
72	43.2	34.6	51.8
71	40.8	32.6	49.0



Instrument :
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ClientSampleId :
VSTDICCC050

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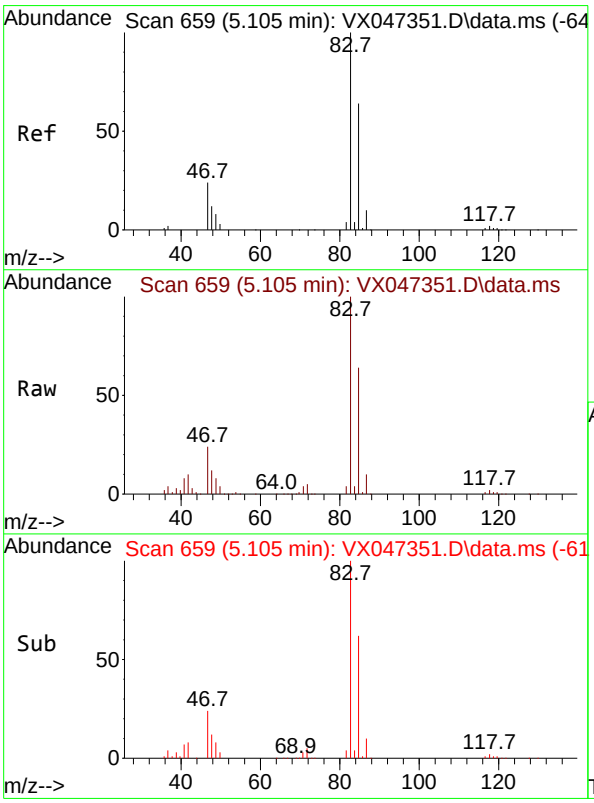
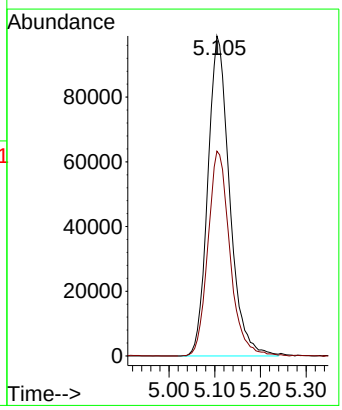
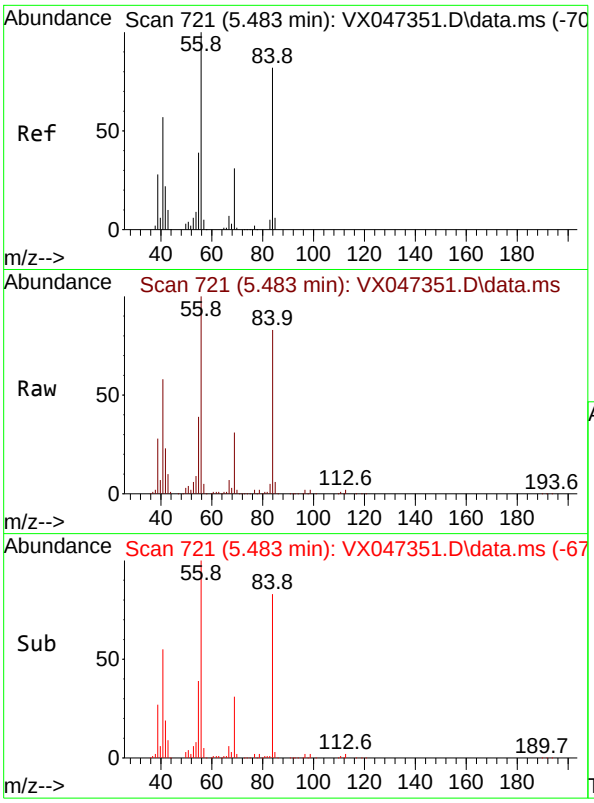


#30
Chloroform
Concen: 54.867 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 83 Resp: 326781

Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.2	76.8

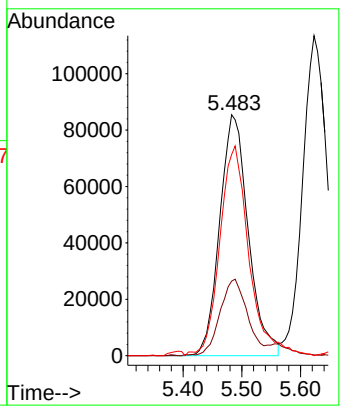




#31
Cyclohexane
Concen: 53.705 ug/l
RT: 5.483 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 56 Resp: 28891

Ion	Ratio	Lower	Upper
56	100		
69	30.4	24.3	36.5
84	81.6	65.3	97.9



Instrument :
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ClientSampleId :
VSTDICCC050

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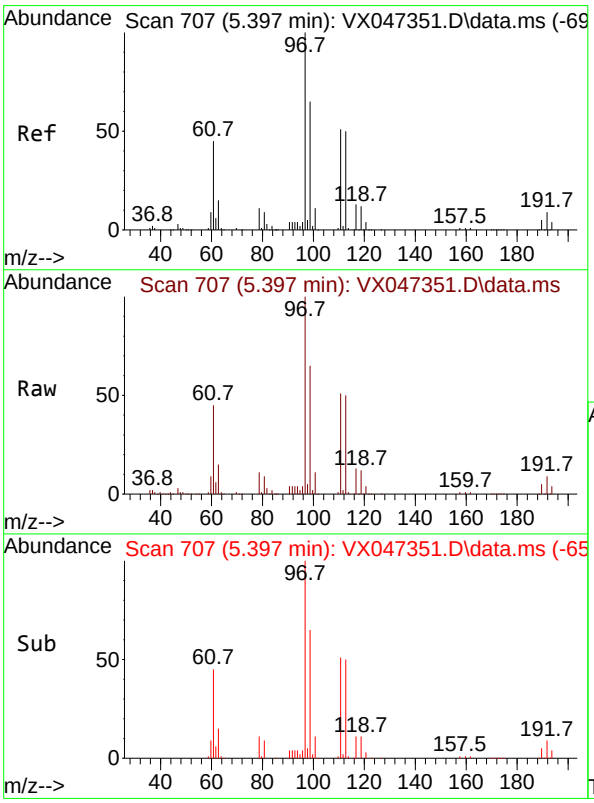
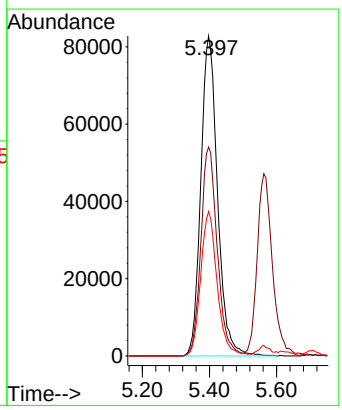
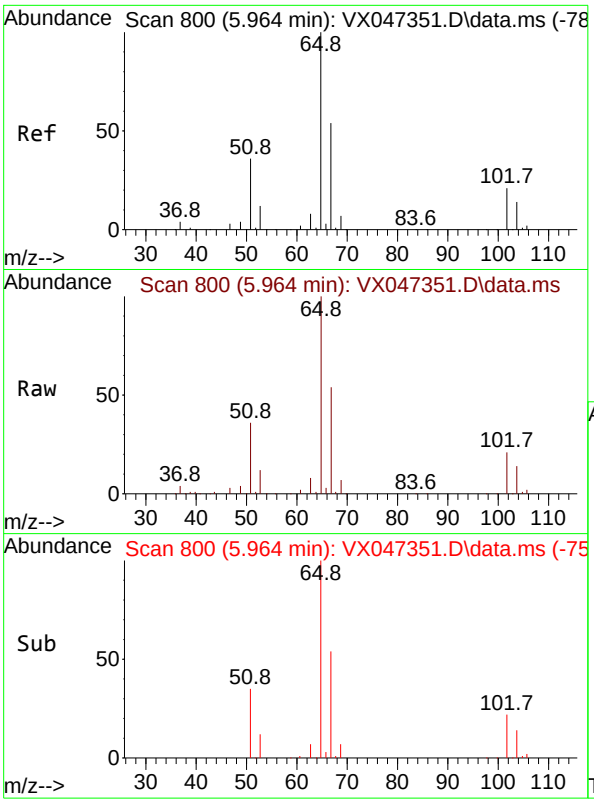


#32
1,1,1-Trichloroethane
Concen: 55.692 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 97 Resp: 285500

Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.4	77.0
61	44.6	35.7	53.5

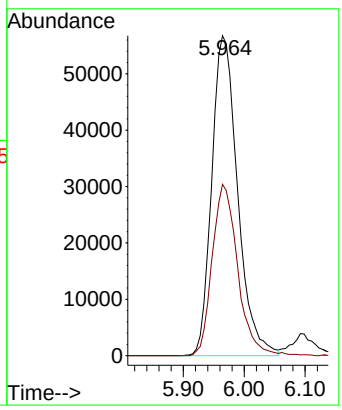




#33
1,2-Dichloroethane-d4
Concen: 50.030 ug/l
RT: 5.964 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 65 Resp: 16723

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	106.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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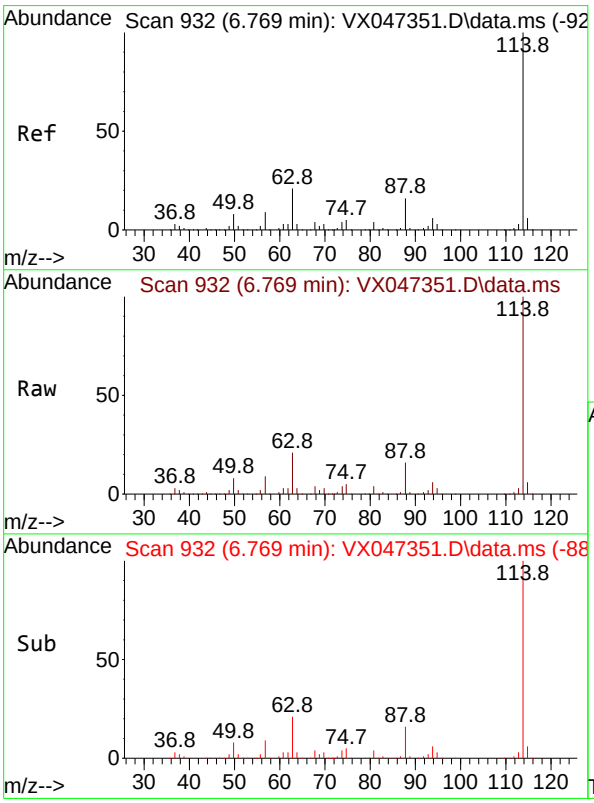
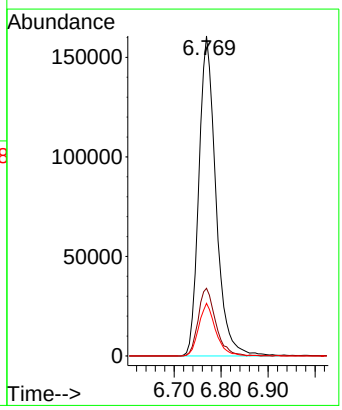
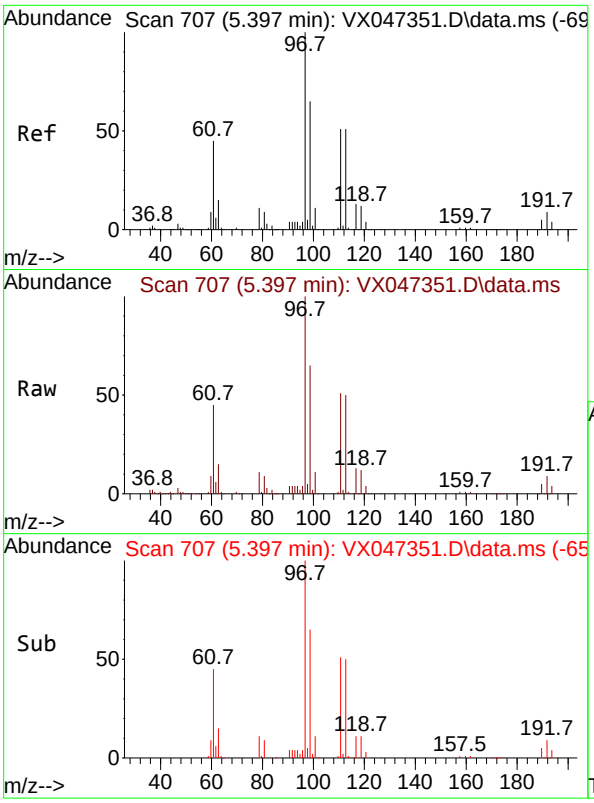


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion:114 Resp: 405572

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	42.4
88	16.5	0.0	33.0

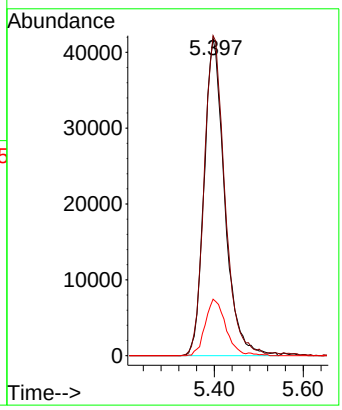




#35
Dibromofluoromethane
Concen: 51.074 ug/l
RT: 5.397 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion:113 Resp: 13443

Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.4	122.2
192	17.6	14.1	21.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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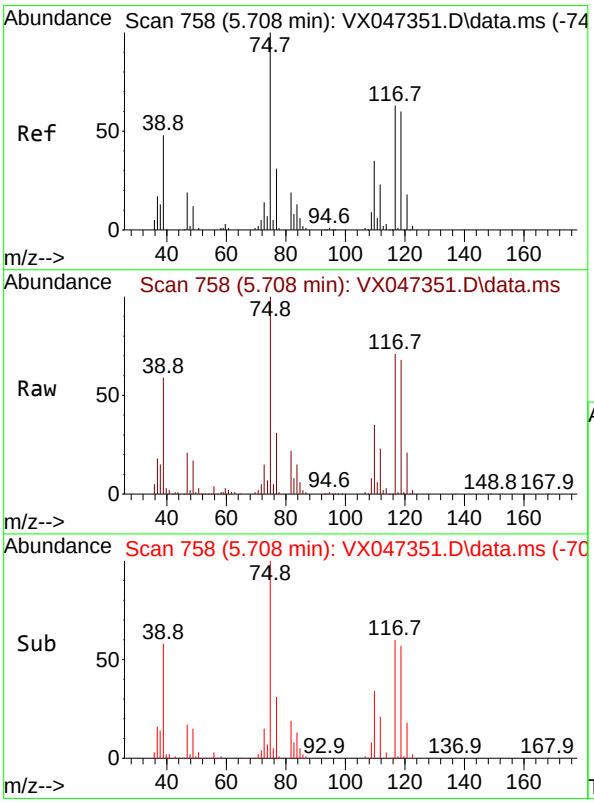
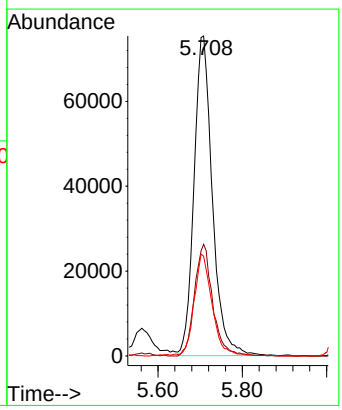
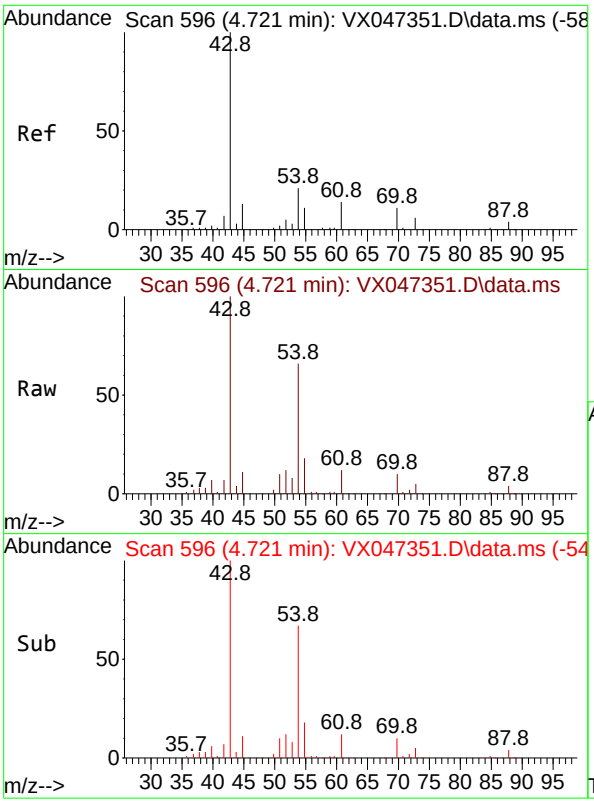


#36
1,1-Dichloropropene
Concen: 54.893 ug/l
RT: 5.708 min Scan# 758
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 75 Resp: 228086

Ion	Ratio	Lower	Upper
75	100		
110	34.8	17.4	52.2
77	30.5	24.4	36.6

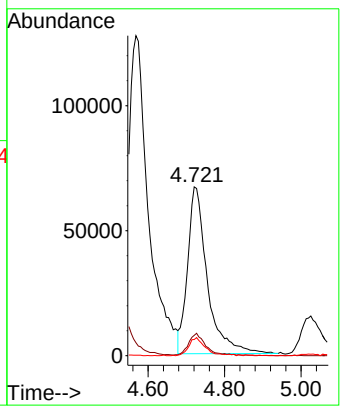




#37
Ethyl Acetate
Concen: 55.477 ug/l
RT: 4.721 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 43 Resp: 23931

Ion	Ratio	Lower	Upper
43	100		
61	11.8	9.4	14.2
70	8.8	7.0	10.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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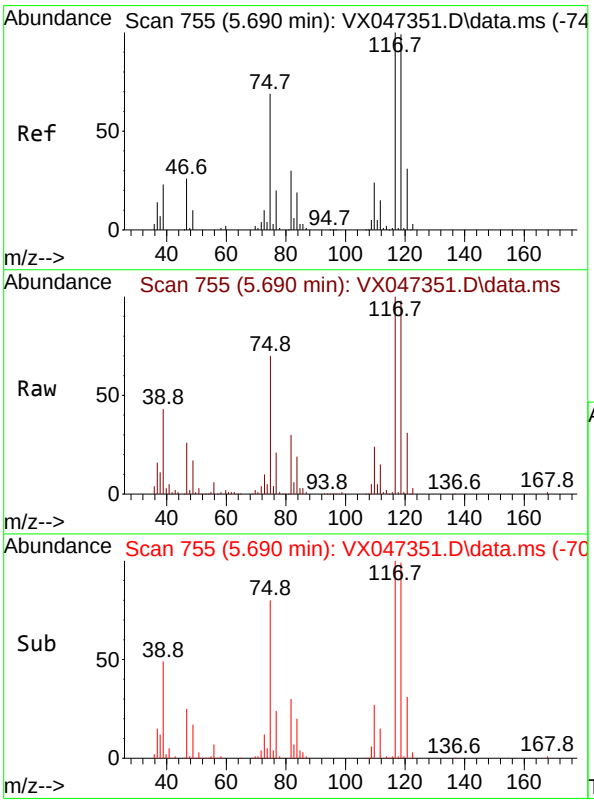
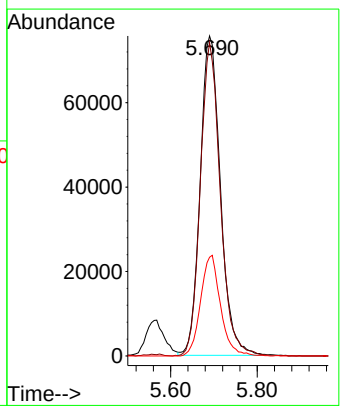
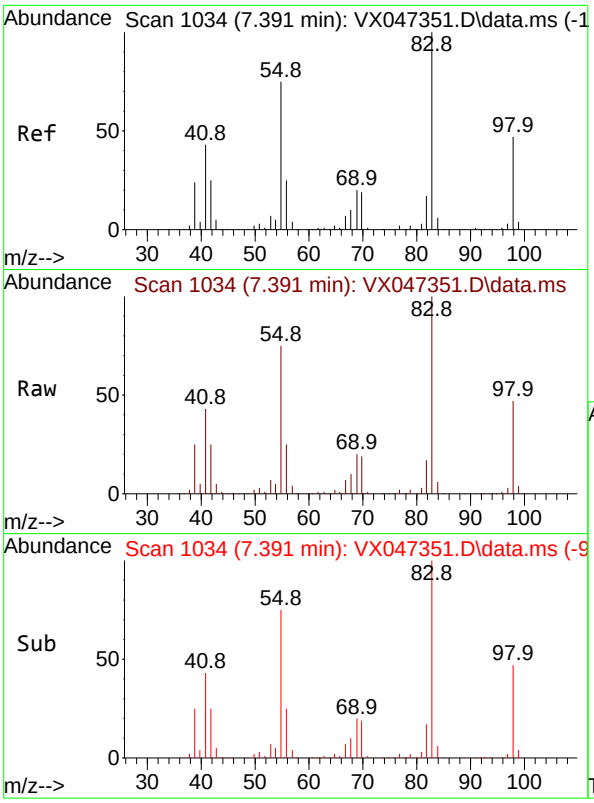


#38
Carbon Tetrachloride
Concen: 54.258 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion:117 Resp: 246368

Ion	Ratio	Lower	Upper
117	100		
119	98.1	78.5	117.7
121	30.9	24.7	37.1





#39
Methylcyclohexane
Concen: 54.402 ug/l
RT: 7.391 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 83 Resp: 28196

Ion	Ratio	Lower	Upper
83	100		
55	75.0	60.0	90.0
98	46.5	37.2	55.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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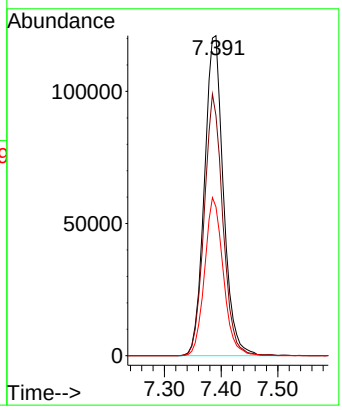
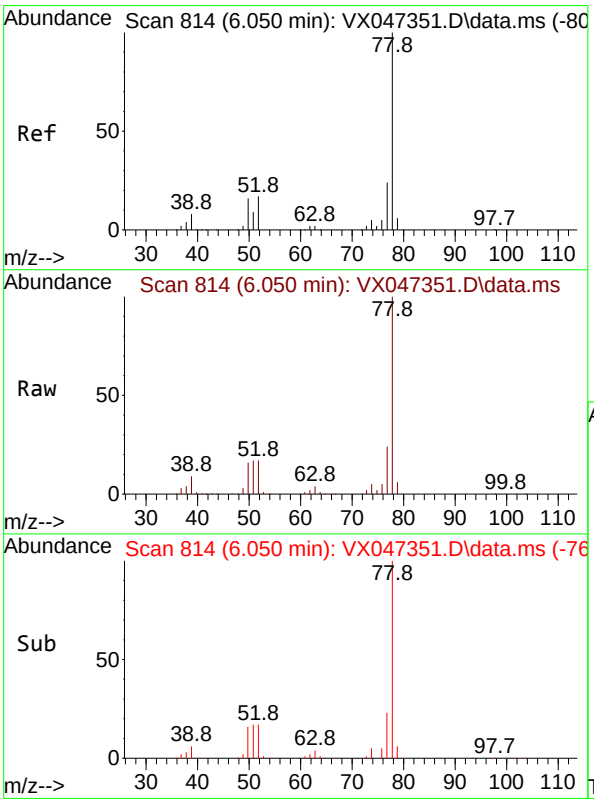
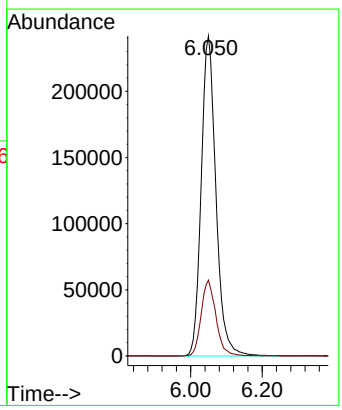


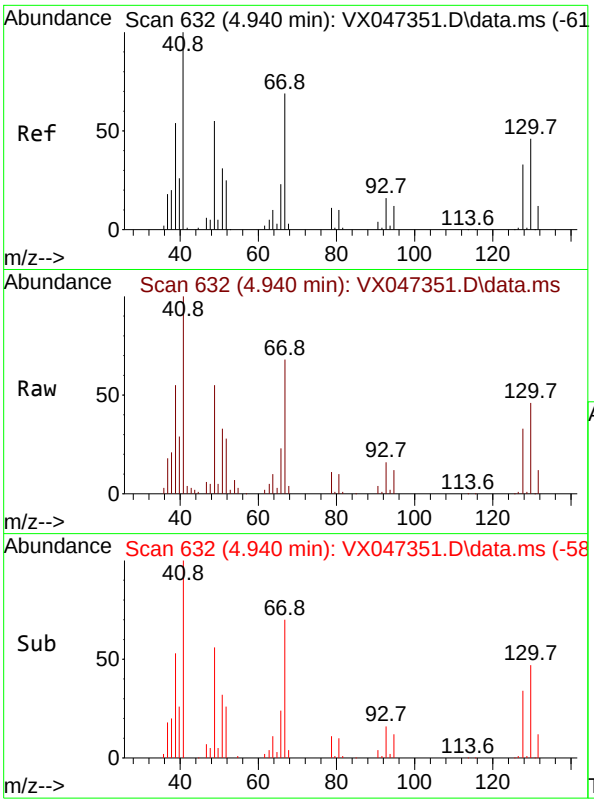


#40
Benzene
Concen: 55.477 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 78 Resp: 689965

Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.4

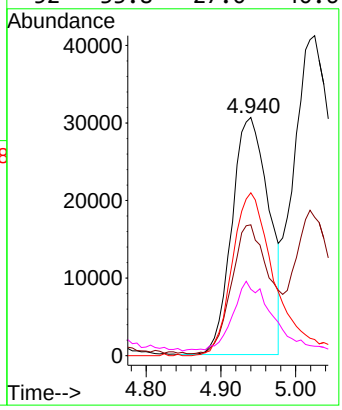




#41
Methacrylonitrile
Concen: 57.547 ug/l
RT: 4.940 min Scan# 6
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 41 Resp: 10468

Ion	Ratio	Lower	Upper
41	100		
39	56.8	45.4	68.2
67	80.0	64.0	96.0
52	33.8	27.0	40.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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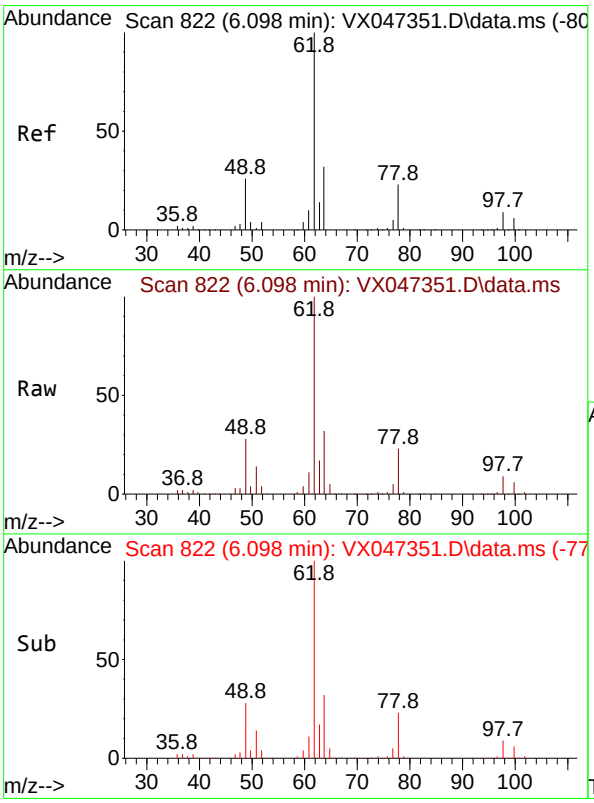
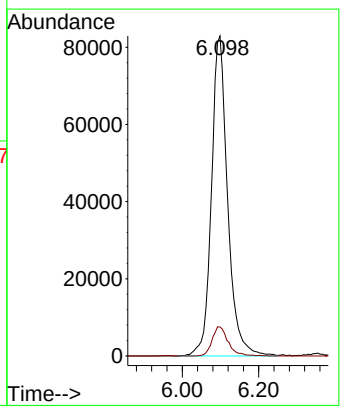
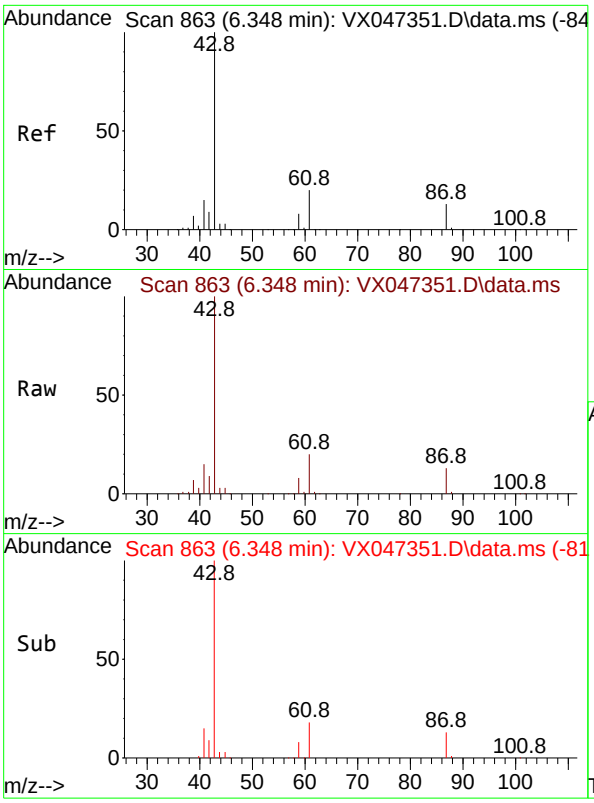


#42
1,2-Dichloroethane
Concen: 55.271 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 62 Resp: 243489

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.0

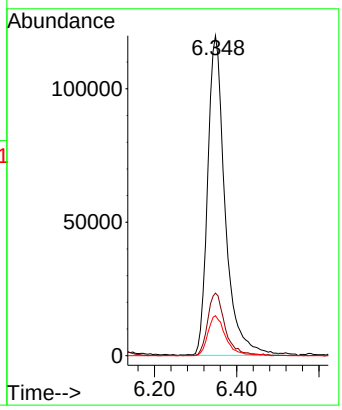




#43
Isopropyl Acetate
Concen: 56.817 ug/l
RT: 6.348 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 43 Resp: 35209

Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.4	23.0
87	12.8	10.2	15.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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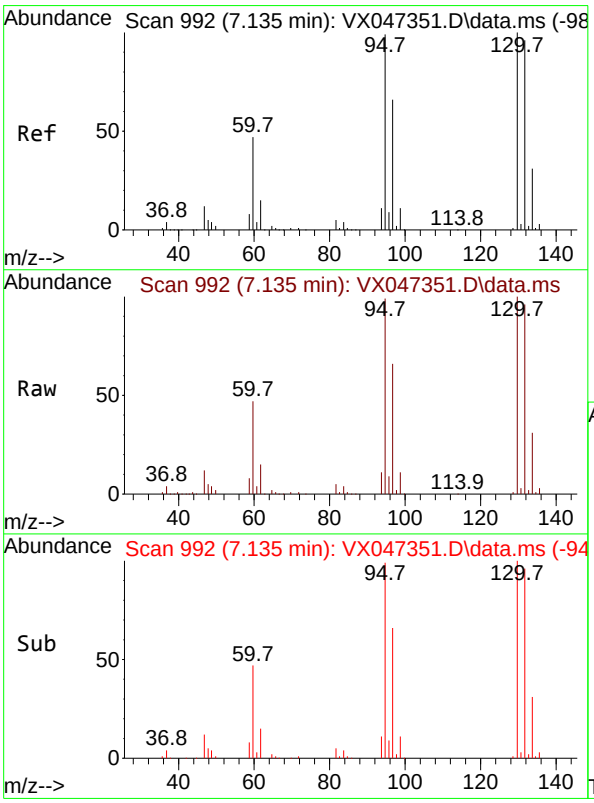
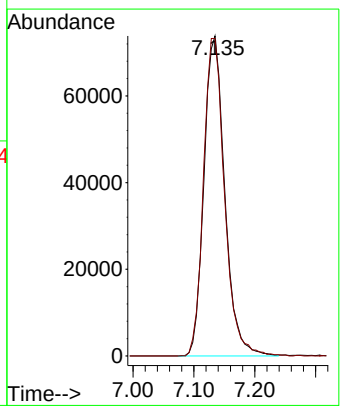
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

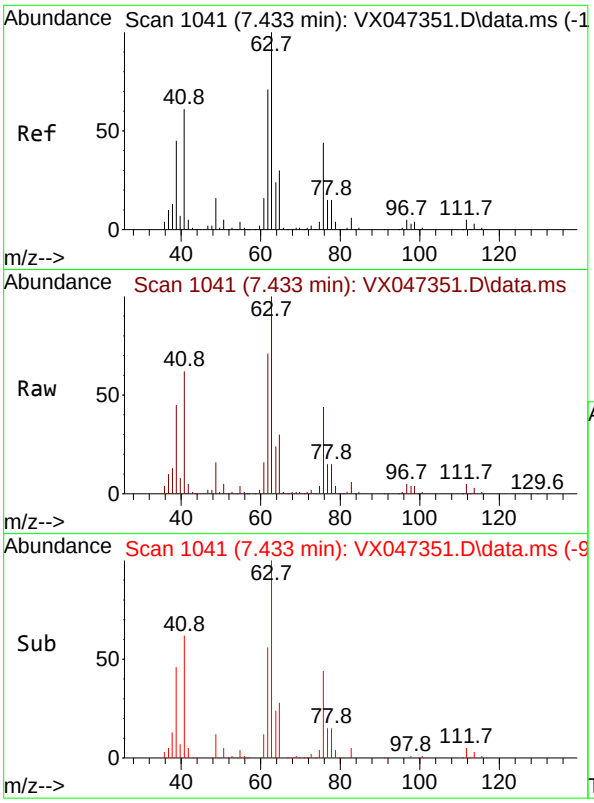


#44
Trichloroethene
Concen: 55.081 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion:130 Resp: 175409

Ion	Ratio	Lower	Upper
130	100		
95	99.3	0.0	198.6

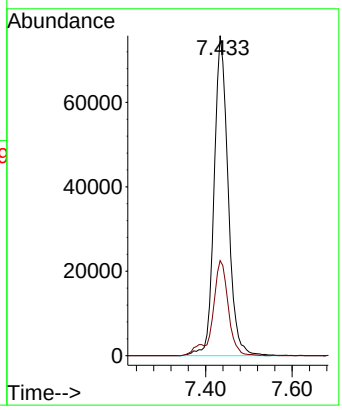




#45
1,2-Dichloropropane
Concen: 54.740 ug/l
RT: 7.433 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 63 Resp: 17055

Ion	Ratio	Lower	Upper
63	100		
65	29.7	23.8	35.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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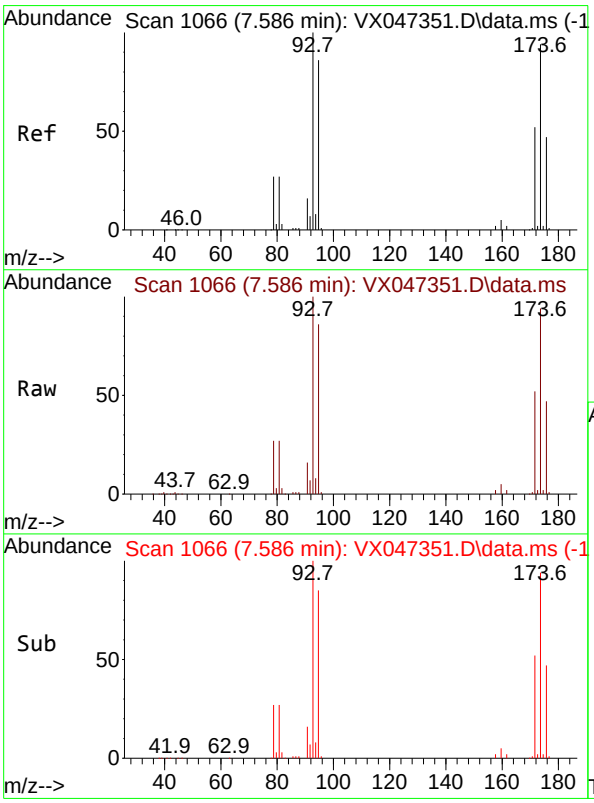
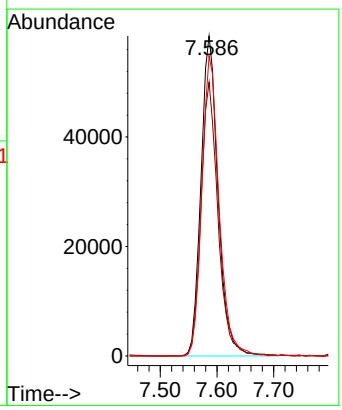
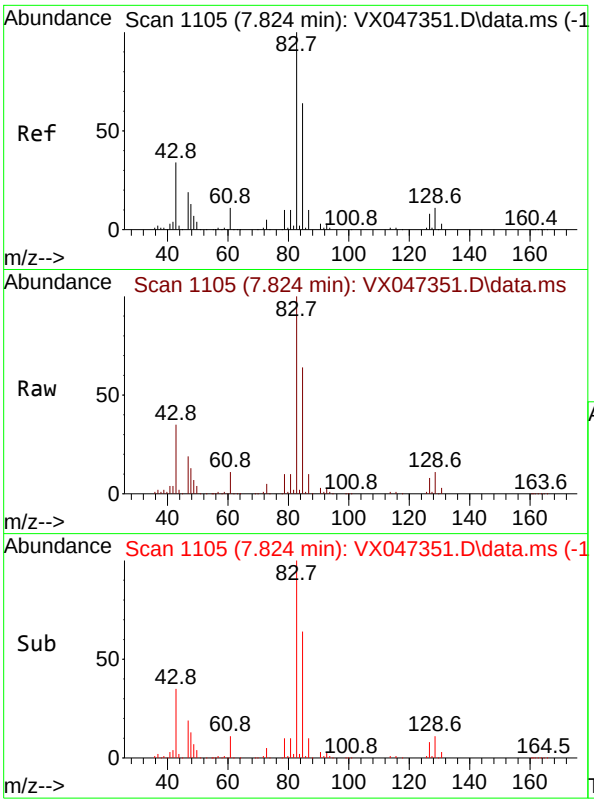


#46
Dibromomethane
Concen: 54.124 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 93 Resp: 122428

Ion	Ratio	Lower	Upper
93	100		
95	85.0	68.0	102.0
174	94.7	75.8	113.6

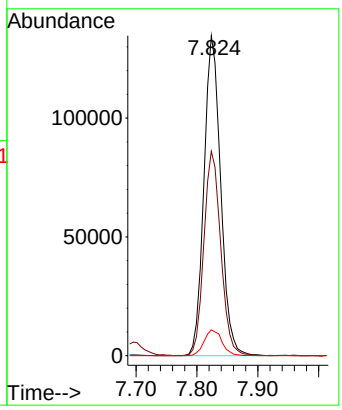




#47
Bromodichloromethane
Concen: 54.888 ug/l
RT: 7.824 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 83 Resp: 25739

Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.0	76.6
127	8.7	7.0	10.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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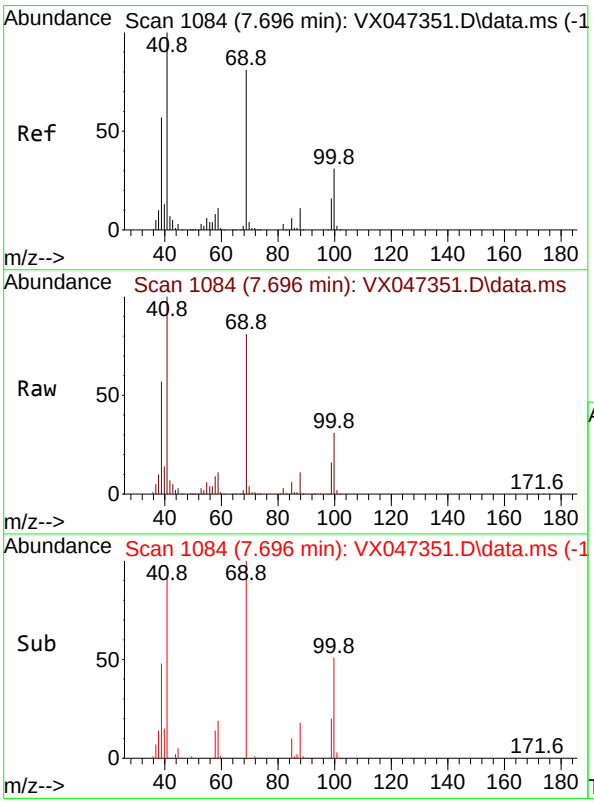
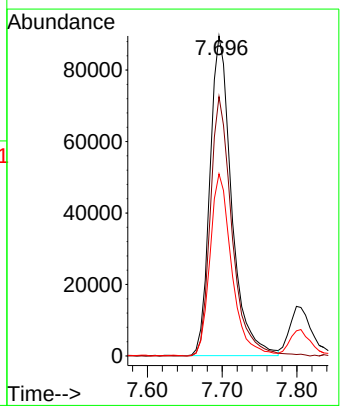
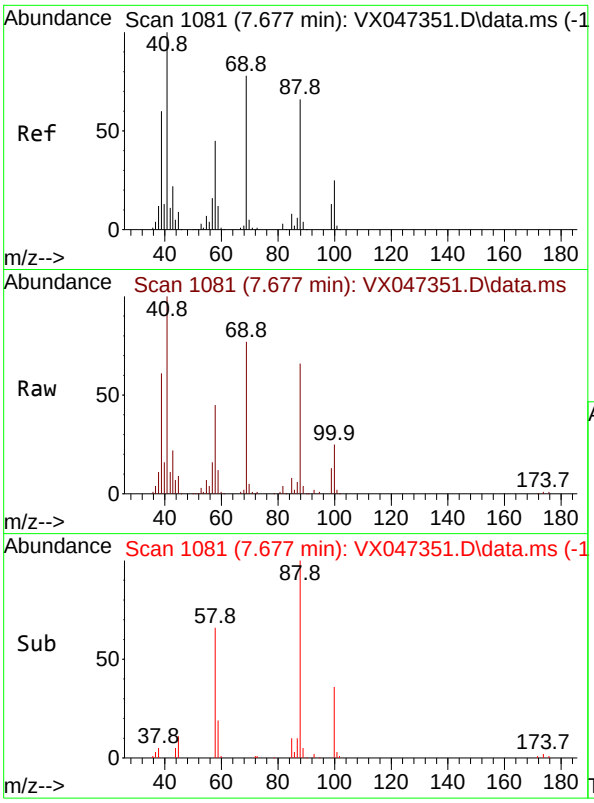


#48
Methyl methacrylate
Concen: 56.136 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 41 Resp: 180568

Ion	Ratio	Lower	Upper
41	100		
69	81.2	65.0	97.4
39	57.1	45.7	68.5

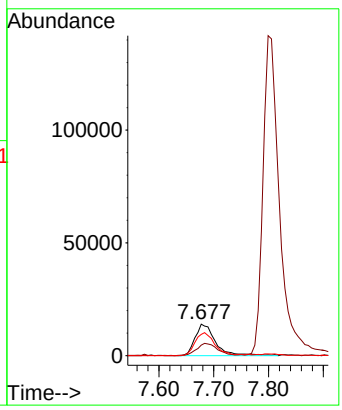




#49
1,4-Dioxane
Concen: 1188.274 ug/l
RT: 7.677 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 88 Resp: 3629

Ion	Ratio	Lower	Upper
88	100		
43	40.5	32.4	48.6
58	71.1	56.9	85.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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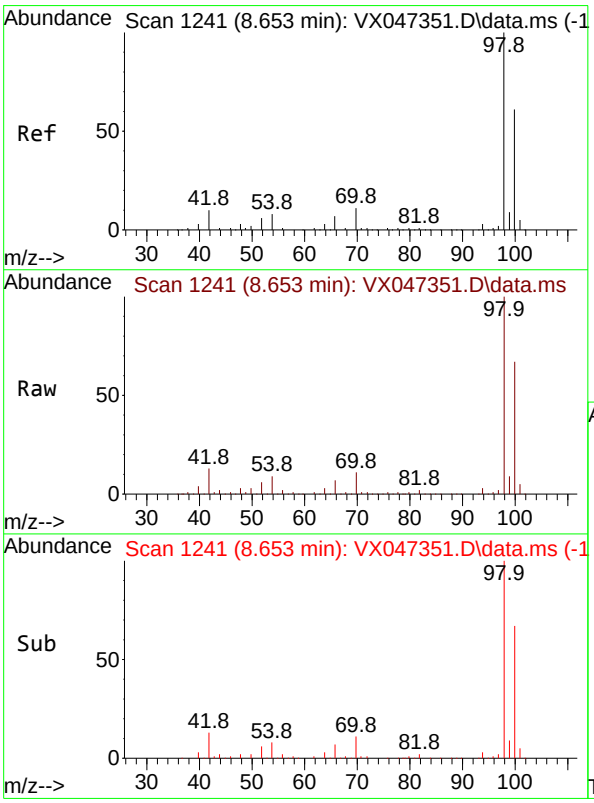
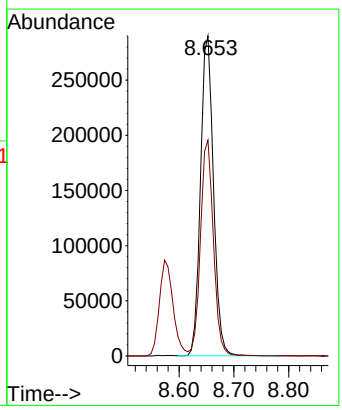
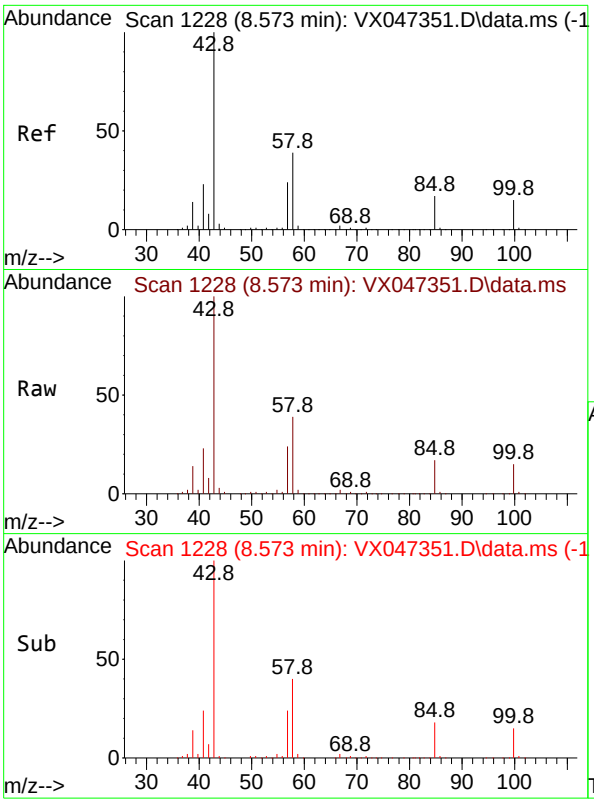


#50
Toluene-d8
Concen: 50.492 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 98 Resp: 475041

Ion	Ratio	Lower	Upper
98	100		
100	67.4	53.9	80.9

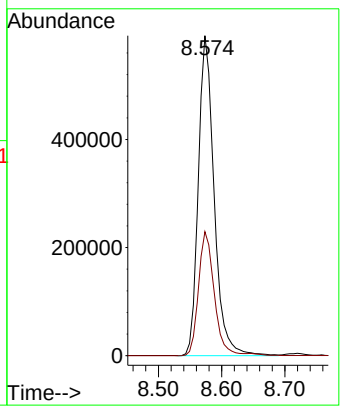




#51
4-Methyl-2-Pentanone
Concen: 289.311 ug/l
RT: 8.573 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 43 Resp: 103170

Ion	Ratio	Lower	Upper
43	100		
58	39.0	31.2	46.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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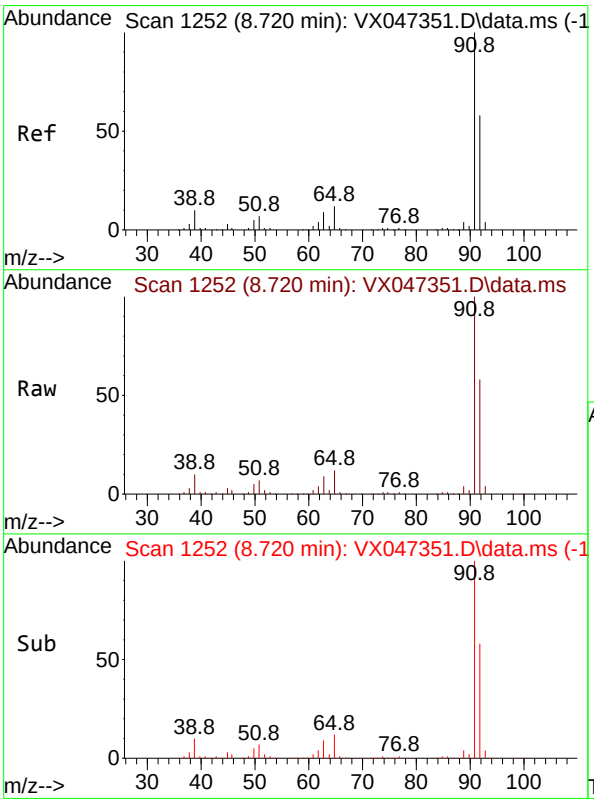
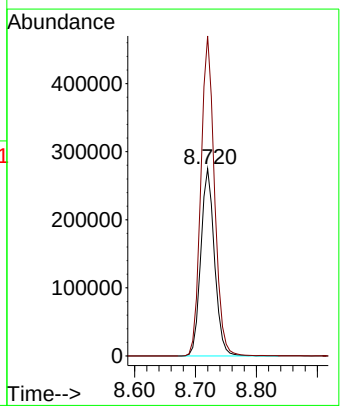
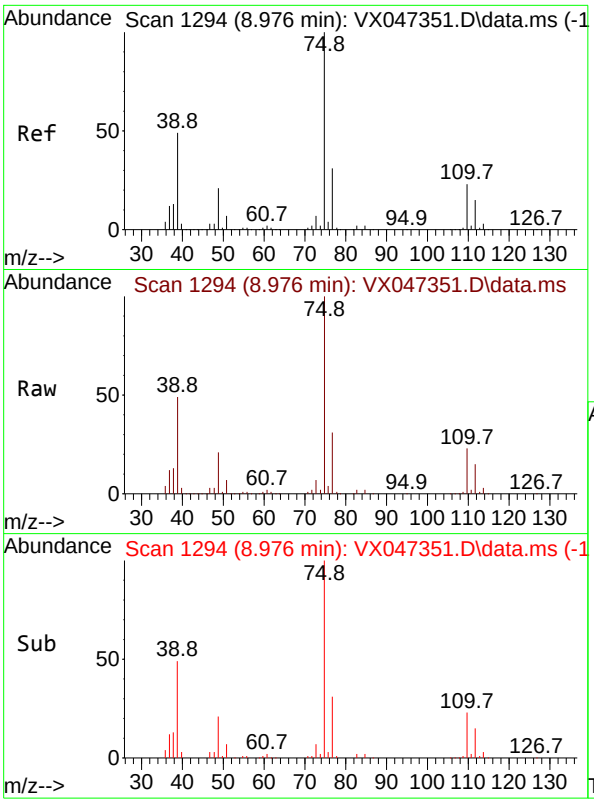


#52
Toluene
Concen: 55.767 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 92 Resp: 428577

Ion	Ratio	Lower	Upper
92	100		
91	170.4	136.3	204.5





#53
t-1,3-Dichloropropene
Concen: 57.913 ug/l
RT: 8.976 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 75 Resp: 23702

Ion	Ratio	Lower	Upper
75	100		
77	30.9	24.7	37.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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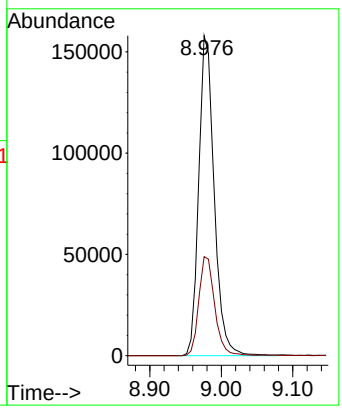
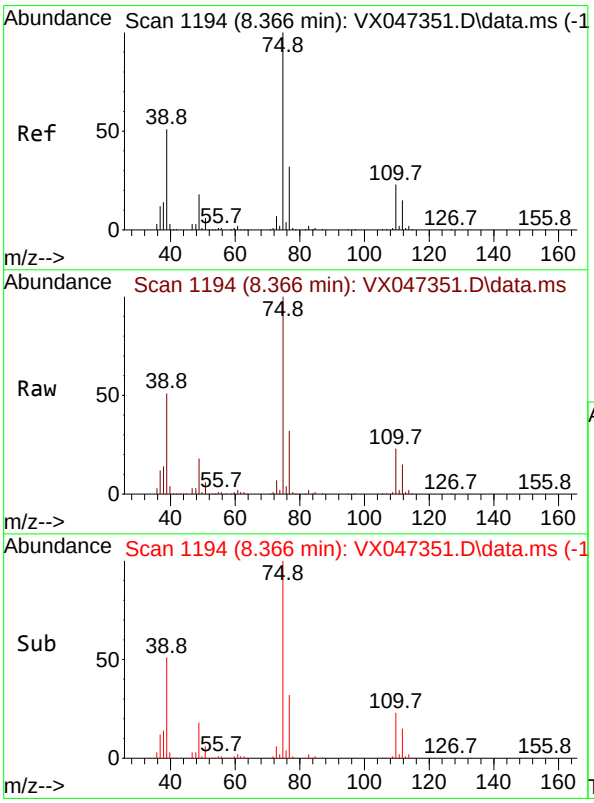
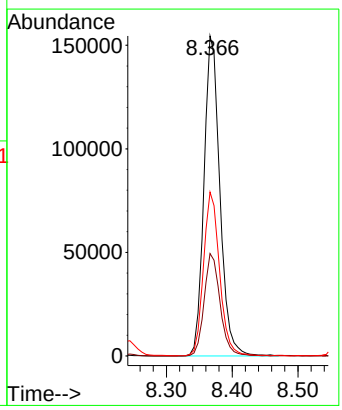


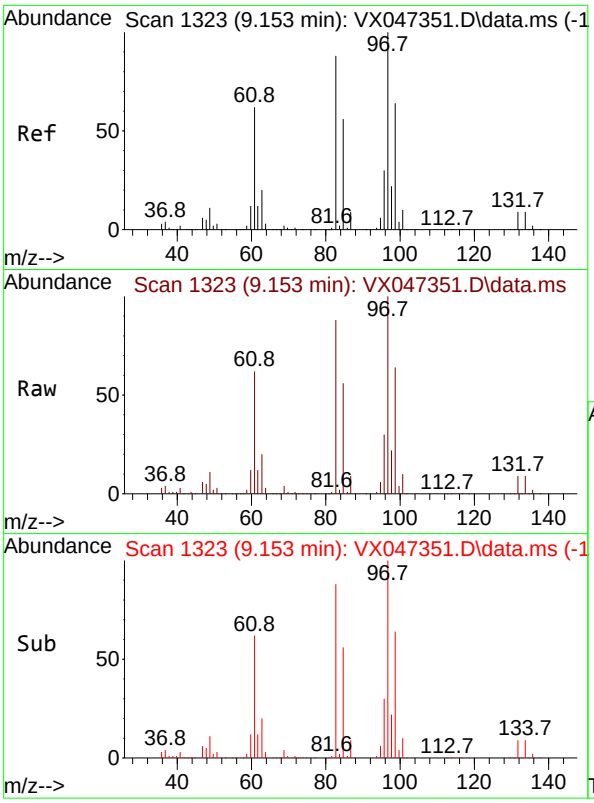


#54
cis-1,3-Dichloropropene
Concen: 56.202 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 75 Resp: 260352

Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.6	38.4
39	51.1	40.9	61.3

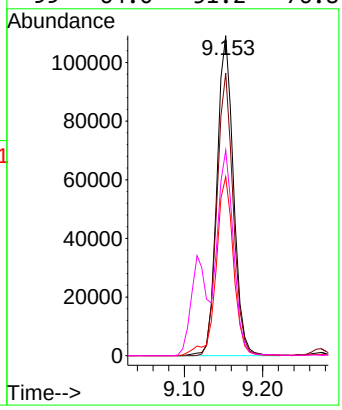




#55
1,1,2-Trichloroethane
Concen: 54.984 ug/l
RT: 9.153 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 97 Resp: 16043

Ion	Ratio	Lower	Upper
97	100		
83	88.3	70.6	106.0
85	55.9	44.7	67.1
99	64.0	51.2	76.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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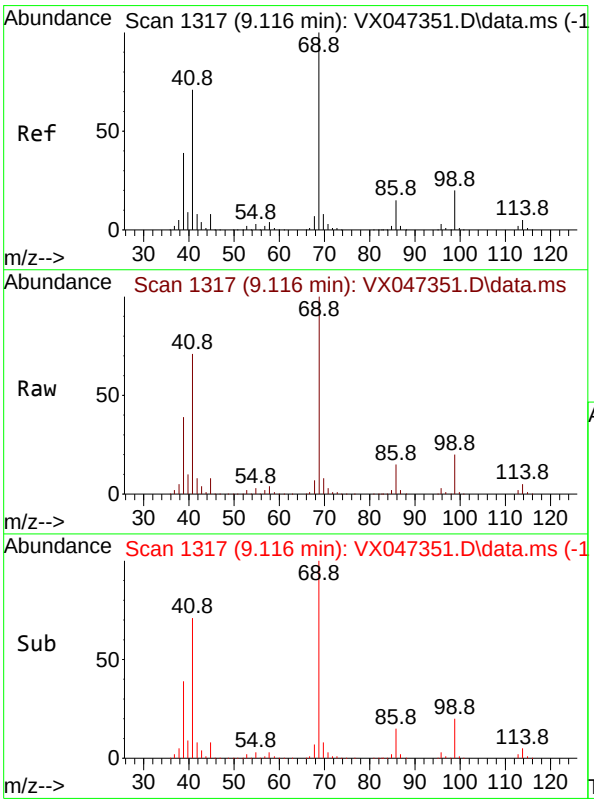
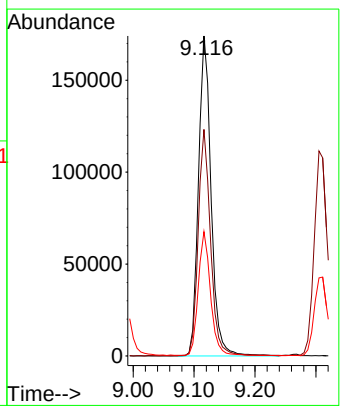
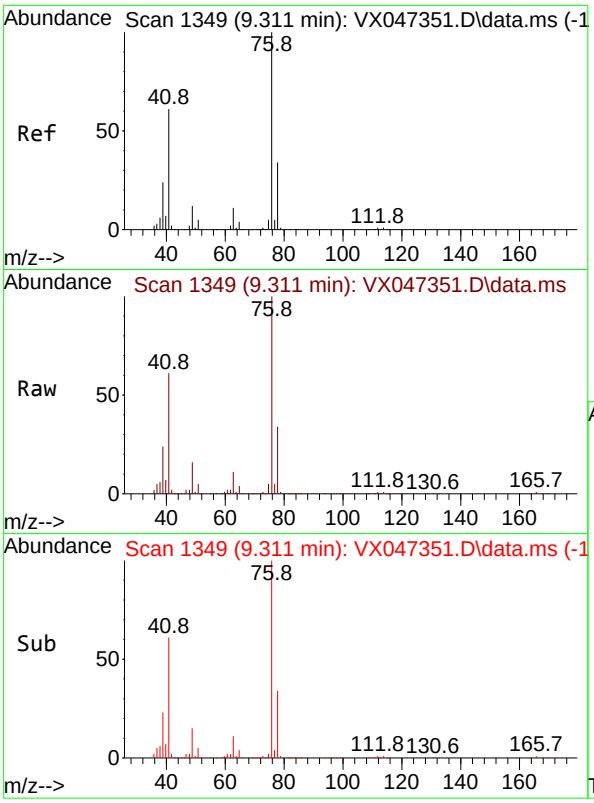


#56
Ethyl methacrylate
Concen: 58.164 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 69 Resp: 250221

Ion	Ratio	Lower	Upper
69	100		
41	69.1	55.3	82.9
39	37.7	30.2	45.2





#57
1,3-Dichloropropane
Concen: 54.656 ug/l
RT: 9.311 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 76 Resp: 27175

Ion	Ratio	Lower	Upper
76	100		
78	32.7	26.2	39.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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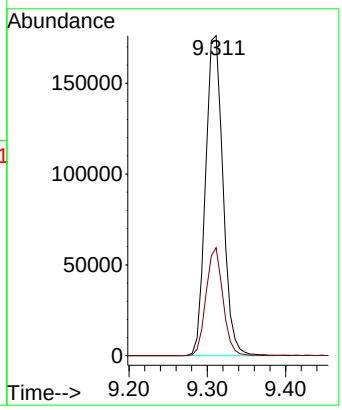
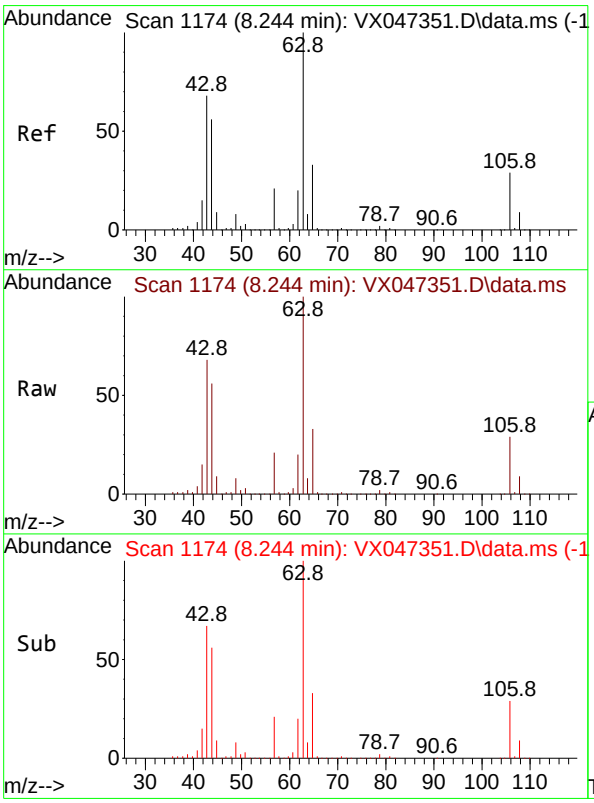
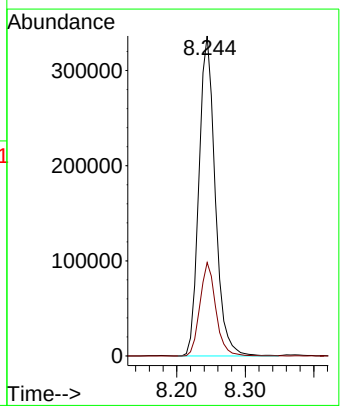


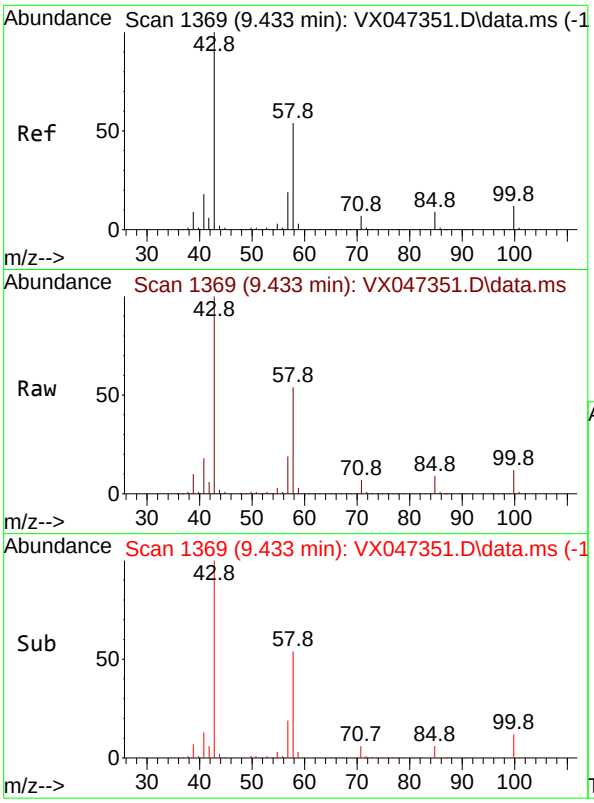


#58
2-Chloroethyl Vinyl ether
Concen: 269.738 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 63 Resp: 555513

Ion	Ratio	Lower	Upper
63	100		
106	28.5	22.8	34.2





#59
2-Hexanone
Concen: 285.099 ug/l
RT: 9.433 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 43 Resp: 70326

Ion	Ratio	Lower	Upper
43	100		
58	53.8	26.9	80.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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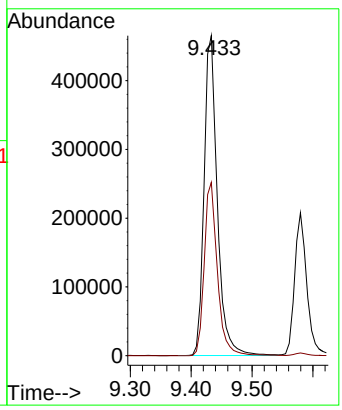
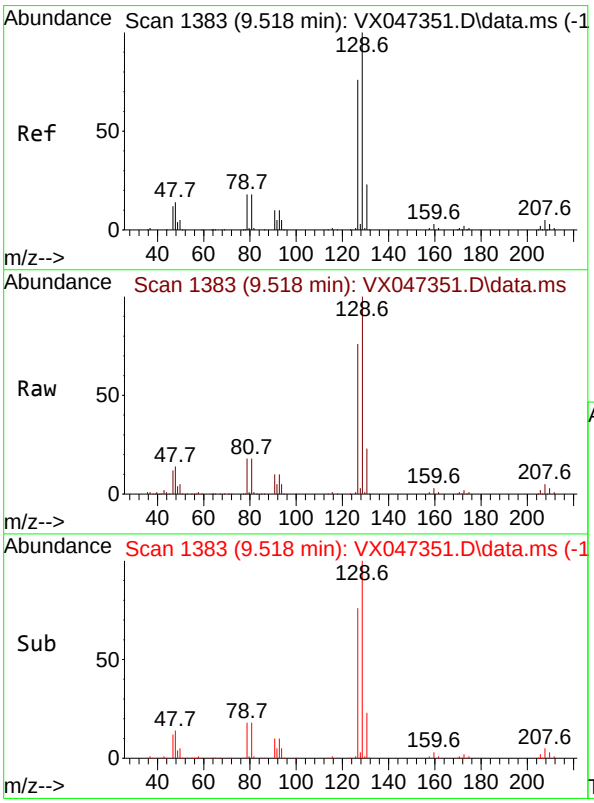
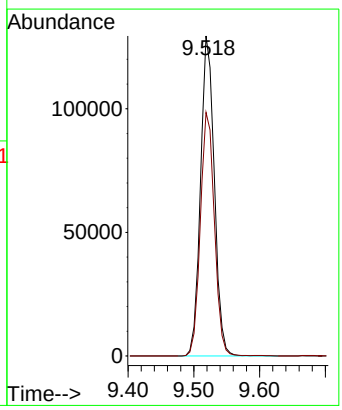


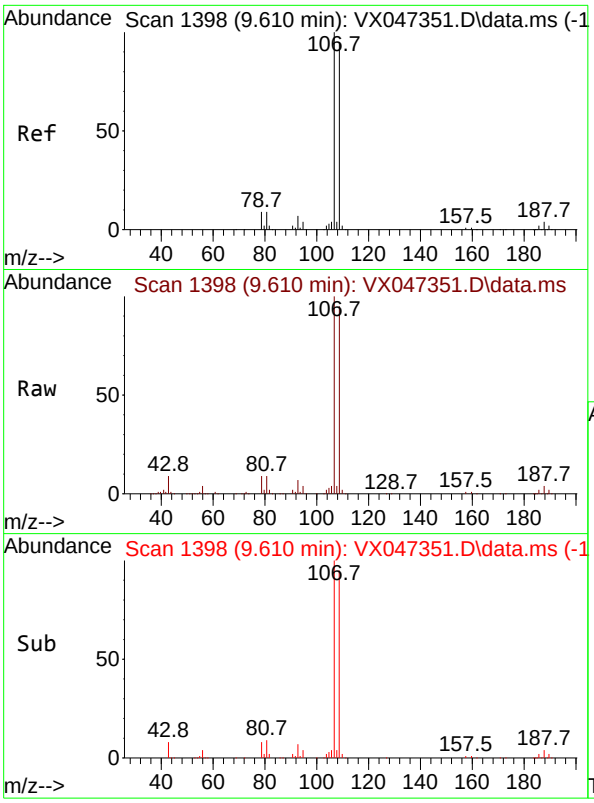


#60
Dibromochloromethane
Concen: 54.326 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion:129 Resp: 188384

Ion	Ratio	Lower	Upper
129	100		
127	77.7	38.9	116.6

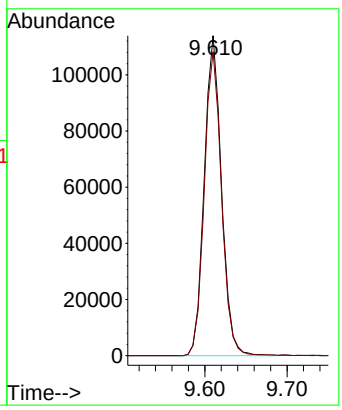




#61
1,2-Dibromoethane
Concen: 55.095 ug/l
RT: 9.610 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion:107 Resp: 16577

Ion	Ratio	Lower	Upper
107	100		
109	95.2	76.2	114.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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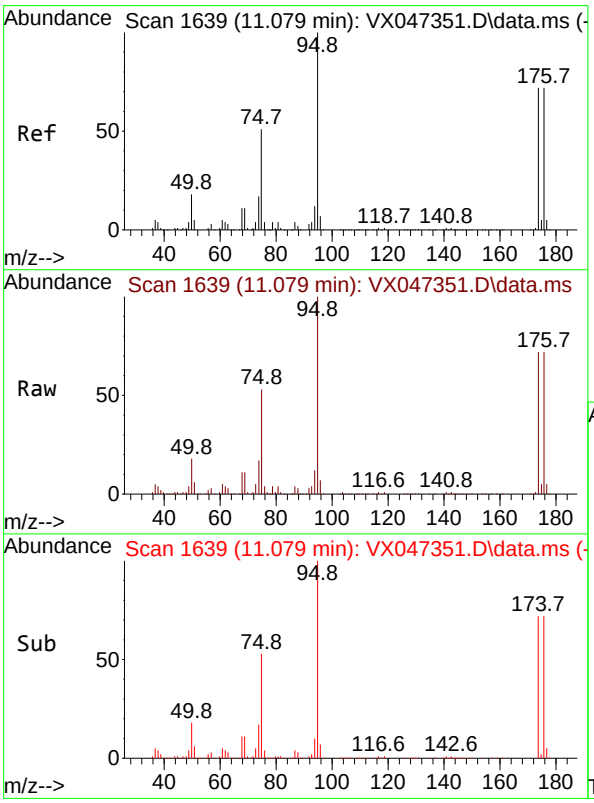
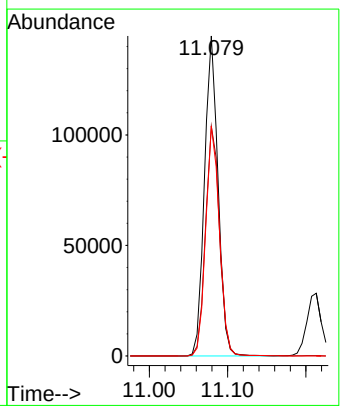
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

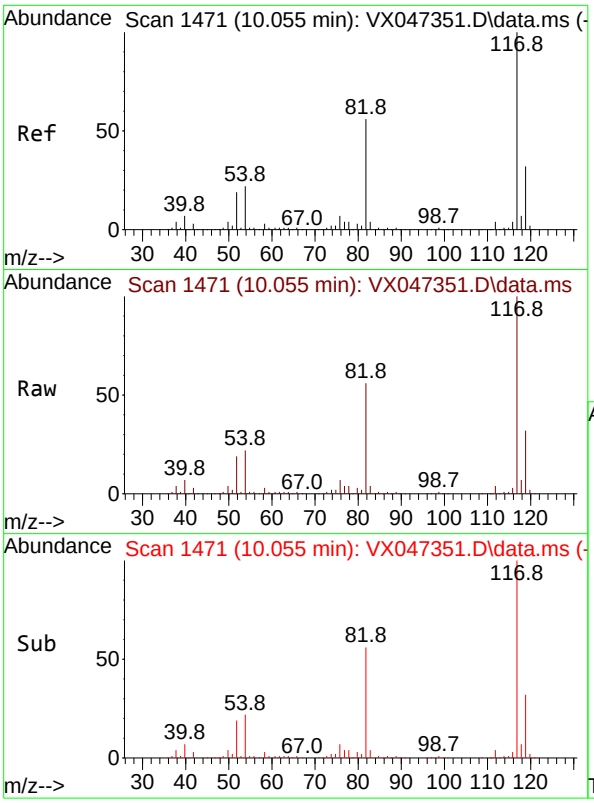


#62
4-Bromofluorobenzene
Concen: 50.050 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 95 Resp: 173764

Ion	Ratio	Lower	Upper
95	100		
174	74.0	0.0	148.0
176	72.7	0.0	145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion:117 Resp: 36312

Ion	Ratio	Lower	Upper
117	100		
82	56.2	45.0	67.4
119	32.3	25.8	38.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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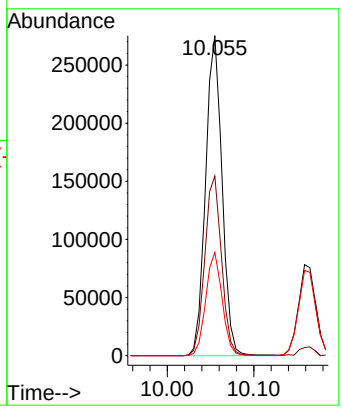
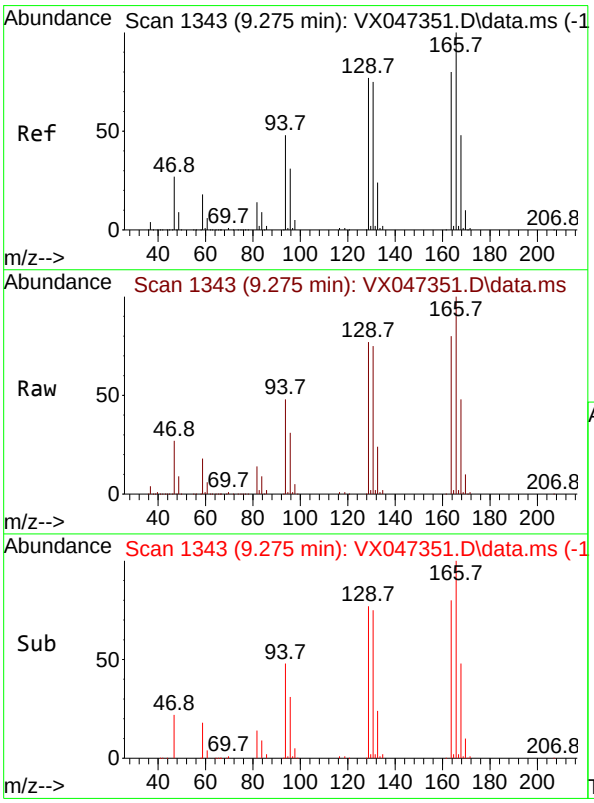
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

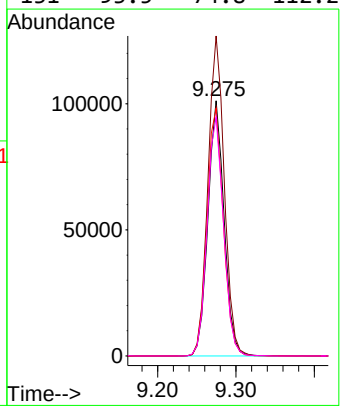


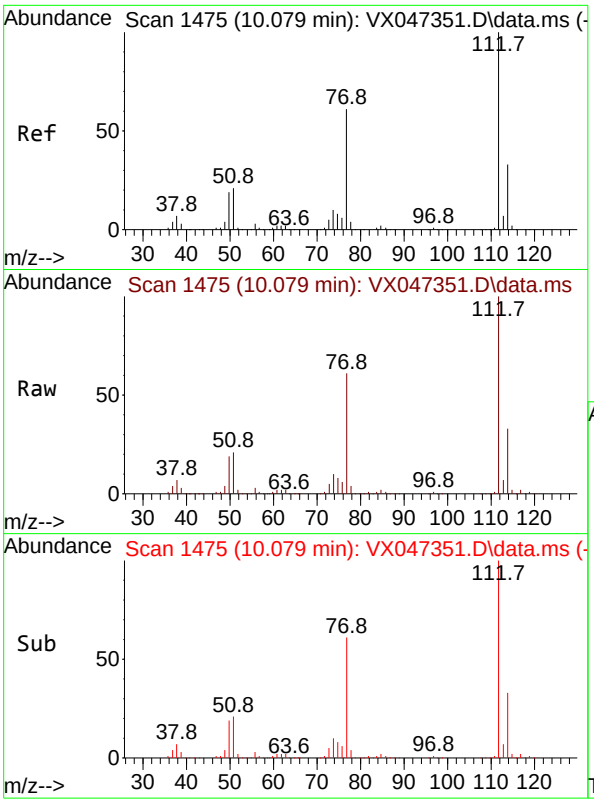


#64
Tetrachloroethene
Concen: 54.962 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion:164 Resp: 144361

Ion	Ratio	Lower	Upper
164	100		
166	125.4	100.3	150.5
129	97.1	77.7	116.5
131	93.5	74.8	112.2

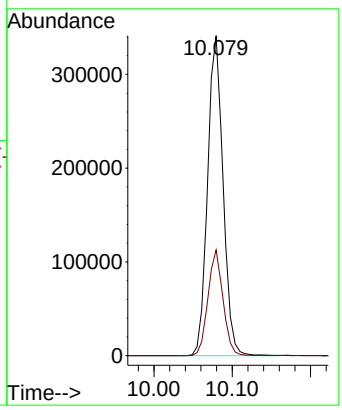




#65
Chlorobenzene
Concen: 54.119 ug/l
RT: 10.079 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion:112 Resp: 46700

Ion	Ratio	Lower	Upper
112	100		
114	33.0	26.4	39.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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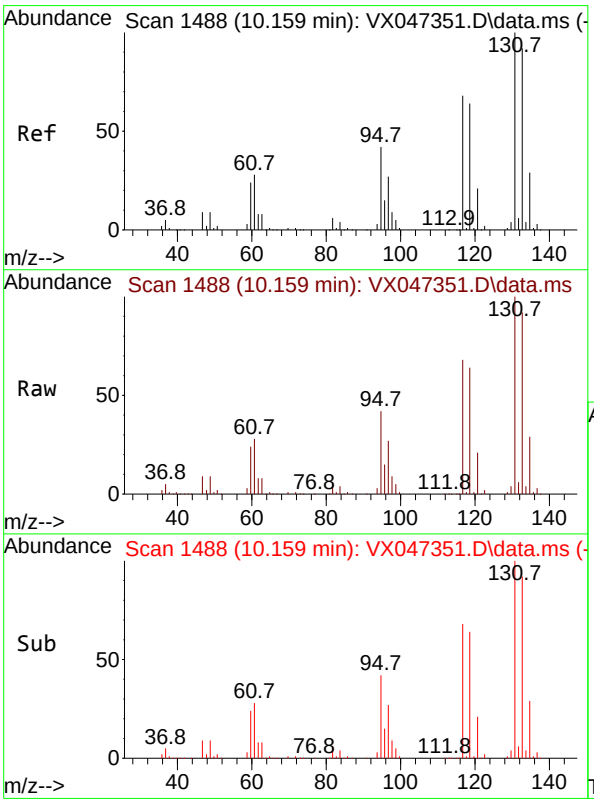
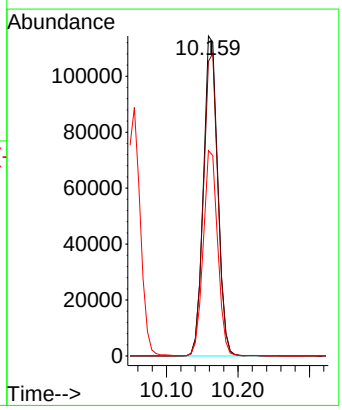
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

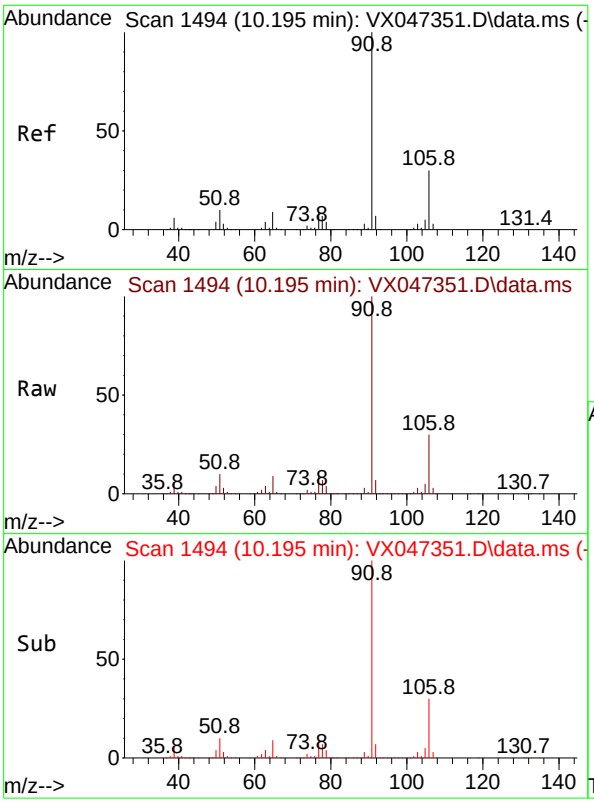


#66
1,1,1,2-Tetrachloroethane
Concen: 54.954 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion:131 Resp: 160305

Ion	Ratio	Lower	Upper
131	100		
133	95.3	47.6	142.9
119	64.5	32.3	96.8





#67
Ethyl Benzene
Concen: 55.667 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 91 Resp: 82678

Ion	Ratio	Lower	Upper
91	100		
106	30.5	24.4	36.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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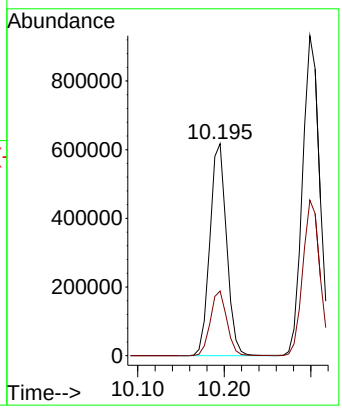
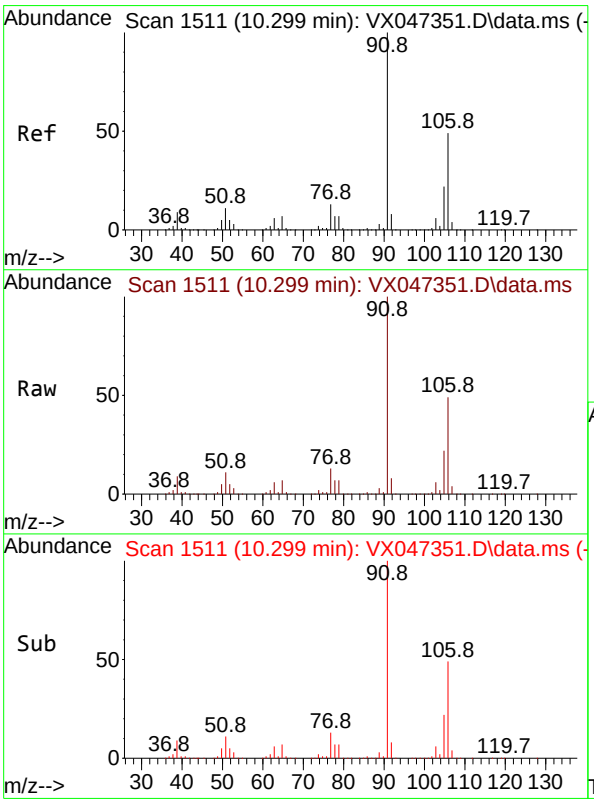
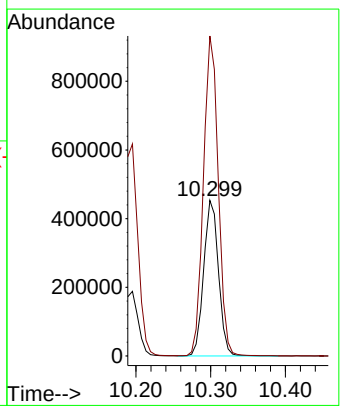


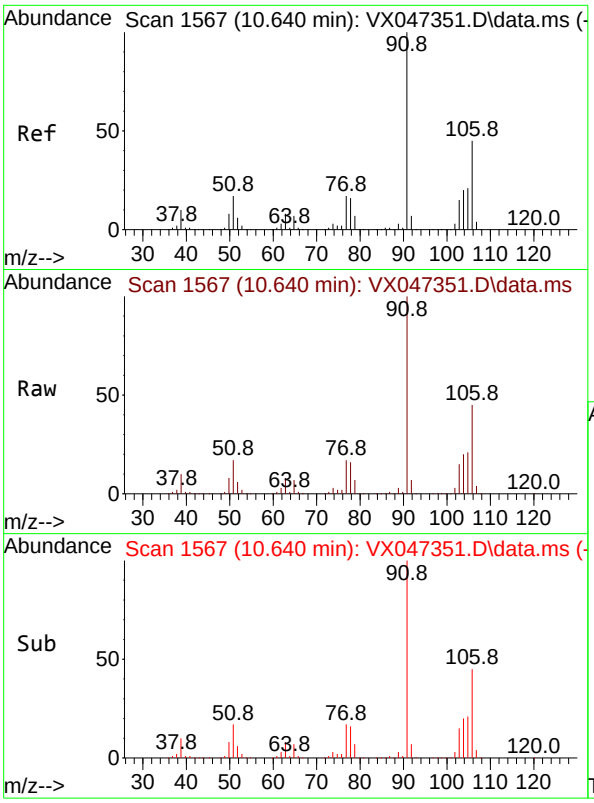


#68
m/p-Xylenes
Concen: 112.475 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion:106 Resp: 622895

Ion	Ratio	Lower	Upper
106	100		
91	205.9	164.7	247.1





#69
o-Xylene
Concen: 55.407 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion:106 Resp: 29529

Ion	Ratio	Lower	Upper
106	100		
91	221.2	110.6	331.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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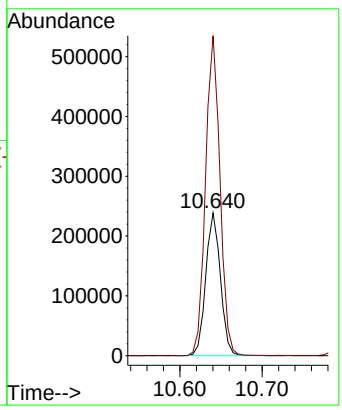
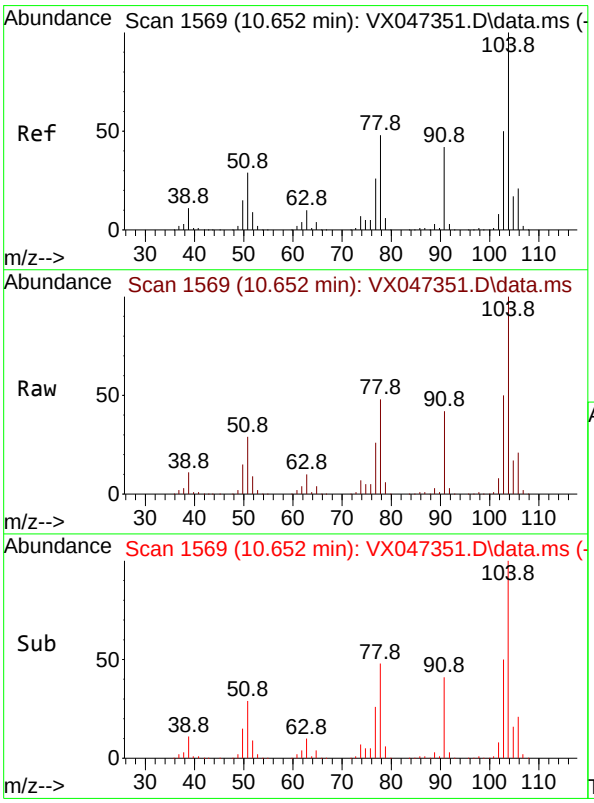
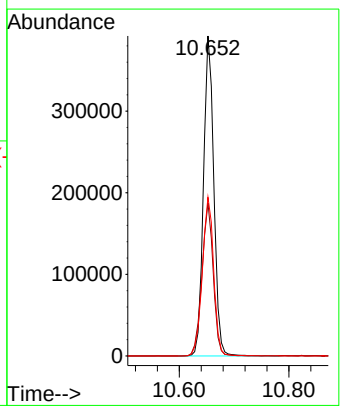


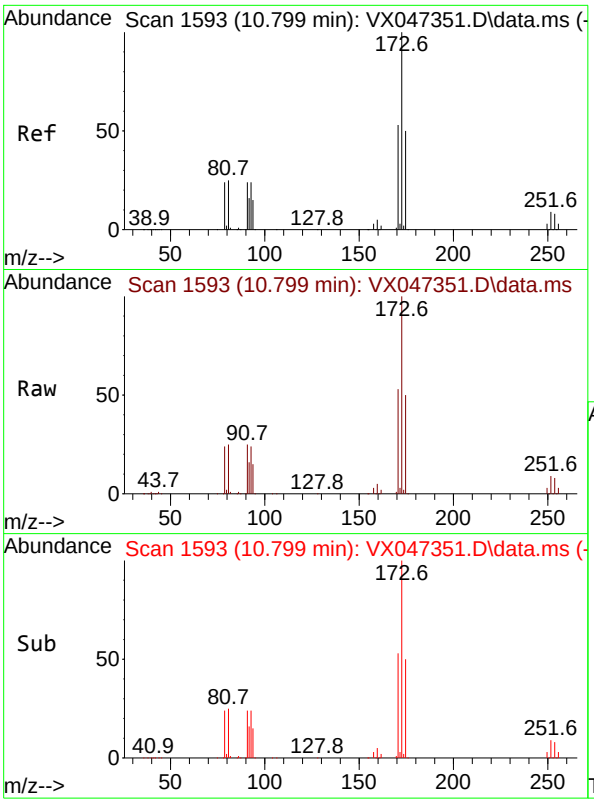


#70
Styrene
Concen: 56.883 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion:104 Resp: 512239

Ion	Ratio	Lower	Upper
104	100		
78	52.3	41.8	62.8
103	54.5	43.6	65.4

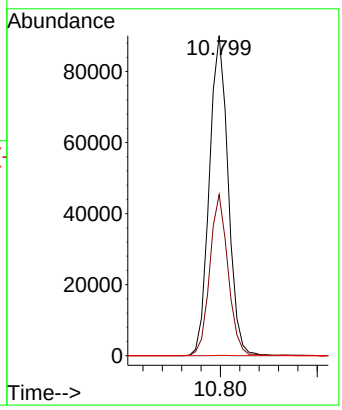




#71
Bromoform
Concen: 55.530 ug/l
RT: 10.799 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion:173 Resp: 12169

Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.4	73.4
254	0.1	0.1	0.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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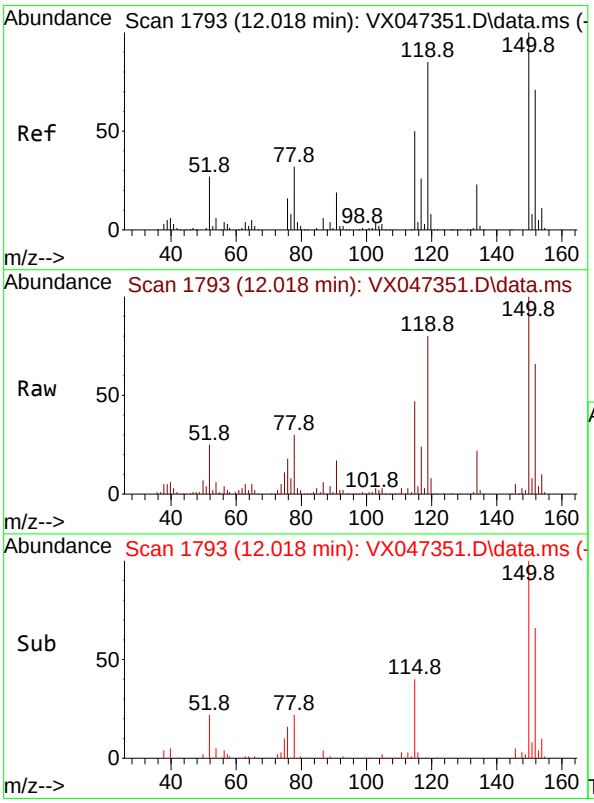
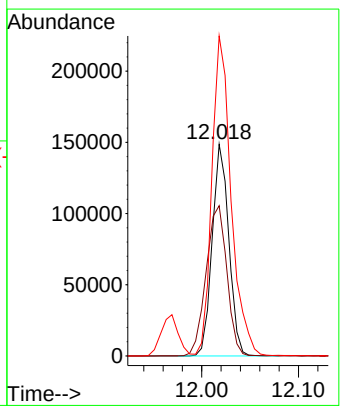
Supervised By :Mahesh Dadoda 08/19/2025

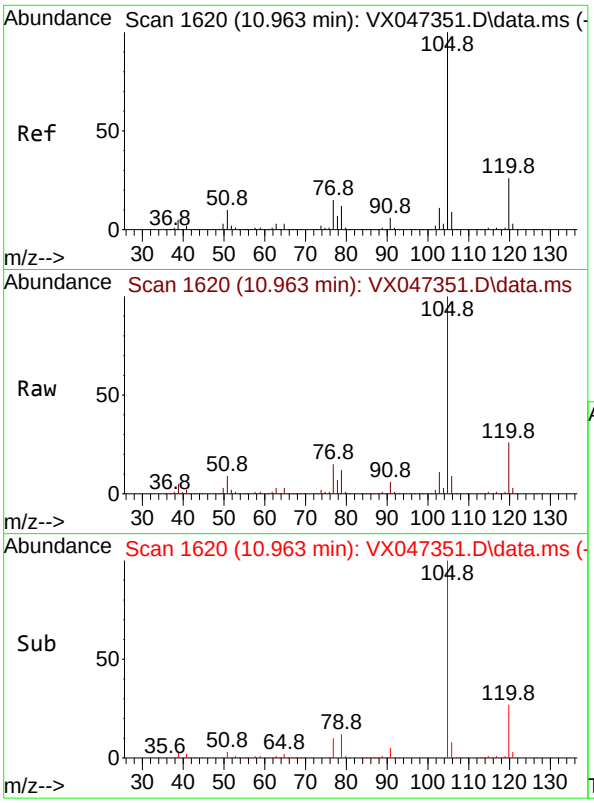


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion:152 Resp: 177366

Ion	Ratio	Lower	Upper
152	100		
115	89.2	44.6	133.8
150	174.9	0.0	349.8





#73
Isopropylbenzene
Concen: 56.210 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

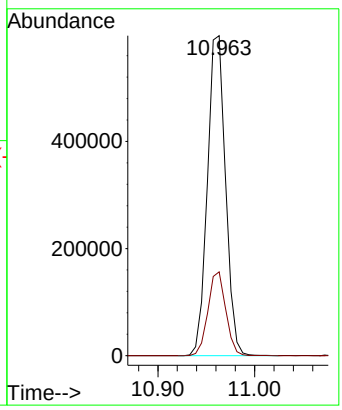
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

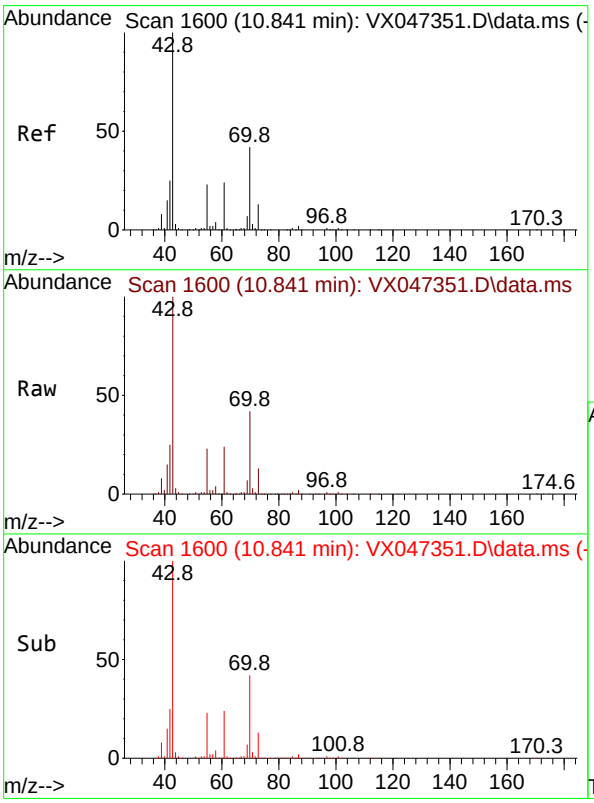
Tgt Ion:105 Resp: 78018

Ion	Ratio	Lower	Upper
105	100		
120	25.7	12.9	38.6

Manual Integrations APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

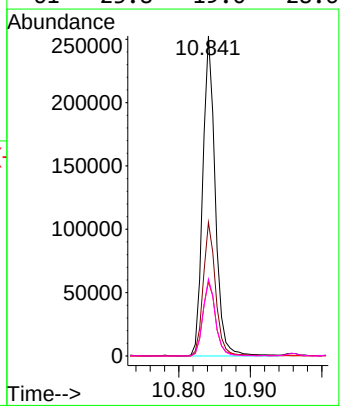


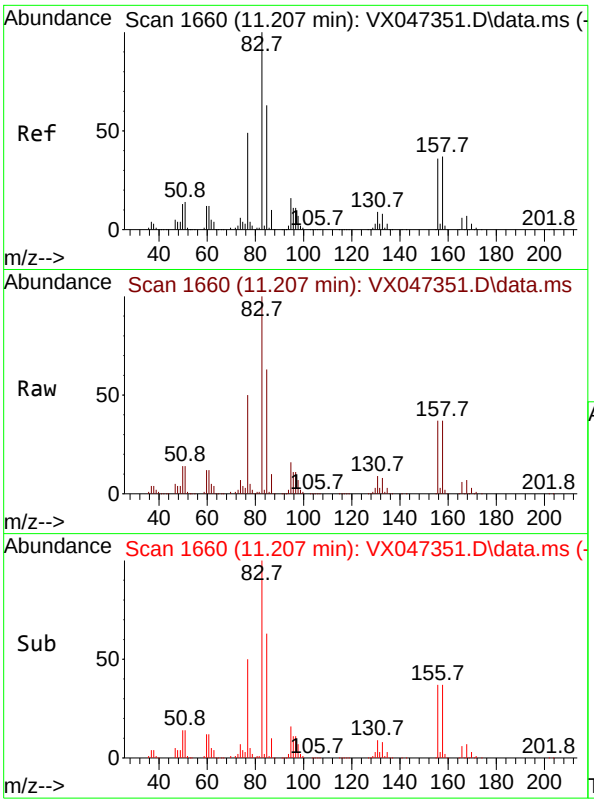


#74
N-amyl acetate
Concen: 58.194 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 43 Resp: 306720

Ion	Ratio	Lower	Upper
43	100		
70	41.4	33.1	49.7
55	23.8	19.0	28.6
61	23.8	19.0	28.6

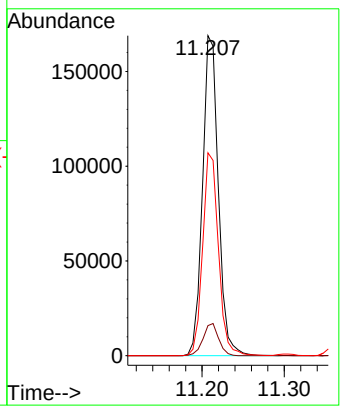




#75
1,1,2,2-Tetrachloroethane
Concen: 55.228 ug/l
RT: 11.207 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 83 Resp: 22506

Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.0	15.0
85	63.4	31.7	95.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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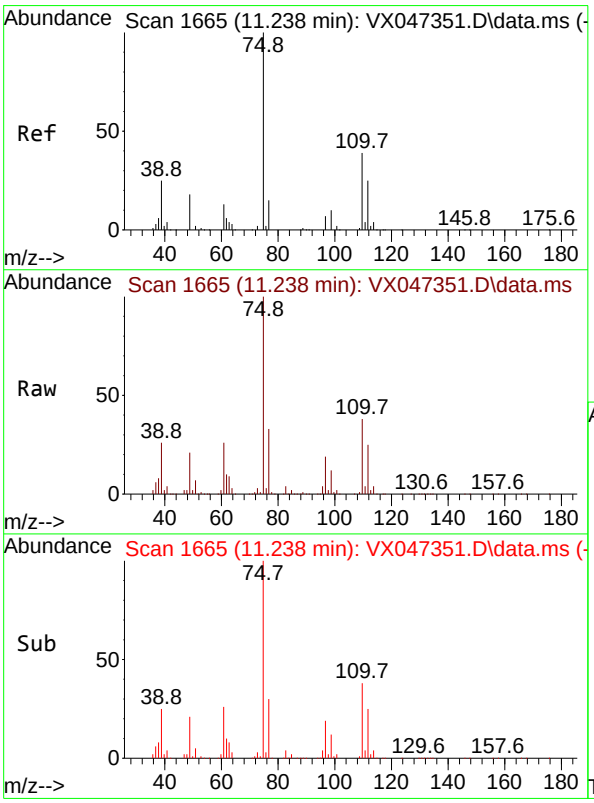
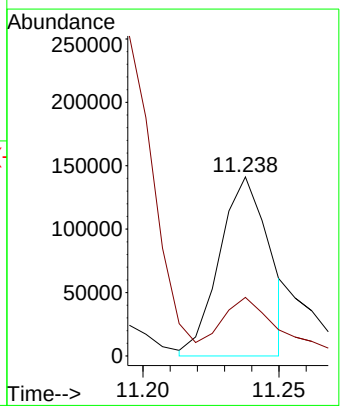
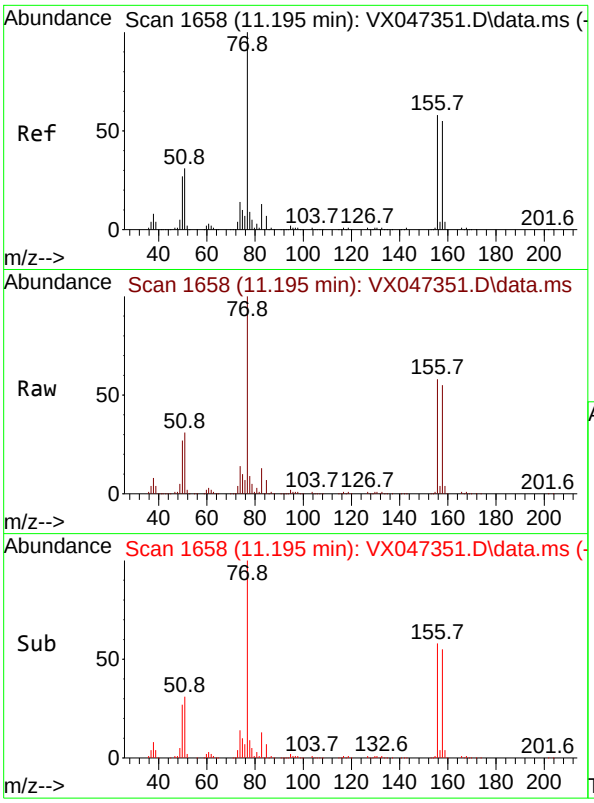


#76
1,2,3-Trichloropropane
Concen: 55.266 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 75 Resp: 179785

Ion	Ratio	Lower	Upper
75	100		
77	38.8	19.4	58.2





#77
Bromobenzene
Concen: 55.124 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

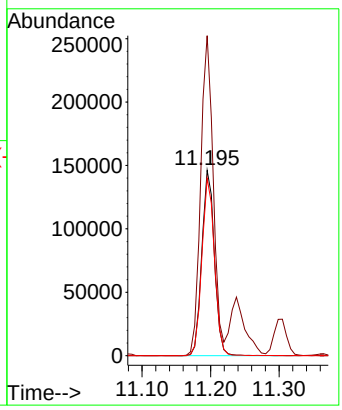
Tgt Ion:156 Resp: 18683

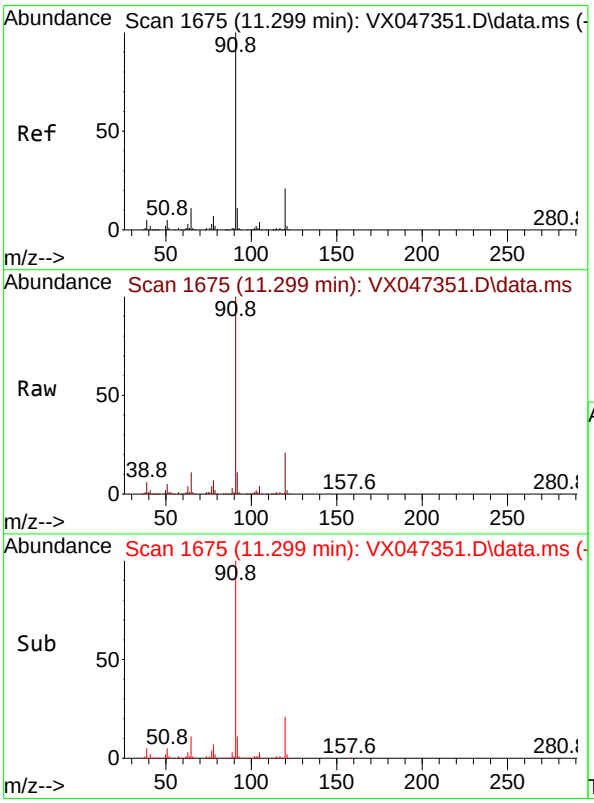
Ion	Ratio	Lower	Upper
156	100		
77	172.6	86.3	258.9
158	96.1	48.0	144.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

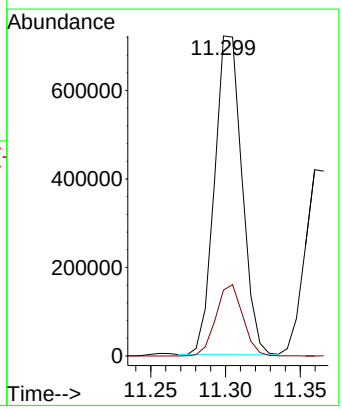


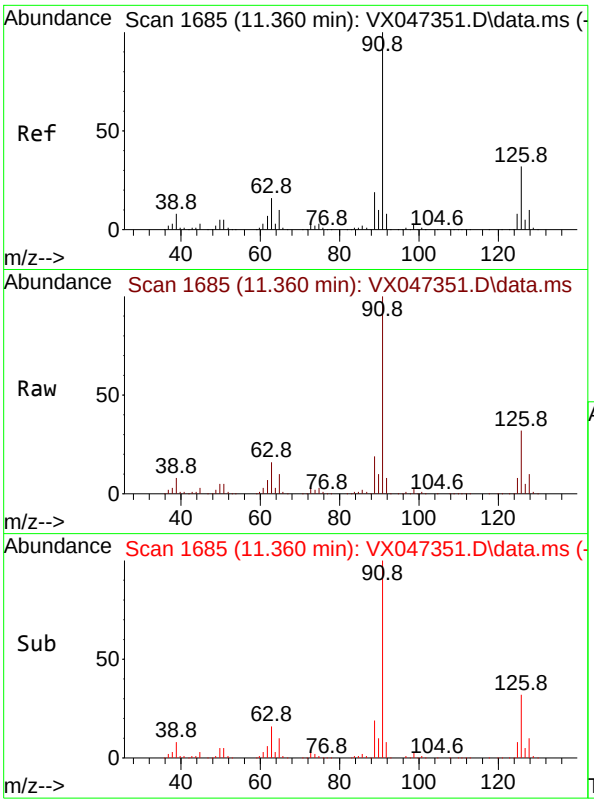


#78
n-propylbenzene
Concen: 55.413 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 91 Resp: 918573

Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.0	33.0

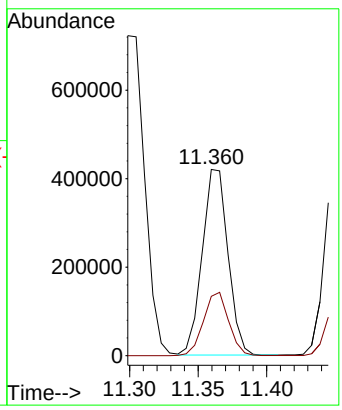




#79
2-Chlorotoluene
Concen: 54.793 ug/l
RT: 11.360 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 91 Resp: 54907

Ion	Ratio	Lower	Upper
91	100		
126	33.4	16.7	50.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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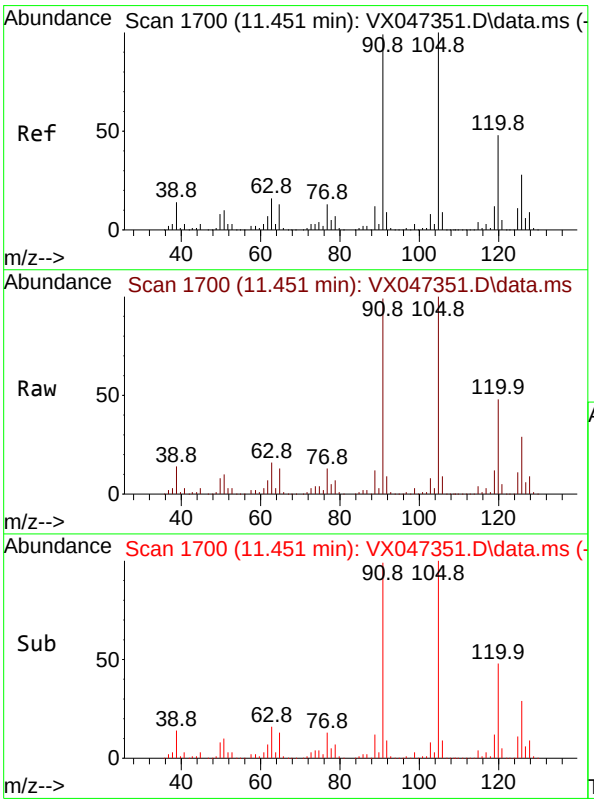
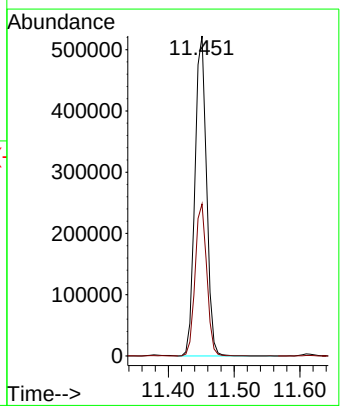
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

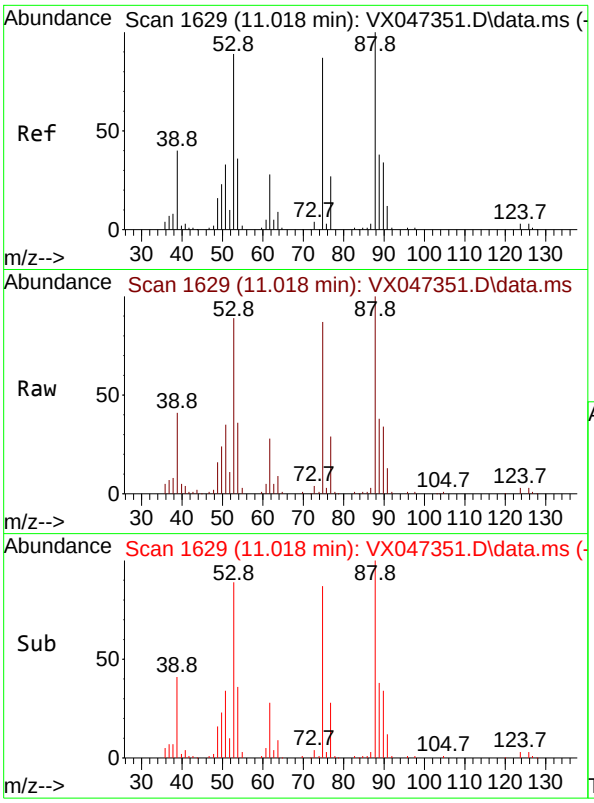


#80
1,3,5-Trimethylbenzene
Concen: 55.720 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion:105 Resp: 636323

Ion	Ratio	Lower	Upper
105	100		
120	47.8	23.9	71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 47.608 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

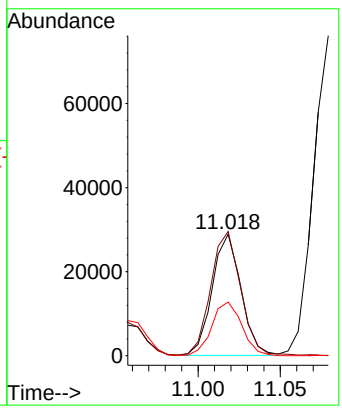
Tgt Ion: 75 Resp: 3529

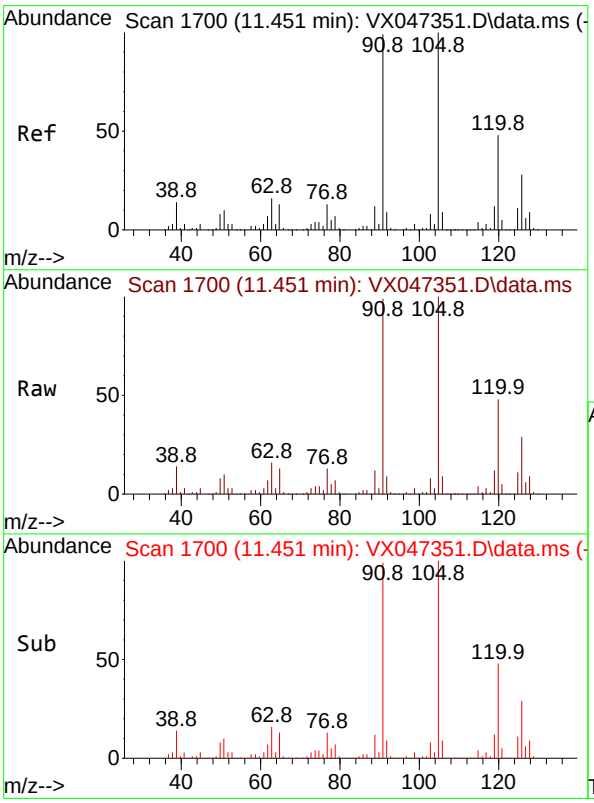
Ion	Ratio	Lower	Upper
75	100		
53	106.5	85.2	127.8
89	45.9	36.7	55.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

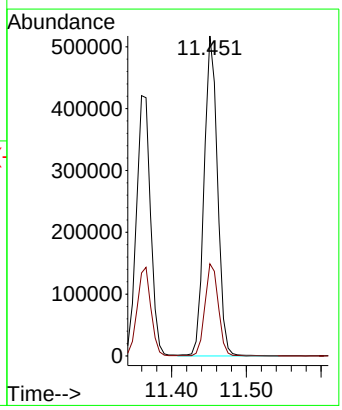


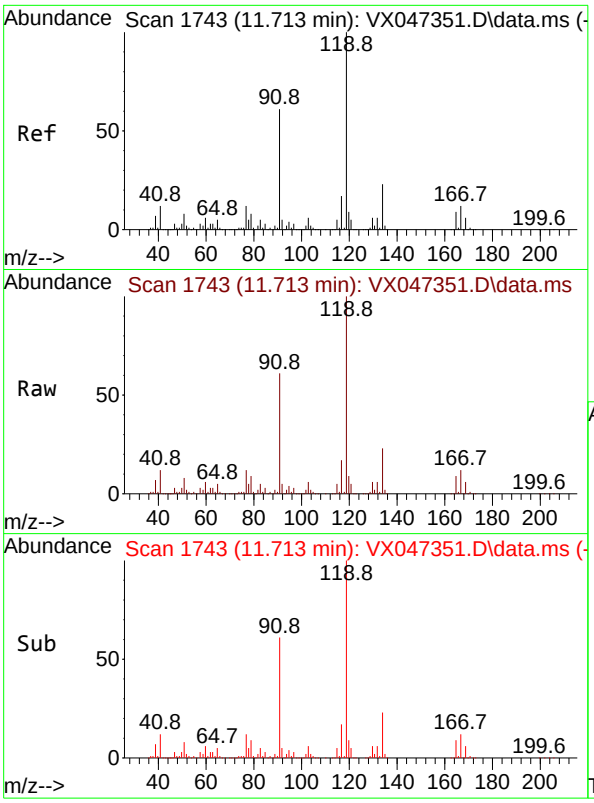


#82
4-Chlorotoluene
Concen: 54.505 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 91 Resp: 643830

Ion	Ratio	Lower	Upper
91	100		
126	28.7	14.4	43.0





#83
tert-Butylbenzene
Concen: 56.344 ug/l
RT: 11.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion:119 Resp: 64195

Ion	Ratio	Lower	Upper
119	100		
91	58.3	29.1	87.4
134	22.6	11.3	33.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

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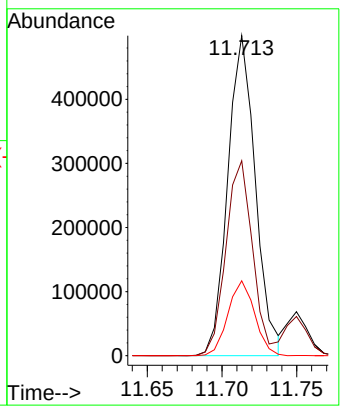
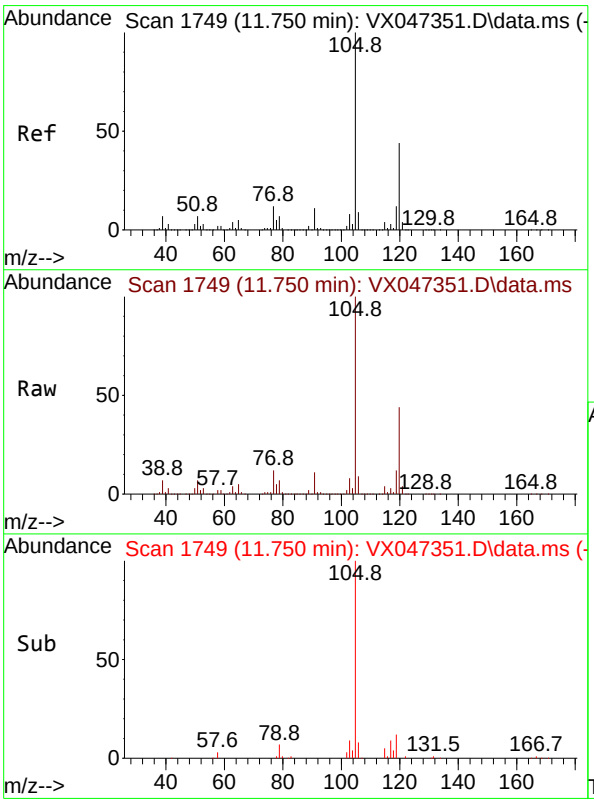
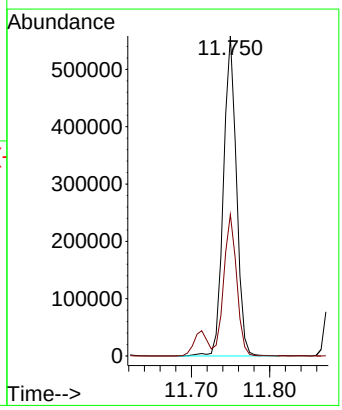


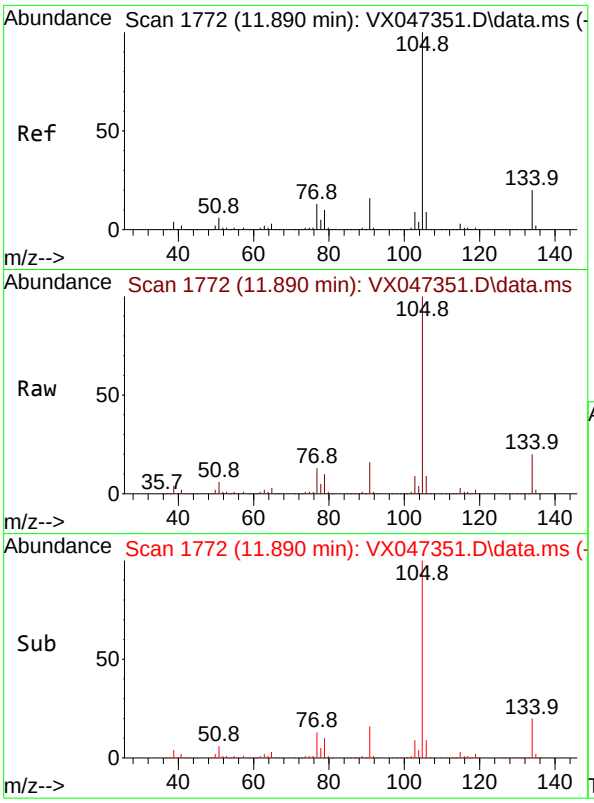


#84
1,2,4-Trimethylbenzene
Concen: 56.614 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion:105 Resp: 646548

Ion	Ratio	Lower	Upper
105	100		
120	43.8	21.9	65.7

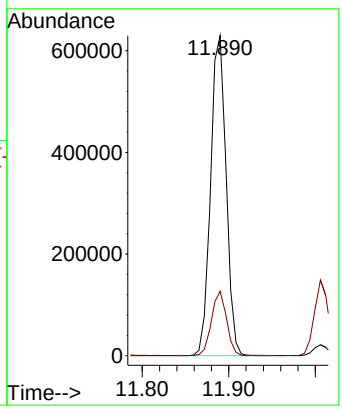




#85
sec-Butylbenzene
Concen: 55.470 ug/l
RT: 11.890 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion:105 Resp: 78334

Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/18/2025
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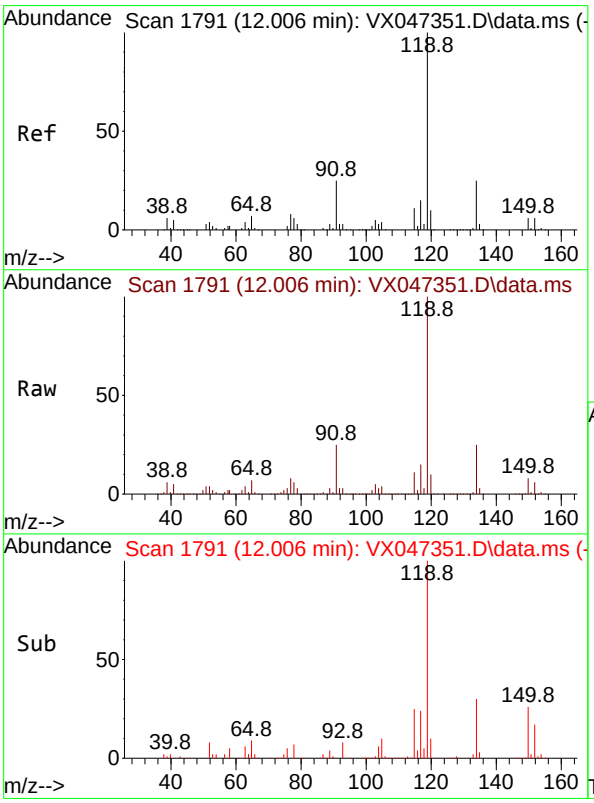
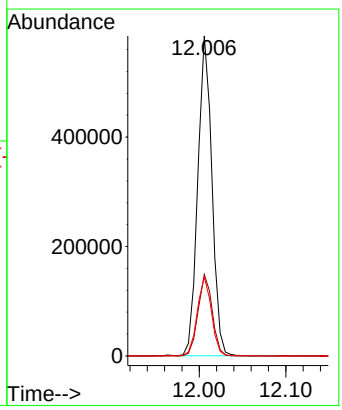
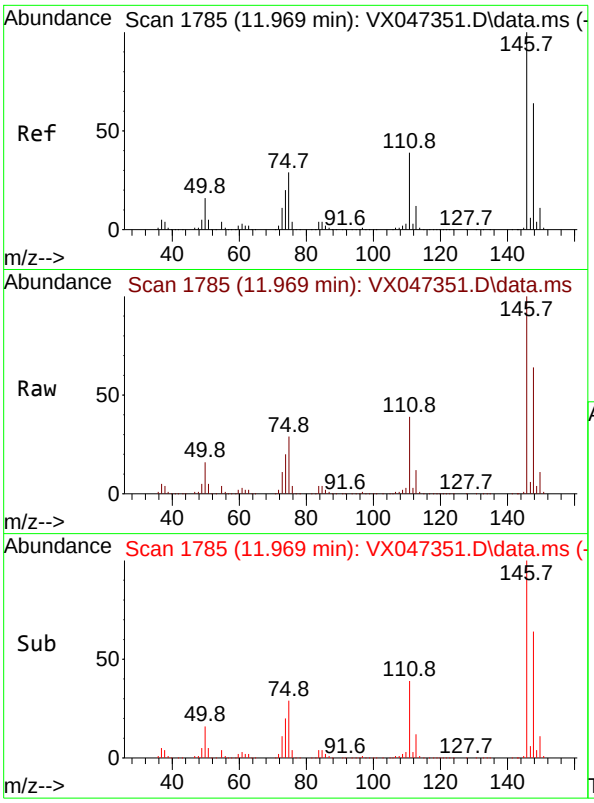


#86
p-Isopropyltoluene
Concen: 55.303 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion:119 Resp: 660872

Ion	Ratio	Lower	Upper
119	100		
134	25.6	12.8	38.4
91	24.9	12.4	37.4

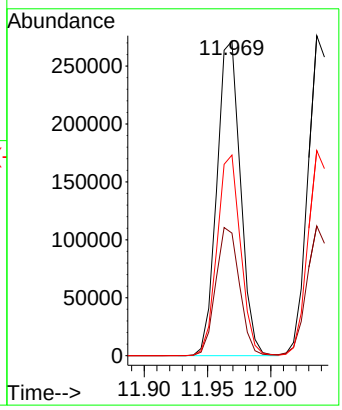




#87
1,3-Dichlorobenzene
Concen: 54.320 ug/l
RT: 11.969 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion:146 Resp: 35171

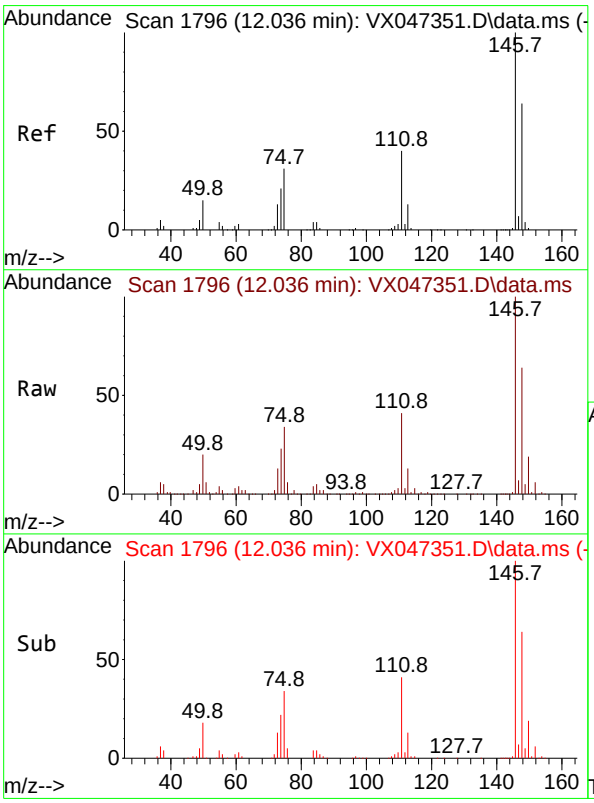
Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.6	61.8
148	63.7	31.9	95.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

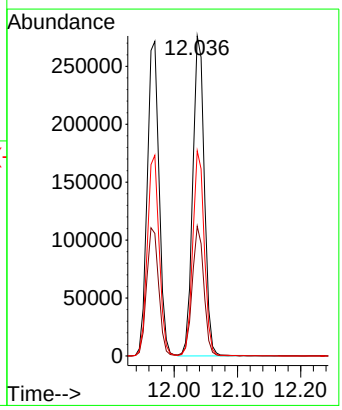
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

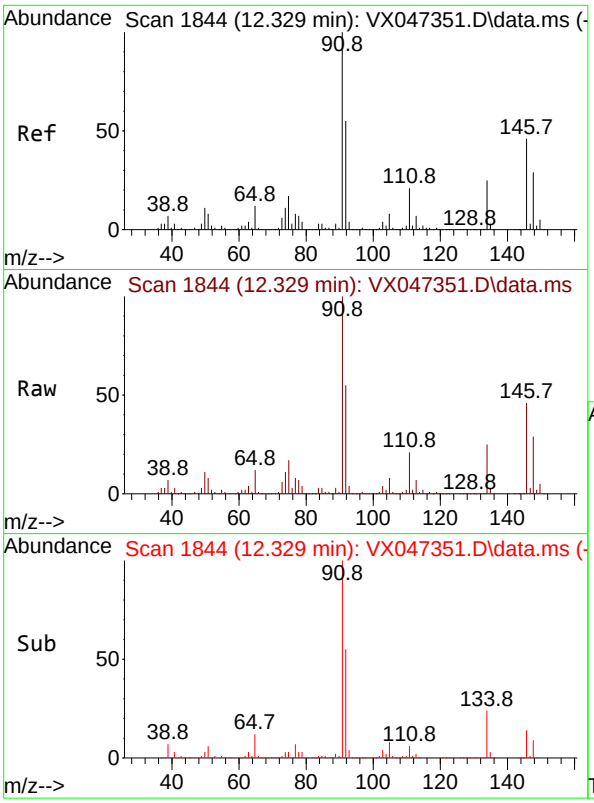


#88
1,4-Dichlorobenzene
Concen: 52.886 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion:146 Resp: 352196

Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.4	61.2
148	63.4	31.7	95.1

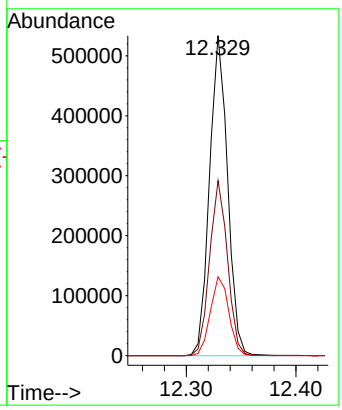




#89
n-Butylbenzene
Concen: 54.957 ug/l
RT: 12.329 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 91 Resp: 61084

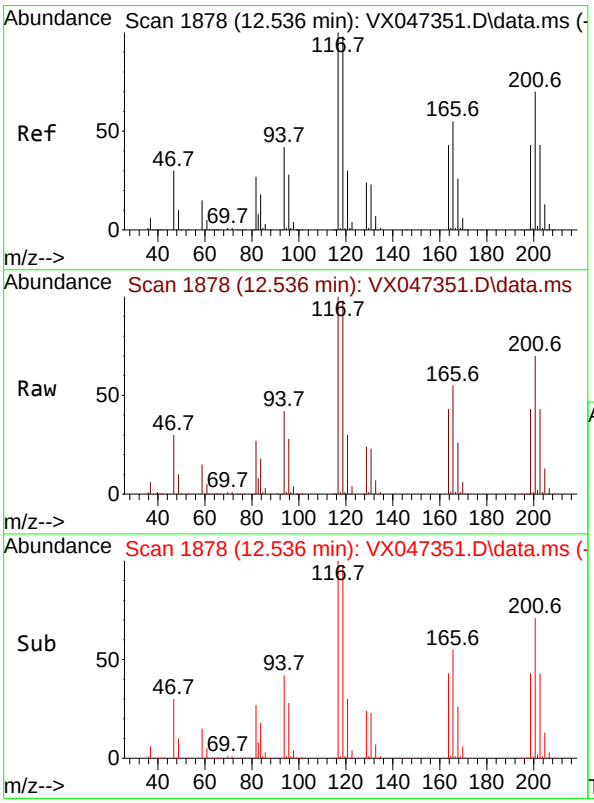
Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.2	81.5
134	25.2	12.6	37.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

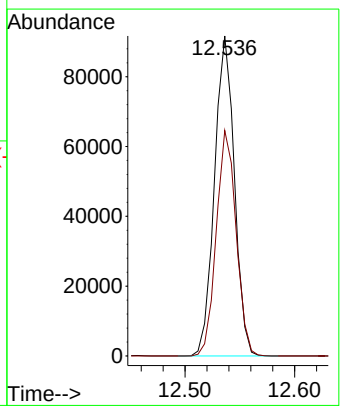
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

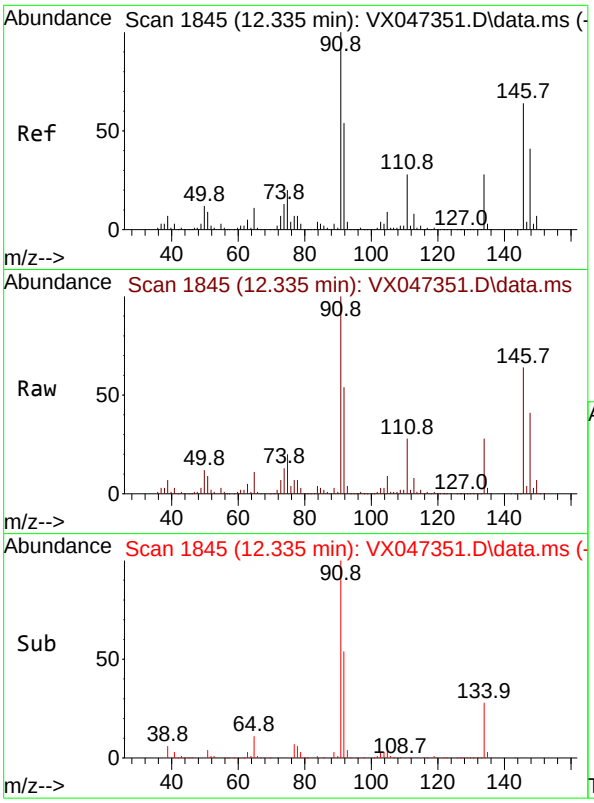


#90
Hexachloroethane
Concen: 55.228 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion:117 Resp: 115780

Ion	Ratio	Lower	Upper
117	100		
201	70.2	35.1	105.3

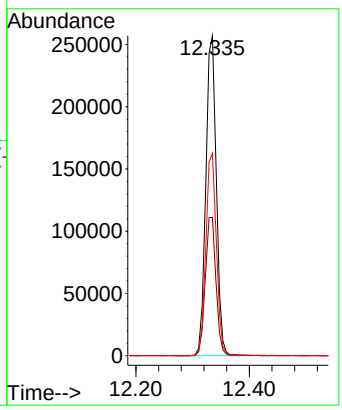




#91
1,2-Dichlorobenzene
Concen: 53.742 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion:146 Resp: 33028

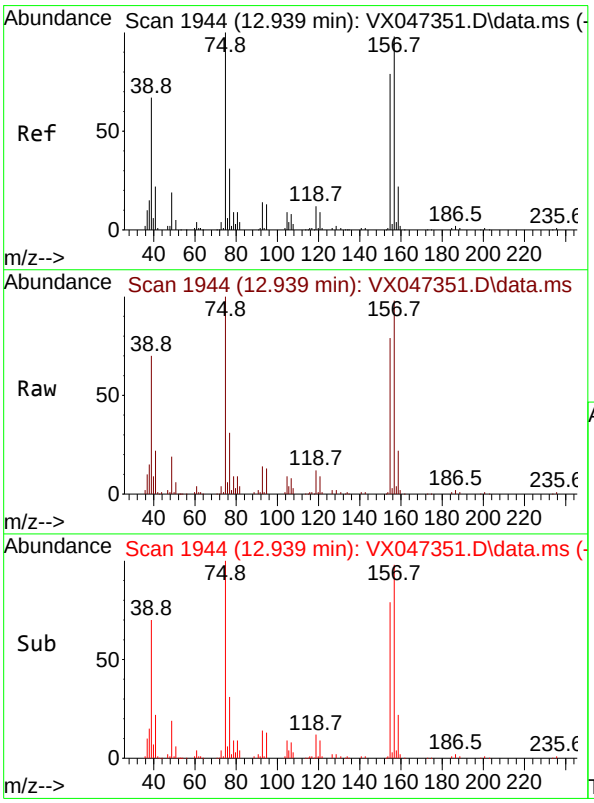
Ion	Ratio	Lower	Upper
146	100		
111	44.1	22.1	66.1
148	63.7	31.9	95.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

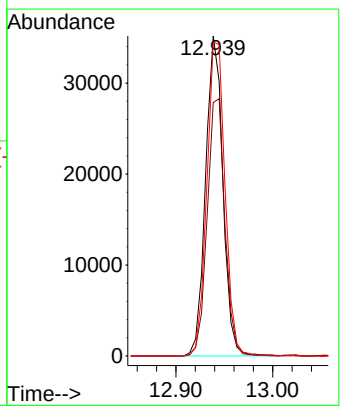
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

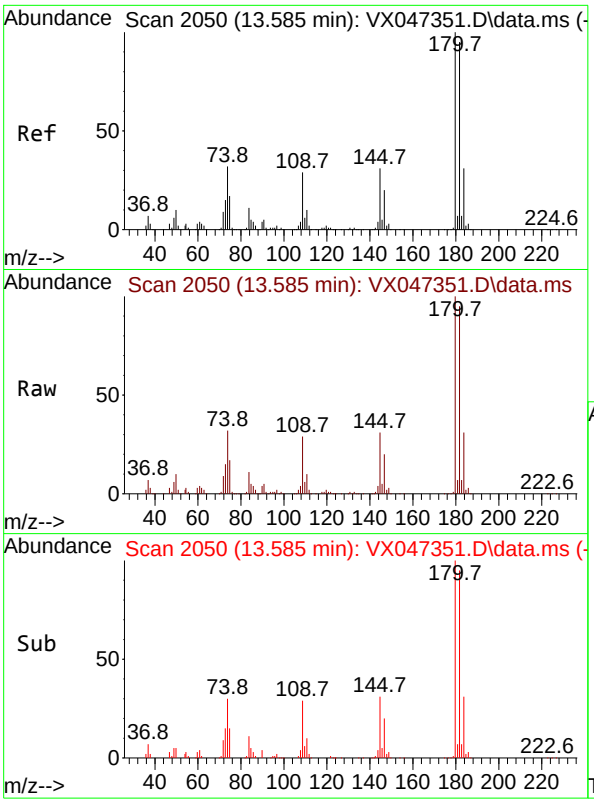


#92
1,2-Dibromo-3-Chloropropane
Concen: 55.654 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 75 Resp: 43861

Ion	Ratio	Lower	Upper
75	100		
155	82.5	41.3	123.7
157	103.0	51.5	154.5

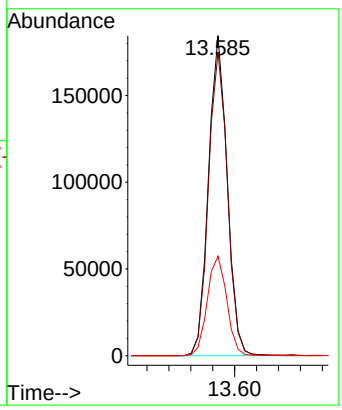




#93
1,2,4-Trichlorobenzene
Concen: 53.111 ug/l
RT: 13.585 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion:180 Resp: 21882

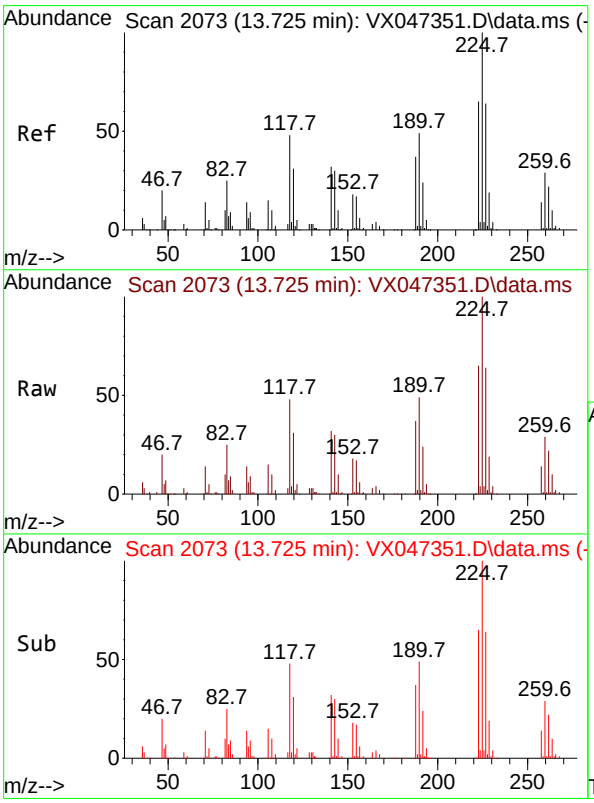
Ion	Ratio	Lower	Upper
180	100		
182	96.3	48.1	144.4
145	32.3	16.2	48.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

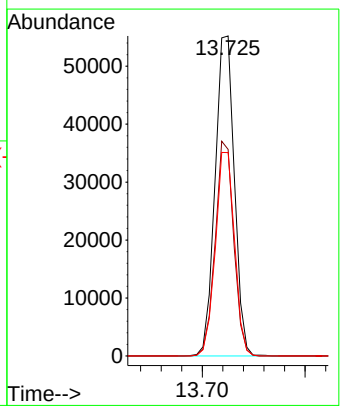
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

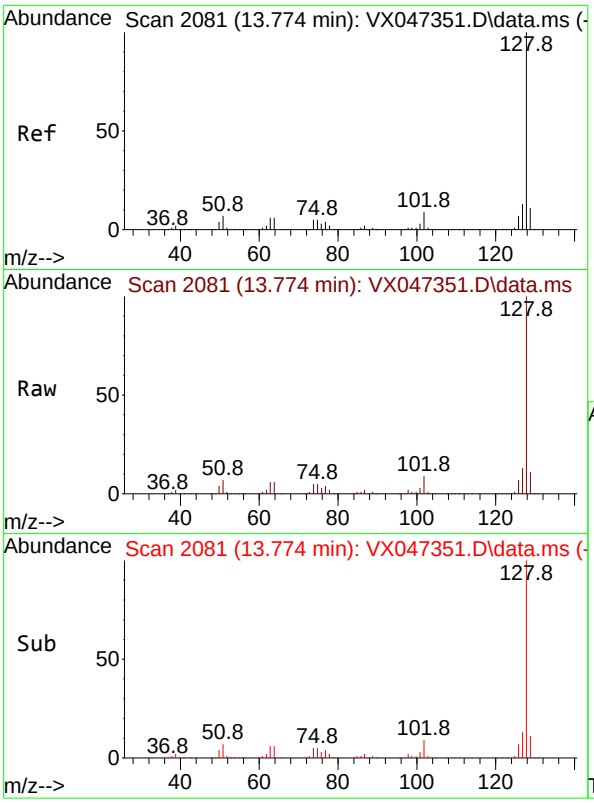


#94
Hexachlorobutadiene
Concen: 48.921 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion:225 Resp: 71744

Ion	Ratio	Lower	Upper
225	100		
223	64.4	32.2	96.6
227	63.3	31.6	95.0

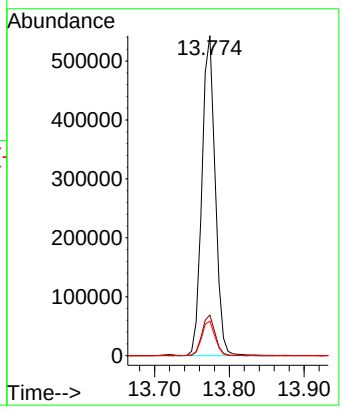




#95
Naphthalene
Concen: 56.930 ug/l
RT: 13.774 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion:128 Resp: 67030

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.1	15.1
129	10.9	8.7	13.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/18/2025
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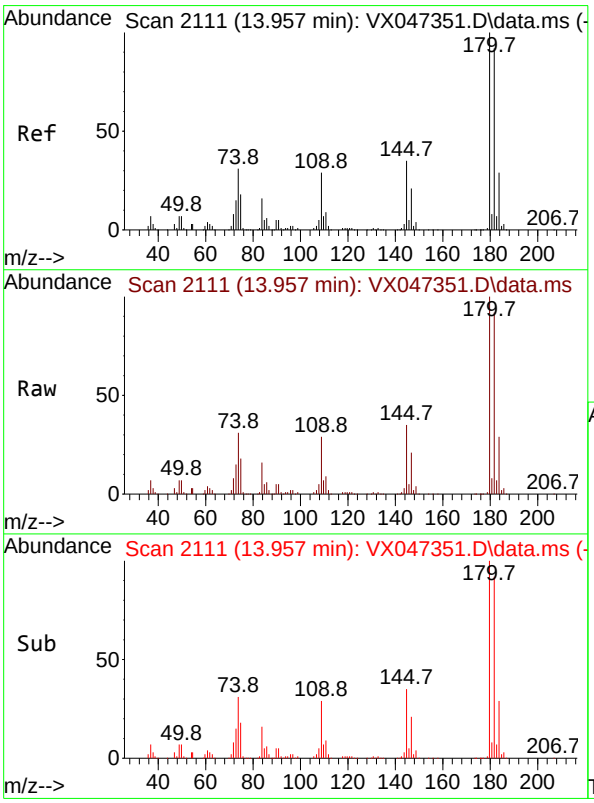
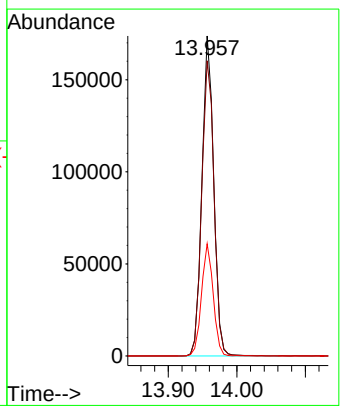


#96
1,2,3-Trichlorobenzene
Concen: 53.605 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion:180 Resp: 208179

Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.0	144.2
145	34.8	17.4	52.2



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047352.D
Acq On : 15 Aug 2025 10:43
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

Quant Time: Aug 18 02:54:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 02:51:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	230991	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	391443	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	345492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	163776	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	345087	106.746	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 213.500%#			
35) Dibromofluoromethane	5.397	113	276832	108.967	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 217.940%#			
50) Toluene-d8	8.653	98	975414	107.419	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 214.840%#			
62) 4-Bromofluorobenzene	11.079	95	353668	105.546	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 211.100%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	309782	105.204	ug/l	99
3) Chloromethane	1.313	50	261885	98.864	ug/l	96
4) Vinyl Chloride	1.392	62	336909	101.331	ug/l	97
5) Bromomethane	1.624	94	142644	106.217	ug/l	96
6) Chloroethane	1.703	64	189413	93.112	ug/l	98
7) Trichlorofluoromethane	1.904	101	489572	99.548	ug/l	99
8) Diethyl Ether	2.148	74	171145	98.832	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.349	101	288420	101.101	ug/l	99
10) Methyl Iodide	2.471	142	545687	111.619	ug/l	98
11) Tert butyl alcohol	2.971	59	143673	510.865	ug/l	99
12) 1,1-Dichloroethene	2.337	96	293450	100.899	ug/l	99
13) Acrolein	2.252	56	294322	495.763	ug/l	100
14) Allyl chloride	2.678	41	512225	101.402	ug/l	99
15) Acrylonitrile	3.081	53	691797	509.058	ug/l	100
16) Acetone	2.392	43	554774	456.549	ug/l	98
17) Carbon Disulfide	2.532	76	840388	95.757	ug/l	100
18) Methyl Acetate	2.715	43	318444	101.128	ug/l	100
19) Methyl tert-butyl Ether	3.129	73	906301	102.433	ug/l	98
20) Methylene Chloride	2.806	84	309183	96.088	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	302669	98.051	ug/l	99
22) Diisopropyl ether	3.776	45	1007141	100.865	ug/l	99
23) Vinyl Acetate	3.733	43	4206762	514.008	ug/l	99
24) 1,1-Dichloroethane	3.623	63	558936	99.034	ug/l	99
25) 2-Butanone	4.568	43	789816	496.288	ug/l	98
26) 2,2-Dichloropropane	4.489	77	434139	101.916	ug/l	100
27) cis-1,2-Dichloroethene	4.507	96	355238	98.806	ug/l	99
28) Bromochloromethane	4.910	49	258648	110.131	ug/l	99
29) Tetrahydrofuran	5.019	42	505709	491.640	ug/l	98
30) Chloroform	5.105	83	560984	97.394	ug/l	100
31) Cyclohexane	5.489	56	499975	96.100	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	499294	100.709	ug/l	99
36) 1,1-Dichloropropene	5.702	75	398144	99.278	ug/l	100
37) Ethyl Acetate	4.727	43	413279	99.265	ug/l	99
38) Carbon Tetrachloride	5.690	117	430061	98.132	ug/l	99
39) Methylcyclohexane	7.385	83	500907	100.134	ug/l	97
40) Benzene	6.050	78	1186760	98.866	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047352.D
Acq On : 15 Aug 2025 10:43
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

Quant Time: Aug 18 02:54:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 02:51:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	4.940	41	191678	109.177 ug/l	95
42) 1,2-Dichloroethane	6.098	62	416430	97.940 ug/l	99
43) Isopropyl Acetate	6.348	43	624423	104.400 ug/l	100
44) Trichloroethene	7.135	130	304976	99.224 ug/l	98
45) 1,2-Dichloropropane	7.434	63	298616	99.300 ug/l	97
46) Dibromomethane	7.586	93	214069	98.052 ug/l	99
47) Bromodichloromethane	7.824	83	452578	99.995 ug/l	100
48) Methyl methacrylate	7.696	41	322487	103.875 ug/l	99
49) 1,4-Dioxane	7.684	88	61142	2073.830 ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	1766006	513.097 ug/l	99
52) Toluene	8.720	92	733119	98.837 ug/l	100
53) t-1,3-Dichloropropene	8.982	75	423279	107.156 ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	463640	103.698 ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	275607	97.863 ug/l	98
56) Ethyl methacrylate	9.116	69	440765	106.154 ug/l	100
57) 1,3-Dichloropropane	9.311	76	469804	97.899 ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	1000312	496.016 ug/l	99
59) 2-Hexanone	9.433	43	1215128	510.384 ug/l	100
60) Dibromochloromethane	9.519	129	333420	99.621 ug/l	100
61) 1,2-Dibromoethane	9.610	107	285821	98.420 ug/l	98
64) Tetrachloroethene	9.275	164	248666	99.506 ug/l	98
65) Chlorobenzene	10.079	112	803672	97.887 ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	278595	100.380 ug/l	99
67) Ethyl Benzene	10.195	91	1424862	100.832 ug/l	99
68) m/p-Xylenes	10.299	106	1056553	200.518 ug/l	99
69) o-Xylene	10.640	106	508020	100.188 ug/l	99
70) Styrene	10.652	104	878271	102.509 ug/l	100
71) Bromoform	10.799	173	211374	101.376 ug/l	99
73) Isopropylbenzene	10.963	105	1326045	103.466 ug/l	99
74) N-amyl acetate	10.841	43	543008	111.573 ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	374215	99.448 ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	301098m	100.238 ug/l	
77) Bromobenzene	11.195	156	320460	102.397 ug/l	99
78) n-propylbenzene	11.305	91	1577819	103.081 ug/l	100
79) 2-Chlorotoluene	11.360	91	926261	100.105 ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	1084580	102.852 ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	70384	93.696 ug/l	98
82) 4-Chlorotoluene	11.451	91	1080450	99.058 ug/l	99
83) tert-Butylbenzene	11.713	119	1092054	103.803 ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	1086843	103.064 ug/l	99
85) sec-Butylbenzene	11.890	105	1343222	103.010 ug/l	99
86) p-Isopropyltoluene	12.006	119	1118938	101.405 ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	593233	99.223 ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	585597	95.231 ug/l	99
89) n-Butylbenzene	12.329	91	1050897	102.394 ug/l	100
90) Hexachloroethane	12.536	117	202423	104.570 ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	558580	98.430 ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	77939	107.101 ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	389962	102.504 ug/l	98
94) Hexachlorobutadiene	13.719	225	123286	91.042 ug/l	98
95) Naphthalene	13.774	128	1191910	109.632 ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	370778	103.395 ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047352.D
Acq On : 15 Aug 2025 10:43
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

Quant Time: Aug 18 02:54:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 02:51:35 2025
Response via : Initial Calibration

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

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

ICAL Form

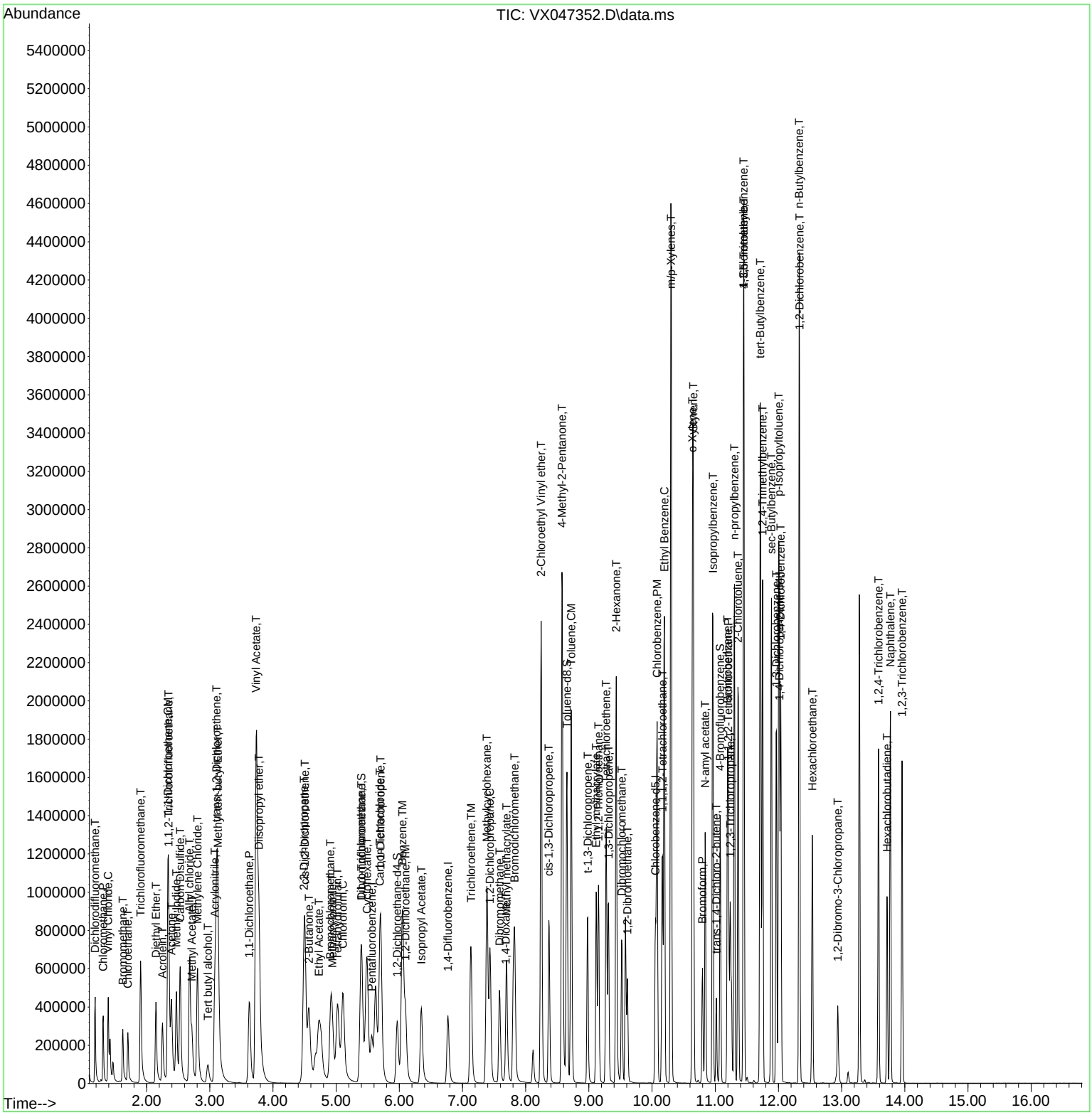
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047352.D
Acq On : 15 Aug 2025 10:43
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

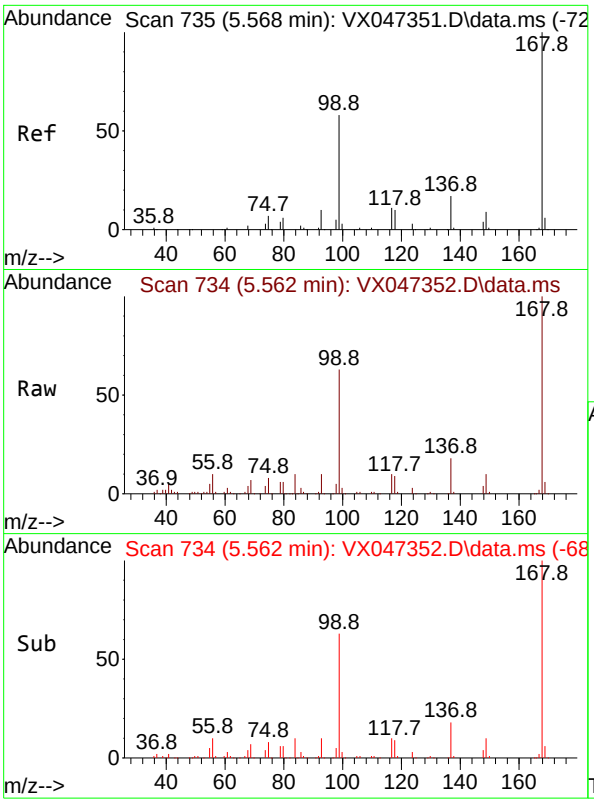
Quant Time: Aug 18 02:54:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 02:51:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

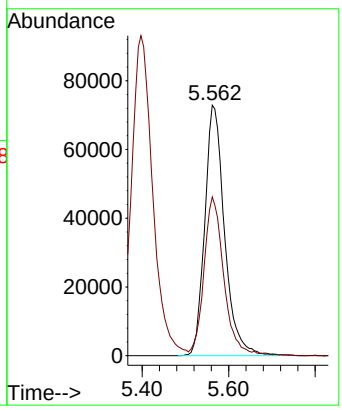




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion:168 Resp: 23099

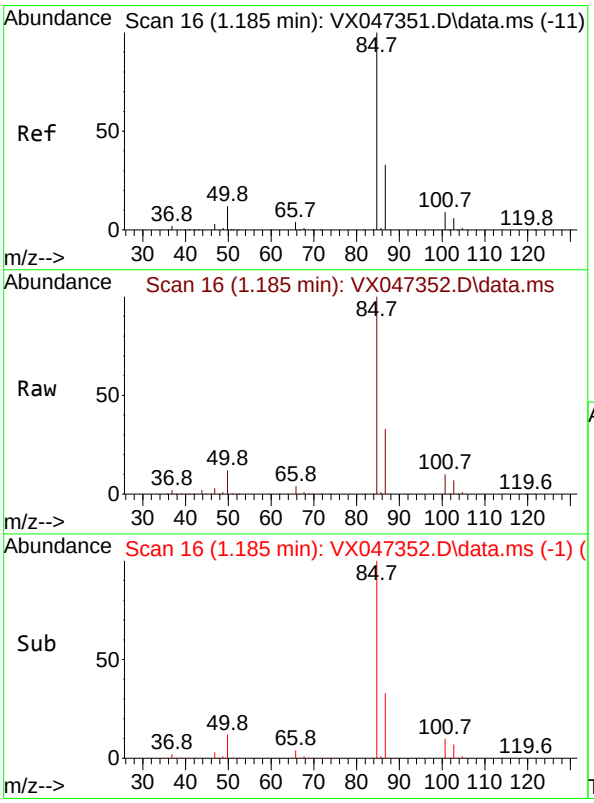
Ion	Ratio	Lower	Upper
168	100		
99	63.0	47.9	71.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

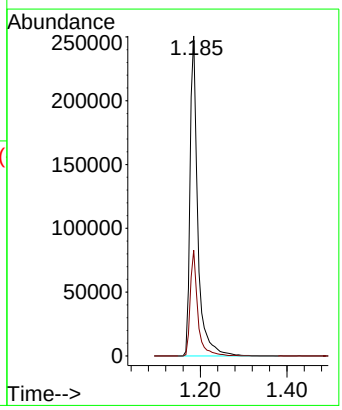
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

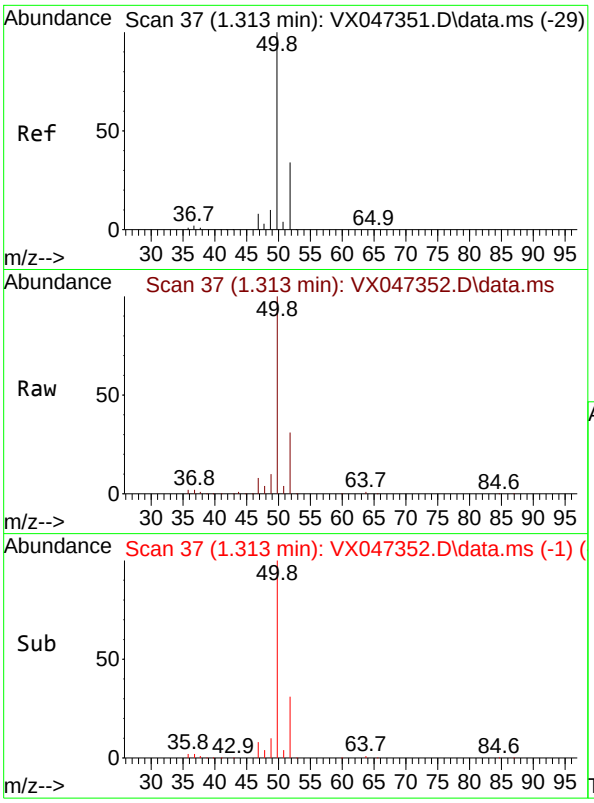


#2
Dichlorodifluoromethane
Concen: 105.204 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 85 Resp: 309782

Ion	Ratio	Lower	Upper
85	100		
87	33.1	16.4	49.1

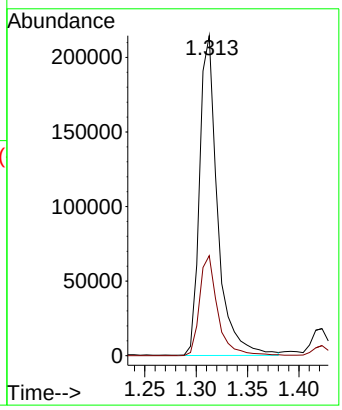




#3
Chloromethane
Concen: 98.864 ug/l
RT: 1.313 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 50 Resp: 26188

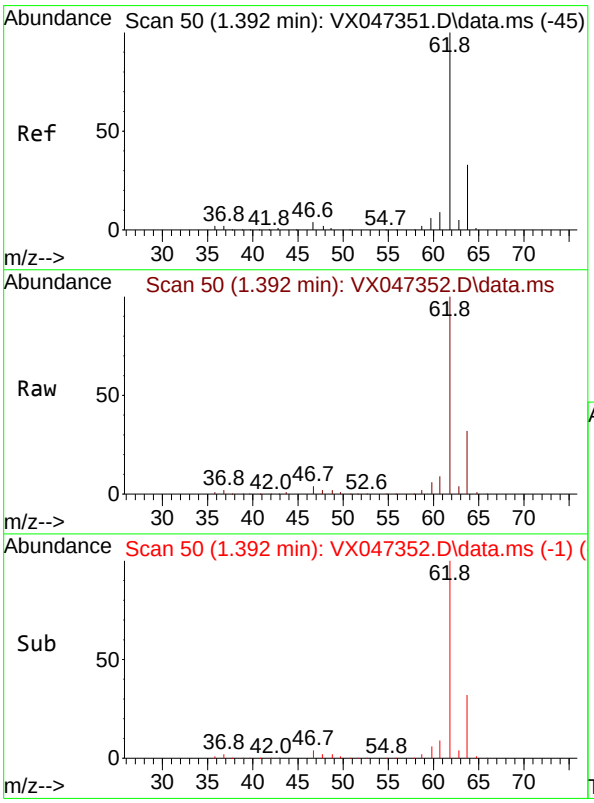
Ion	Ratio	Lower	Upper
50	100		
52	31.3	27.0	40.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

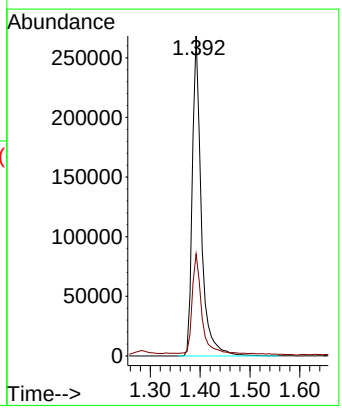
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

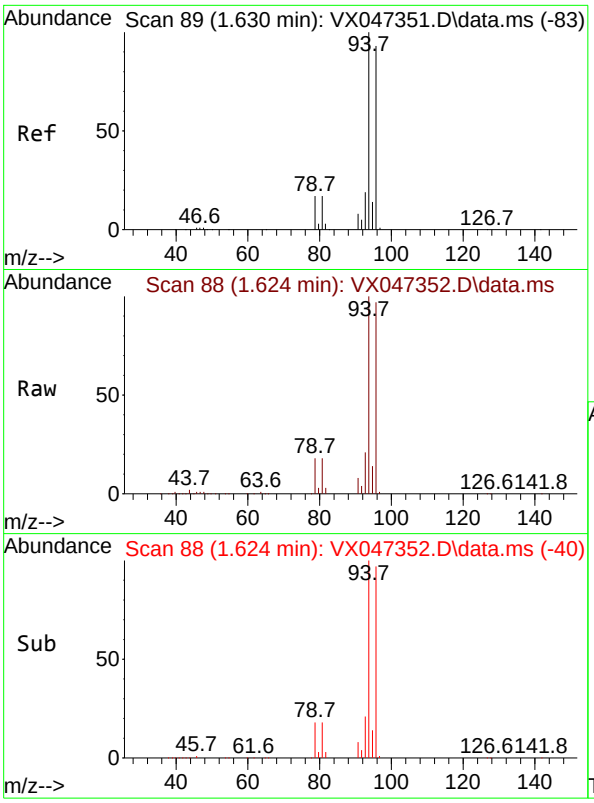


#4
Vinyl Chloride
Concen: 101.331 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 62 Resp: 336909

Ion	Ratio	Lower	Upper
62	100		
64	31.4	26.5	39.7

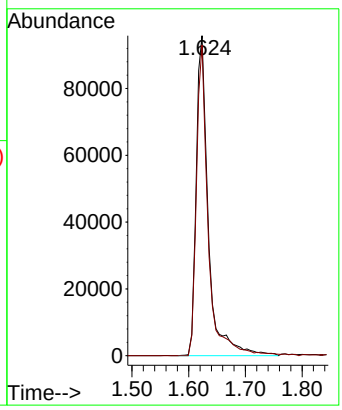




#5
Bromomethane
Concen: 106.217 ug/l
RT: 1.624 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 94 Resp: 14264

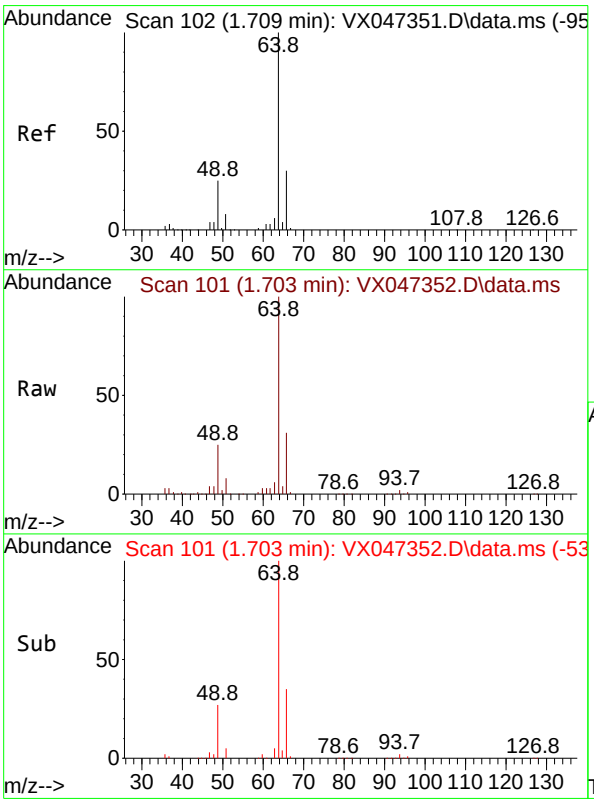
Ion	Ratio	Lower	Upper
94	100		
96	97.1	74.7	112.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

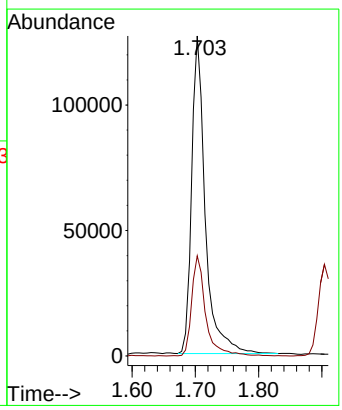
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

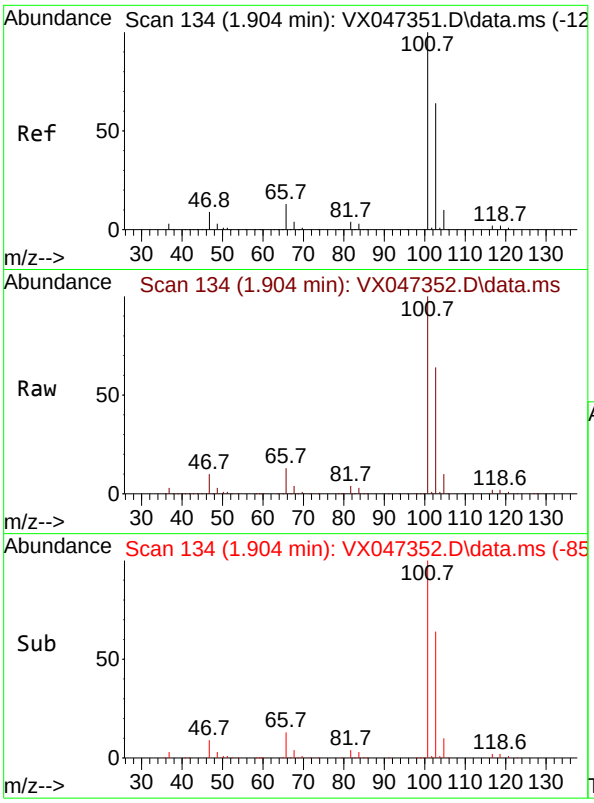


#6
Chloroethane
Concen: 93.112 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.006 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 64 Resp: 189413

Ion	Ratio	Lower	Upper
64	100		
66	31.4	24.4	36.6

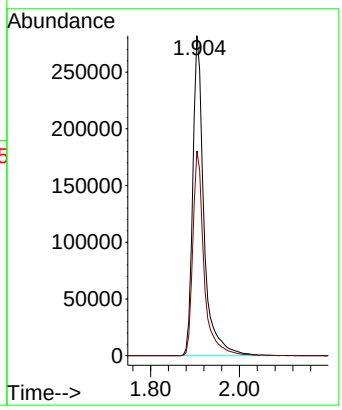




#7
Trichlorofluoromethane
Concen: 99.548 ug/l
RT: 1.904 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion:101 Resp: 48957

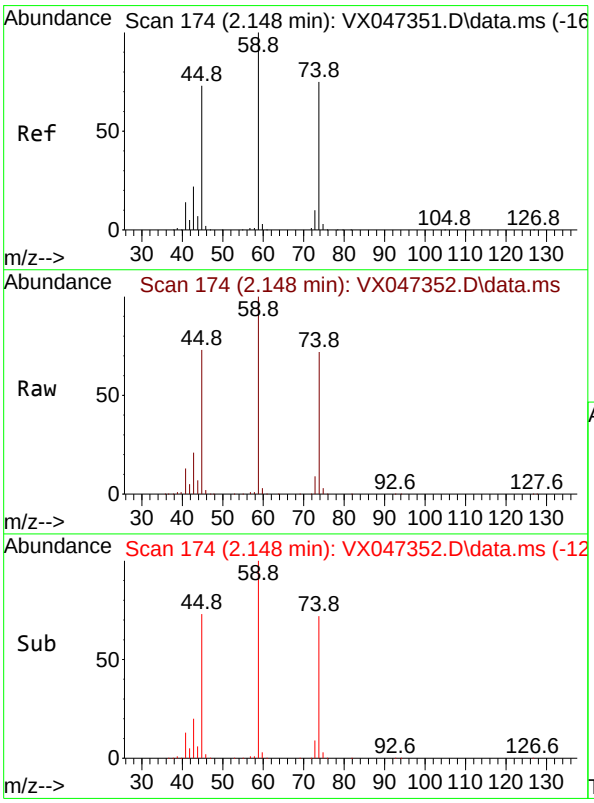
Ion	Ratio	Lower	Upper
101	100		
103	64.0	50.9	76.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

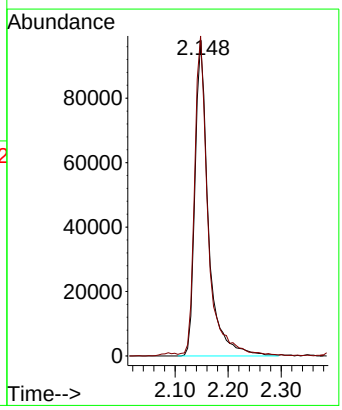
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

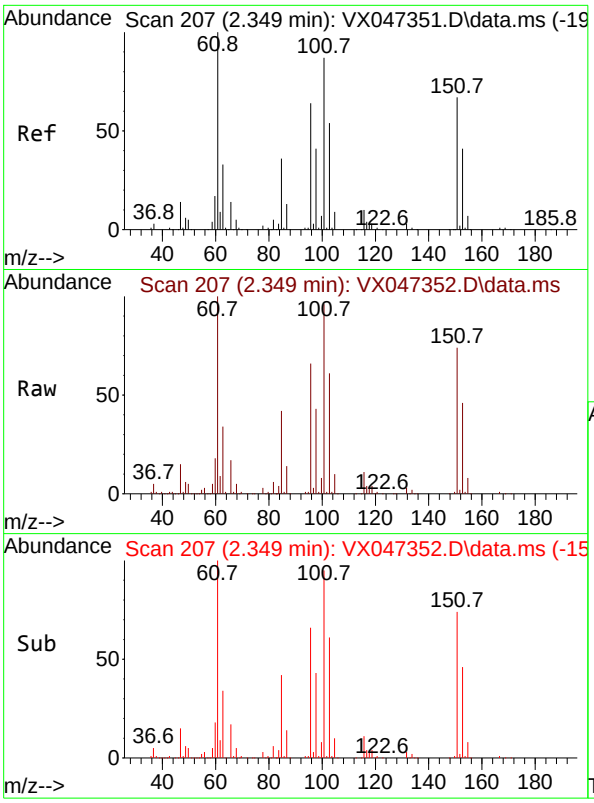


#8
Diethyl Ether
Concen: 98.832 ug/l
RT: 2.148 min Scan# 174
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 74 Resp: 171145

Ion	Ratio	Lower	Upper
74	100		
45	102.0	51.3	154.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 101.101 ug/l
RT: 2.349 min Scan# 2(
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

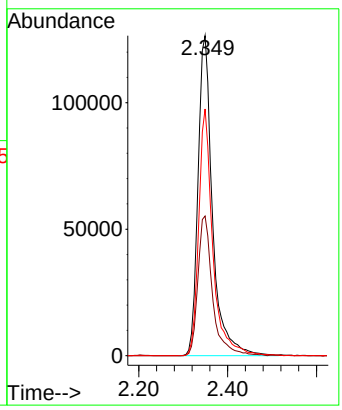
Tgt Ion:101 Resp: 28842(

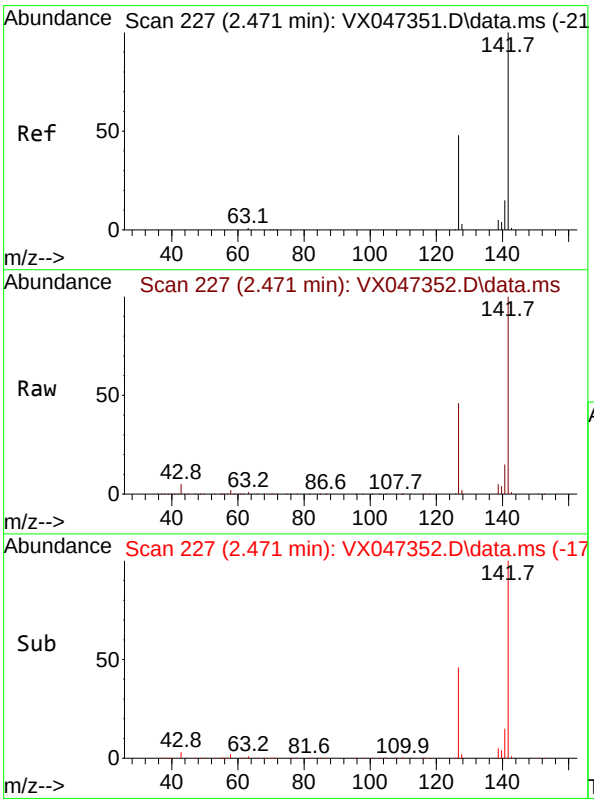
Ion	Ratio	Lower	Upper
101	100		
85	44.0	34.3	51.5
151	74.7	59.2	88.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

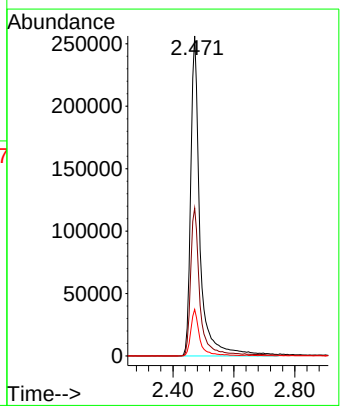


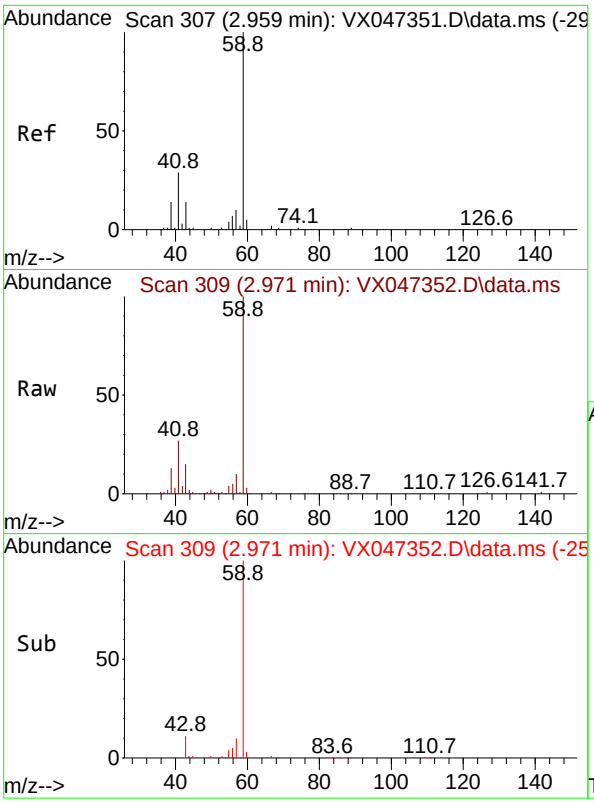


#10
Methyl Iodide
Concen: 111.619 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion:142 Resp: 545687

Ion	Ratio	Lower	Upper
142	100		
127	46.6	36.1	54.1
141	14.0	11.1	16.7

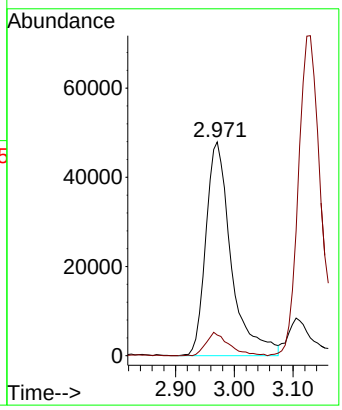




#11
Tert butyl alcohol
Concen: 510.865 ug/l
RT: 2.971 min Scan# 3
Delta R.T. 0.012 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 59 Resp: 14367

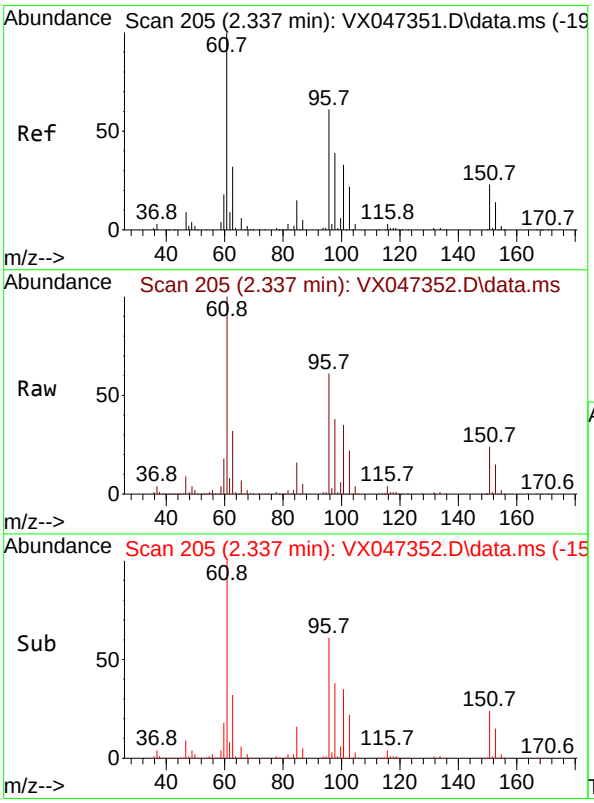
Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.3	12.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

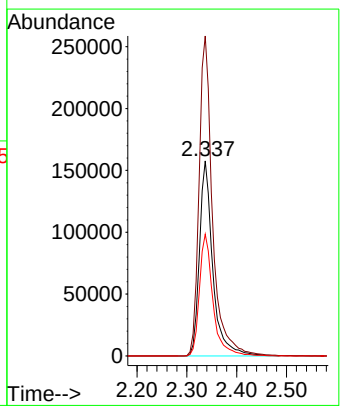
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

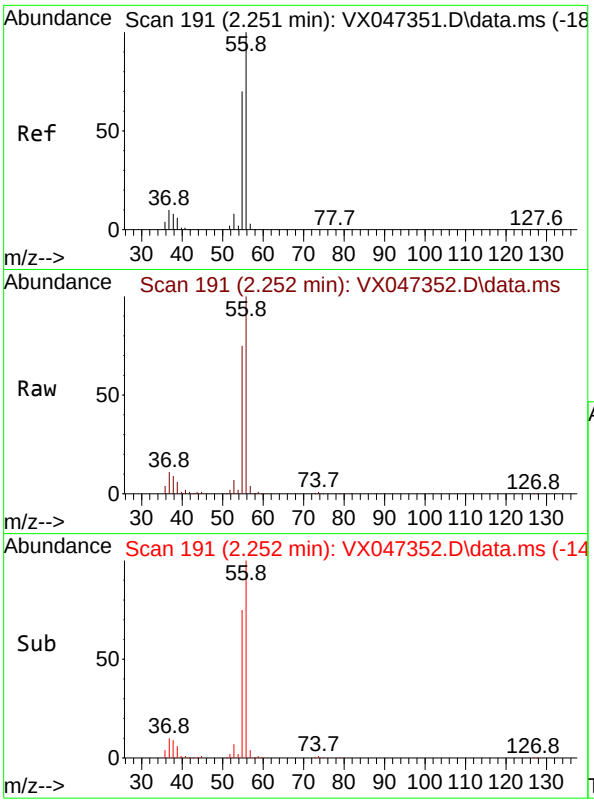


#12
1,1-Dichloroethene
Concen: 100.899 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 96 Resp: 293450

Ion	Ratio	Lower	Upper
96	100		
61	164.0	132.2	198.2
98	62.4	51.2	76.8

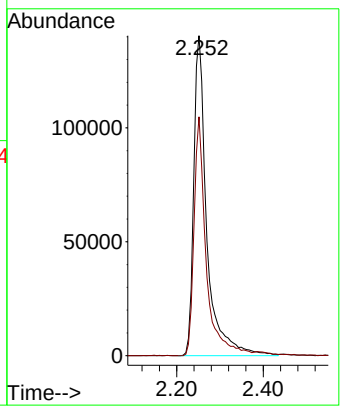




#13
Acrolein
Concen: 495.763 ug/l
RT: 2.252 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 56 Resp: 29432

Ion	Ratio	Lower	Upper
56	100		
55	69.4	55.5	83.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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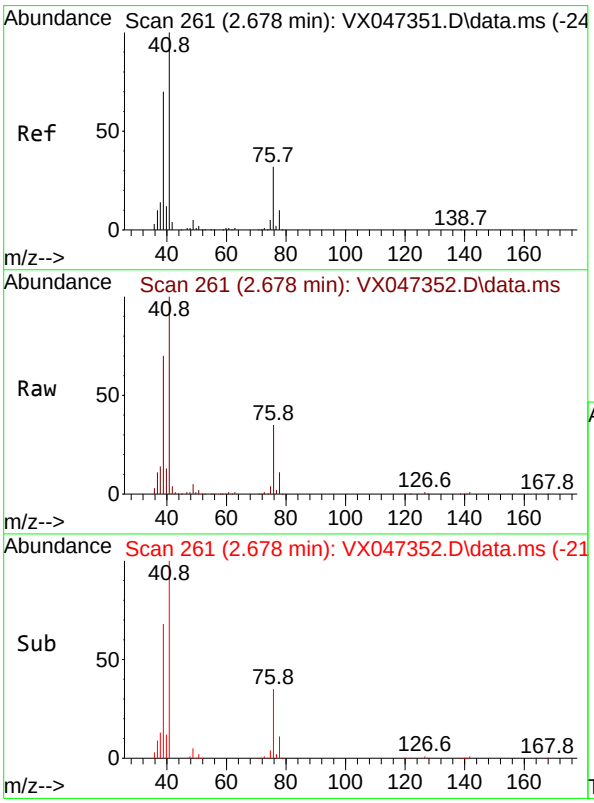
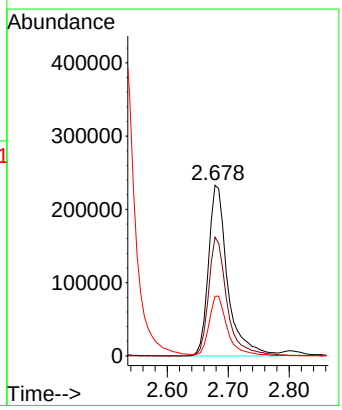
Supervised By :Mahesh Dadoda 08/19/2025

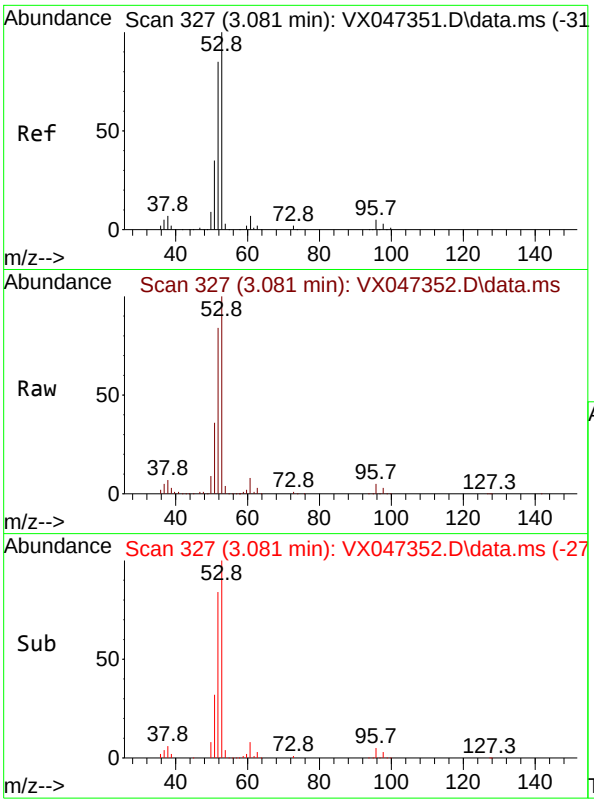


#14
Allyl chloride
Concen: 101.402 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 41 Resp: 512225

Ion	Ratio	Lower	Upper
41	100		
39	66.9	54.6	81.8
76	33.9	27.6	41.4

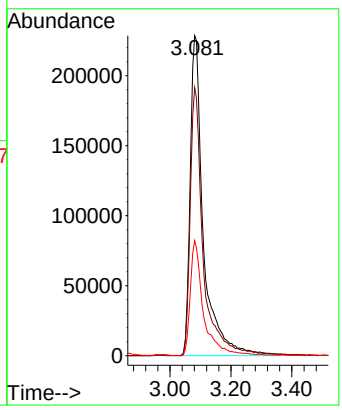




#15
Acrylonitrile
Concen: 509.058 ug/l
RT: 3.081 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 53 Resp: 69179

Ion	Ratio	Lower	Upper
53	100		
52	82.1	65.8	98.6
51	35.8	28.2	42.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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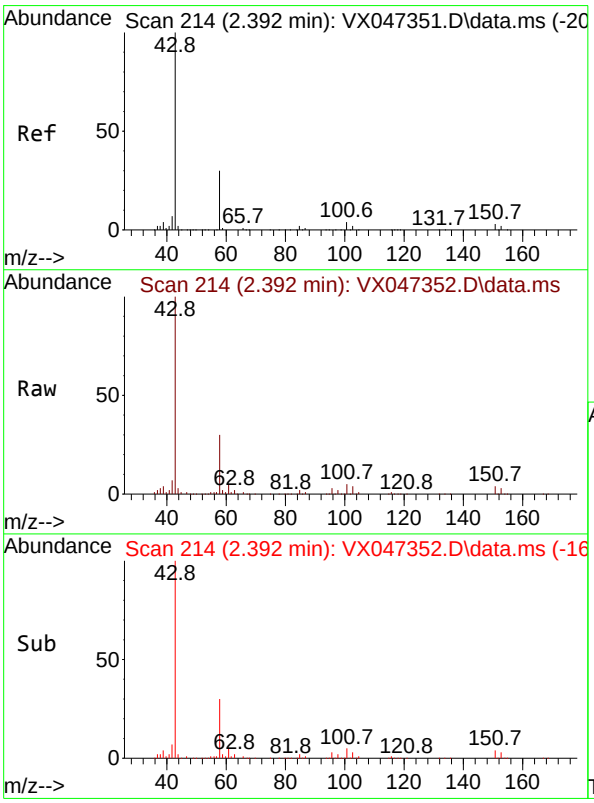
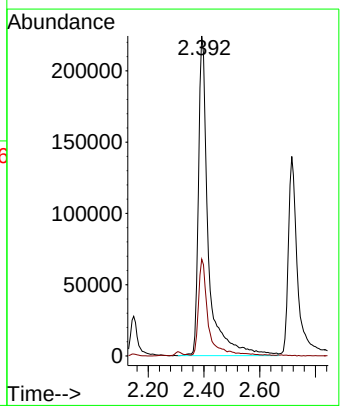
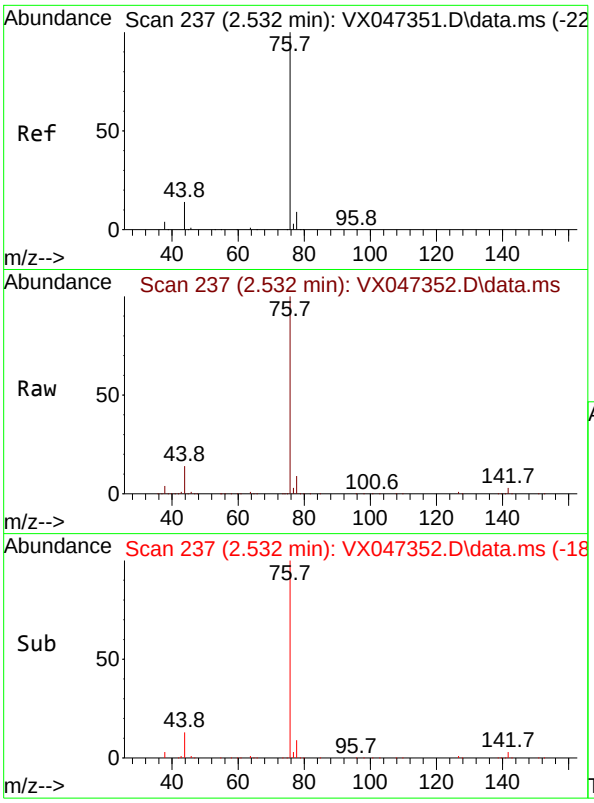


#16
Acetone
Concen: 456.549 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 43 Resp: 554774

Ion	Ratio	Lower	Upper
43	100		
58	30.0	24.8	37.2





#17
Carbon Disulfide
Concen: 95.757 ug/l
RT: 2.532 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 76 Resp: 84038

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.2	10.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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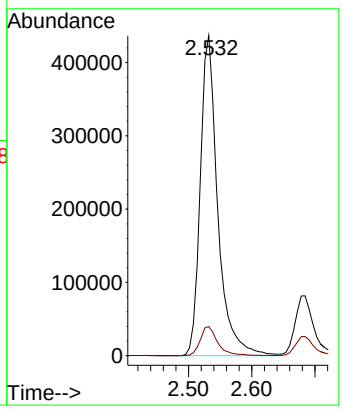
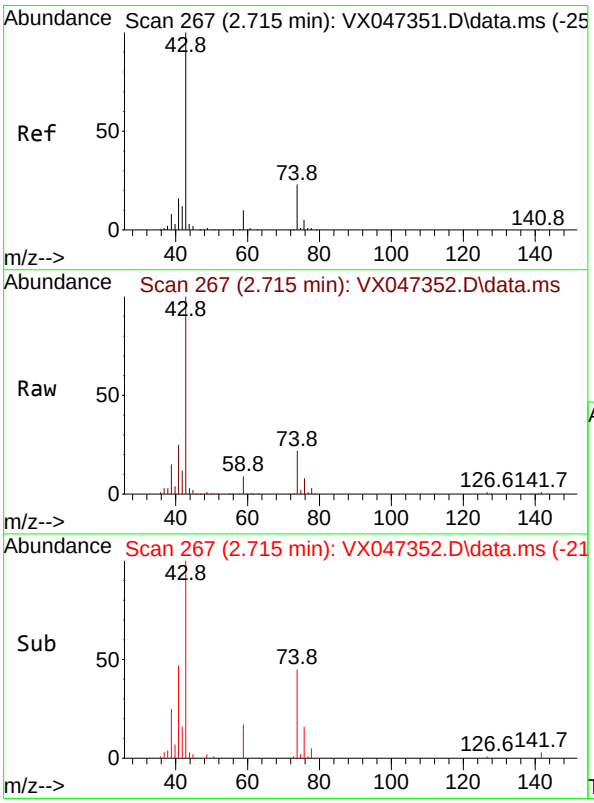
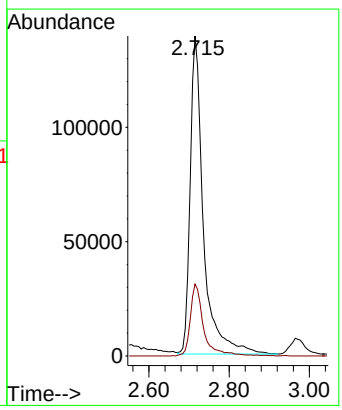


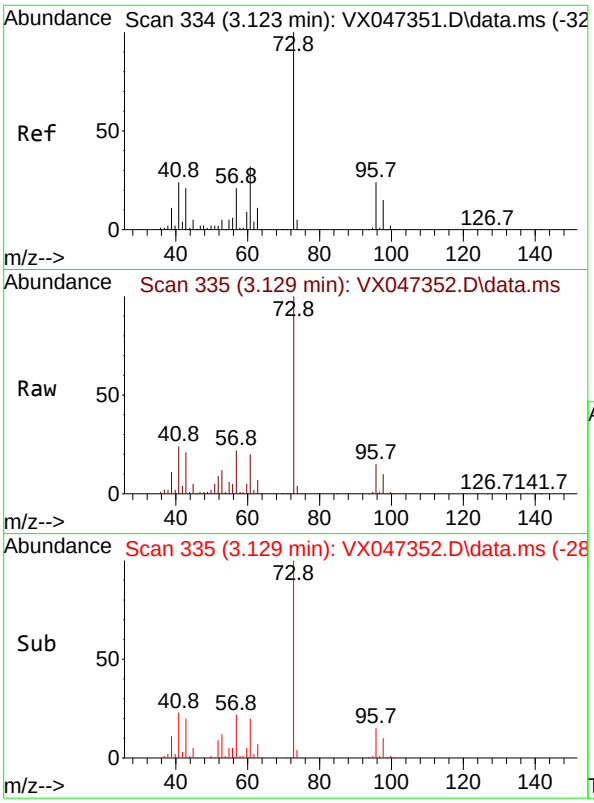


#18
Methyl Acetate
Concen: 101.128 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 43 Resp: 318444

Ion	Ratio	Lower	Upper
43	100		
74	22.8	18.4	27.6

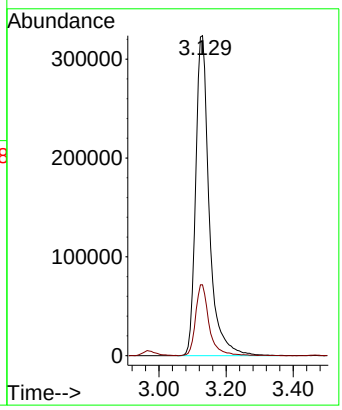




#19
Methyl tert-butyl Ether
Concen: 102.433 ug/l
RT: 3.129 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 73 Resp: 90630

Ion	Ratio	Lower	Upper
73	100		
57	22.2	17.0	25.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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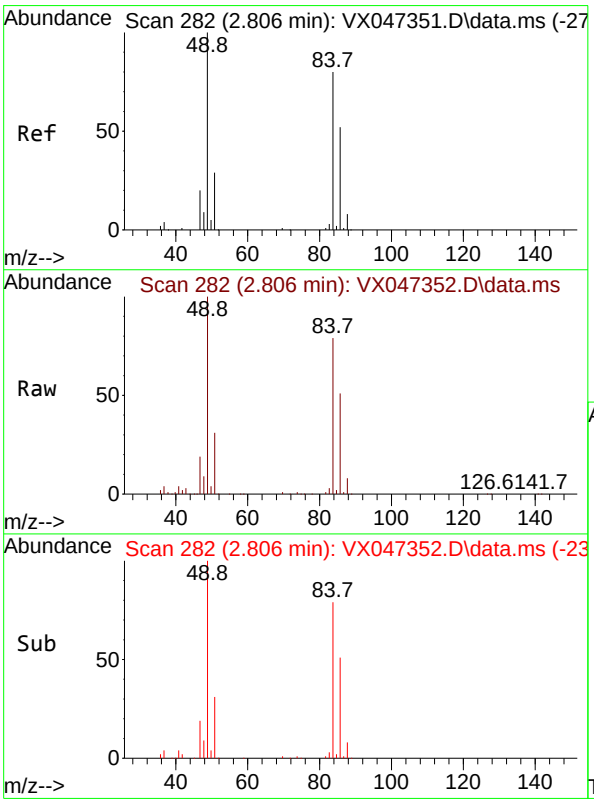
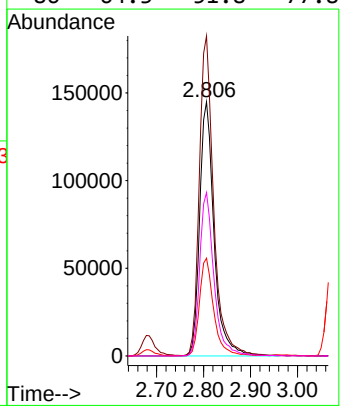
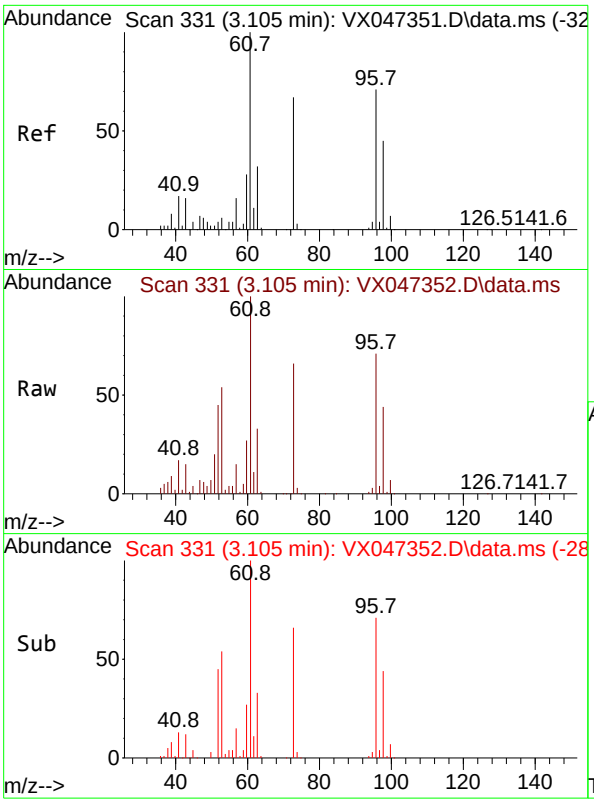


#20
Methylene Chloride
Concen: 96.088 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 84 Resp: 309183

Ion	Ratio	Lower	Upper
84	100		
49	125.7	100.1	150.1
51	38.3	29.5	44.3
86	64.3	51.8	77.8

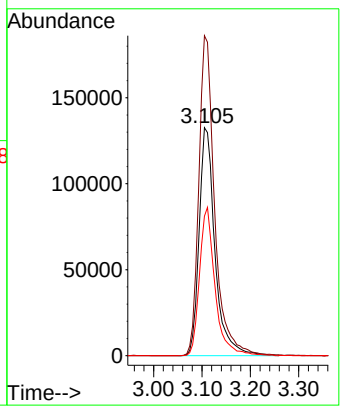




#21
trans-1,2-Dichloroethene
Concen: 98.051 ug/l
RT: 3.105 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 96 Resp: 30266

Ion	Ratio	Lower	Upper
96	100		
61	140.3	112.6	169.0
98	61.2	50.9	76.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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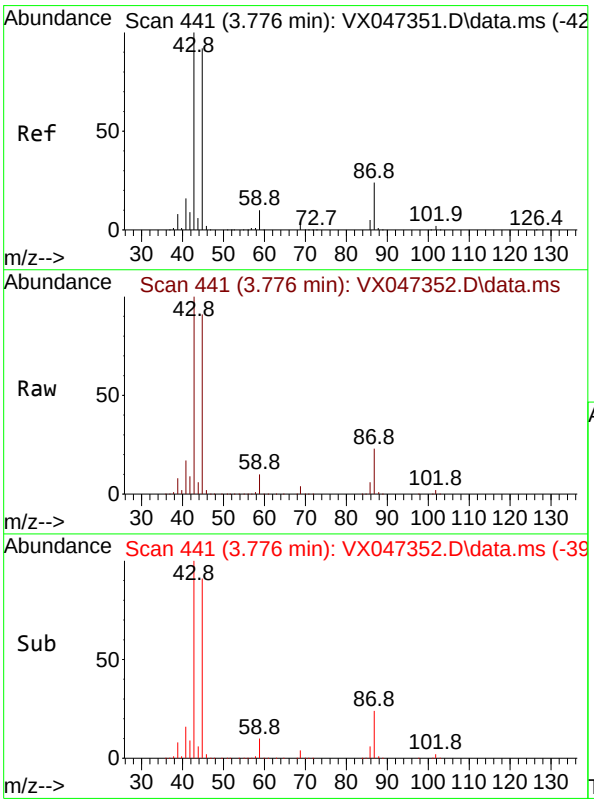
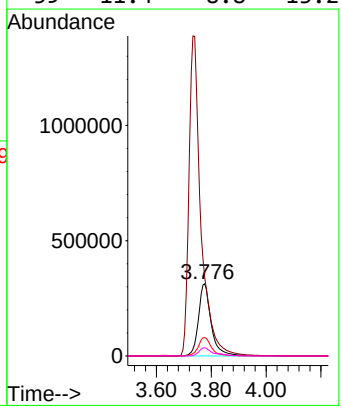
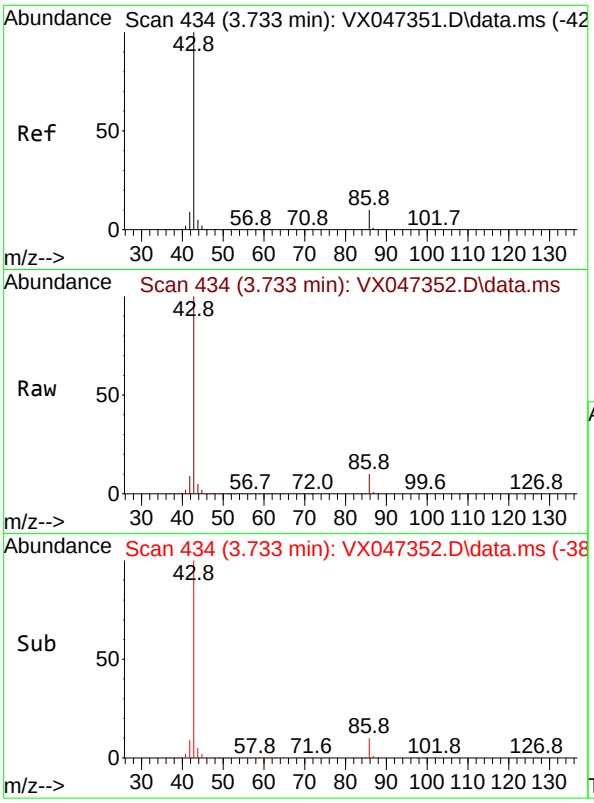


#22
Diisopropyl ether
Concen: 100.865 ug/l
RT: 3.776 min Scan# 441
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 45 Resp: 1007141

Ion	Ratio	Lower	Upper
45	100		
43	110.0	86.8	130.2
87	25.8	20.4	30.6
59	11.4	8.8	13.2

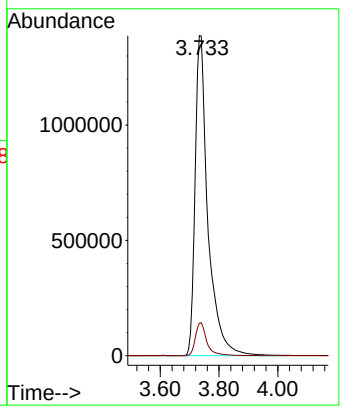




#23
Vinyl Acetate
Concen: 514.008 ug/l
RT: 3.733 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 43 Resp: 420676

Ion	Ratio	Lower	Upper
43	100		
86	10.1	7.9	11.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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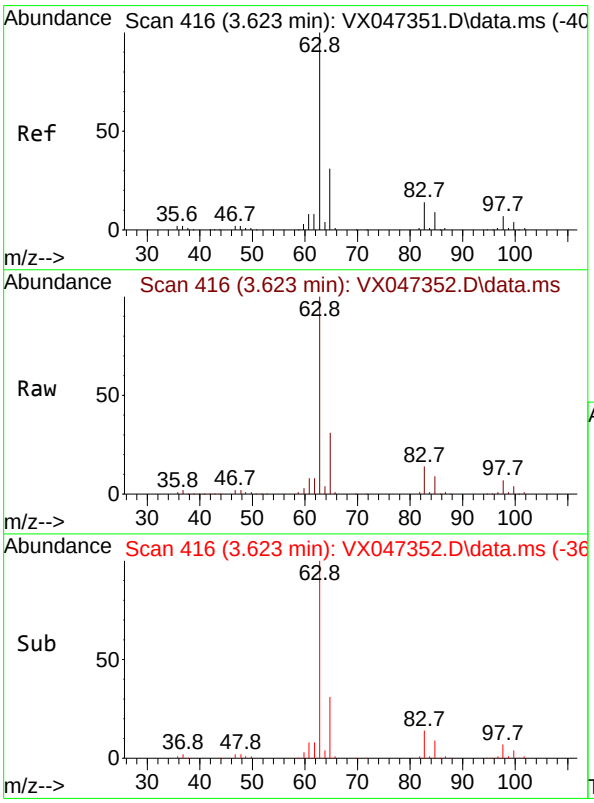
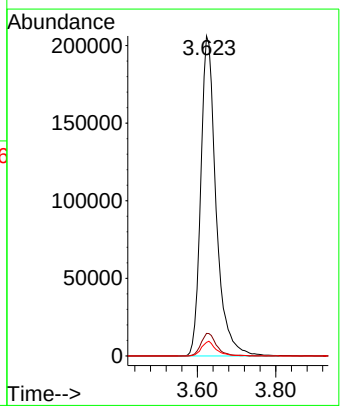
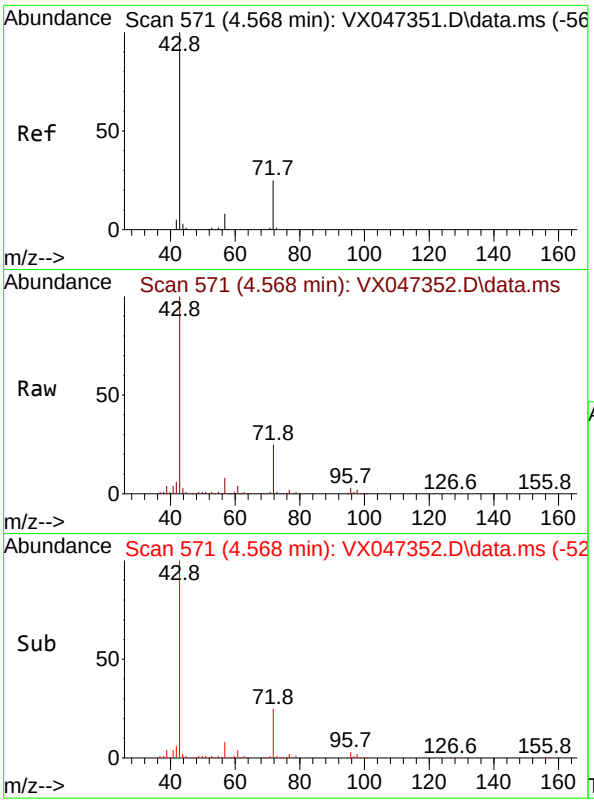


#24
1,1-Dichloroethane
Concen: 99.034 ug/l
RT: 3.623 min Scan# 416
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 63 Resp: 558936

Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.3	9.9
100	4.2	2.1	6.3





#25
2-Butanone
Concen: 496.288 ug/l
RT: 4.568 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 43 Resp: 78981

Ion	Ratio	Lower	Upper
43	100		
72	23.9	19.8	29.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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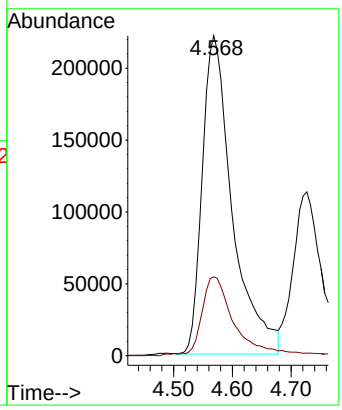
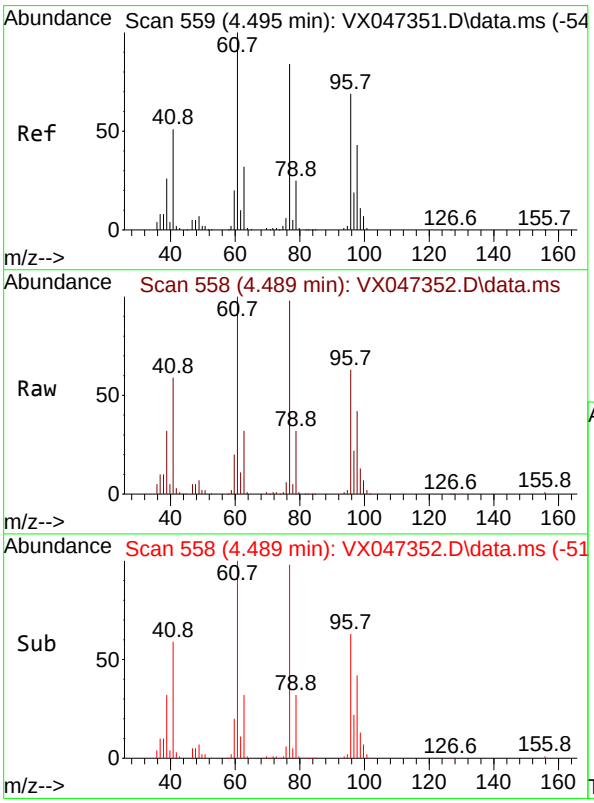
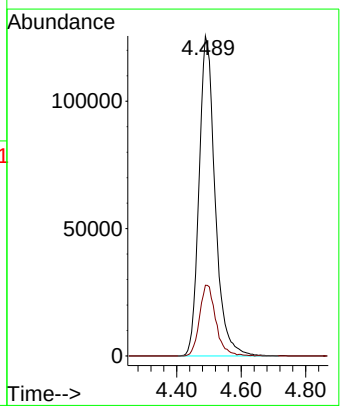


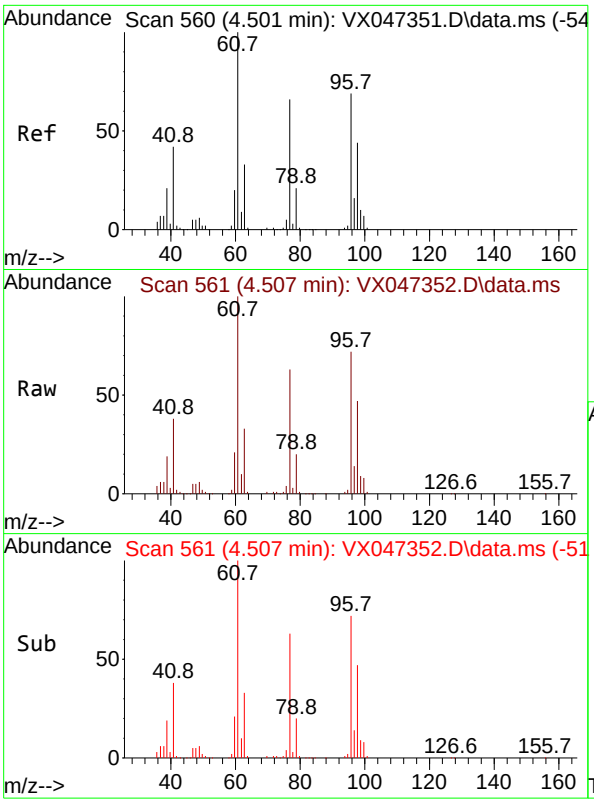


#26
2,2-Dichloropropane
Concen: 101.916 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 77 Resp: 434139

Ion	Ratio	Lower	Upper
77	100		
97	22.5	11.4	34.1

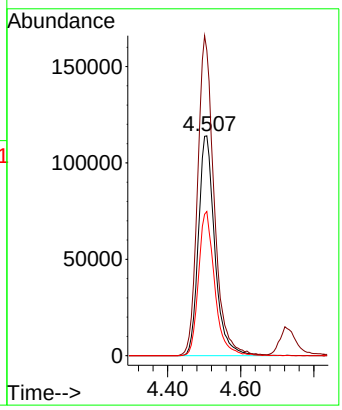




#27
cis-1,2-Dichloroethene
Concen: 98.806 ug/l
RT: 4.507 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 96 Resp: 35523

Ion	Ratio	Lower	Upper
96	100		
61	146.5	0.0	296.6
98	64.6	0.0	130.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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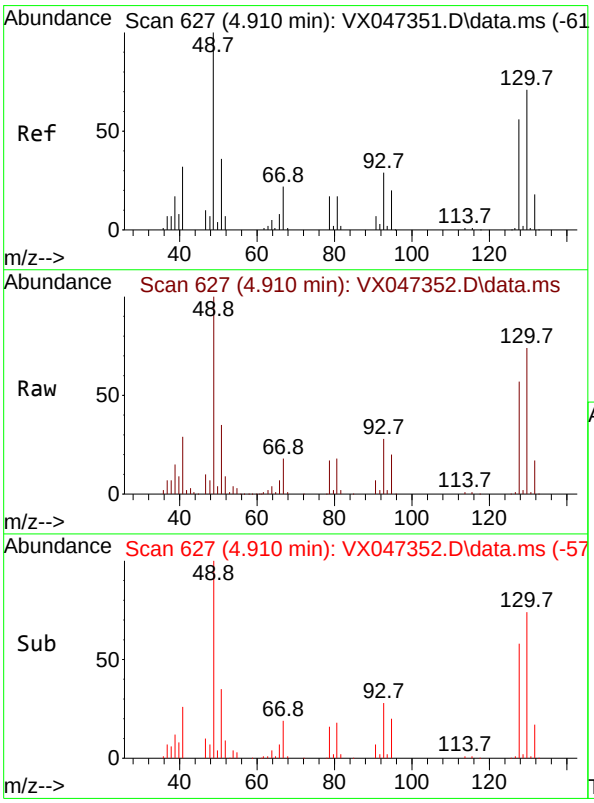
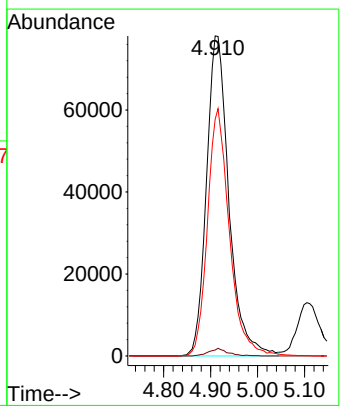
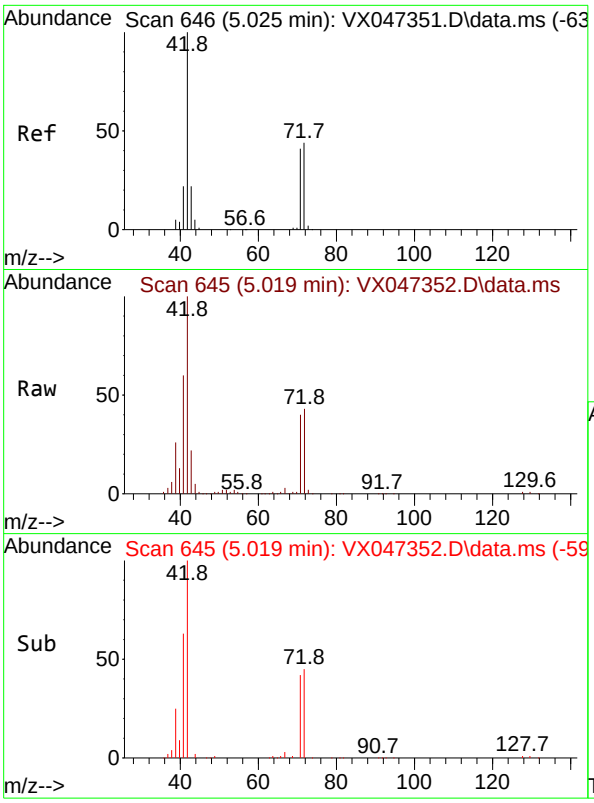


#28
Bromochloromethane
Concen: 110.131 ug/l
RT: 4.910 min Scan# 627
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 49 Resp: 258648

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	75.6	59.8	89.6





#29
Tetrahydrofuran
Concen: 491.640 ug/l
RT: 5.019 min Scan# 64
Delta R.T. -0.006 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 42 Resp: 505709

Ion	Ratio	Lower	Upper
42	100		
72	45.0	34.6	51.8
71	41.7	32.6	49.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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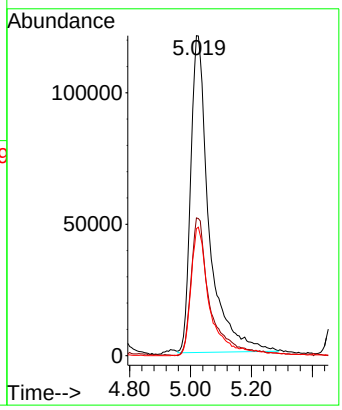
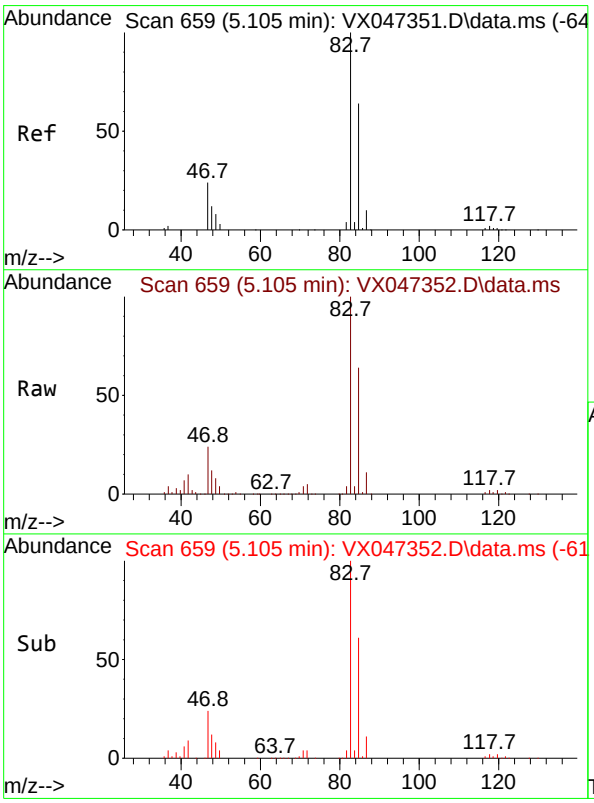
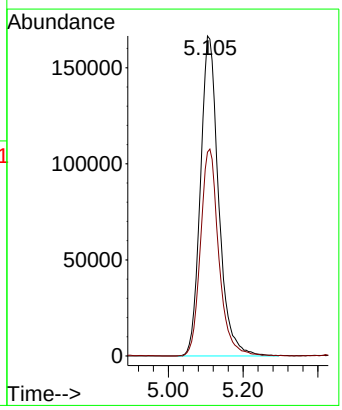


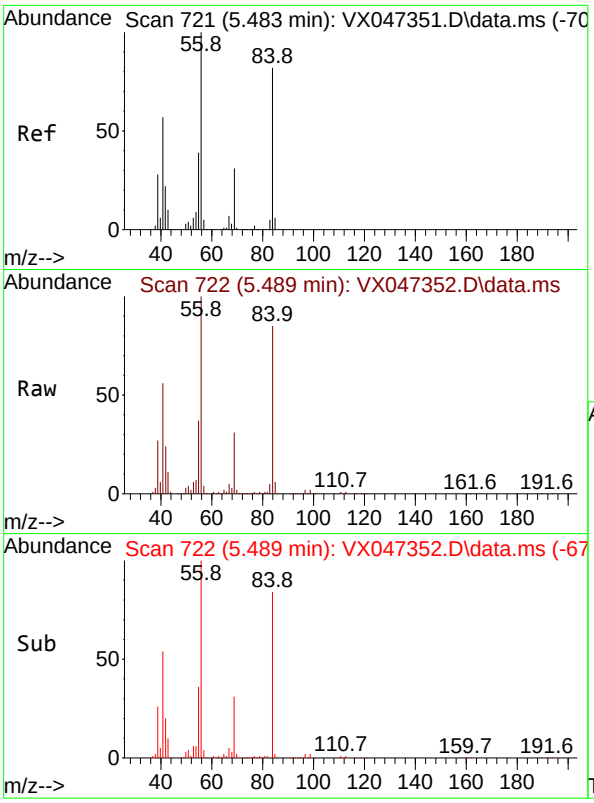


#30
Chloroform
Concen: 97.394 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 83 Resp: 560984

Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.2	76.8

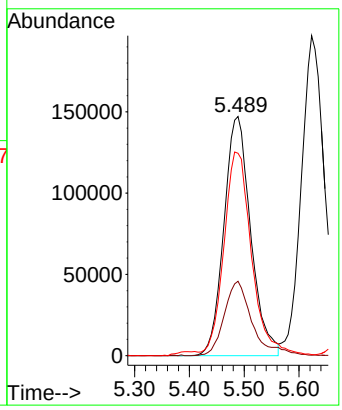




#31
Cyclohexane
Concen: 96.100 ug/l
RT: 5.489 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 56 Resp: 49997

Ion	Ratio	Lower	Upper
56	100		
69	30.8	24.3	36.5
84	83.5	65.3	97.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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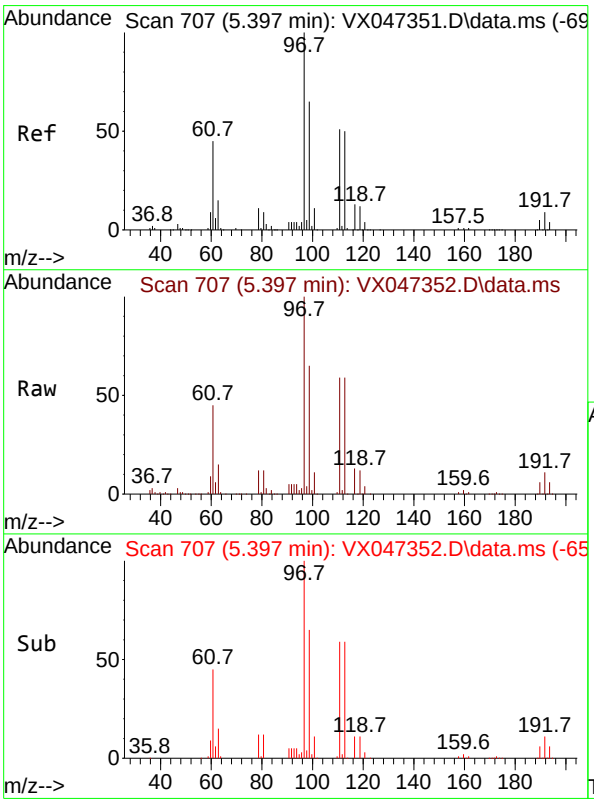
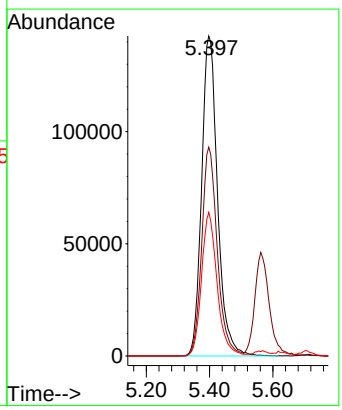
Supervised By :Mahesh Dadoda 08/19/2025

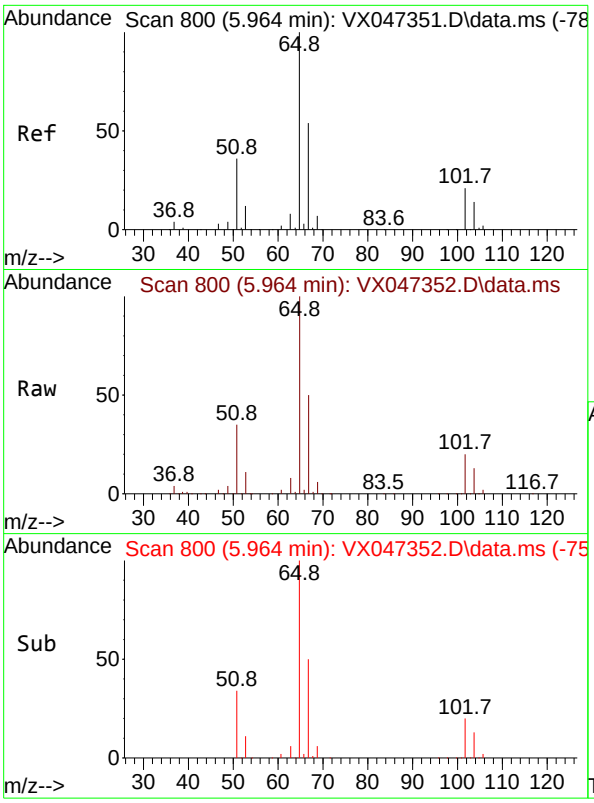


#32
1,1,1-Trichloroethane
Concen: 100.709 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 97 Resp: 499294

Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.4	77.0
61	43.9	35.7	53.5

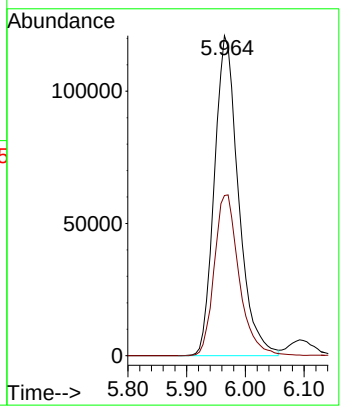




#33
1,2-Dichloroethane-d4
Concen: 106.746 ug/l
RT: 5.964 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 65 Resp: 34508

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	106.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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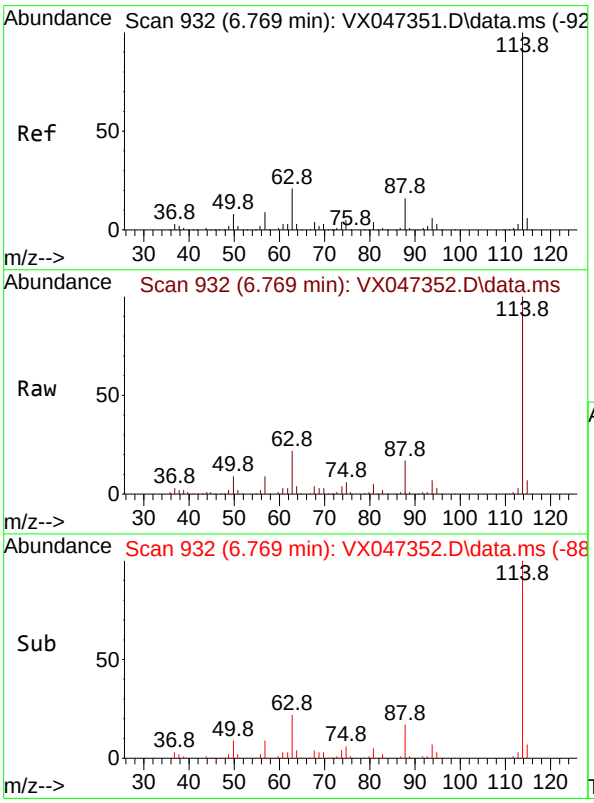
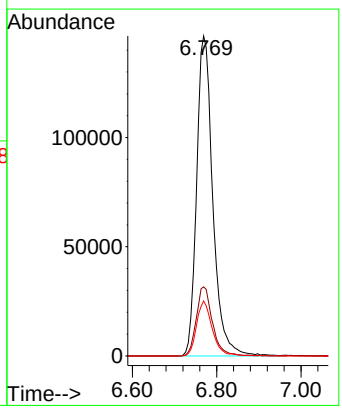
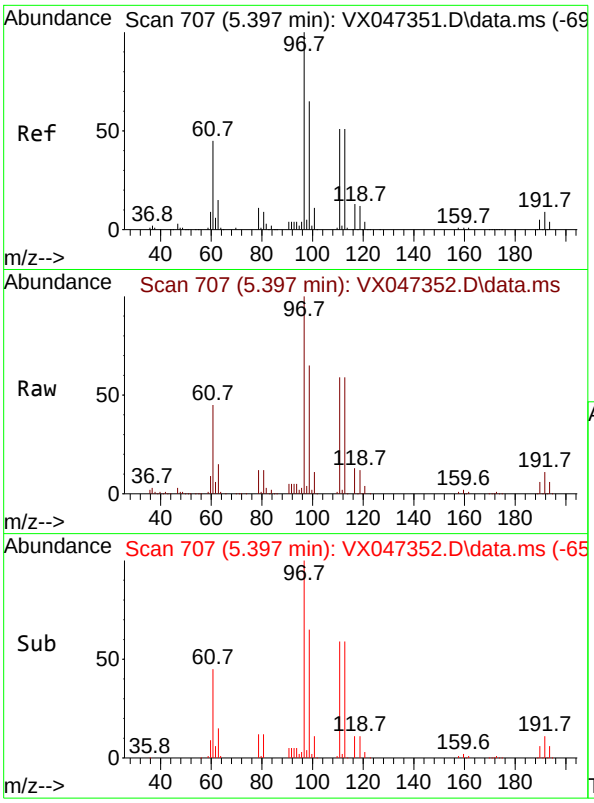


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion:114 Resp: 391443

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	42.4
88	17.2	0.0	33.0

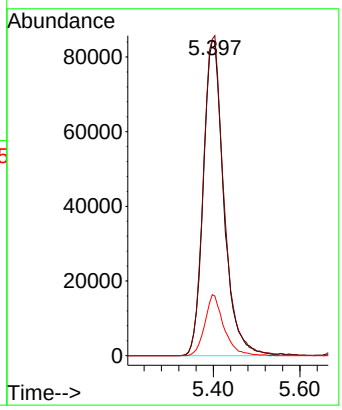




#35
Dibromofluoromethane
Concen: 108.967 ug/l
RT: 5.397 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion:113 Resp: 27683

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.4	122.2
192	18.0	14.1	21.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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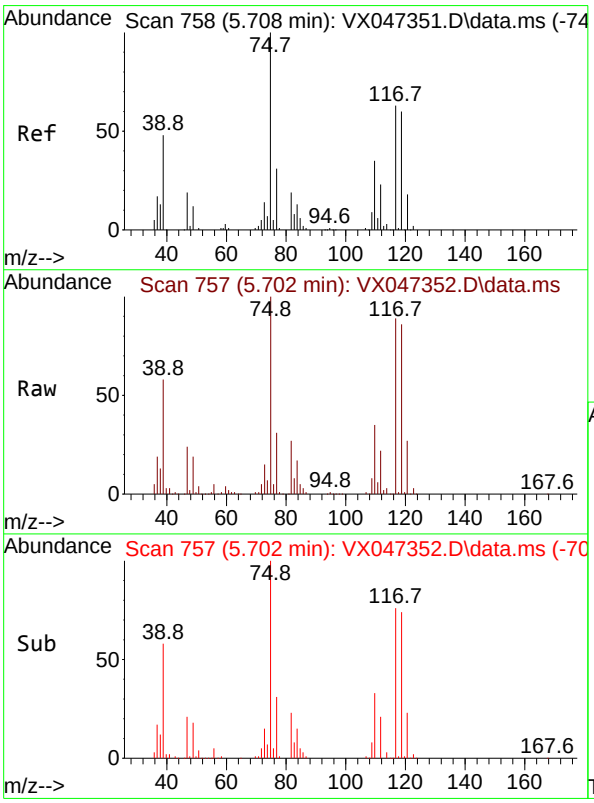
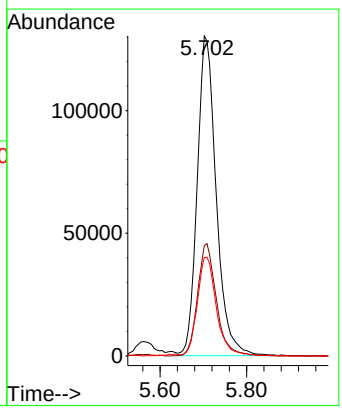
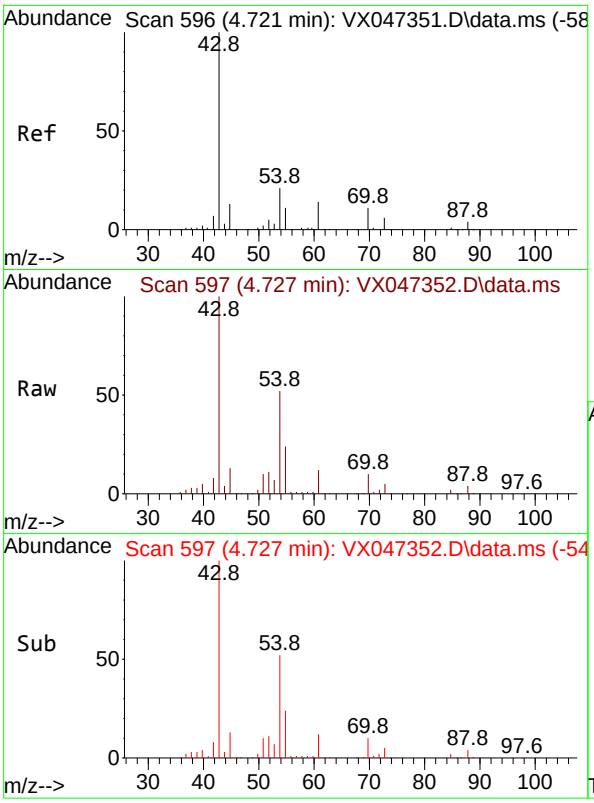


#36
1,1-Dichloropropene
Concen: 99.278 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.006 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 75 Resp: 398144

Ion	Ratio	Lower	Upper
75	100		
110	34.7	17.4	52.2
77	30.8	24.4	36.6

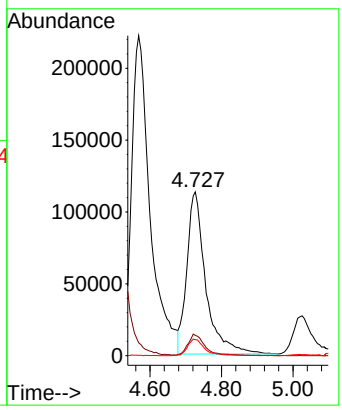




#37
Ethyl Acetate
Concen: 99.265 ug/l
RT: 4.727 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 43 Resp: 41327

Ion	Ratio	Lower	Upper
43	100		
61	11.5	9.4	14.2
70	9.2	7.0	10.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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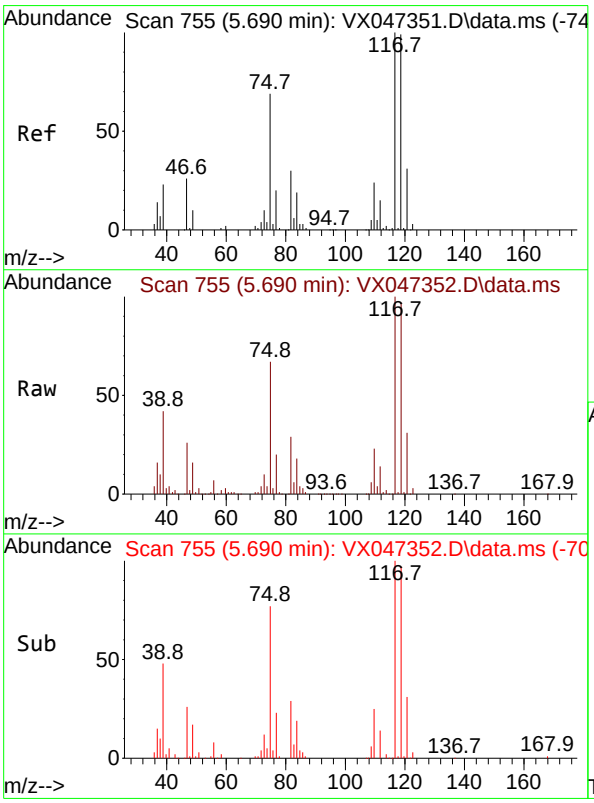
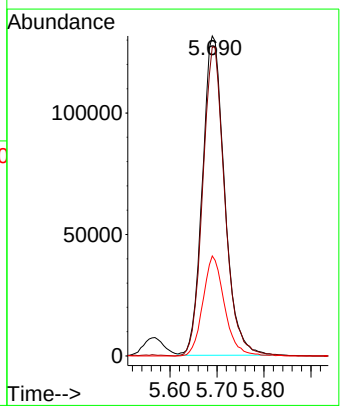
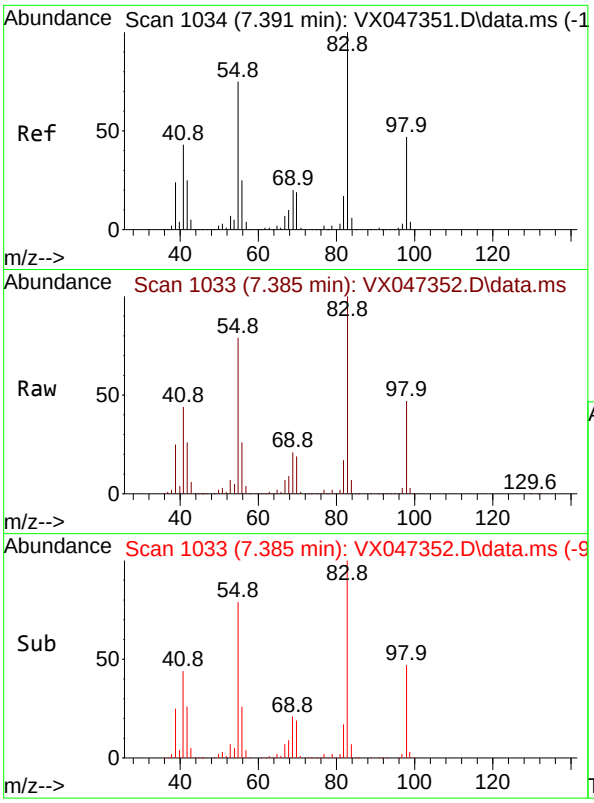


#38
Carbon Tetrachloride
Concen: 98.132 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion:117 Resp: 430061

Ion	Ratio	Lower	Upper
117	100		
119	96.7	78.5	117.7
121	31.3	24.7	37.1





#39
Methylcyclohexane
Concen: 100.134 ug/l
RT: 7.385 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 83 Resp: 50090

Ion	Ratio	Lower	Upper
83	100		
55	79.4	60.0	90.0
98	46.7	37.2	55.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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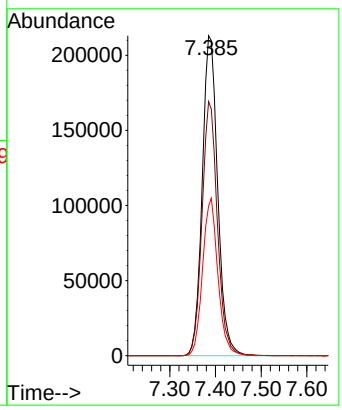
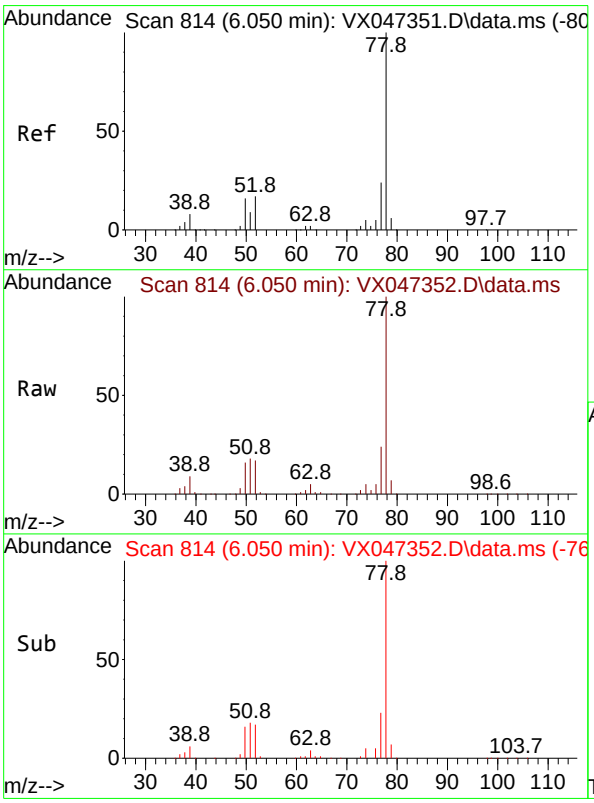
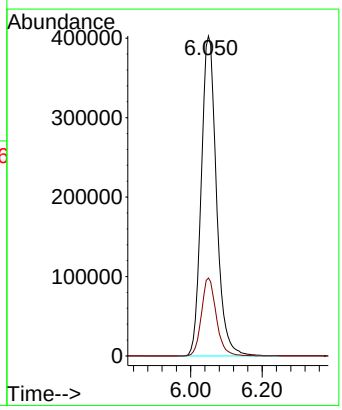


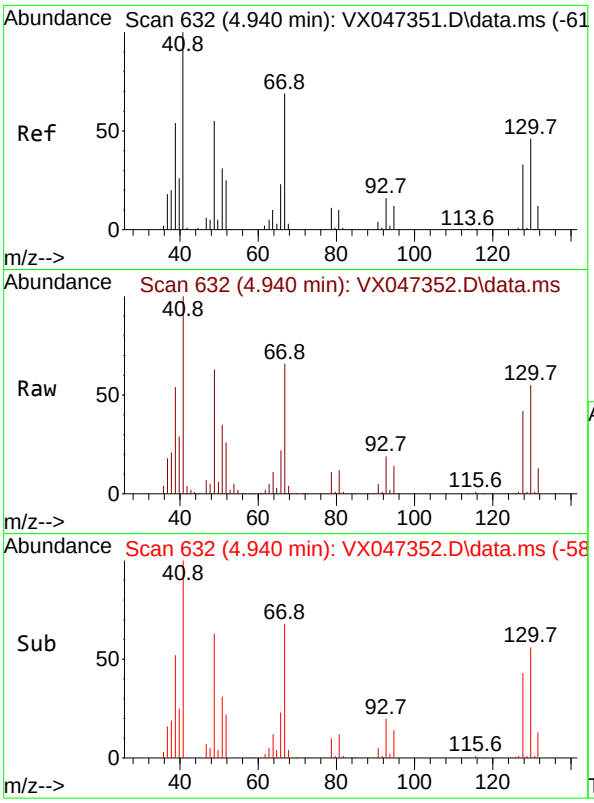


#40
Benzene
Concen: 98.866 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 78 Resp: 1186760

Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.0	28.4

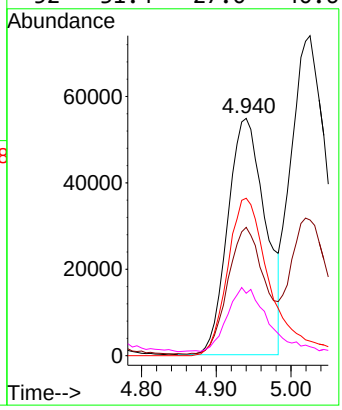




#41
Methacrylonitrile
Concen: 109.177 ug/l
RT: 4.940 min Scan# 6
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 41 Resp: 19167

Ion	Ratio	Lower	Upper
41	100		
39	53.0	45.4	68.2
67	75.5	64.0	96.0
52	31.4	27.0	40.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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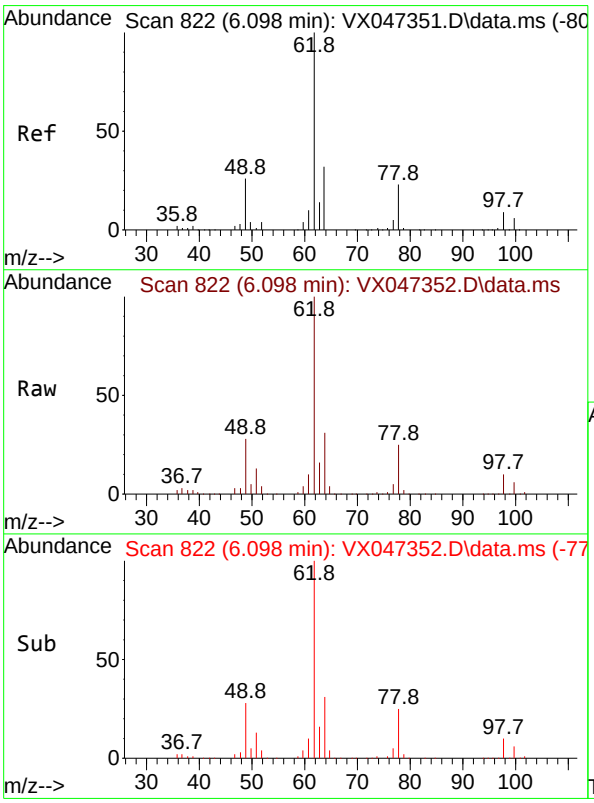
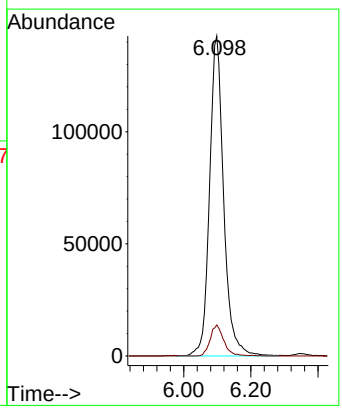
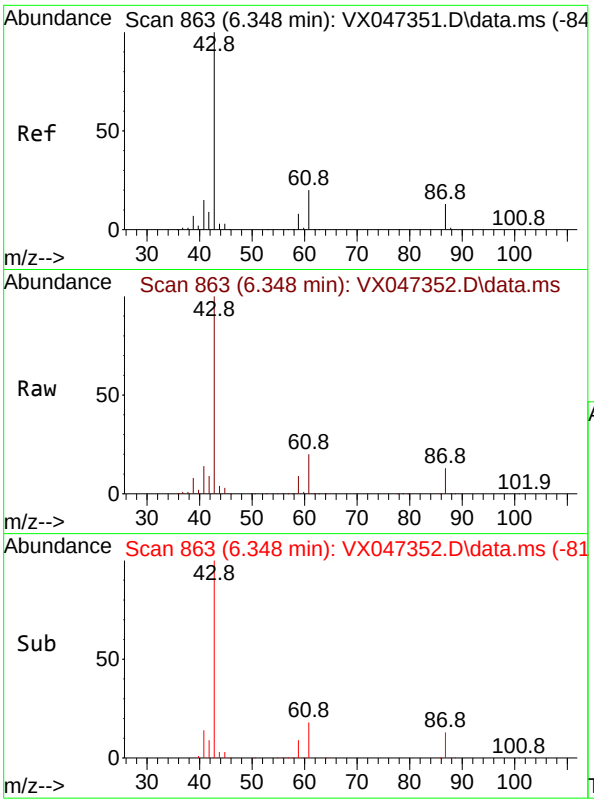


#42
1,2-Dichloroethane
Concen: 97.940 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 62 Resp: 416430

Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.0

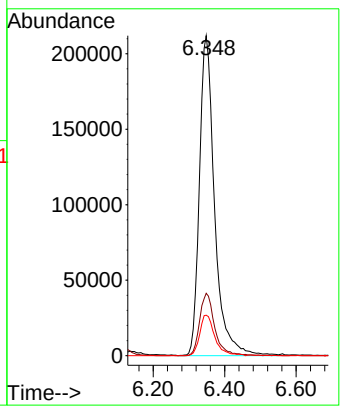




#43
Isopropyl Acetate
Concen: 104.400 ug/l
RT: 6.348 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 43 Resp: 62442

Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.4	23.0
87	12.6	10.2	15.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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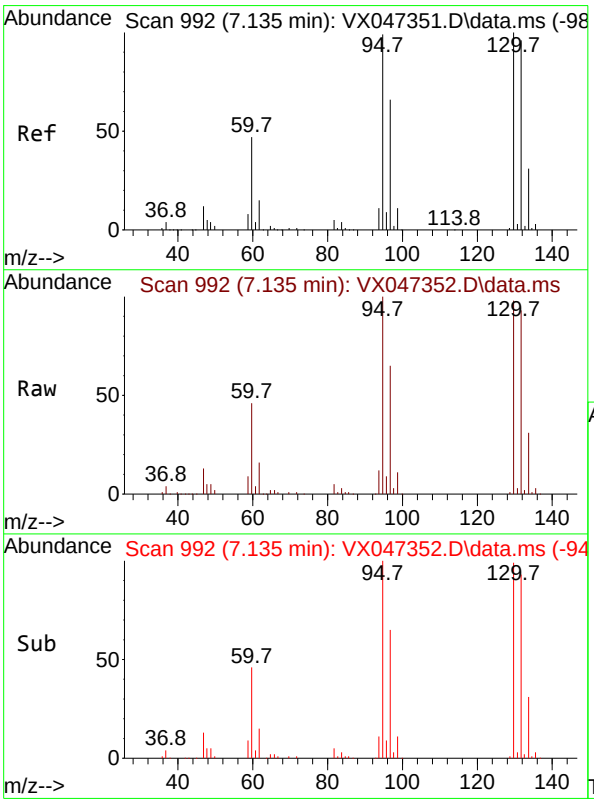
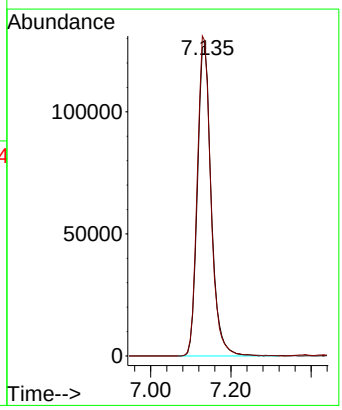
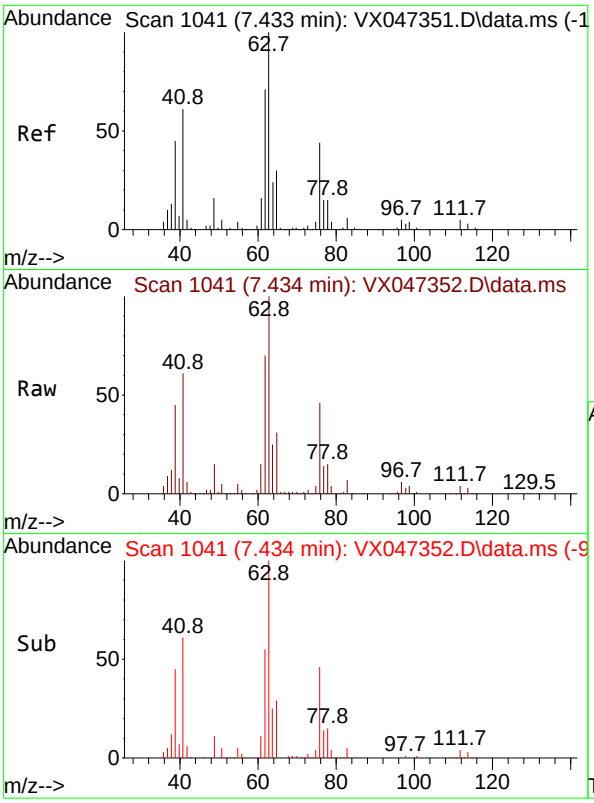


#44
Trichloroethene
Concen: 99.224 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion:130 Resp: 304976

Ion	Ratio	Lower	Upper
130	100		
95	101.6	0.0	198.6





#45
1,2-Dichloropropane
Concen: 99.300 ug/l
RT: 7.434 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 63 Resp: 29861

Ion	Ratio	Lower	Upper
63	100		
65	31.1	23.8	35.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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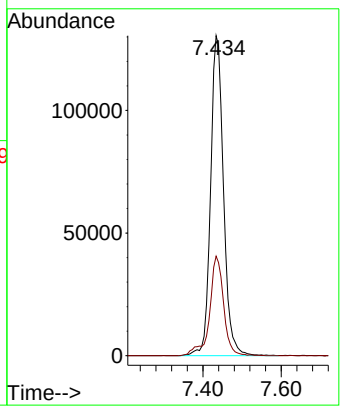
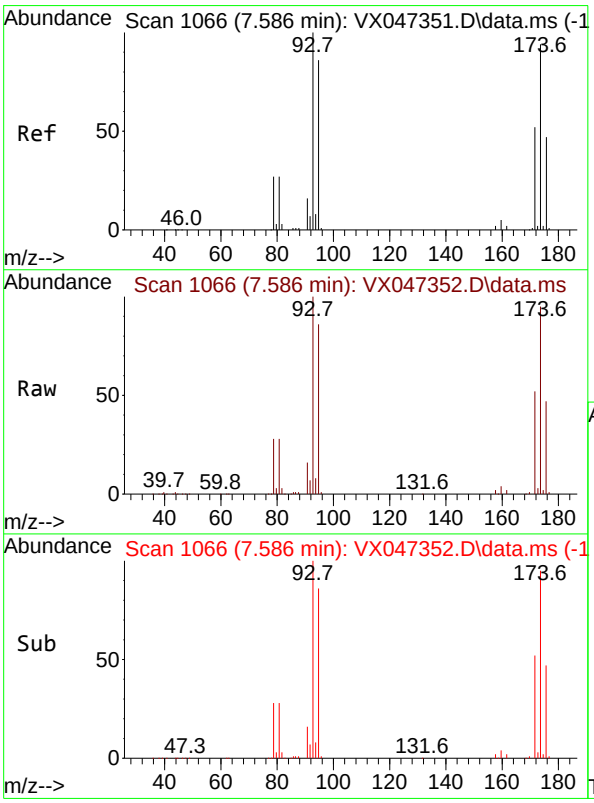
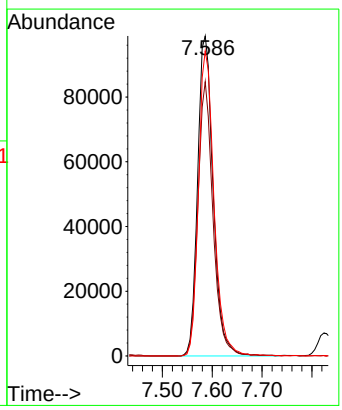


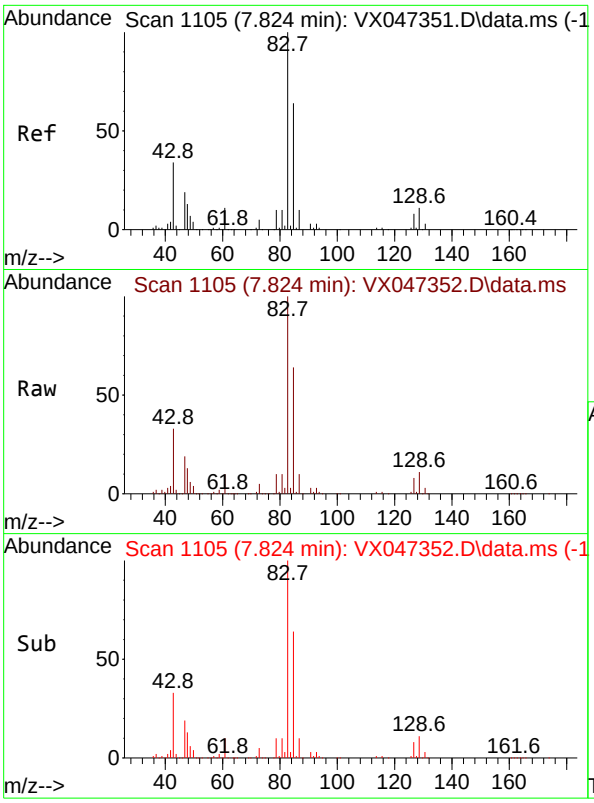


#46
Dibromomethane
Concen: 98.052 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 93 Resp: 214069

Ion	Ratio	Lower	Upper
93	100		
95	83.3	68.0	102.0
174	95.0	75.8	113.6

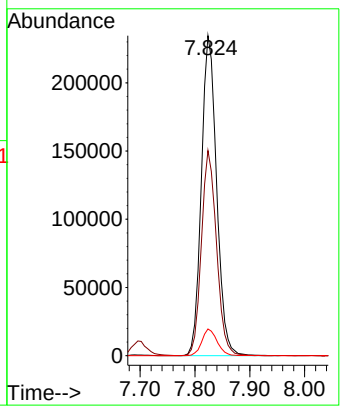




#47
Bromodichloromethane
Concen: 99.995 ug/l
RT: 7.824 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 83 Resp: 45257

Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.0	76.6
127	8.3	7.0	10.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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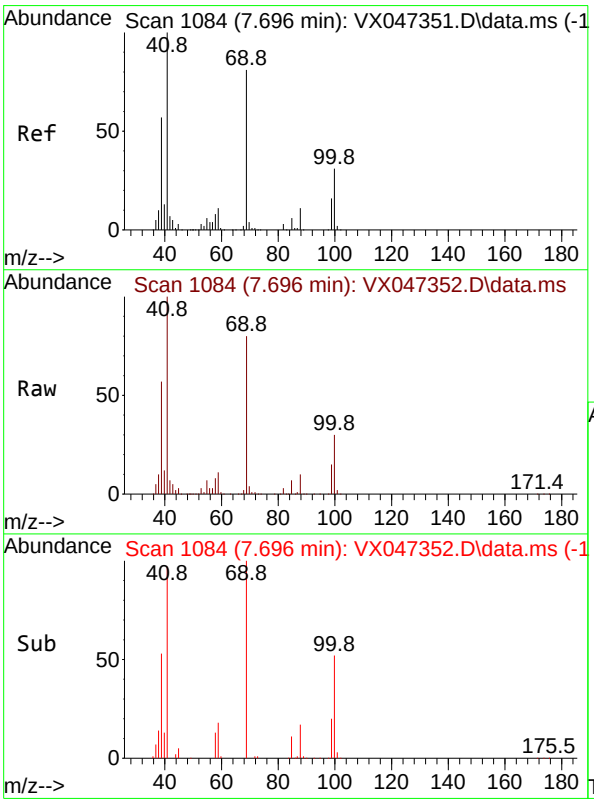
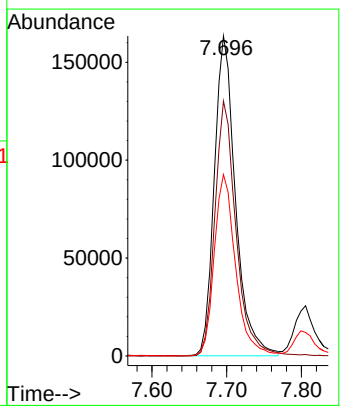
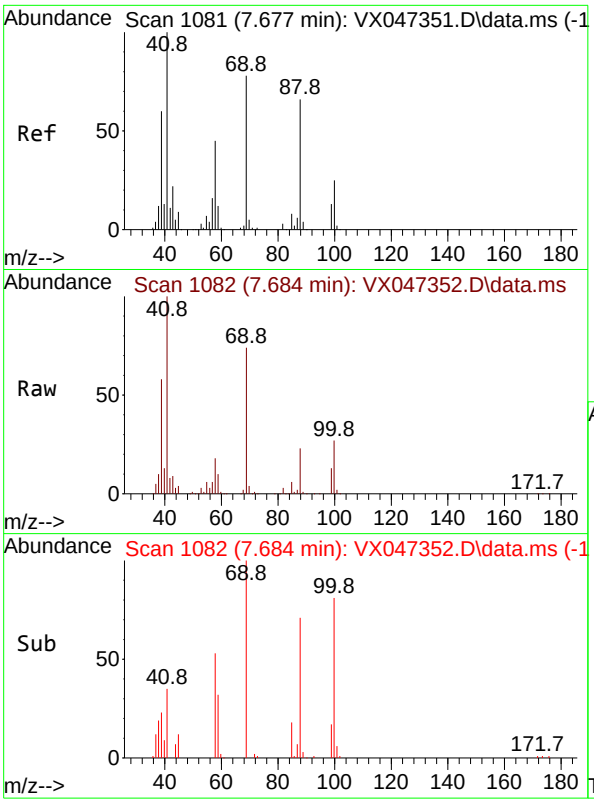


#48
Methyl methacrylate
Concen: 103.875 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 41 Resp: 322487

Ion	Ratio	Lower	Upper
41	100		
69	79.6	65.0	97.4
39	57.1	45.7	68.5





#49
1,4-Dioxane
Concen: 2073.830 ug/l
RT: 7.684 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 88 Resp: 6114

Ion	Ratio	Lower	Upper
88	100		
43	40.9	32.4	48.6
58	74.8	56.9	85.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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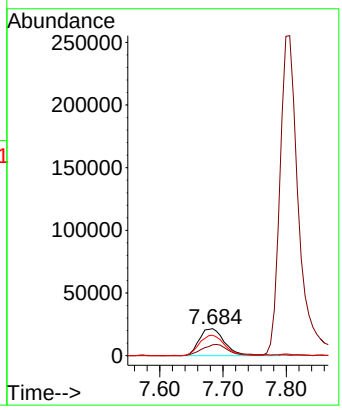
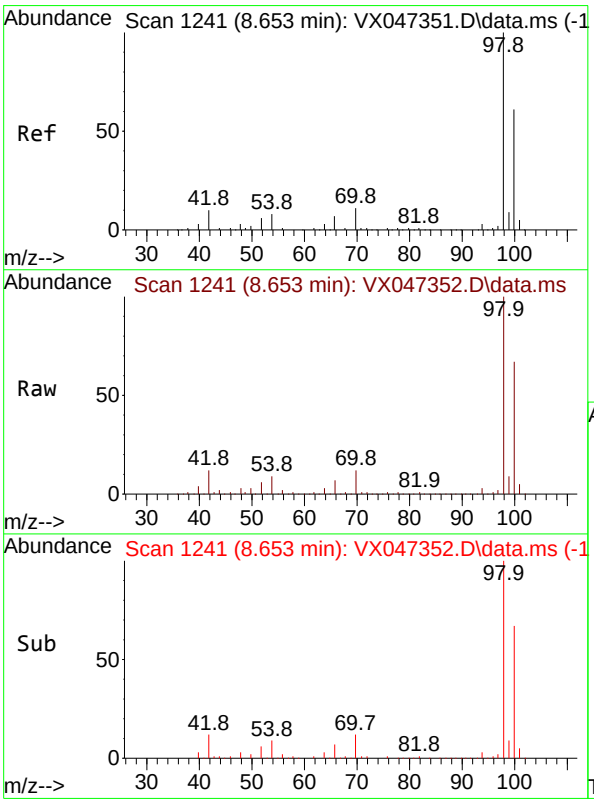
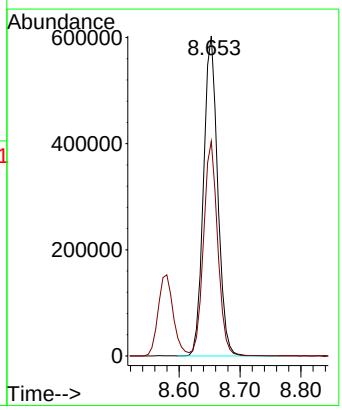


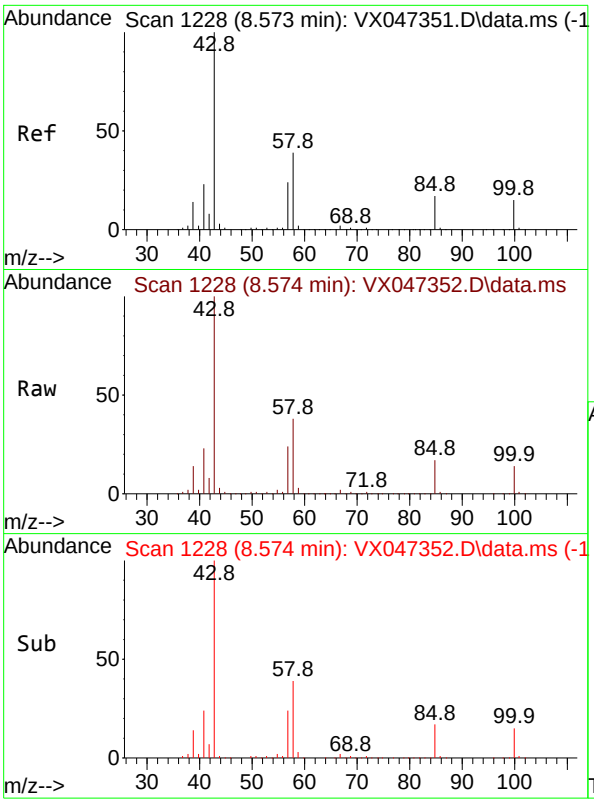


#50
Toluene-d8
Concen: 107.419 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 98 Resp: 975414

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.9	80.9





#51
4-Methyl-2-Pentanone
Concen: 513.097 ug/l
RT: 8.574 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 43 Resp: 176600

Ion	Ratio	Lower	Upper
43	100		
58	38.2	31.2	46.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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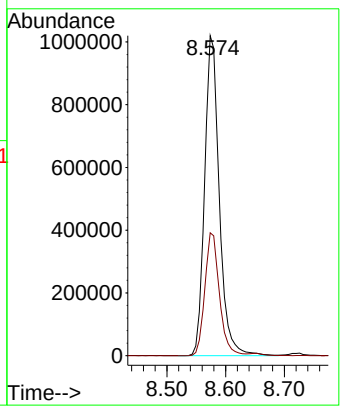
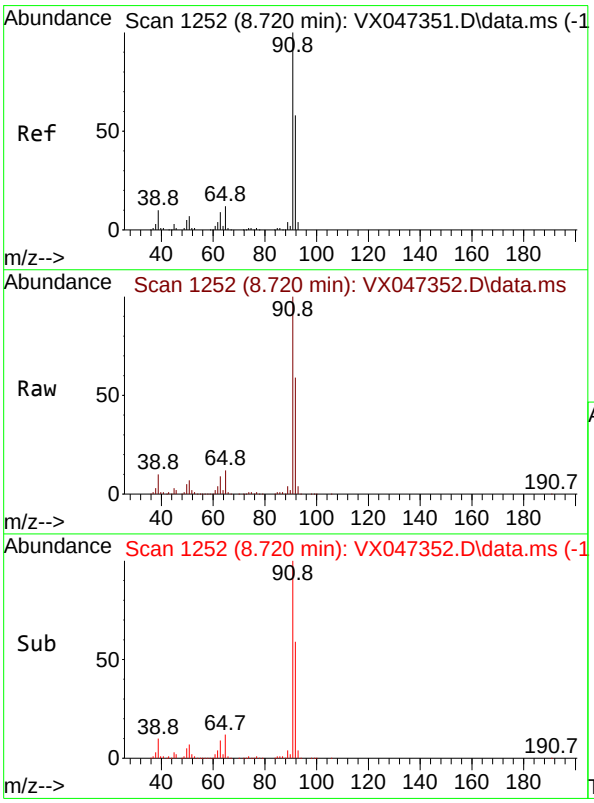
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

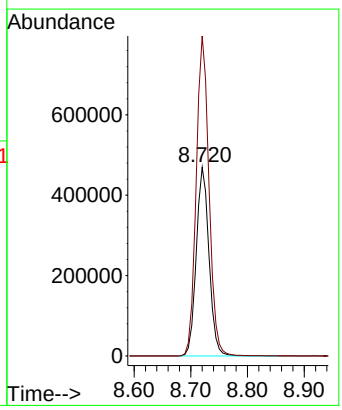


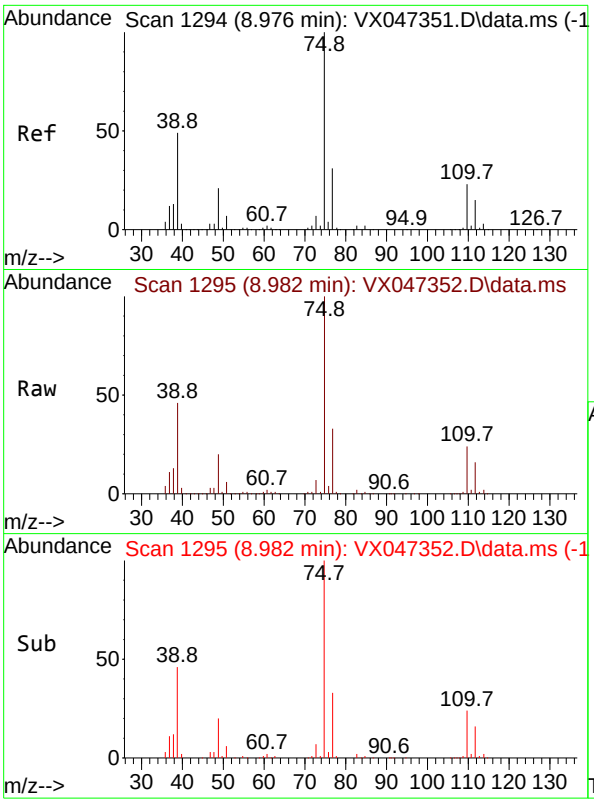


#52
Toluene
Concen: 98.837 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 92 Resp: 733119

Ion	Ratio	Lower	Upper
92	100		
91	170.1	136.3	204.5

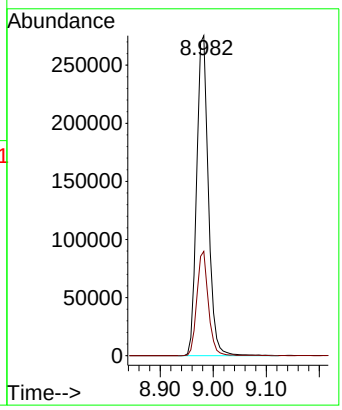




#53
t-1,3-Dichloropropene
Concen: 107.156 ug/l
RT: 8.982 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 75 Resp: 42327

Ion	Ratio	Lower	Upper
75	100		
77	32.6	24.7	37.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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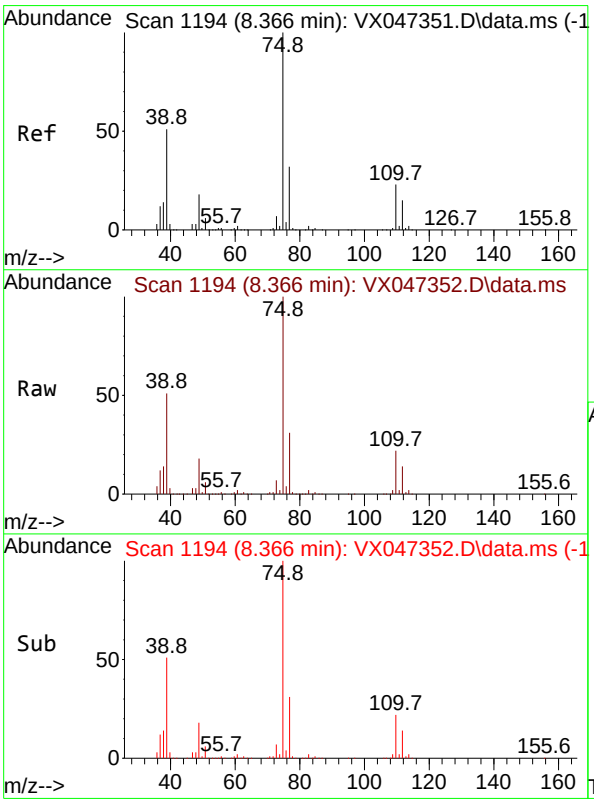
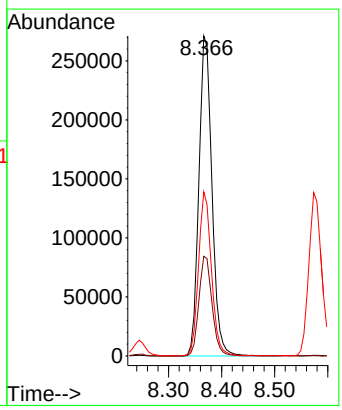
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

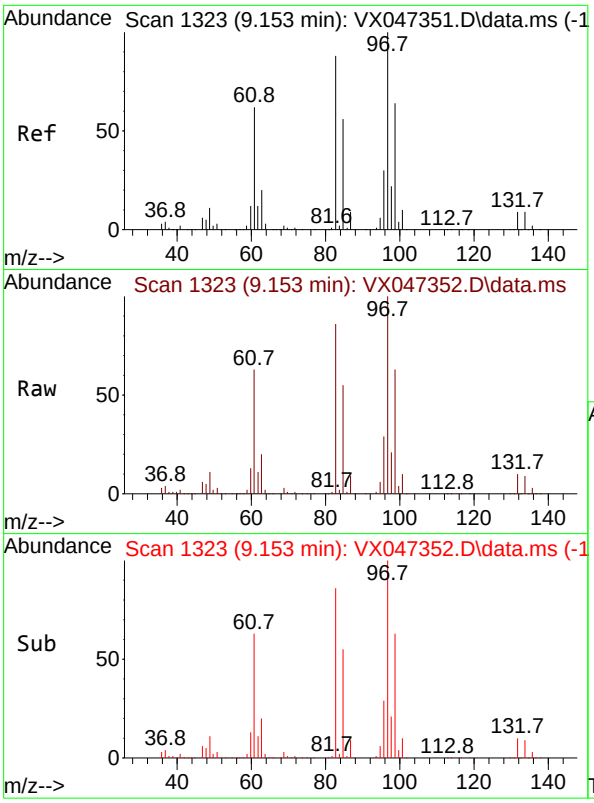


#54
cis-1,3-Dichloropropene
Concen: 103.698 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 75 Resp: 463640

Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.6	38.4
39	51.2	40.9	61.3

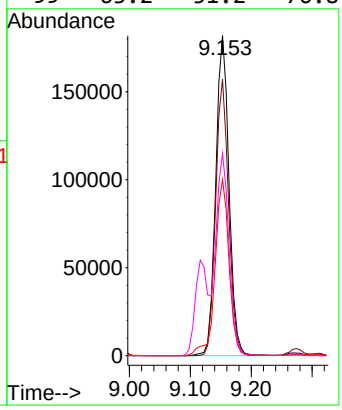




#55
1,1,2-Trichloroethane
Concen: 97.863 ug/l
RT: 9.153 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 97 Resp: 27560

Ion	Ratio	Lower	Upper
97	100		
83	86.3	70.6	106.0
85	55.0	44.7	67.1
99	63.2	51.2	76.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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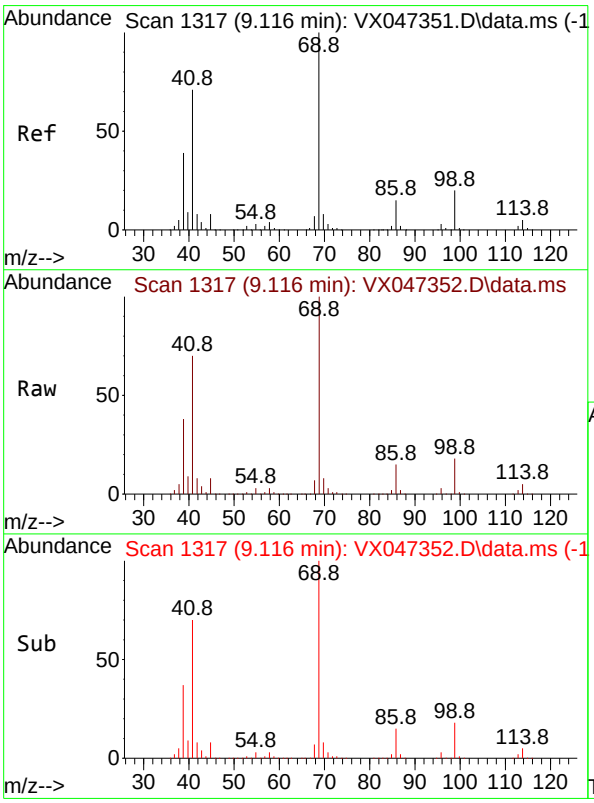
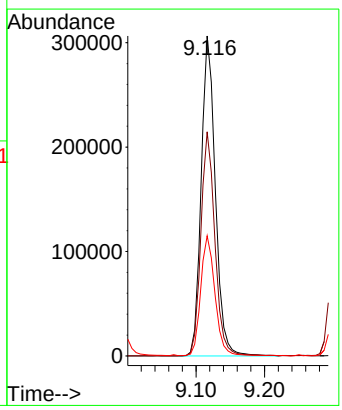
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

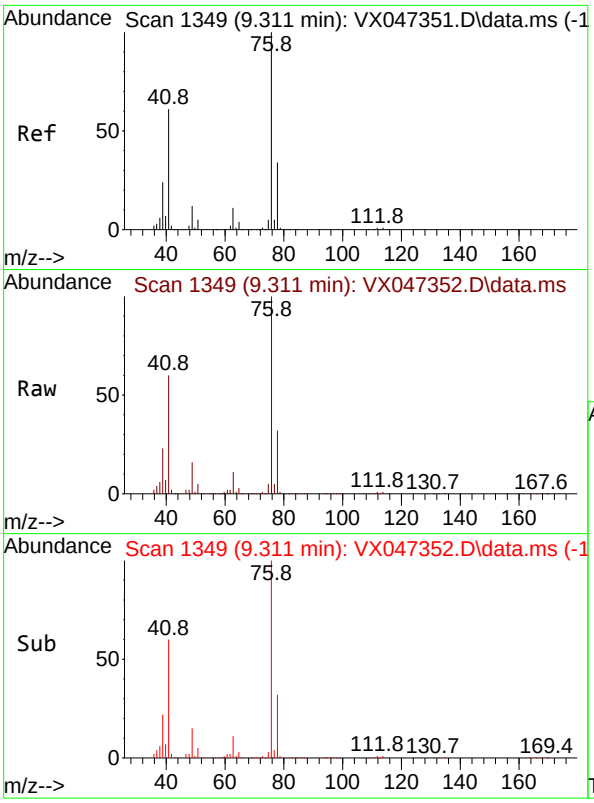


#56
Ethyl methacrylate
Concen: 106.154 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 69 Resp: 440765

Ion	Ratio	Lower	Upper
69	100		
41	69.4	55.3	82.9
39	37.6	30.2	45.2

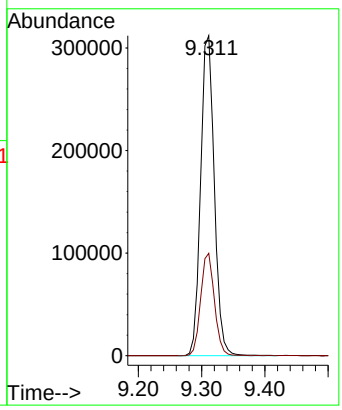




#57
1,3-Dichloropropane
Concen: 97.899 ug/l
RT: 9.311 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 76 Resp: 46980

Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.2	39.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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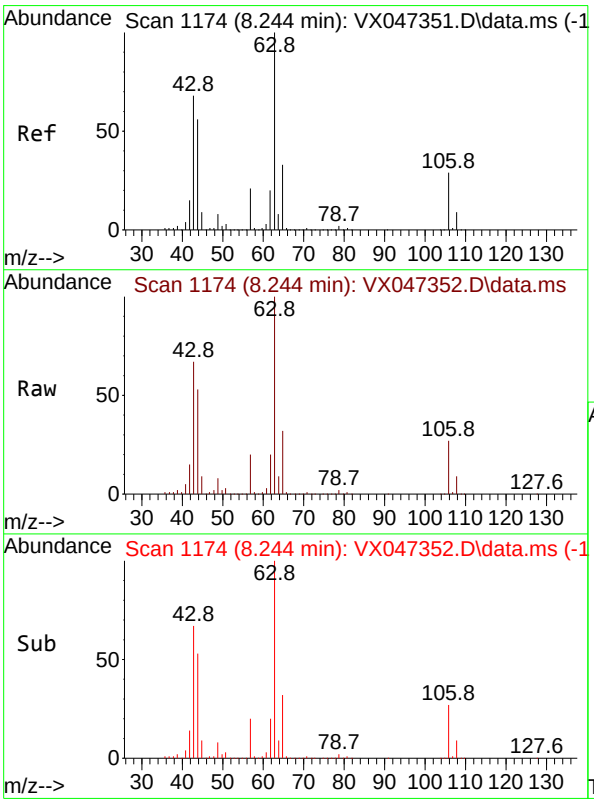
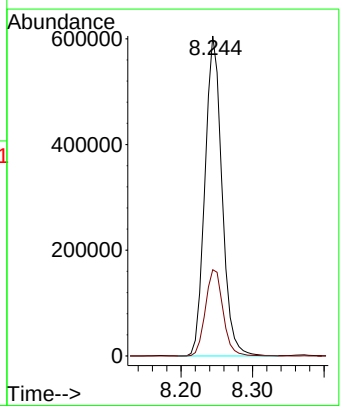
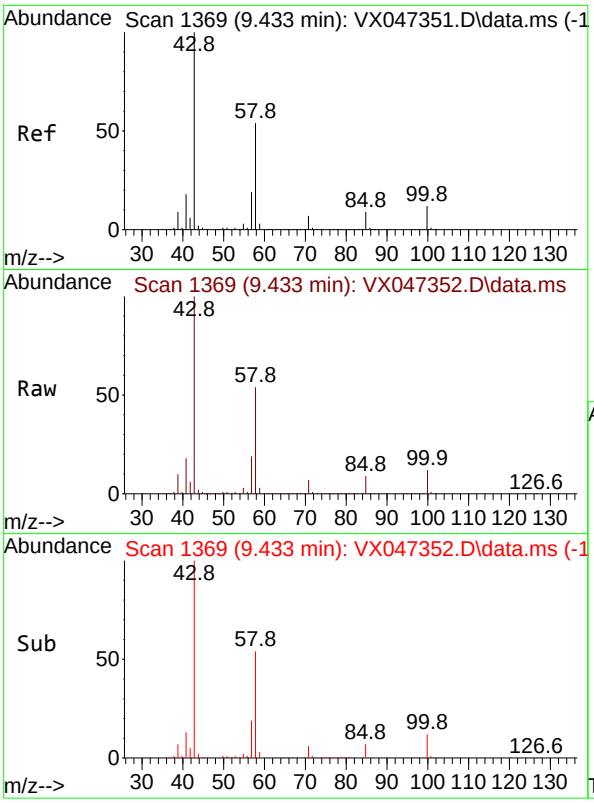


#58
2-Chloroethyl Vinyl ether
Concen: 496.016 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 63 Resp: 1000312

Ion	Ratio	Lower	Upper
63	100		
106	27.9	22.8	34.2

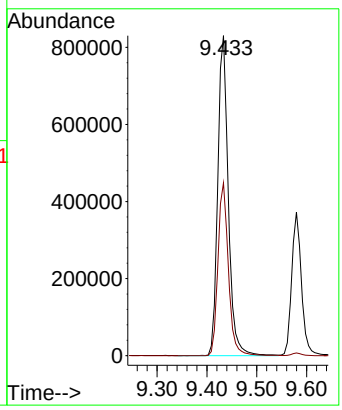




#59
2-Hexanone
Concen: 510.384 ug/l
RT: 9.433 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 43 Resp: 121512

Ion	Ratio	Lower	Upper
43	100		
58	53.7	26.9	80.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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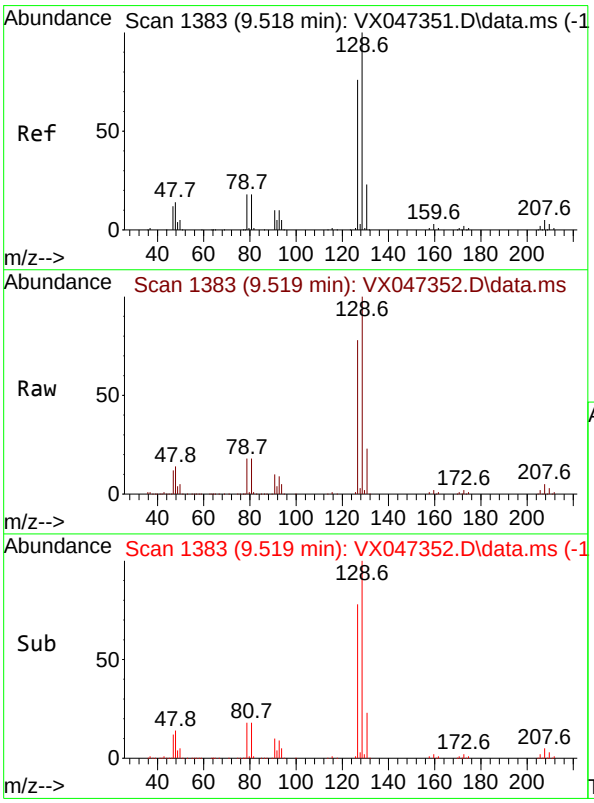
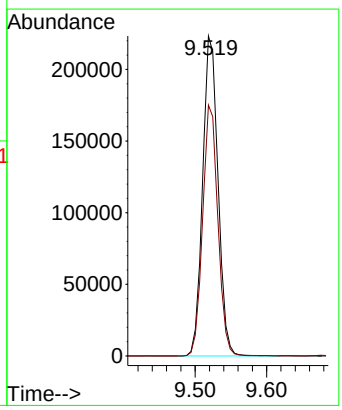
Supervised By :Mahesh Dadoda 08/19/2025

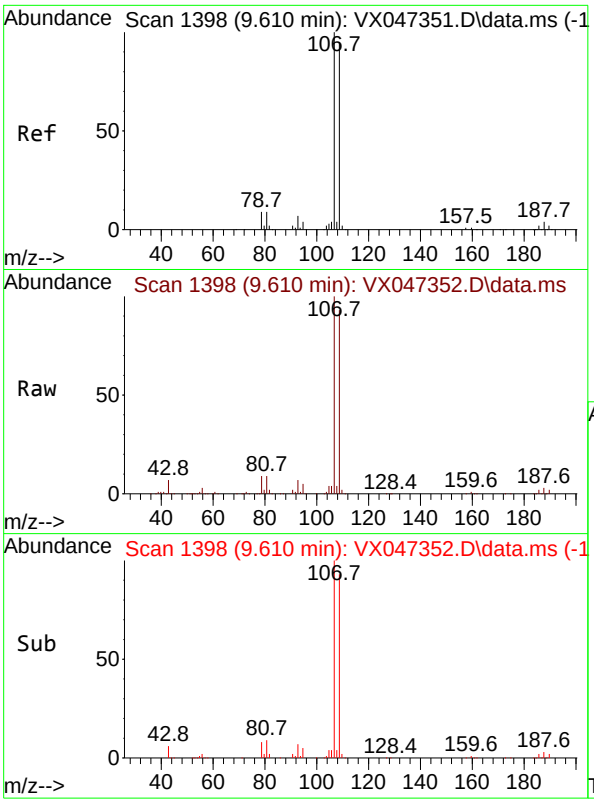


#60
Dibromochloromethane
Concen: 99.621 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion:129 Resp: 333420

Ion	Ratio	Lower	Upper
129	100		
127	77.7	38.9	116.6





#61
1,2-Dibromoethane
Concen: 98.420 ug/l
RT: 9.610 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion:107 Resp: 28582

Ion	Ratio	Lower	Upper
107	100		
109	93.7	76.2	114.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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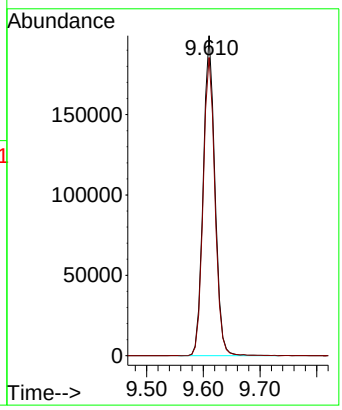
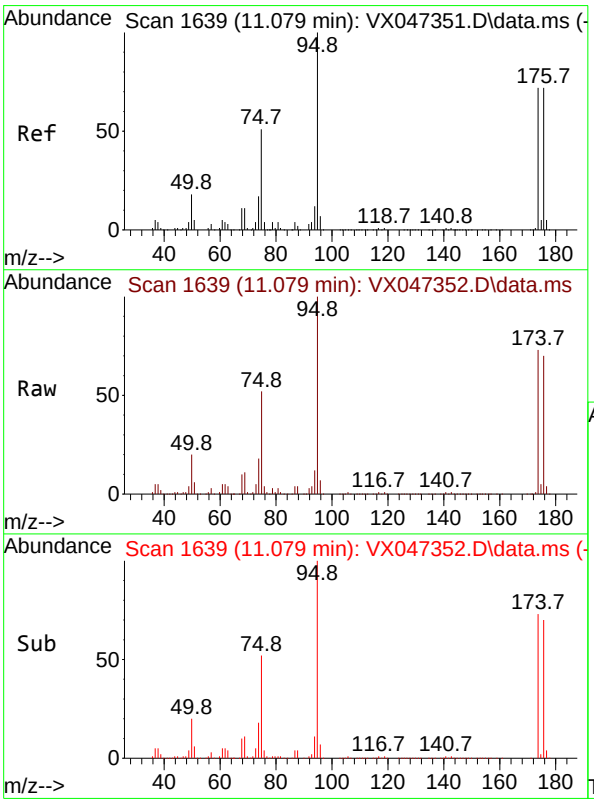
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

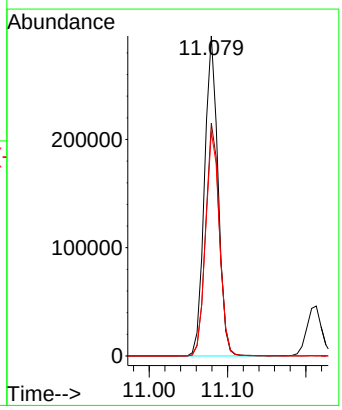


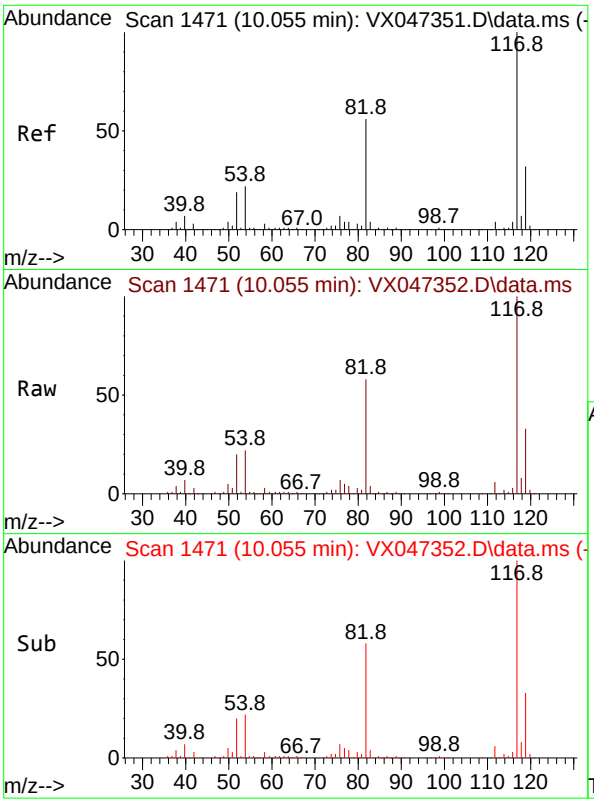


#62
4-Bromofluorobenzene
Concen: 105.546 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 95 Resp: 353668

Ion	Ratio	Lower	Upper
95	100		
174	73.7	0.0	148.0
176	71.9	0.0	145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

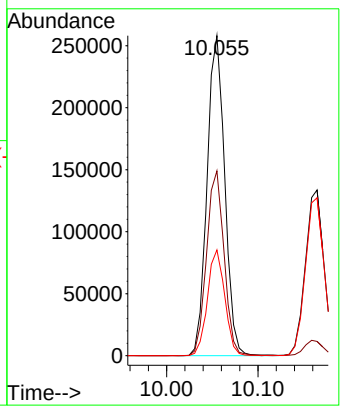
Tgt Ion:117 Resp: 34549

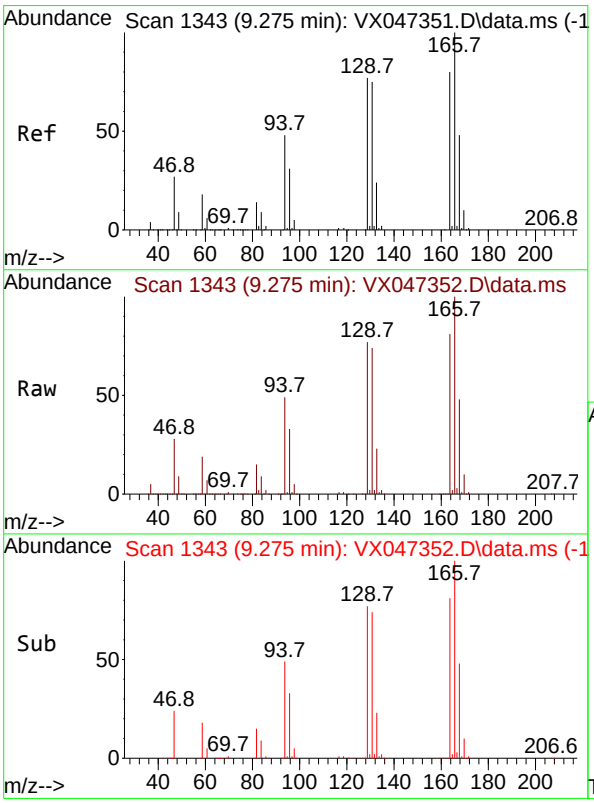
Ion	Ratio	Lower	Upper
117	100		
82	57.7	45.0	67.4
119	33.1	25.8	38.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

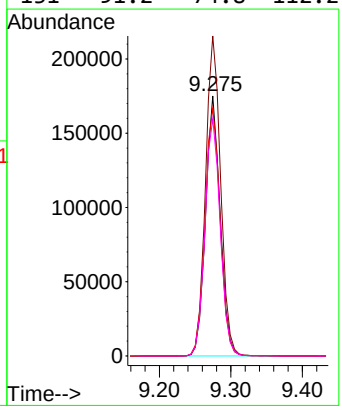


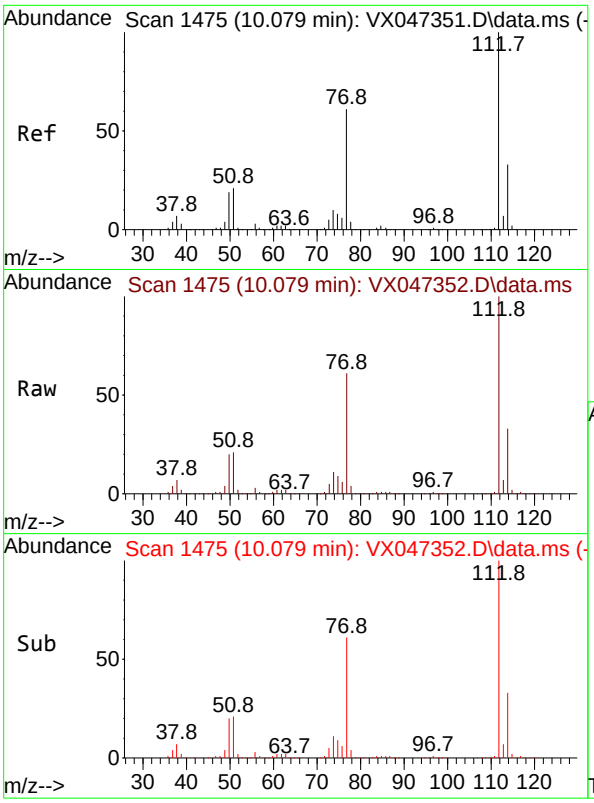


#64
Tetrachloroethene
Concen: 99.506 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion:164 Resp: 248666

Ion	Ratio	Lower	Upper
164	100		
166	123.1	100.3	150.5
129	95.2	77.7	116.5
131	91.2	74.8	112.2





#65
Chlorobenzene
Concen: 97.887 ug/l
RT: 10.079 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion:112 Resp: 80367

Ion	Ratio	Lower	Upper
112	100		
114	32.6	26.4	39.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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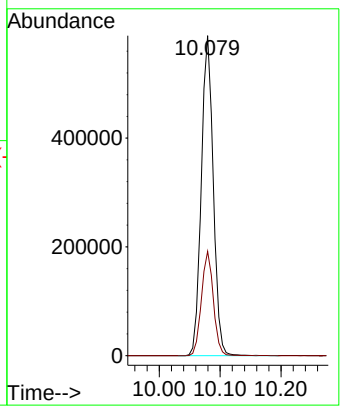
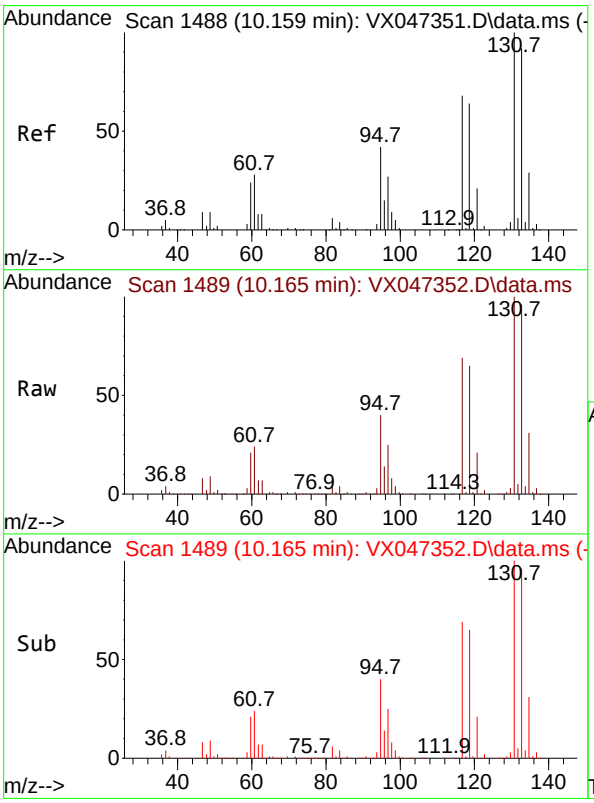
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

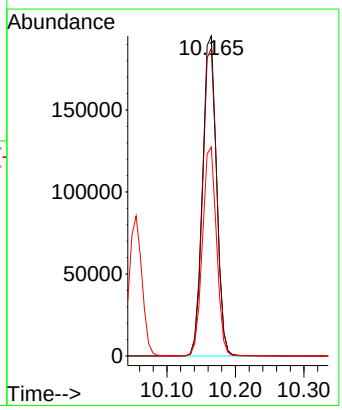


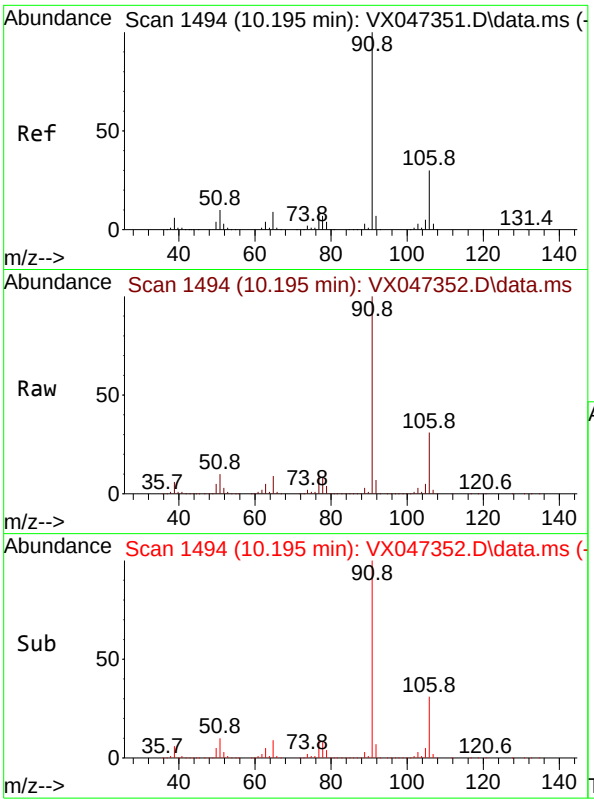


#66
1,1,1,2-Tetrachloroethane
Concen: 100.380 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion:131 Resp: 278595

Ion	Ratio	Lower	Upper
131	100		
133	96.4	47.6	142.9
119	65.3	32.3	96.8





#67
Ethyl Benzene
Concen: 100.832 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 91 Resp: 142486

Ion	Ratio	Lower	Upper
91	100		
106	30.9	24.4	36.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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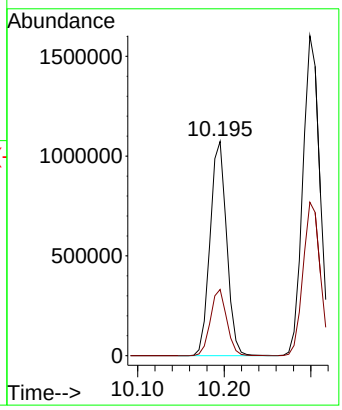
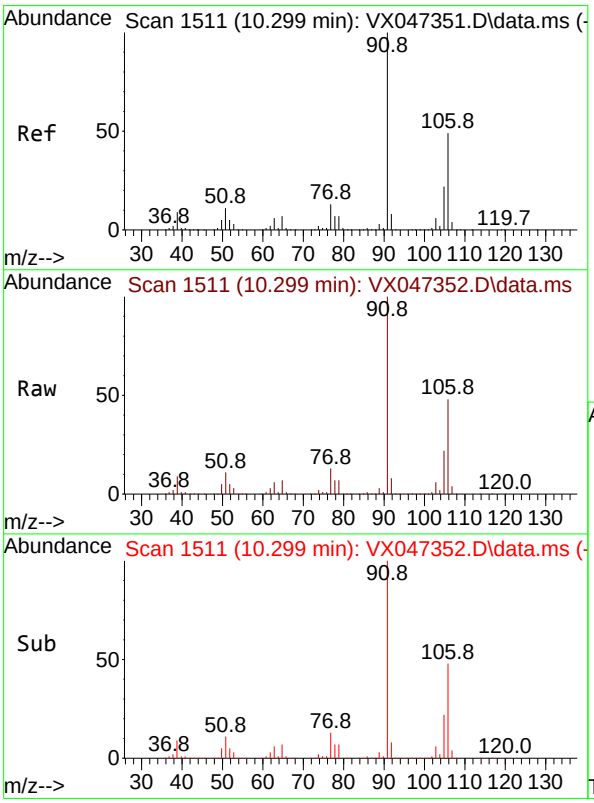
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

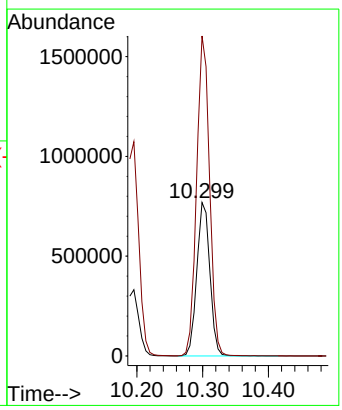


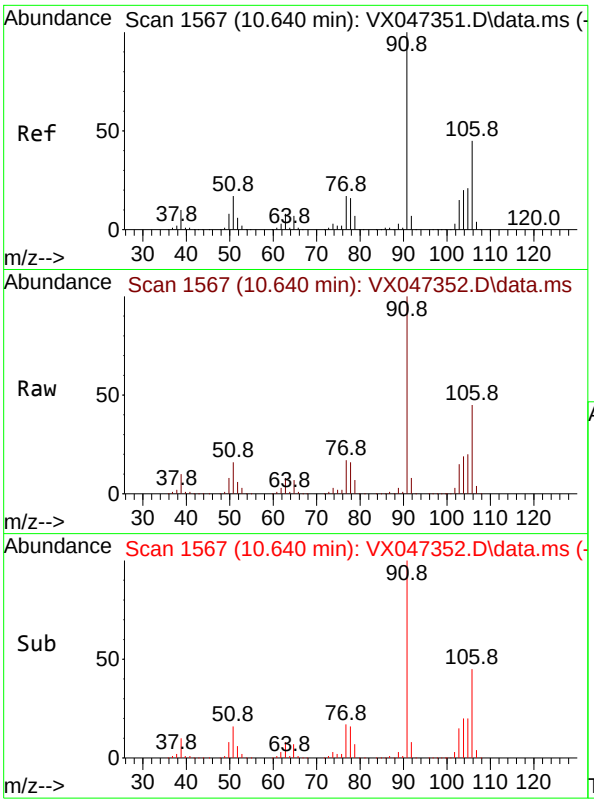


#68
m/p-Xylenes
Concen: 200.518 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion:106 Resp: 1056553

Ion	Ratio	Lower	Upper
106	100		
91	207.5	164.7	247.1





#69
o-Xylene
Concen: 100.188 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion:106 Resp: 50802

Ion	Ratio	Lower	Upper
106	100		
91	222.6	110.6	331.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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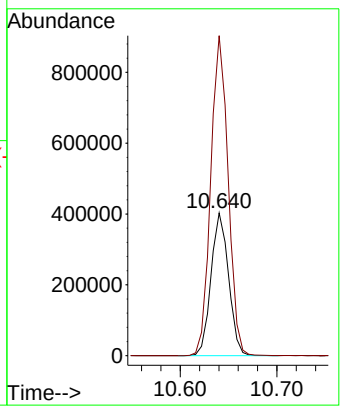
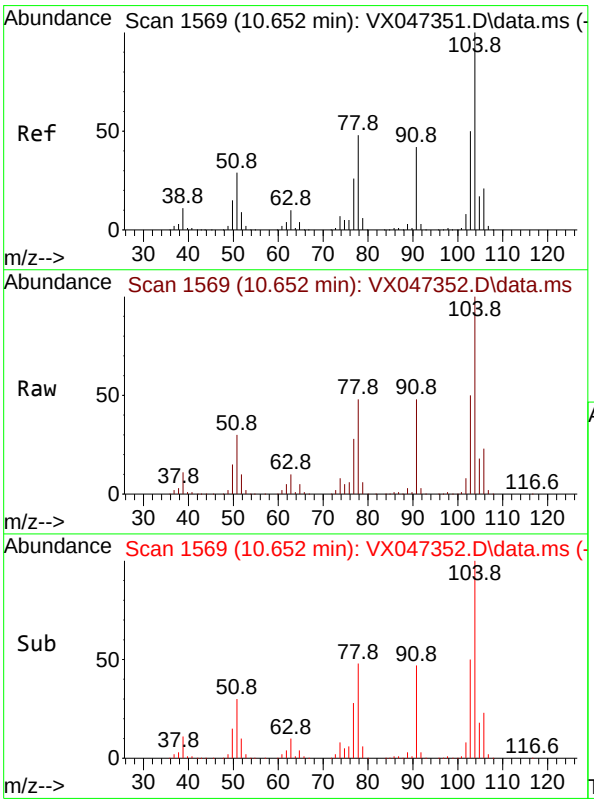
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

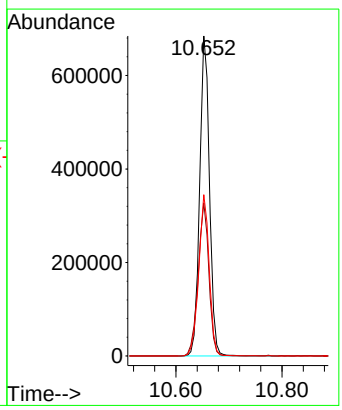


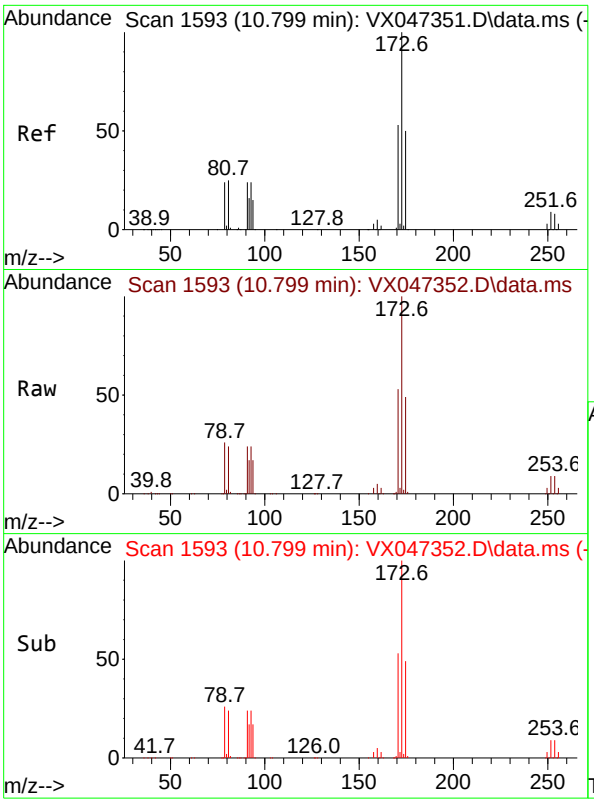


#70
Styrene
Concen: 102.509 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion:104 Resp: 878271

Ion	Ratio	Lower	Upper
104	100		
78	52.5	41.8	62.8
103	54.2	43.6	65.4

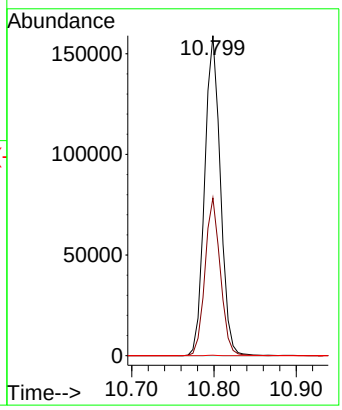




#71
Bromoform
Concen: 101.376 ug/l
RT: 10.799 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion:173 Resp: 21137

Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.4	73.4
254	0.1	0.1	0.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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Reviewed By :John Carlone 08/18/2025
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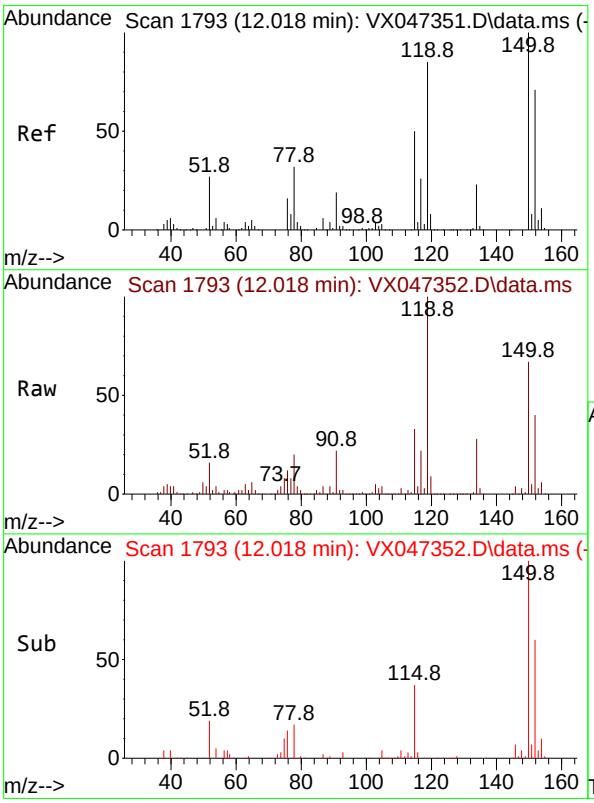
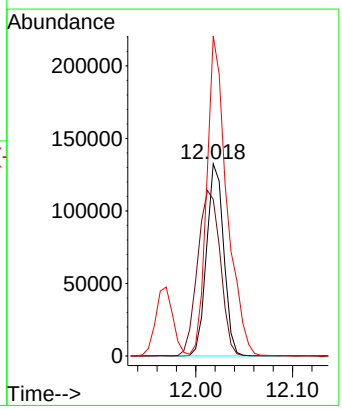
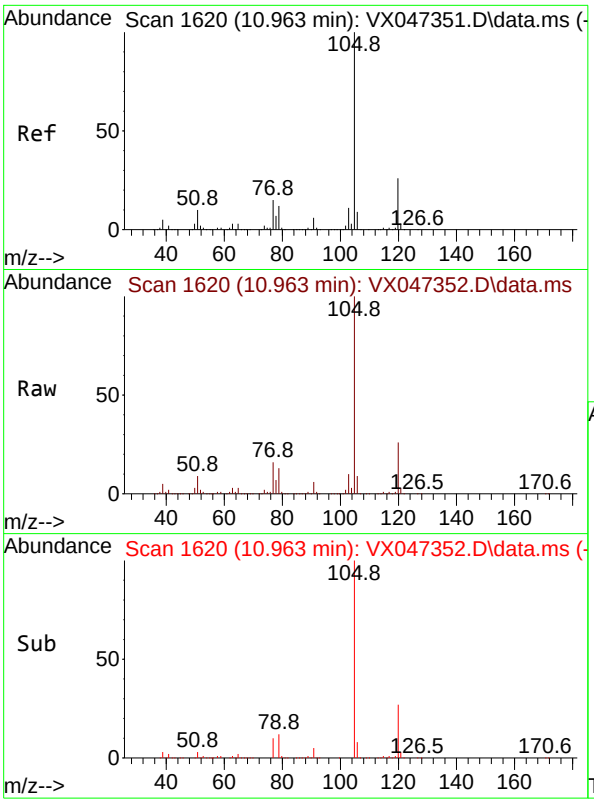


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion:152 Resp: 163776

Ion	Ratio	Lower	Upper
152	100		
115	113.9	44.6	133.8
150	194.8	0.0	349.8

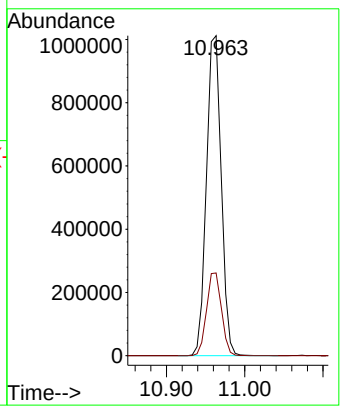




#73
Isopropylbenzene
Concen: 103.466 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion:105 Resp: 132604

Ion	Ratio	Lower	Upper
105	100		
120	26.0	12.9	38.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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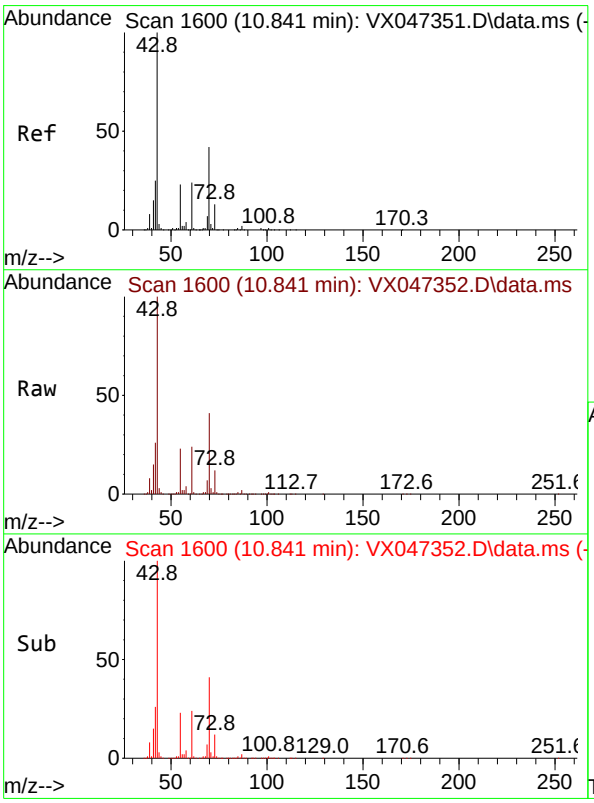
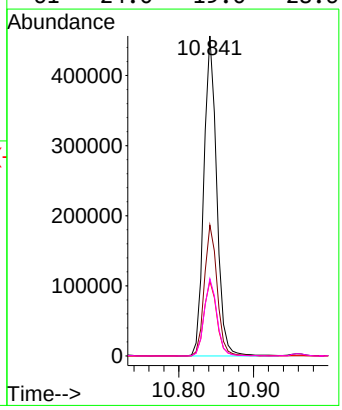
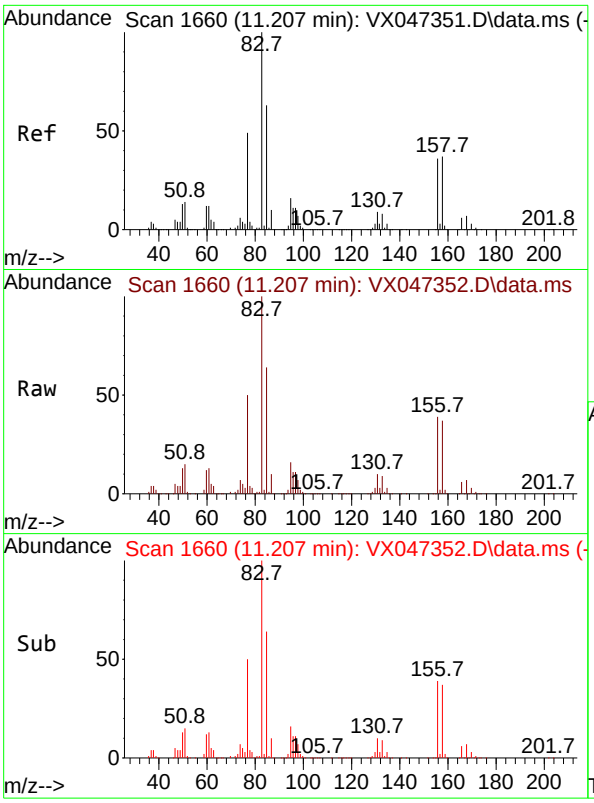


#74
N-amyl acetate
Concen: 111.573 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 43 Resp: 543008

Ion	Ratio	Lower	Upper
43	100		
70	40.9	33.1	49.7
55	23.6	19.0	28.6
61	24.0	19.0	28.6

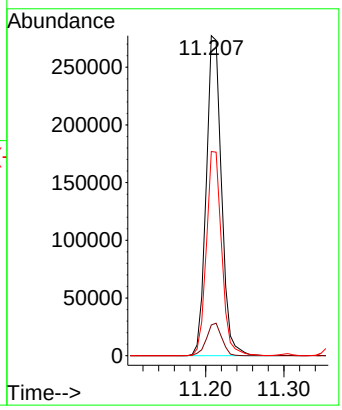




#75
1,1,2,2-Tetrachloroethane
Concen: 99.448 ug/l
RT: 11.207 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 83 Resp: 37421

Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.0	15.0
85	63.9	31.7	95.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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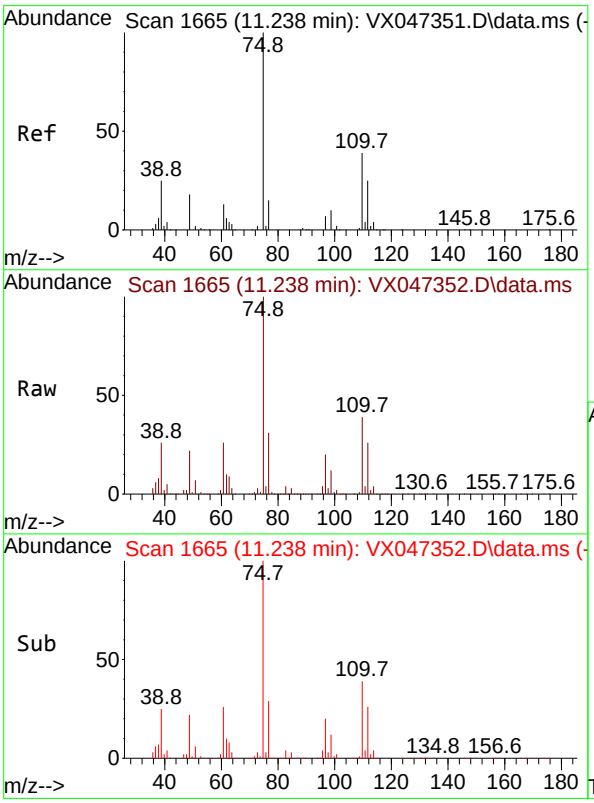
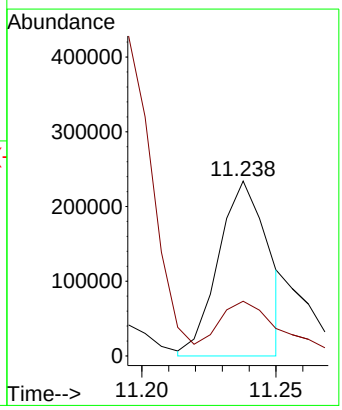
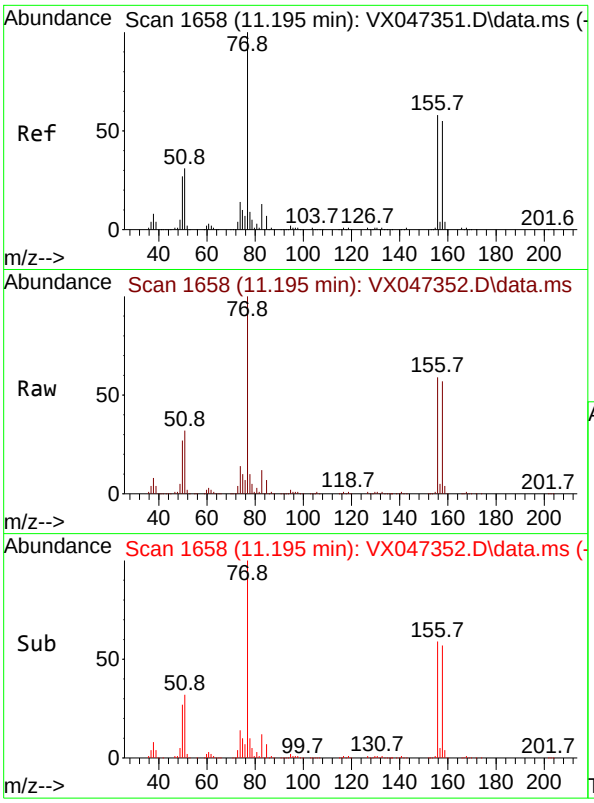


#76
1,2,3-Trichloropropane
Concen: 100.238 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 75 Resp: 301098

Ion	Ratio	Lower	Upper
75	100		
77	39.8	19.4	58.2





#77
Bromobenzene
Concen: 102.397 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion:156 Resp: 32046

Ion	Ratio	Lower	Upper
156	100		
77	170.5	86.3	258.9
158	96.6	48.0	144.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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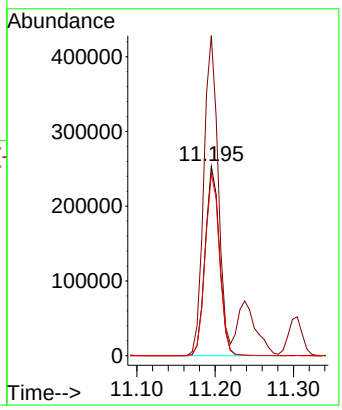
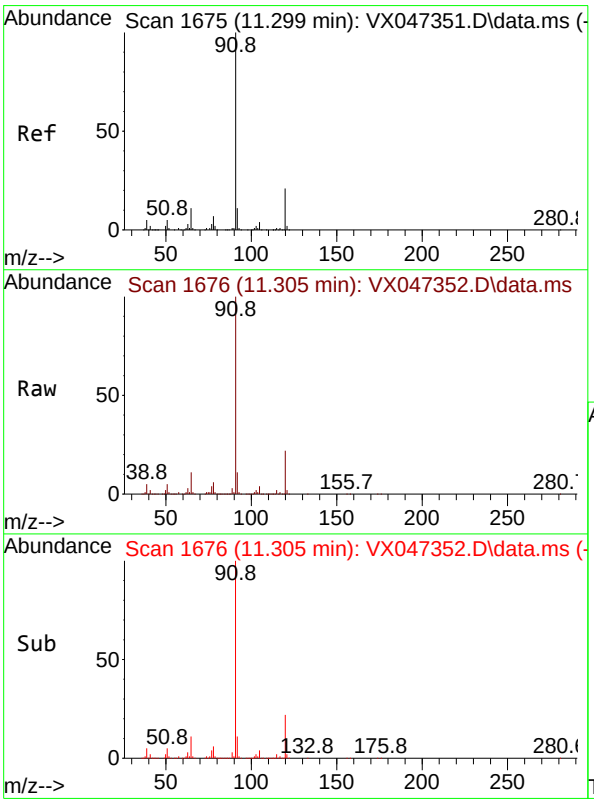
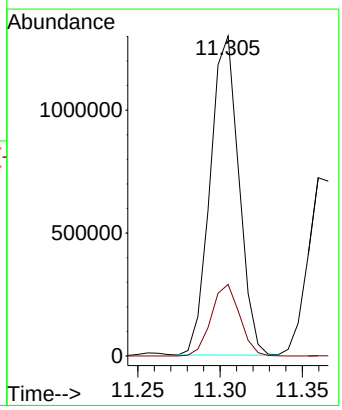


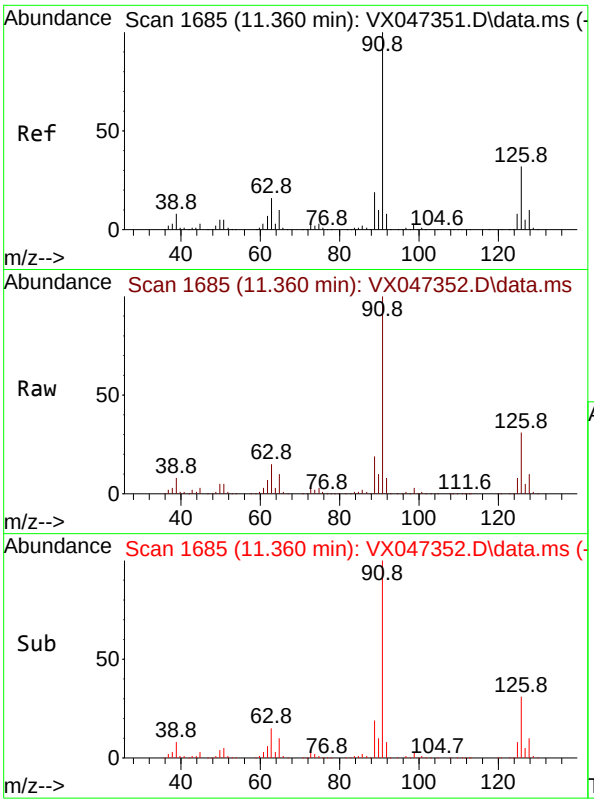


#78
n-propylbenzene
Concen: 103.081 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 91 Resp: 1577819

Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.0	33.0





#79
2-Chlorotoluene
Concen: 100.105 ug/l
RT: 11.360 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 91 Resp: 92626

Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.7	50.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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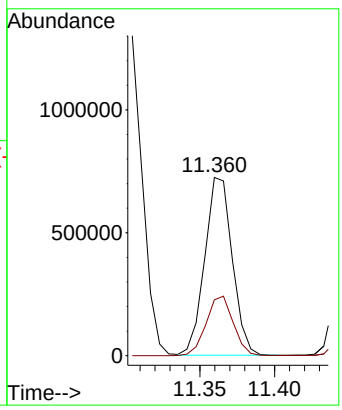
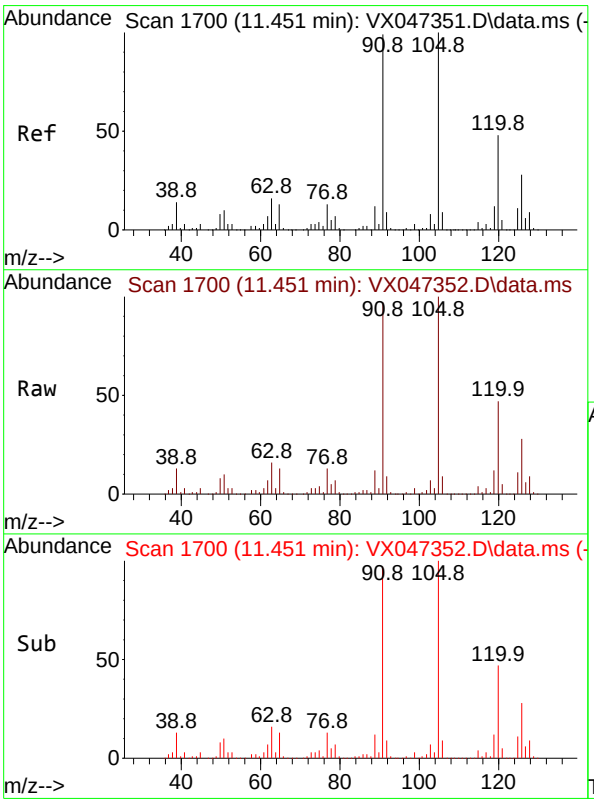
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

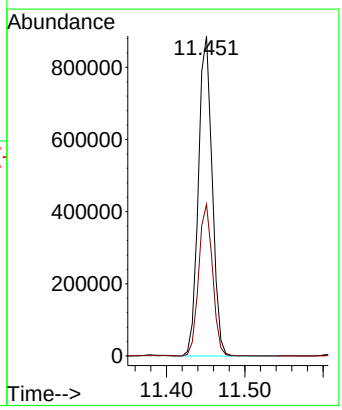


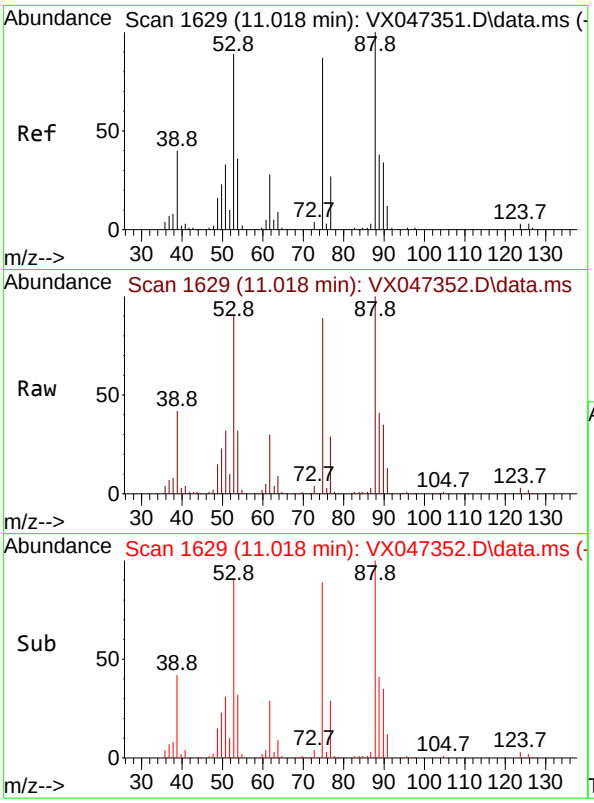


#80
1,3,5-Trimethylbenzene
Concen: 102.852 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion:105 Resp: 1084580

Ion	Ratio	Lower	Upper
105	100		
120	47.5	23.9	71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 93.696 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 75 Resp: 7038

Ion	Ratio	Lower	Upper
75	100		
53	103.8	85.2	127.8
89	46.5	36.7	55.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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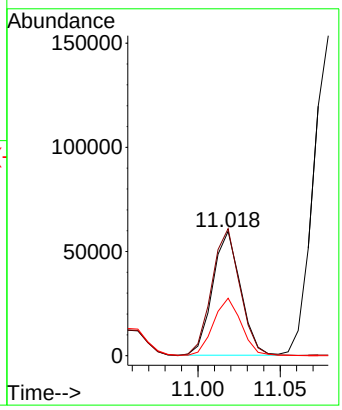
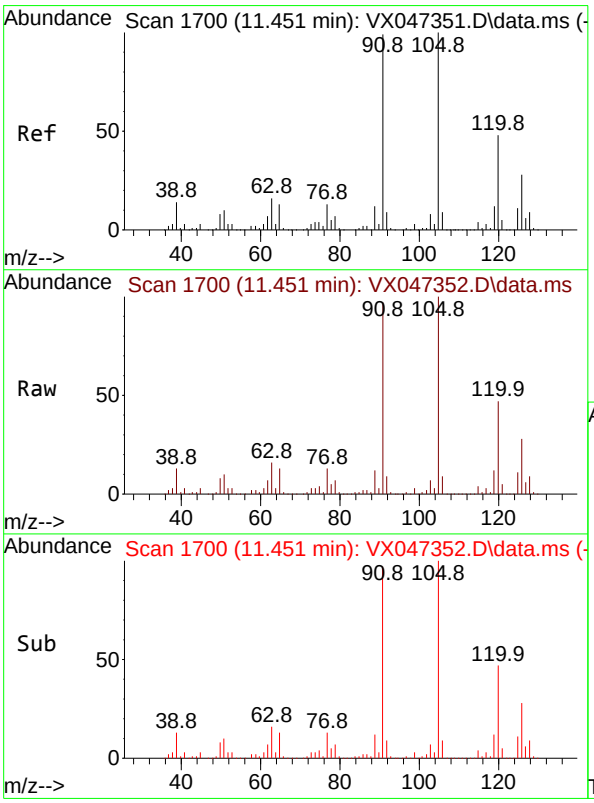
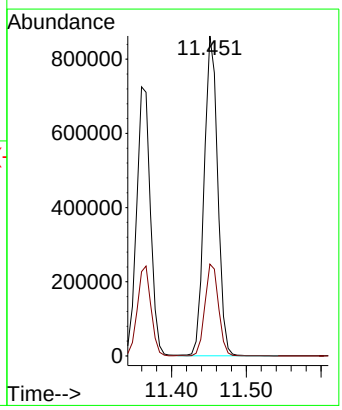


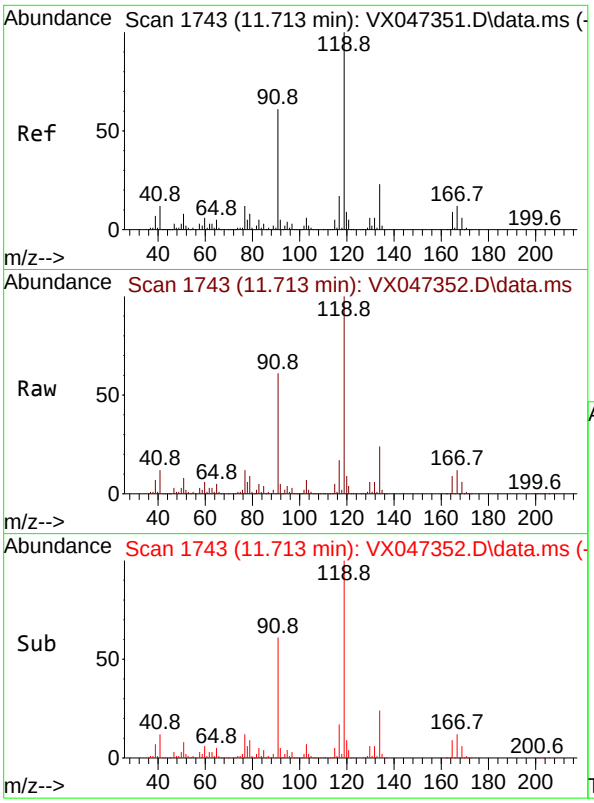


#82
4-Chlorotoluene
Concen: 99.058 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 91 Resp: 1080450

Ion	Ratio	Lower	Upper
91	100		
126	29.1	14.4	43.0

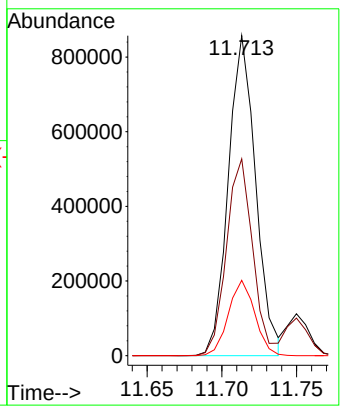




#83
tert-Butylbenzene
Concen: 103.803 ug/l
RT: 11.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion:119 Resp: 109205

Ion	Ratio	Lower	Upper
119	100		
91	59.5	29.1	87.4
134	22.8	11.3	33.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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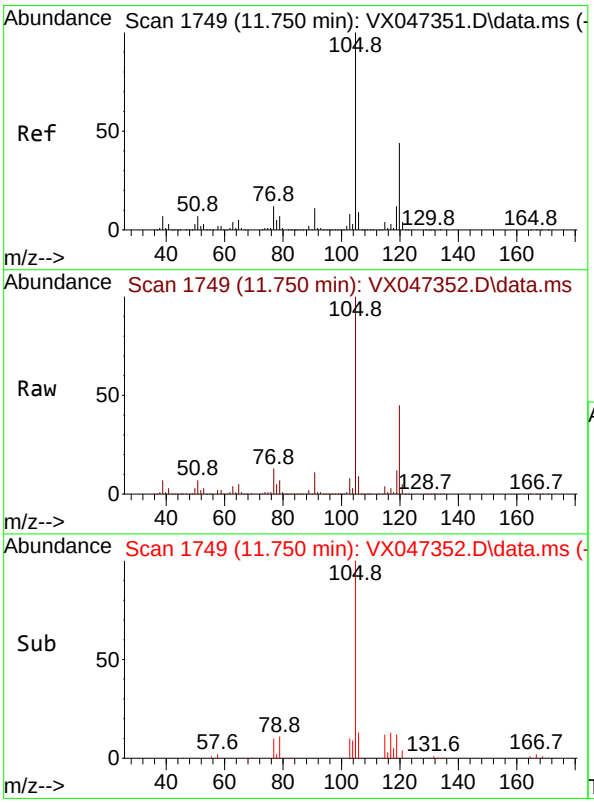
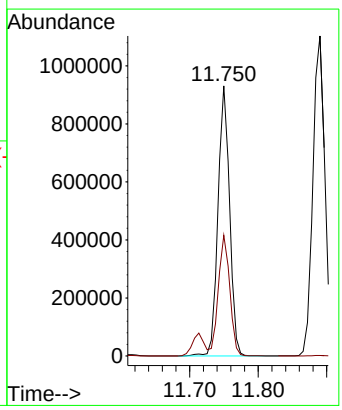
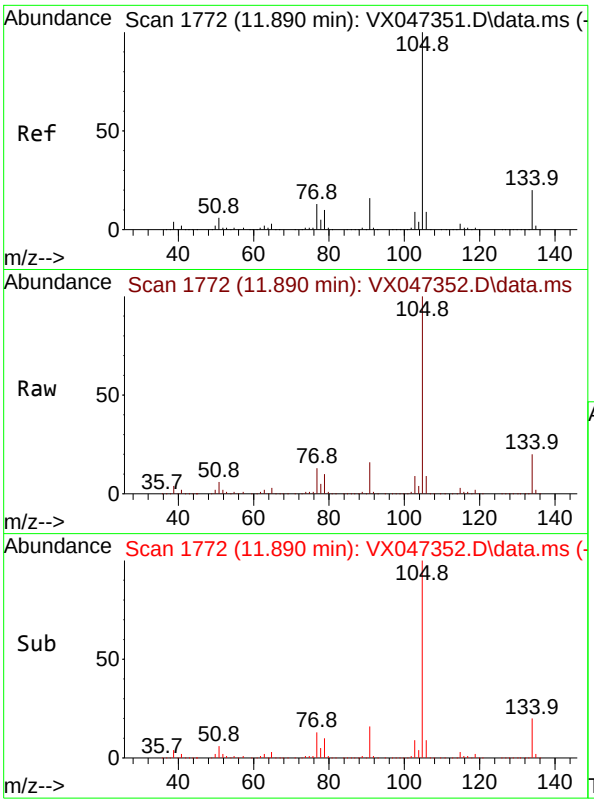


#84
1,2,4-Trimethylbenzene
Concen: 103.064 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion:105 Resp: 1086843

Ion	Ratio	Lower	Upper
105	100		
120	44.4	21.9	65.7

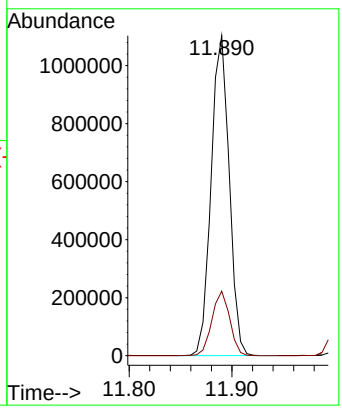




#85
sec-Butylbenzene
Concen: 103.010 ug/l
RT: 11.890 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion:105 Resp: 134322

Ion	Ratio	Lower	Upper
105	100		
134	19.9	9.8	29.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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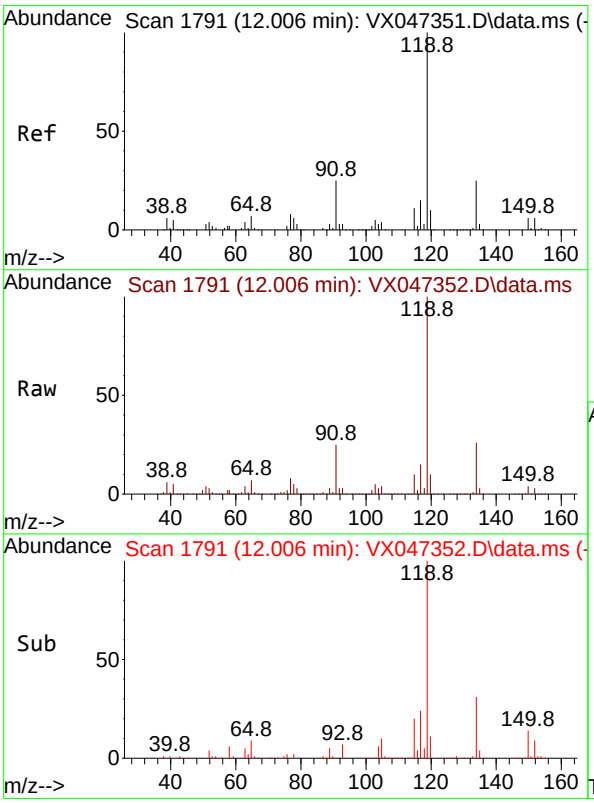
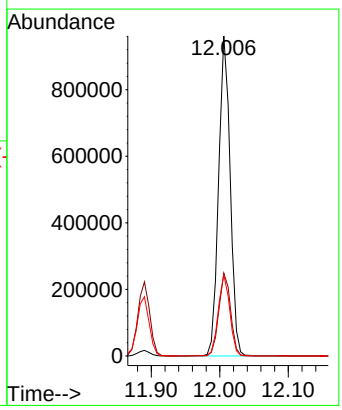
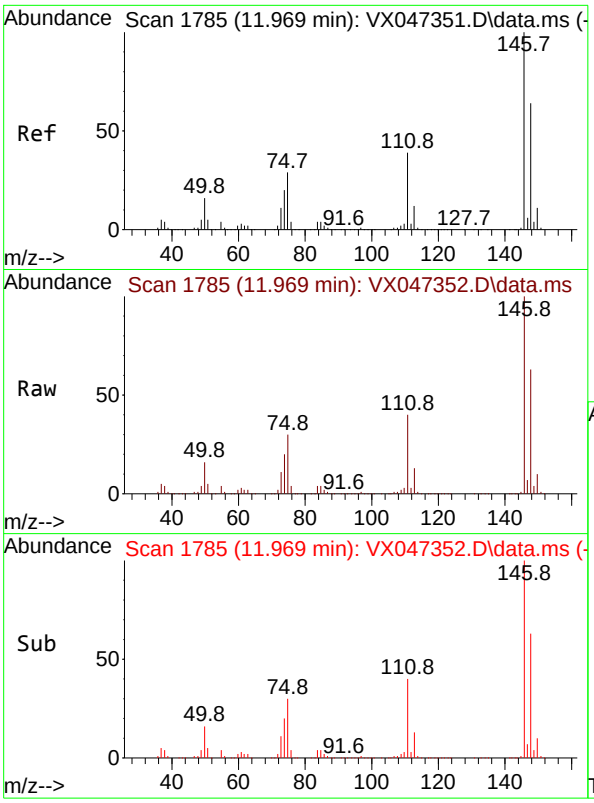


#86
p-Isopropyltoluene
Concen: 101.405 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion:119 Resp: 1118938

Ion	Ratio	Lower	Upper
119	100		
134	26.1	12.8	38.4
91	25.2	12.4	37.4

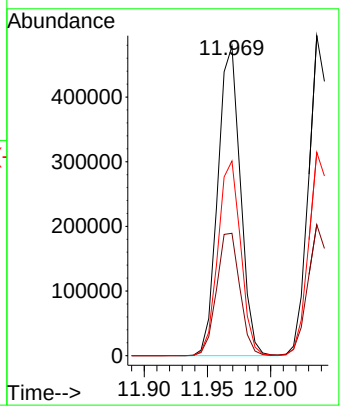




#87
1,3-Dichlorobenzene
Concen: 99.223 ug/l
RT: 11.969 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion:146 Resp: 59323

Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.6	61.8
148	63.4	31.9	95.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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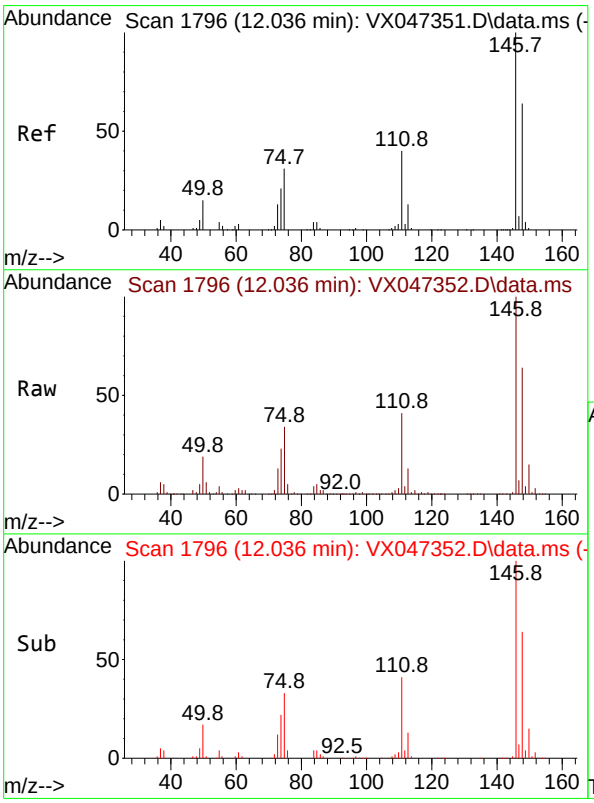
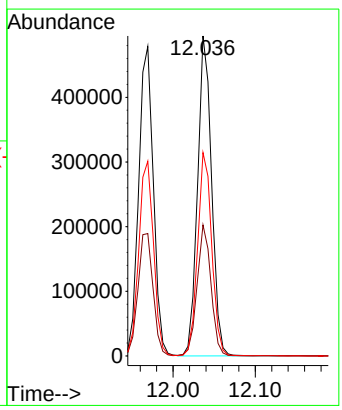
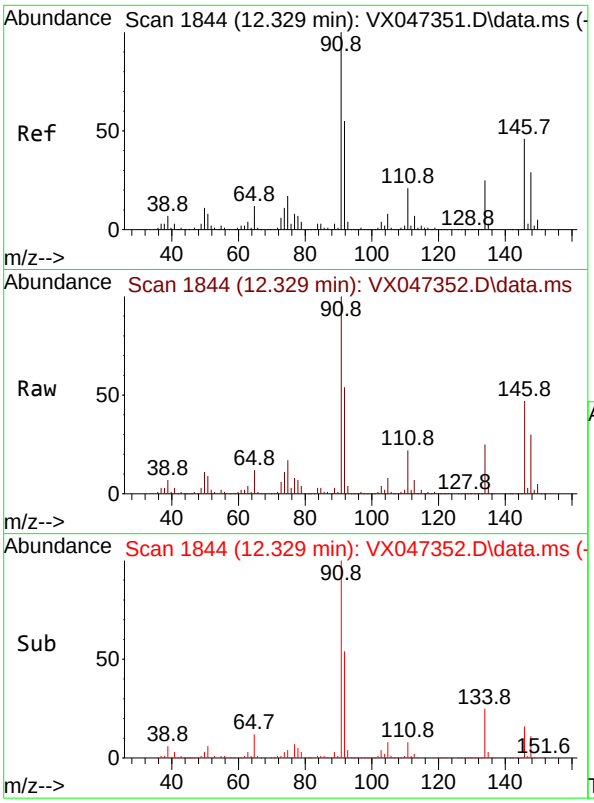


#88
1,4-Dichlorobenzene
Concen: 95.231 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion:146 Resp: 585597

Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.4	61.2
148	64.2	31.7	95.1





#89
n-Butylbenzene
Concen: 102.394 ug/l
RT: 12.329 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

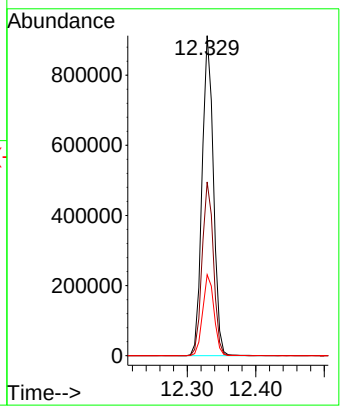
Tgt Ion: 91 Resp: 105089

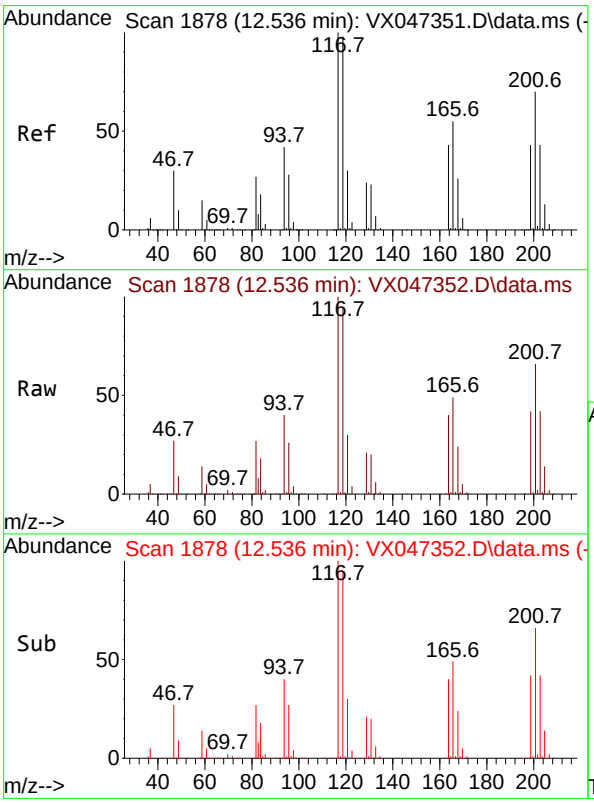
Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.2	81.5
134	25.4	12.6	37.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

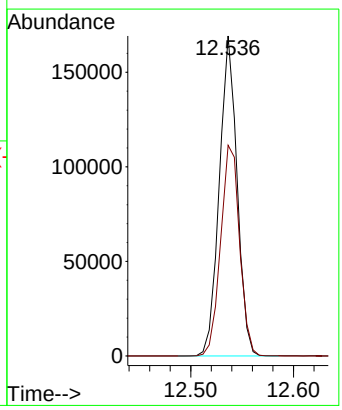


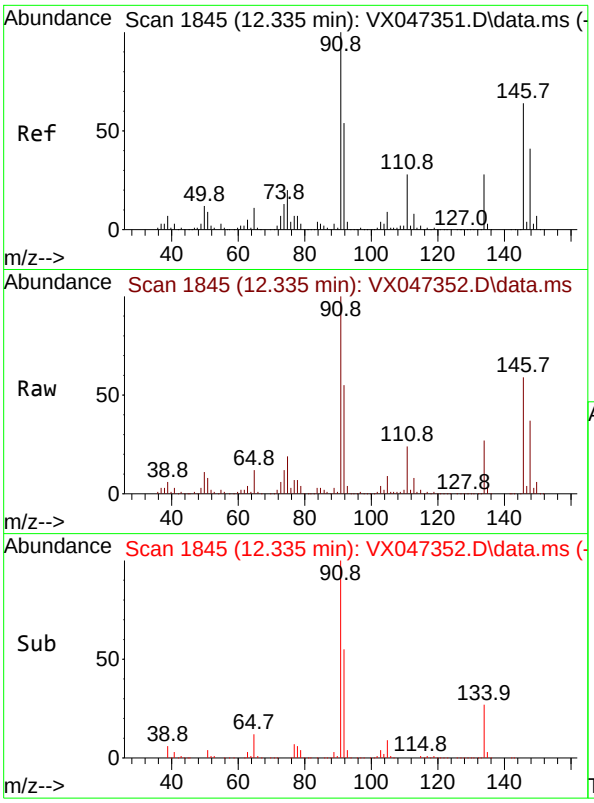


#90
Hexachloroethane
Concen: 104.570 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion:117 Resp: 202423

Ion	Ratio	Lower	Upper
117	100		
201	70.5	35.1	105.3

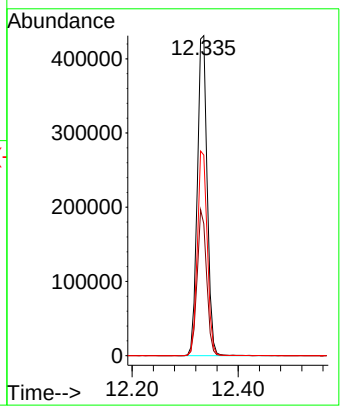




#91
1,2-Dichlorobenzene
Concen: 98.430 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion:146 Resp: 55858

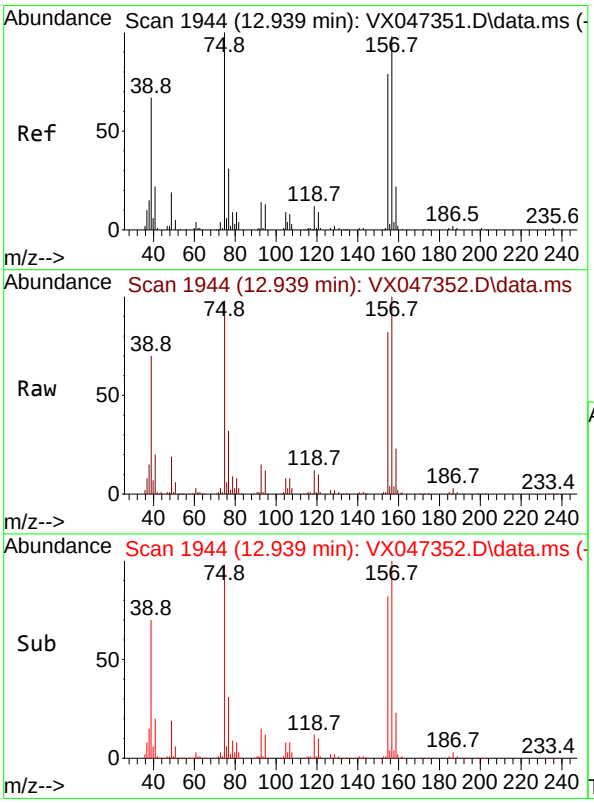
Ion	Ratio	Lower	Upper
146	100		
111	43.7	22.1	66.1
148	64.1	31.9	95.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

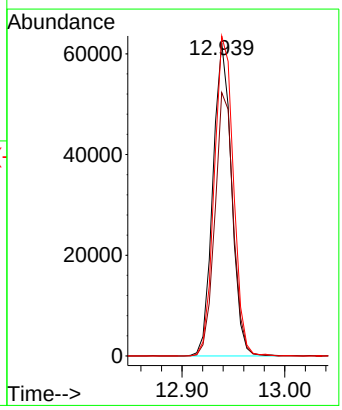
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

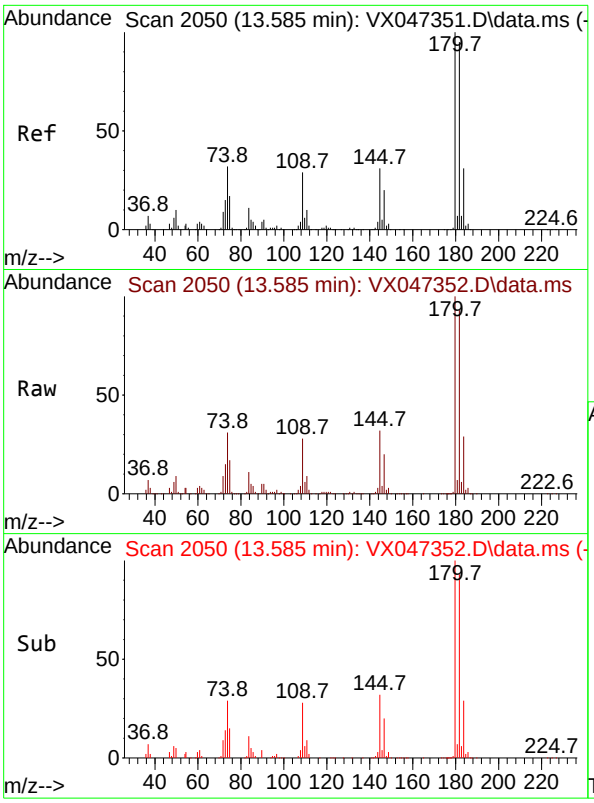


#92
1,2-Dibromo-3-Chloropropane
Concen: 107.101 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 75 Resp: 77939

Ion	Ratio	Lower	Upper
75	100		
155	83.5	41.3	123.7
157	105.3	51.5	154.5

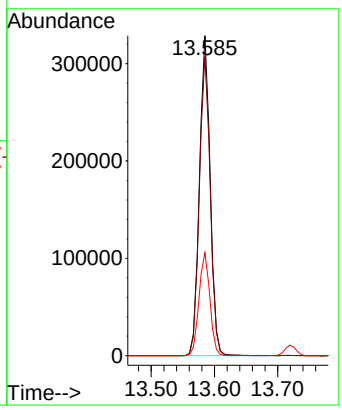




#93
1,2,4-Trichlorobenzene
Concen: 102.504 ug/l
RT: 13.585 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion:180 Resp: 38996

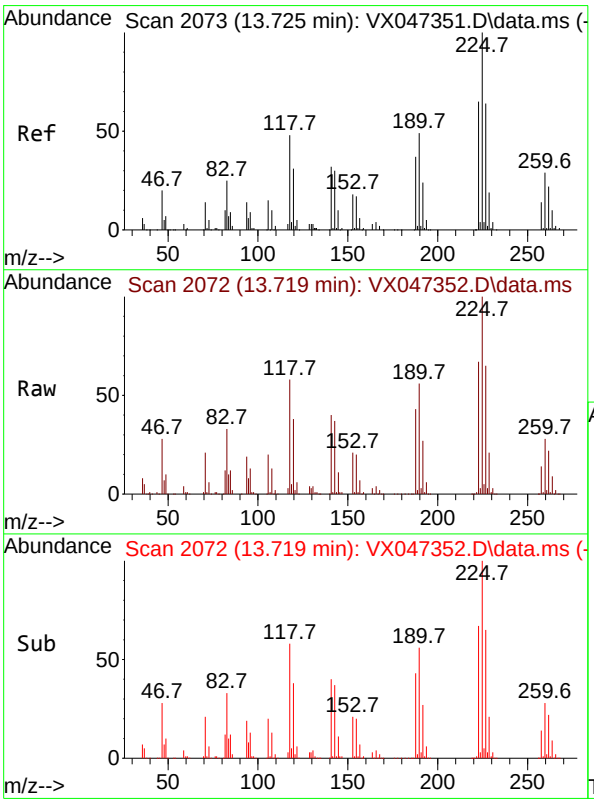
Ion	Ratio	Lower	Upper
180	100		
182	94.4	48.1	144.4
145	32.7	16.2	48.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

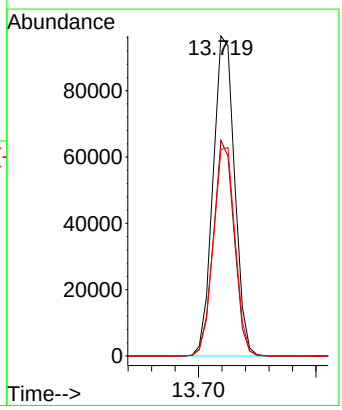
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

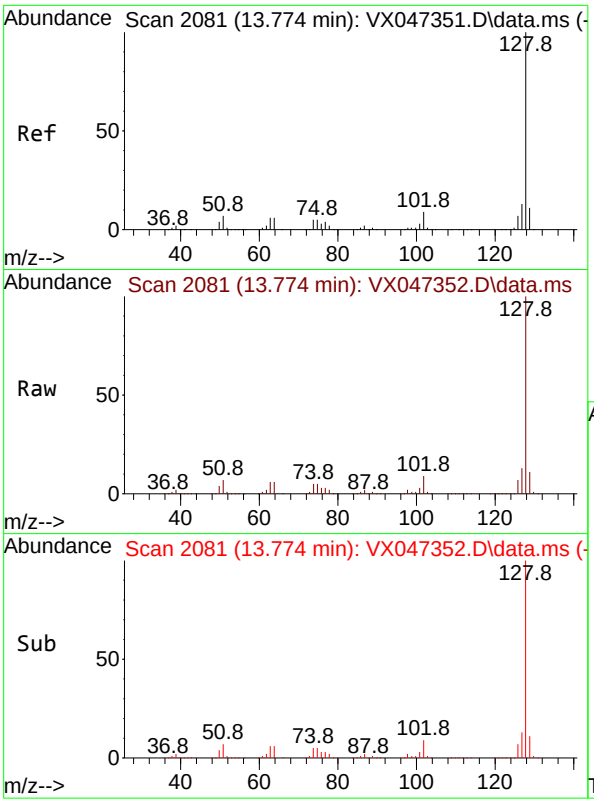


#94
Hexachlorobutadiene
Concen: 91.042 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion:225 Resp: 123286

Ion	Ratio	Lower	Upper
225	100		
223	65.1	32.2	96.6
227	65.8	31.6	95.0

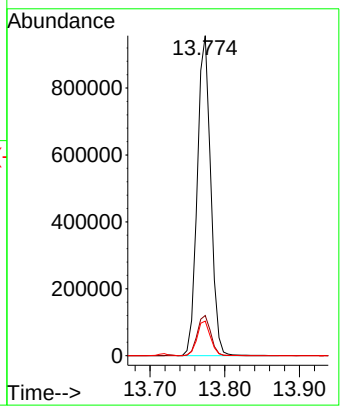




#95
Naphthalene
Concen: 109.632 ug/l
RT: 13.774 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion:128 Resp: 119191

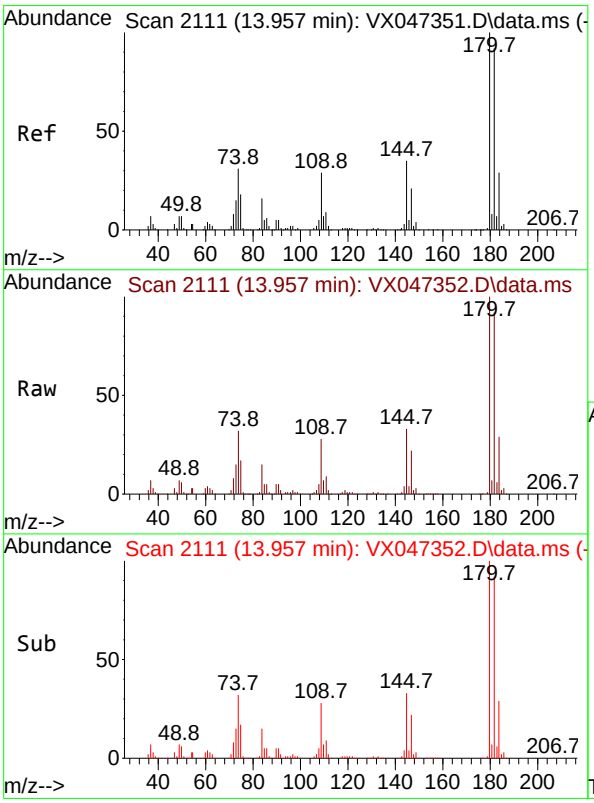
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.1	15.1
129	10.8	8.7	13.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

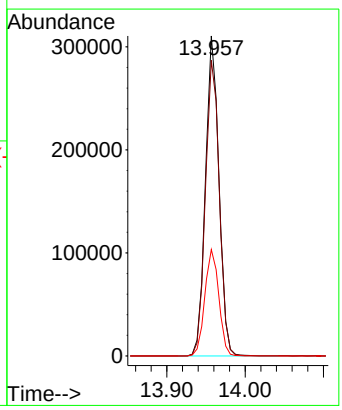
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#96
1,2,3-Trichlorobenzene
Concen: 103.395 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion:180 Resp: 370778

Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.0	144.2
145	34.4	17.4	52.2



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047353.D
Acq On : 15 Aug 2025 11:05
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

Quant Time: Aug 18 02:55:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 02:51:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	218039	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	378315	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	330090	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	153878	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	498398	163.328	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 326.660%#			
35) Dibromofluoromethane	5.397	113	396260	161.390	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 322.780%#			
50) Toluene-d8	8.653	98	1397755	159.272	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 318.540%#			
62) 4-Bromofluorobenzene	11.079	95	508844	157.125	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 314.240%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	445045	160.118	ug/l	98
3) Chloromethane	1.313	50	388526	155.385	ug/l	97
4) Vinyl Chloride	1.392	62	494933	157.702	ug/l	97
5) Bromomethane	1.618	94	170864	134.788	ug/l	100
6) Chloroethane	1.703	64	276042	143.758	ug/l	97
7) Trichlorofluoromethane	1.904	101	699331	150.647	ug/l	98
8) Diethyl Ether	2.148	74	251983	154.158	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.349	101	416485	154.664	ug/l	99
10) Methyl Iodide	2.471	142	794834	172.239	ug/l	98
11) Tert butyl alcohol	2.977	59	206679	778.553	ug/l	100
12) 1,1-Dichloroethene	2.337	96	425622	155.037	ug/l	99
13) Acrolein	2.252	56	429798	766.968	ug/l	100
14) Allyl chloride	2.678	41	735481	154.247	ug/l	99
15) Acrylonitrile	3.087	53	991254	772.742	ug/l	100
16) Acetone	2.392	43	784600	684.039	ug/l	99
17) Carbon Disulfide	2.532	76	1212975	146.420	ug/l	100
18) Methyl Acetate	2.715	43	476497	160.309	ug/l	99
19) Methyl tert-butyl Ether	3.130	73	1317168	157.713	ug/l	100
20) Methylene Chloride	2.806	84	447216	147.242	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	434634	149.166	ug/l	98
22) Diisopropyl ether	3.776	45	1429793	151.699	ug/l	99
23) Vinyl Acetate	3.733	43	6020474	779.316	ug/l	100
24) 1,1-Dichloroethane	3.623	63	809793	152.005	ug/l	99
25) 2-Butanone	4.568	43	1122803	747.433	ug/l	98
26) 2,2-Dichloropropane	4.495	77	627662	156.100	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	509580	150.154	ug/l	99
28) Bromochloromethane	4.916	49	343257	154.839	ug/l	100
29) Tetrahydrofuran	5.019	42	717541	739.017	ug/l	97
30) Chloroform	5.105	83	812939	149.521	ug/l	99
31) Cyclohexane	5.483	56	727704	148.180	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	723635	154.630	ug/l	99
36) 1,1-Dichloropropene	5.702	75	570157	147.104	ug/l	99
37) Ethyl Acetate	4.727	43	593362	147.465	ug/l	97
38) Carbon Tetrachloride	5.690	117	628733	148.444	ug/l	98
39) Methylcyclohexane	7.385	83	729123	150.814	ug/l	97
40) Benzene	6.050	78	1706889	147.130	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047353.D
Acq On : 15 Aug 2025 11:05
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 18 02:55:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 02:51:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.940	41	262323	154.600	ug/l		98
42) 1,2-Dichloroethane	6.098	62	599255	145.829	ug/l		100
43) Isopropyl Acetate	6.348	43	910348	157.486	ug/l		100
44) Trichloroethene	7.129	130	443361	149.252	ug/l		98
45) 1,2-Dichloropropane	7.434	63	433512	149.161	ug/l		99
46) Dibromomethane	7.586	93	312886	148.288	ug/l		99
47) Bromodichloromethane	7.824	83	650767	148.773	ug/l		99
48) Methyl methacrylate	7.696	41	473316	157.749	ug/l		99
49) 1,4-Dioxane	7.677	88	88481	3105.263	ug/l		97
51) 4-Methyl-2-Pentanone	8.580	43	2521407	757.992	ug/l		100
52) Toluene	8.720	92	1052008	146.750	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	624499	163.583	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	682860	158.029	ug/l		100
55) 1,1,2-Trichloroethane	9.153	97	394302	144.868	ug/l		97
56) Ethyl methacrylate	9.116	69	646154	161.020	ug/l		99
57) 1,3-Dichloropropane	9.311	76	672087	144.911	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.244	63	1468000	748.853	ug/l		99
59) 2-Hexanone	9.433	43	1737616	755.168	ug/l		100
60) Dibromochloromethane	9.525	129	476650	147.358	ug/l		99
61) 1,2-Dibromoethane	9.610	107	410057	146.099	ug/l		99
64) Tetrachloroethene	9.275	164	356989	149.518	ug/l		99
65) Chlorobenzene	10.079	112	1163848	148.370	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.165	131	405123	152.780	ug/l		100
67) Ethyl Benzene	10.195	91	2036272	150.823	ug/l		99
68) m/p-Xylenes	10.299	106	1502542	298.466	ug/l		99
69) o-Xylene	10.640	106	725154	149.683	ug/l		100
70) Styrene	10.653	104	1253652	153.150	ug/l		99
71) Bromoform	10.799	173	309626	155.427	ug/l	#	99
73) Isopropylbenzene	10.963	105	1883521	156.417	ug/l		99
74) N-amyl acetate	10.842	43	790124	172.791	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	531651	150.375	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	425332m	150.704	ug/l		
77) Bromobenzene	11.195	156	451000	153.378	ug/l		99
78) n-propylbenzene	11.305	91	2235938	155.473	ug/l		99
79) 2-Chlorotoluene	11.366	91	1306418	150.272	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	1536791	155.110	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	113338	154.967	ug/l		97
82) 4-Chlorotoluene	11.451	91	1541070	150.376	ug/l		100
83) tert-Butylbenzene	11.713	119	1542621	156.062	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	1535261	154.952	ug/l		99
85) sec-Butylbenzene	11.890	105	1912224	156.078	ug/l		100
86) p-Isopropyltoluene	12.006	119	1601345	154.459	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	841394	149.783	ug/l		100
88) 1,4-Dichlorobenzene	12.036	146	837395	144.939	ug/l		100
89) n-Butylbenzene	12.329	91	1489473	154.462	ug/l		100
90) Hexachloroethane	12.536	117	303295	166.757	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	798192	149.701	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	115101	168.342	ug/l		97
93) 1,2,4-Trichlorobenzene	13.585	180	555658	155.453	ug/l		100
94) Hexachlorobutadiene	13.725	225	176870	139.013	ug/l		98
95) Naphthalene	13.774	128	1715681	167.959	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	535287	158.872	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047353.D
Acq On : 15 Aug 2025 11:05
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

Quant Time: Aug 18 02:55:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 02:51:35 2025
Response via : Initial Calibration

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

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

ICAL Form

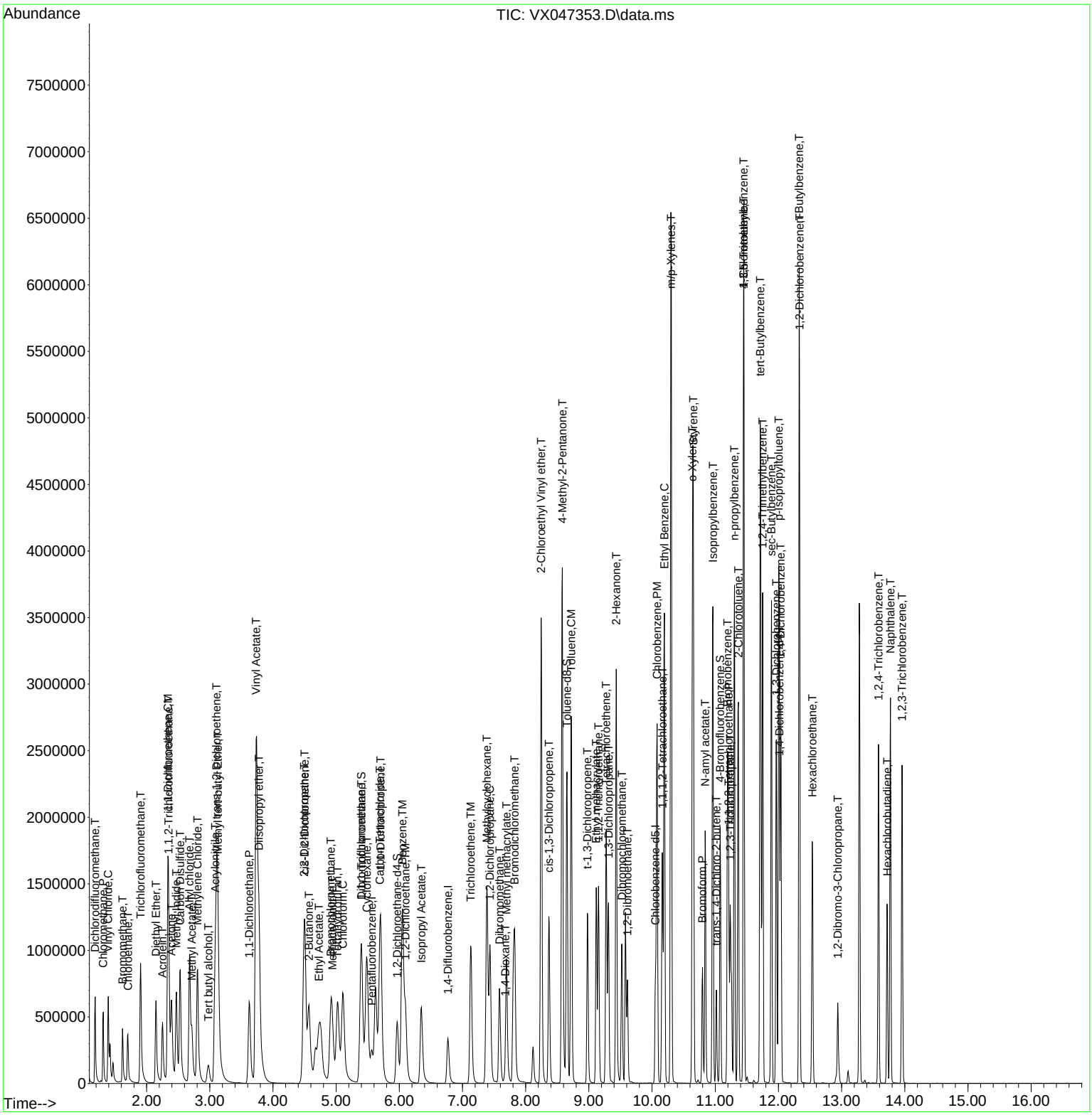
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047353.D
Acq On : 15 Aug 2025 11:05
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

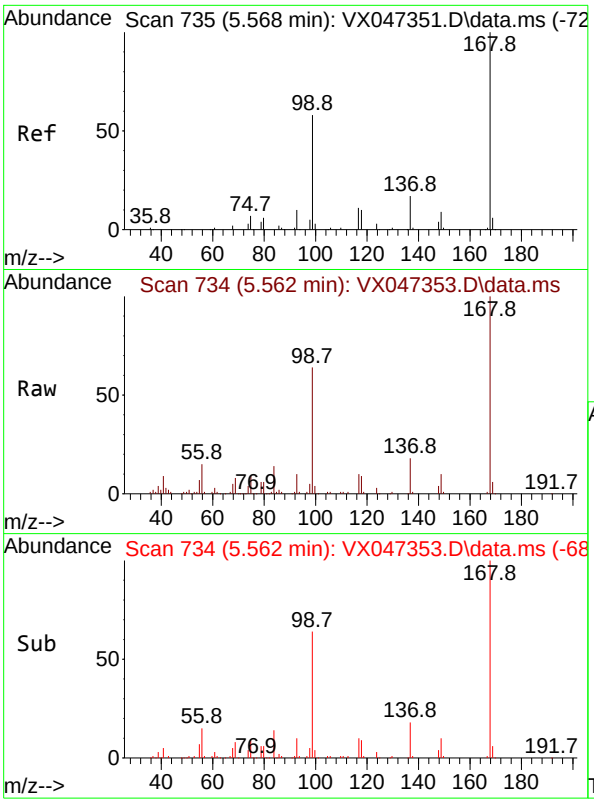
Quant Time: Aug 18 02:55:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 02:51:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

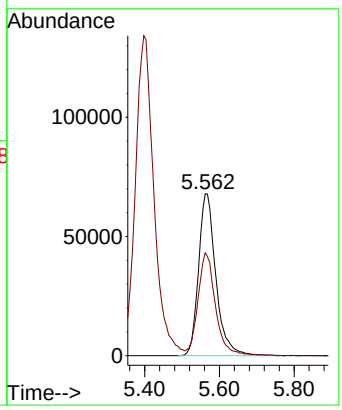




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion:168 Resp: 21803

Ion	Ratio	Lower	Upper
168	100		
99	63.3	47.9	71.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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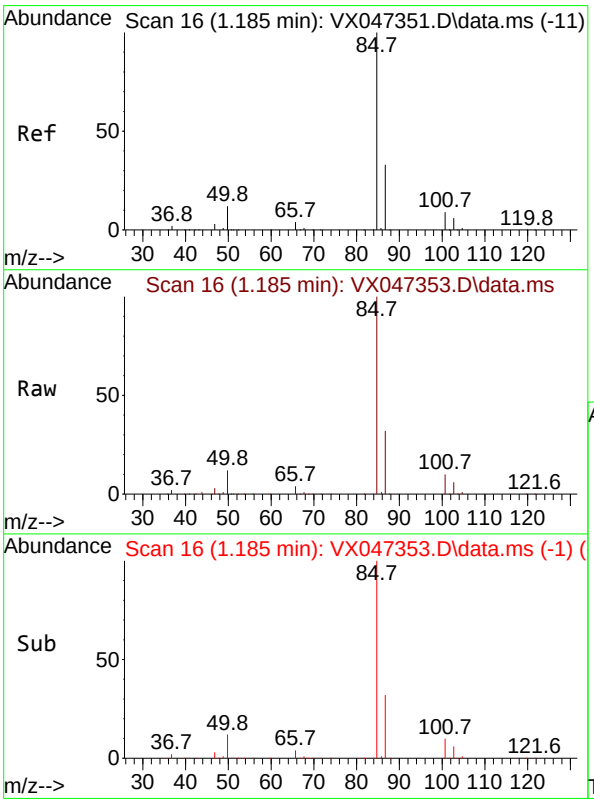
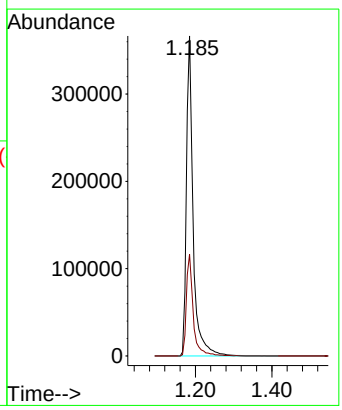
Supervised By :Mahesh Dadoda 08/19/2025

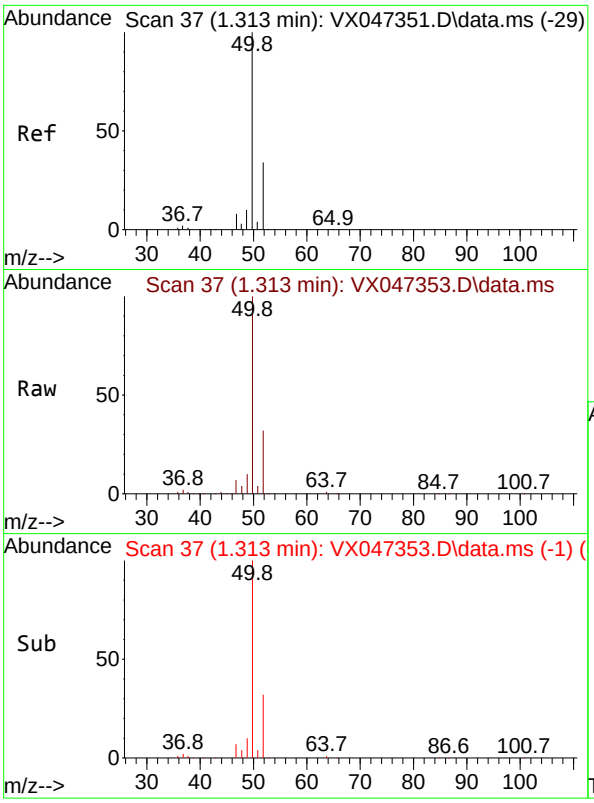


#2
Dichlorodifluoromethane
Concen: 160.118 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 85 Resp: 445045

Ion	Ratio	Lower	Upper
85	100		
87	31.8	16.4	49.1

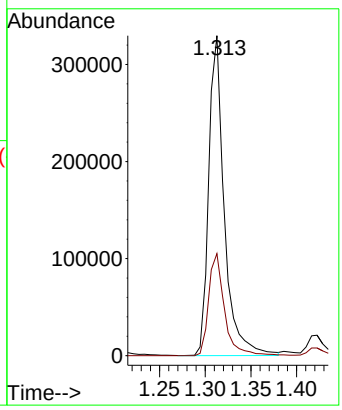




#3
Chloromethane
Concen: 155.385 ug/l
RT: 1.313 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 50 Resp: 38852

Ion	Ratio	Lower	Upper
50	100		
52	31.9	27.0	40.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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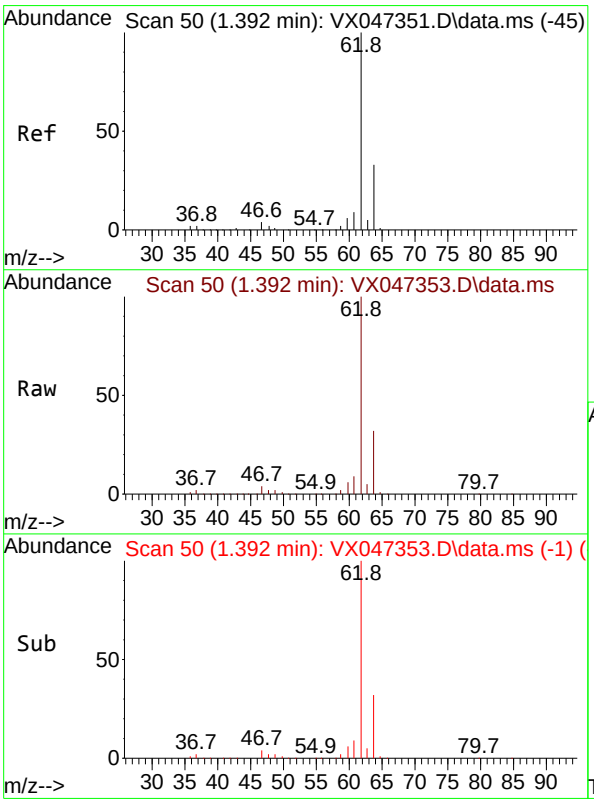
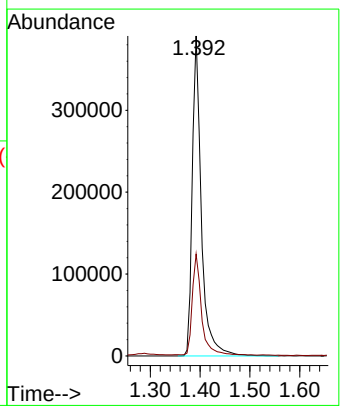
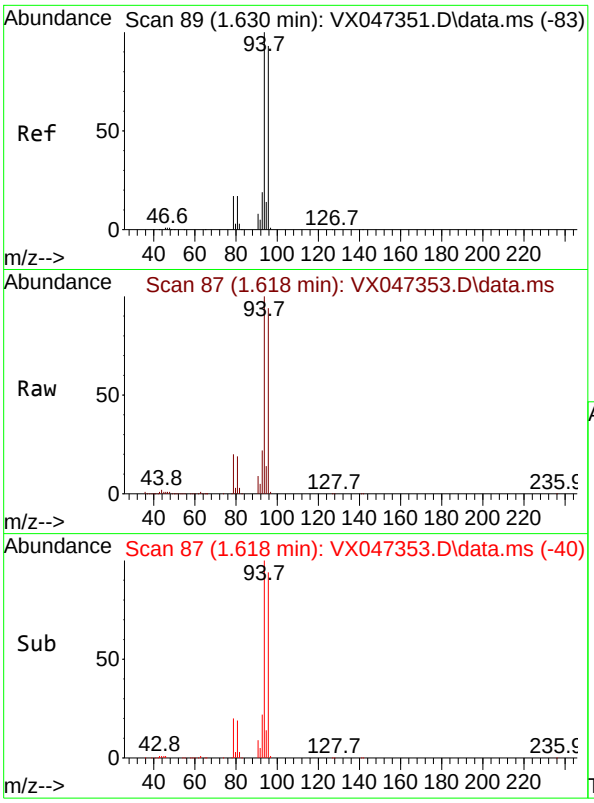


#4
Vinyl Chloride
Concen: 157.702 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 62 Resp: 494933

Ion	Ratio	Lower	Upper
62	100		
64	31.6	26.5	39.7

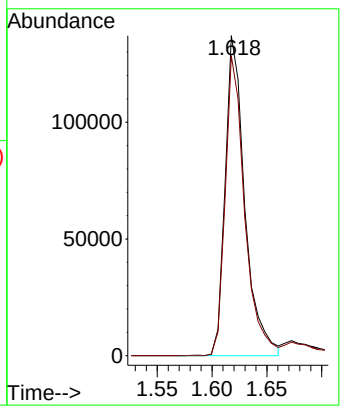




#5
Bromomethane
Concen: 134.788 ug/l
RT: 1.618 min Scan# 8
Delta R.T. -0.012 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 94 Resp: 17086

Ion	Ratio	Lower	Upper
94	100		
96	93.7	74.7	112.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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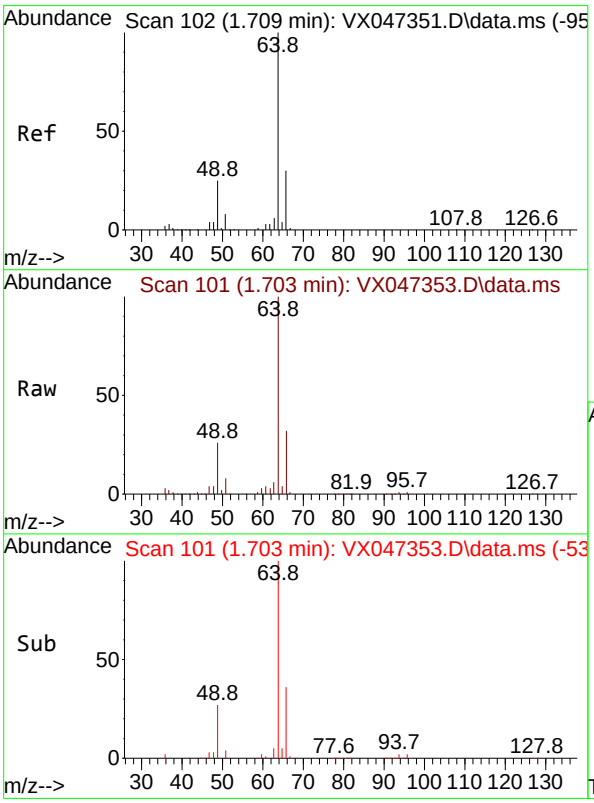
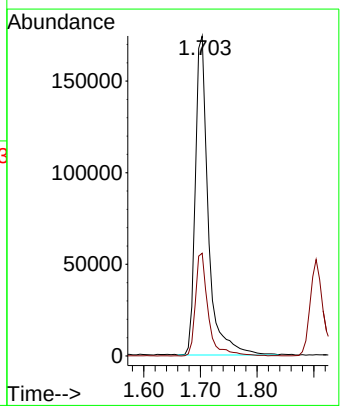
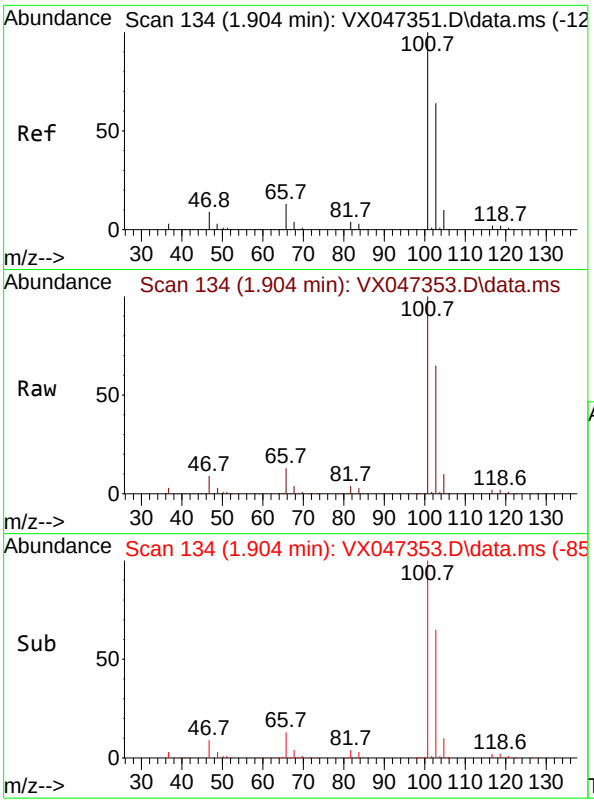


#6
Chloroethane
Concen: 143.758 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.006 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 64 Resp: 276042

Ion	Ratio	Lower	Upper
64	100		
66	32.2	24.4	36.6

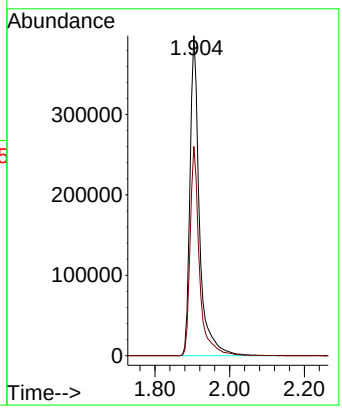




#7
Trichlorofluoromethane
Concen: 150.647 ug/l
RT: 1.904 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion:101 Resp: 69933

Ion	Ratio	Lower	Upper
101	100		
103	65.4	50.9	76.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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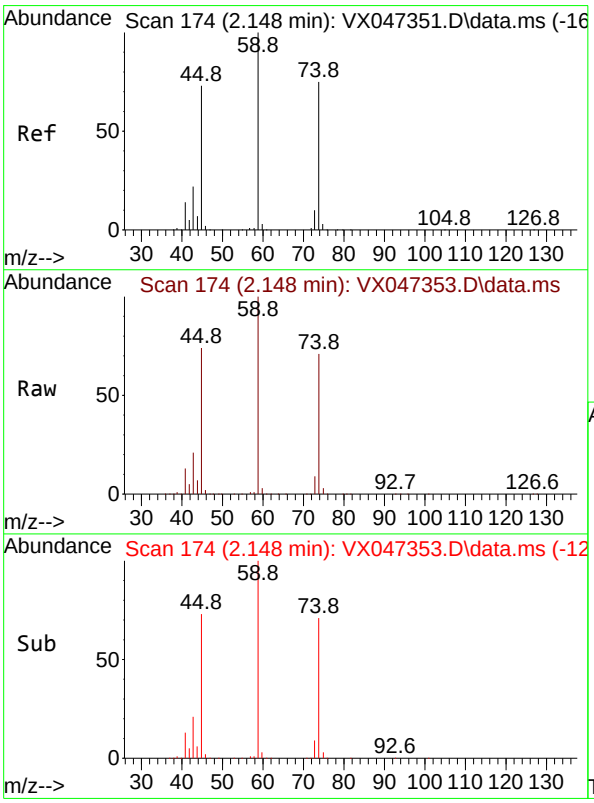
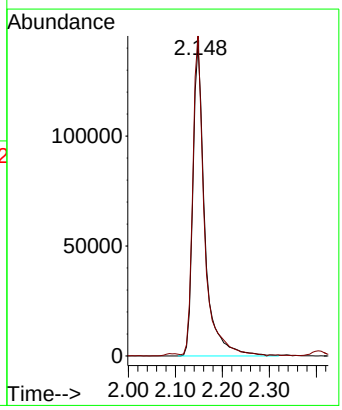
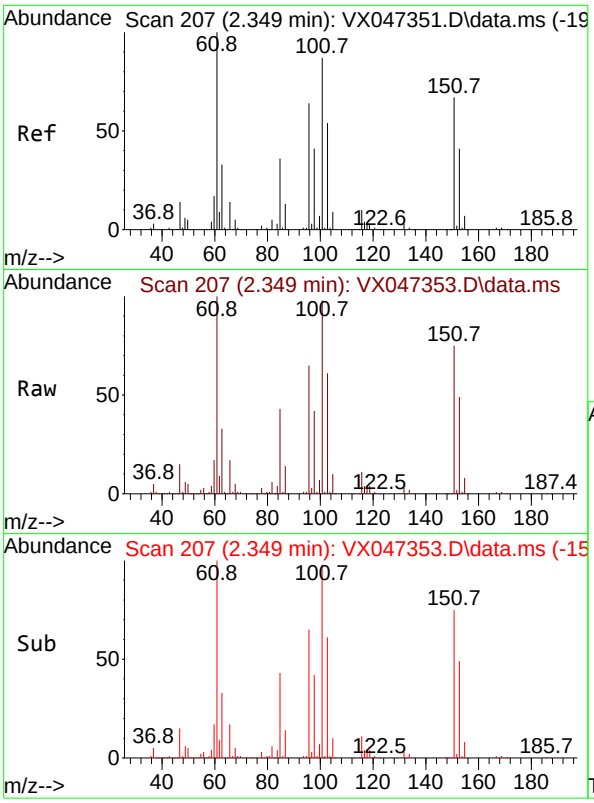


#8
Diethyl Ether
Concen: 154.158 ug/l
RT: 2.148 min Scan# 174
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 74 Resp: 251983

Ion	Ratio	Lower	Upper
74	100		
45	101.1	51.3	154.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 154.664 ug/l
RT: 2.349 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion:101 Resp: 41648

Ion	Ratio	Lower	Upper
101	100		
85	43.8	34.3	51.5
151	74.9	59.2	88.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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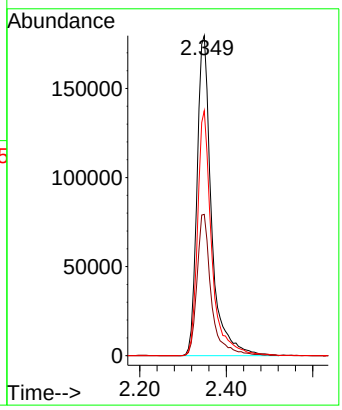
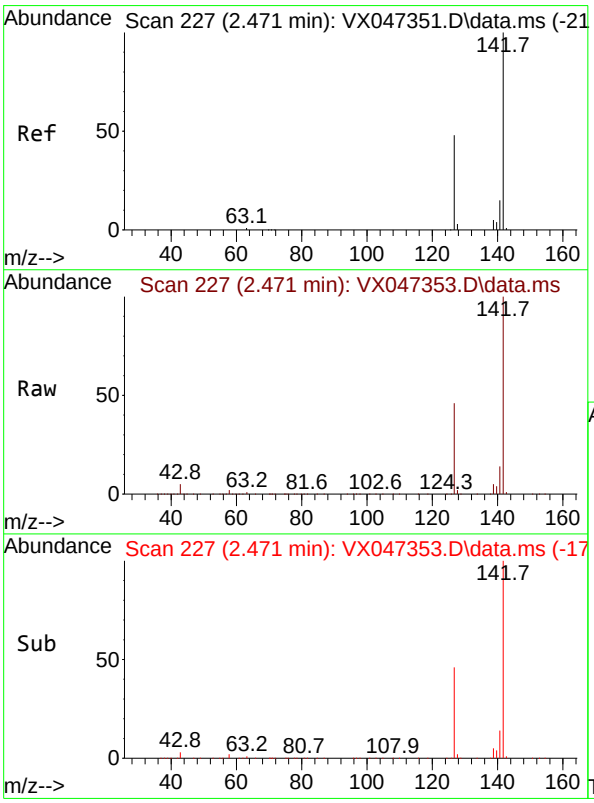
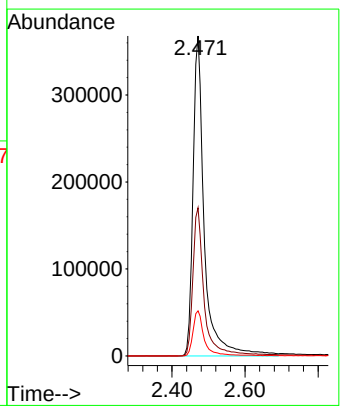


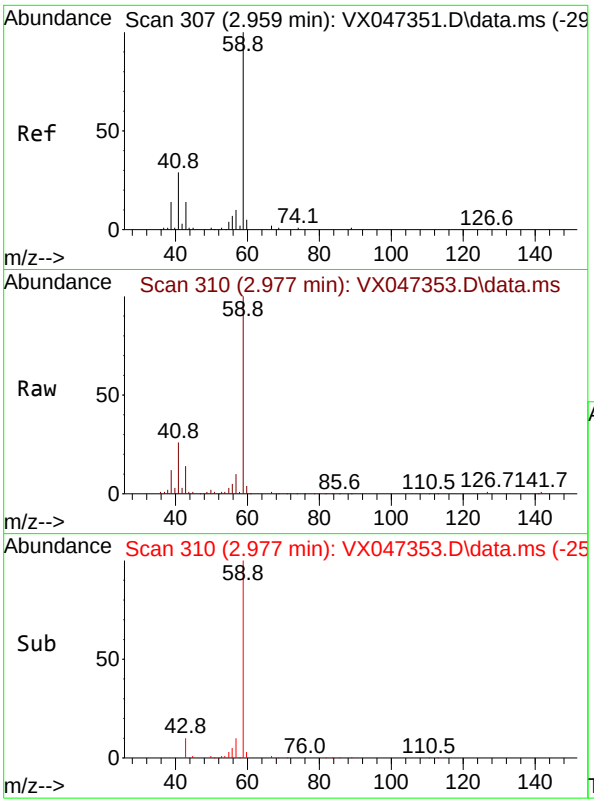


#10
Methyl Iodide
Concen: 172.239 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion:142 Resp: 794834

Ion	Ratio	Lower	Upper
142	100		
127	47.1	36.1	54.1
141	14.0	11.1	16.7

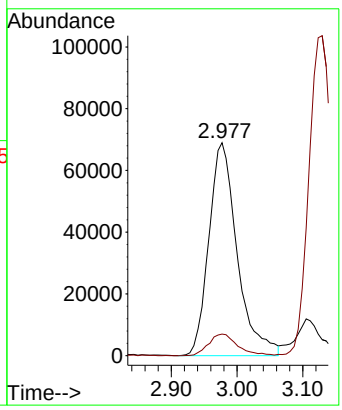




#11
Tert butyl alcohol
Concen: 778.553 ug/l
RT: 2.977 min Scan# 3
Delta R.T. 0.018 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 59 Resp: 20667

Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.3	12.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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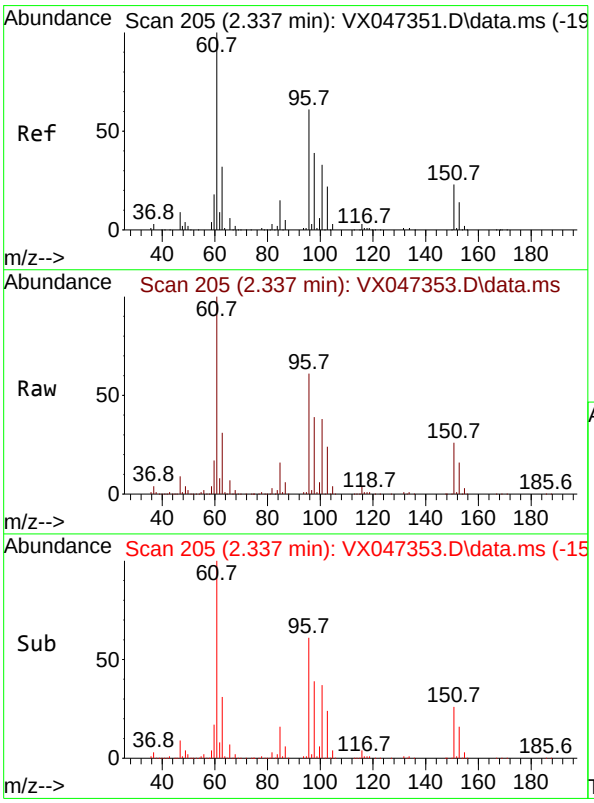
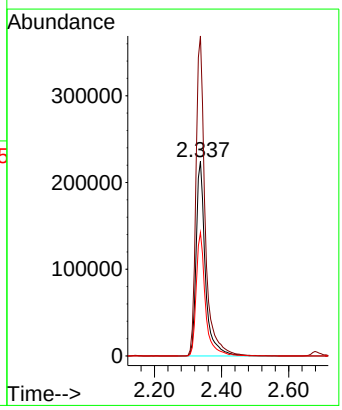
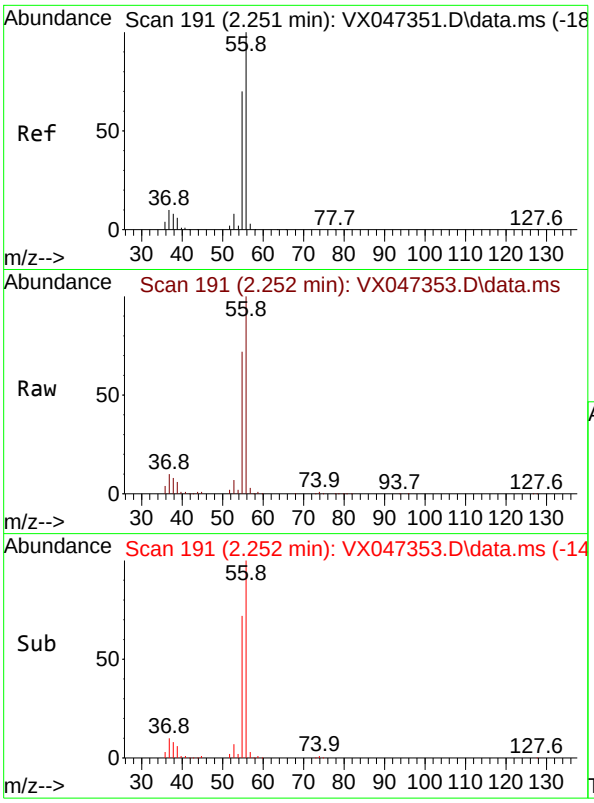


#12
1,1-Dichloroethene
Concen: 155.037 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 96 Resp: 425622

Ion	Ratio	Lower	Upper
96	100		
61	164.5	132.2	198.2
98	63.5	51.2	76.8

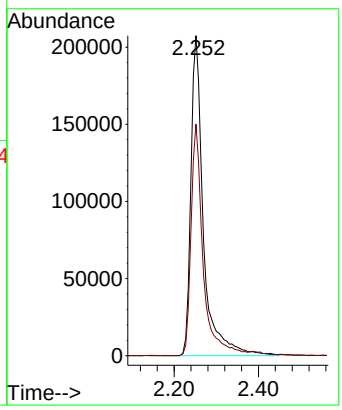




#13
Acrolein
Concen: 766.968 ug/l
RT: 2.252 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 56 Resp: 42979

Ion	Ratio	Lower	Upper
56	100		
55	69.4	55.5	83.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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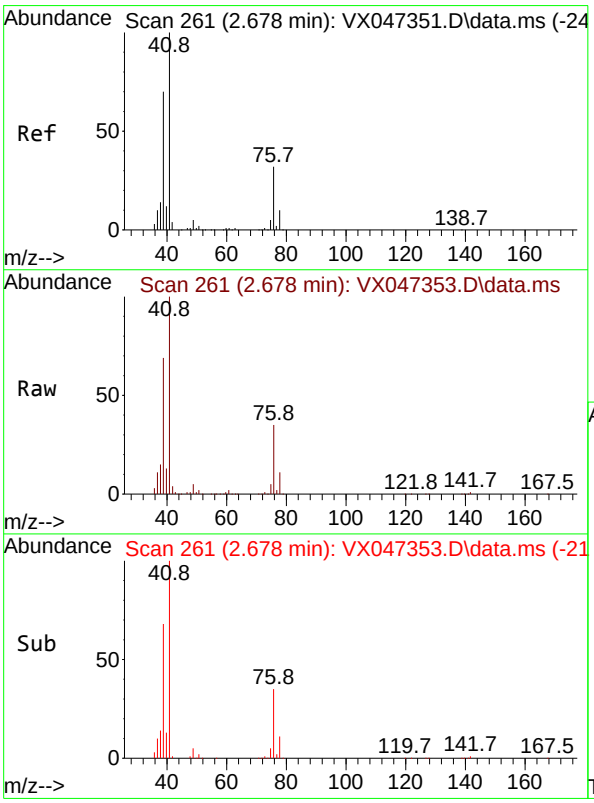
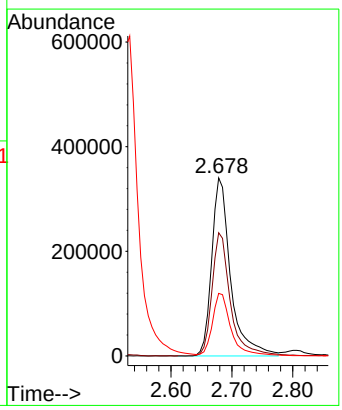
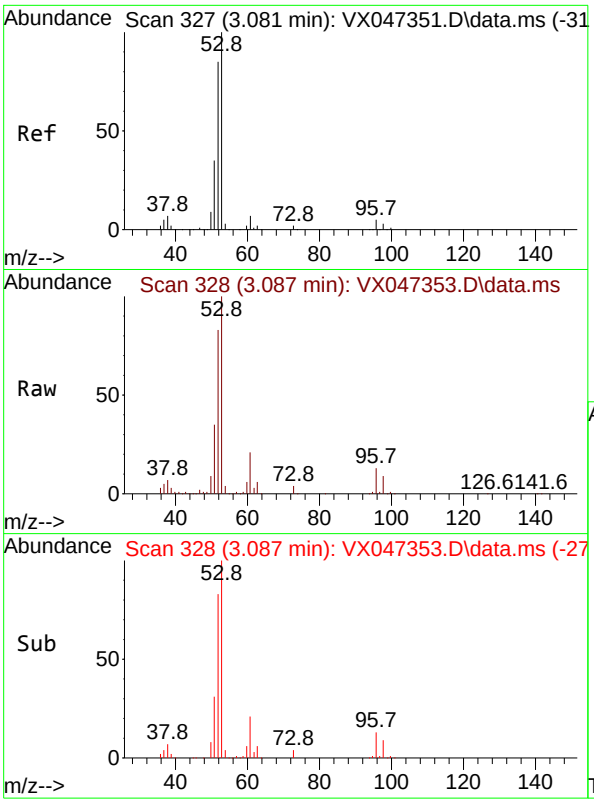


#14
Allyl chloride
Concen: 154.247 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 41 Resp: 735481

Ion	Ratio	Lower	Upper
41	100		
39	67.1	54.6	81.8
76	34.3	27.6	41.4

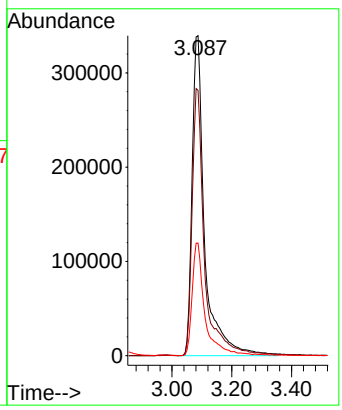




#15
Acrylonitrile
Concen: 772.742 ug/l
RT: 3.087 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 53 Resp: 99125

Ion	Ratio	Lower	Upper
53	100		
52	82.3	65.8	98.6
51	35.4	28.2	42.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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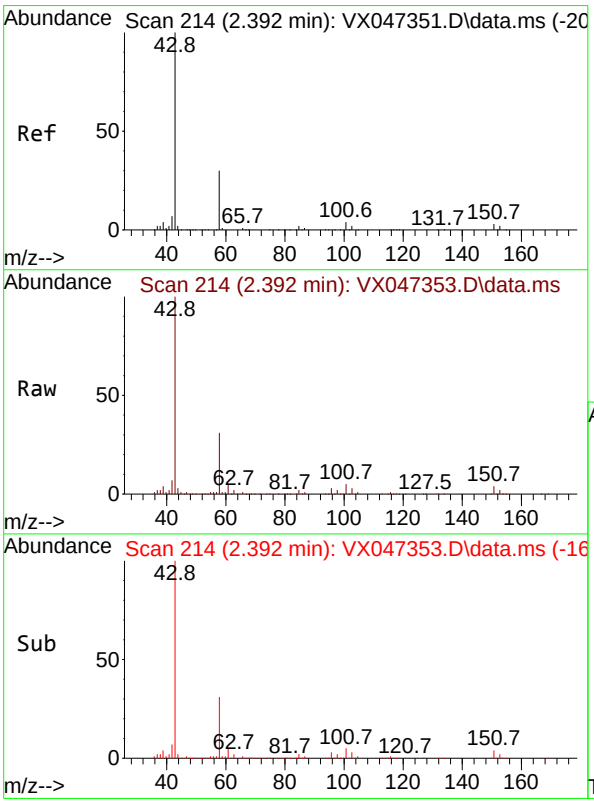
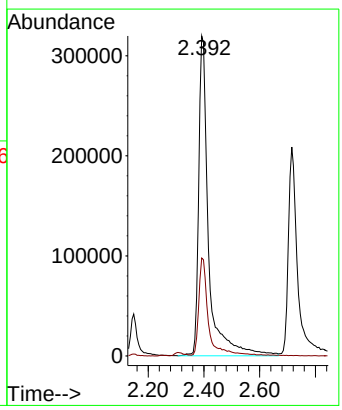
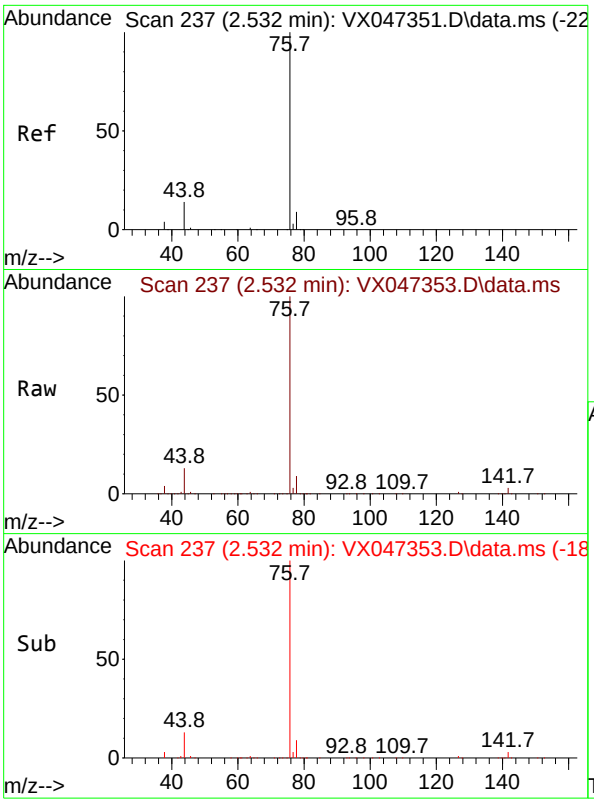


#16
Acetone
Concen: 684.039 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 43 Resp: 784600

Ion	Ratio	Lower	Upper
43	100		
58	30.4	24.8	37.2





#17
Carbon Disulfide
Concen: 146.420 ug/l
RT: 2.532 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 76 Resp: 121297

Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.2	10.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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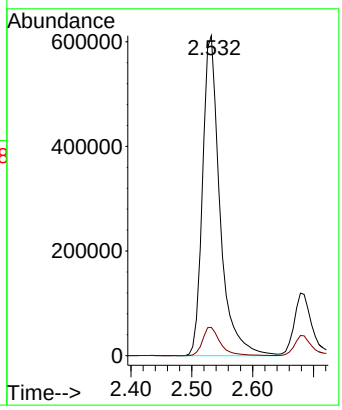
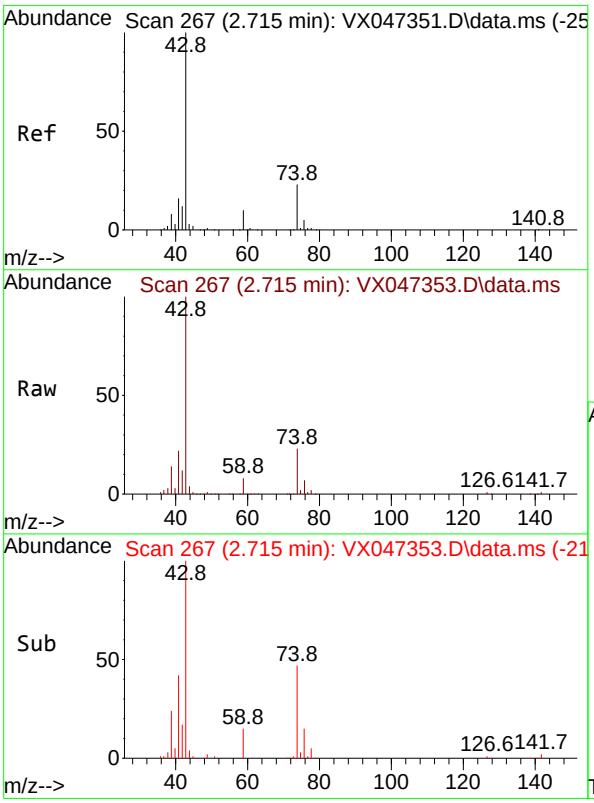
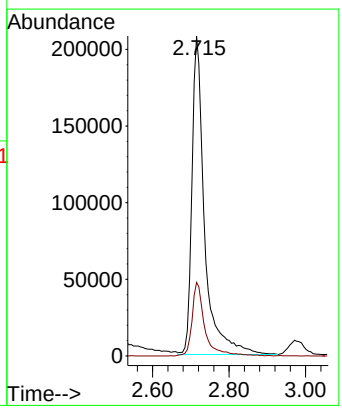


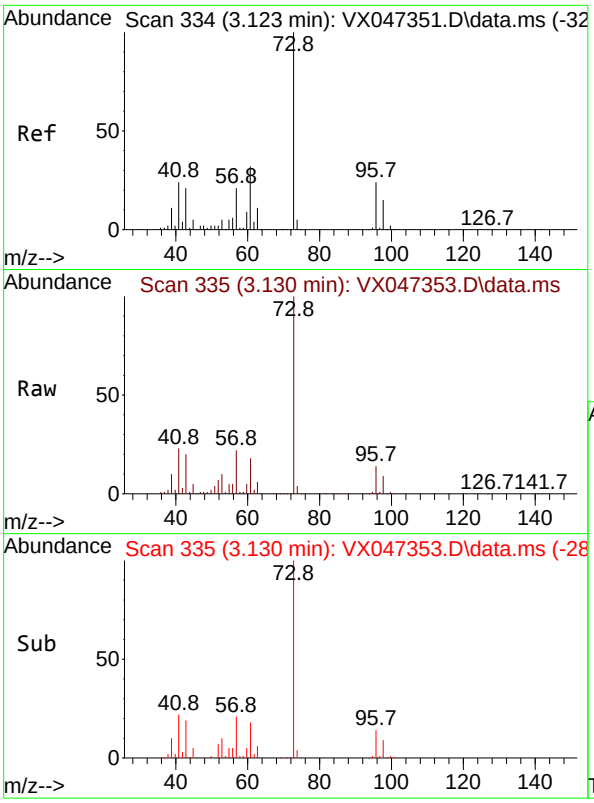


#18
Methyl Acetate
Concen: 160.309 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 43 Resp: 476497

Ion	Ratio	Lower	Upper
43	100		
74	23.3	18.4	27.6

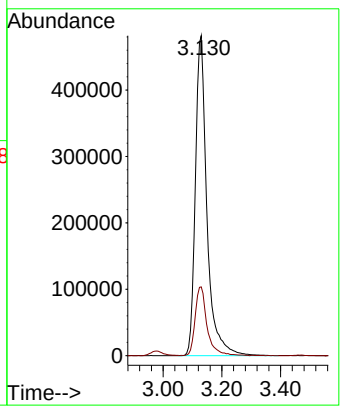




#19
Methyl tert-butyl Ether
Concen: 157.713 ug/l
RT: 3.130 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 73 Resp: 131716

Ion	Ratio	Lower	Upper
73	100		
57	21.5	17.0	25.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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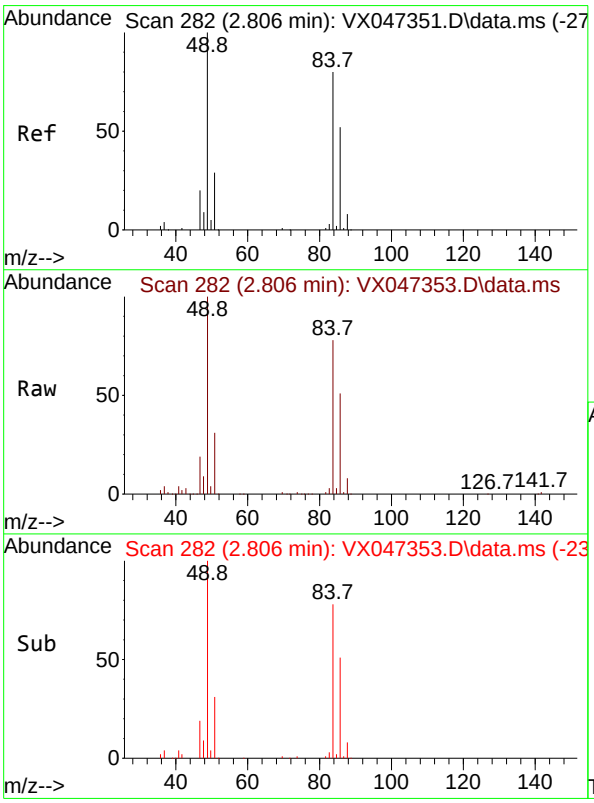
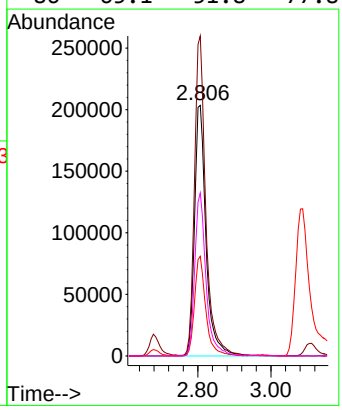
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

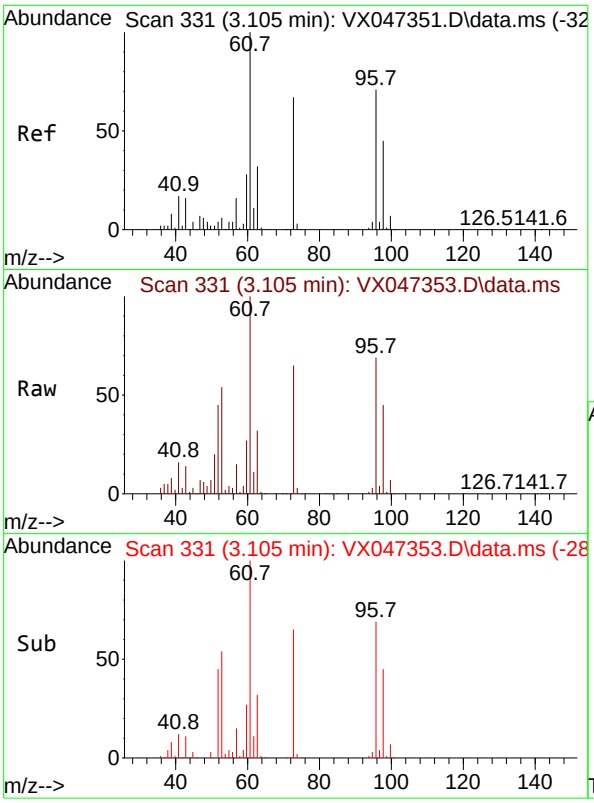


#20
Methylene Chloride
Concen: 147.242 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 84 Resp: 447216

Ion	Ratio	Lower	Upper
84	100		
49	127.5	100.1	150.1
51	39.7	29.5	44.3
86	65.1	51.8	77.8

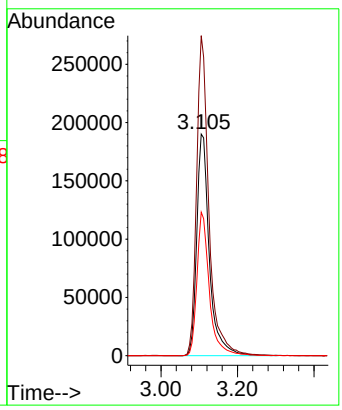




#21
trans-1,2-Dichloroethene
Concen: 149.166 ug/l
RT: 3.105 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 96 Resp: 43463

Ion	Ratio	Lower	Upper
96	100		
61	144.3	112.6	169.0
98	64.8	50.9	76.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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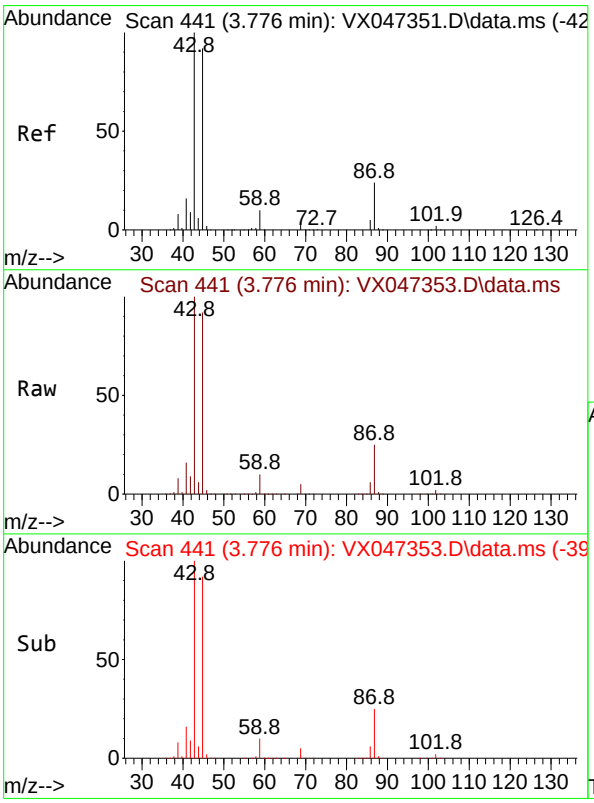
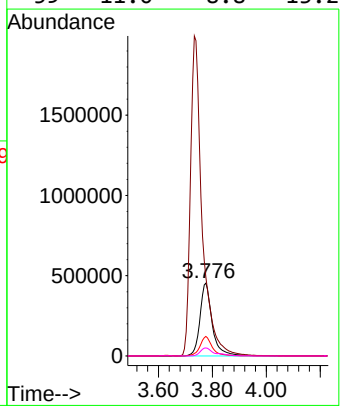
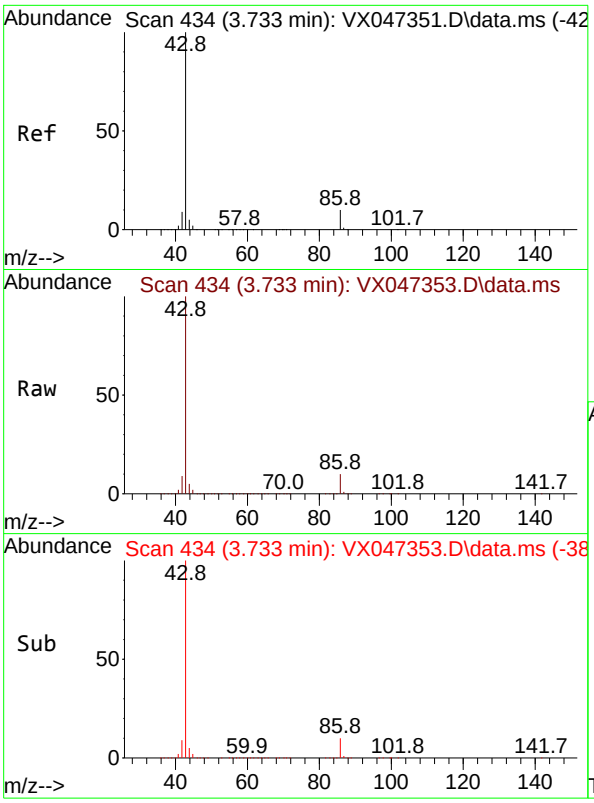


#22
Diisopropyl ether
Concen: 151.699 ug/l
RT: 3.776 min Scan# 441
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 45 Resp: 1429793

Ion	Ratio	Lower	Upper
45	100		
43	108.1	86.8	130.2
87	26.8	20.4	30.6
59	11.0	8.8	13.2

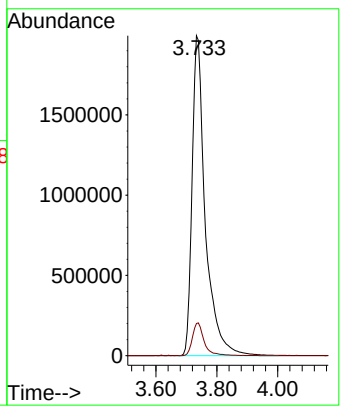




#23
Vinyl Acetate
Concen: 779.316 ug/l
RT: 3.733 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 43 Resp: 602047

Ion	Ratio	Lower	Upper
43	100		
86	10.0	7.9	11.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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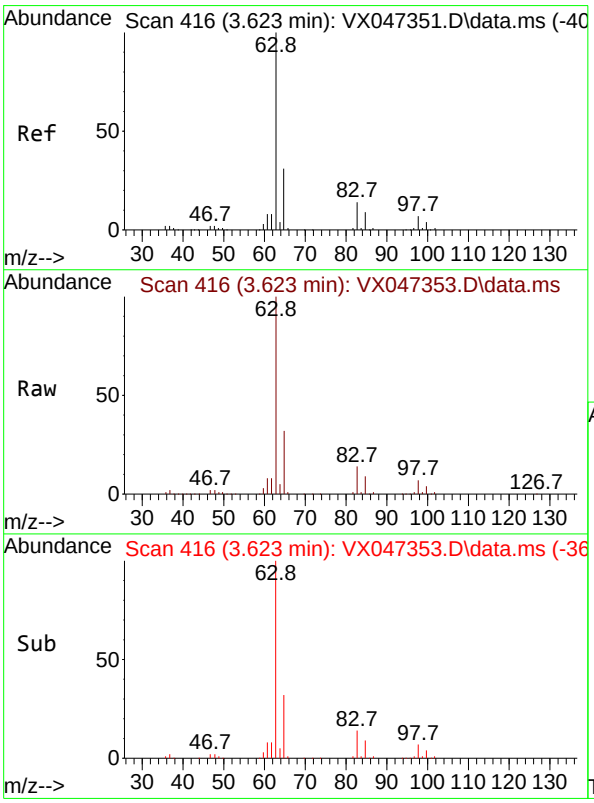
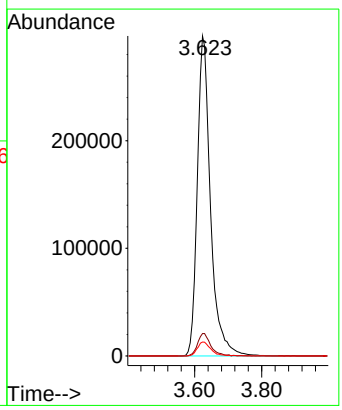
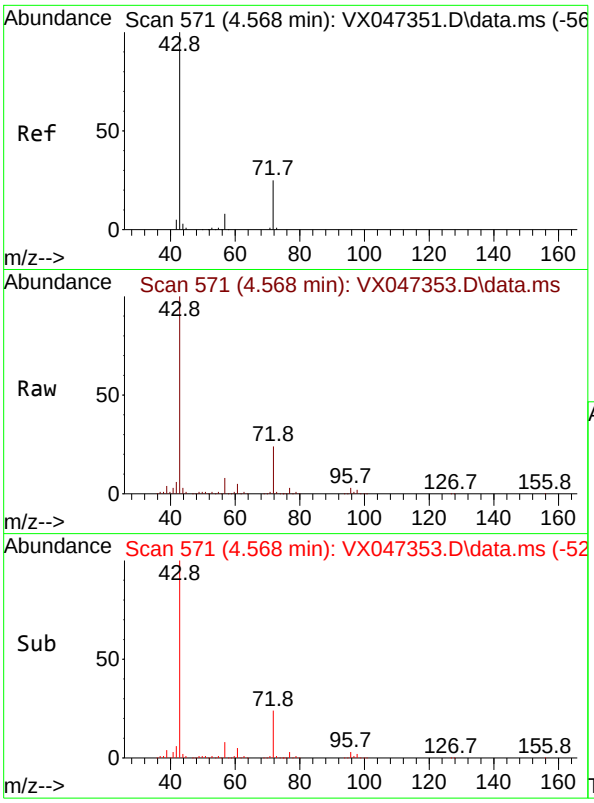


#24
1,1-Dichloroethane
Concen: 152.005 ug/l
RT: 3.623 min Scan# 416
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 63 Resp: 809793

Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.3	9.9
100	4.3	2.1	6.3





#25
2-Butanone
Concen: 747.433 ug/l
RT: 4.568 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 43 Resp: 112280

Ion	Ratio	Lower	Upper
43	100		
72	23.9	19.8	29.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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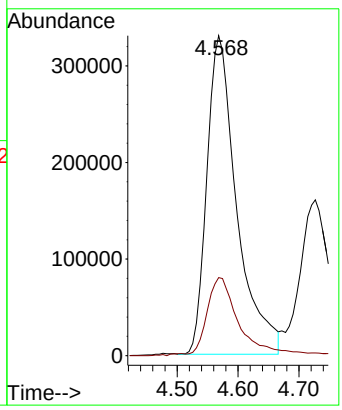
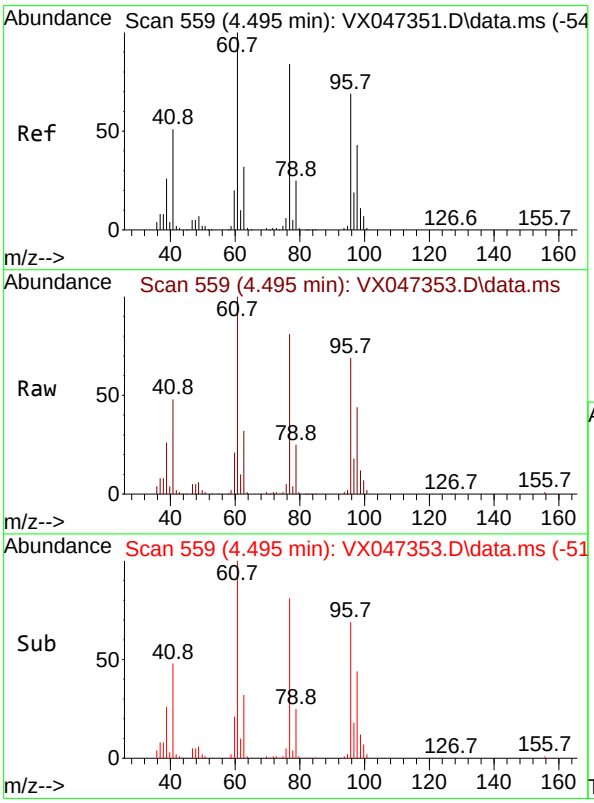
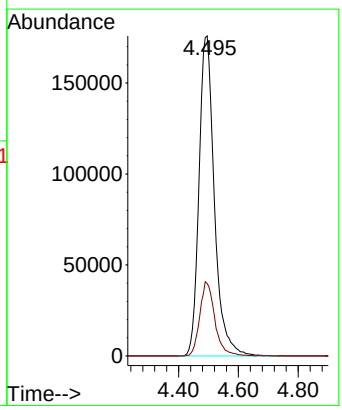


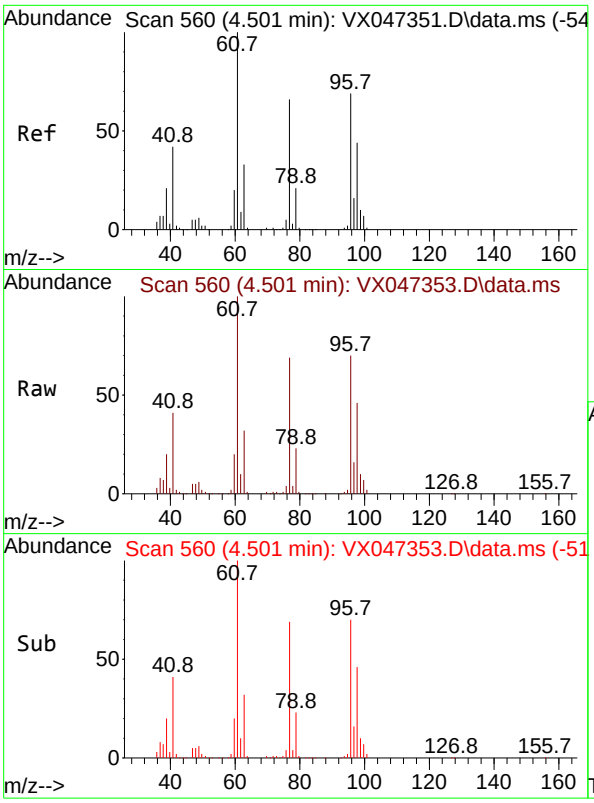


#26
2,2-Dichloropropane
Concen: 156.100 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 77 Resp: 627662

Ion	Ratio	Lower	Upper
77	100		
97	22.7	11.4	34.1

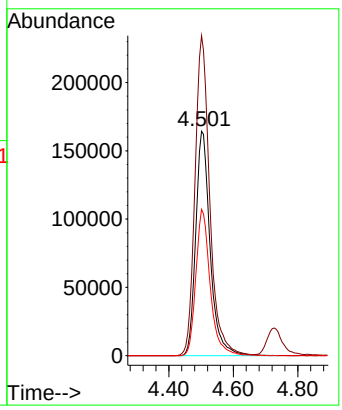




#27
cis-1,2-Dichloroethene
Concen: 150.154 ug/l
RT: 4.501 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 96 Resp: 50958

Ion	Ratio	Lower	Upper
96	100		
61	146.3	0.0	296.6
98	64.9	0.0	130.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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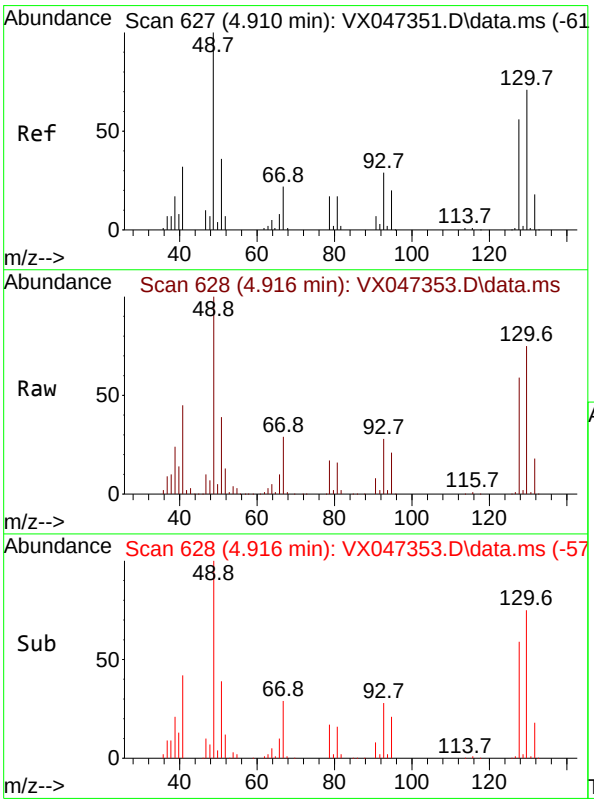
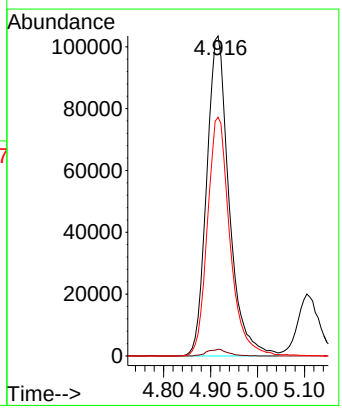
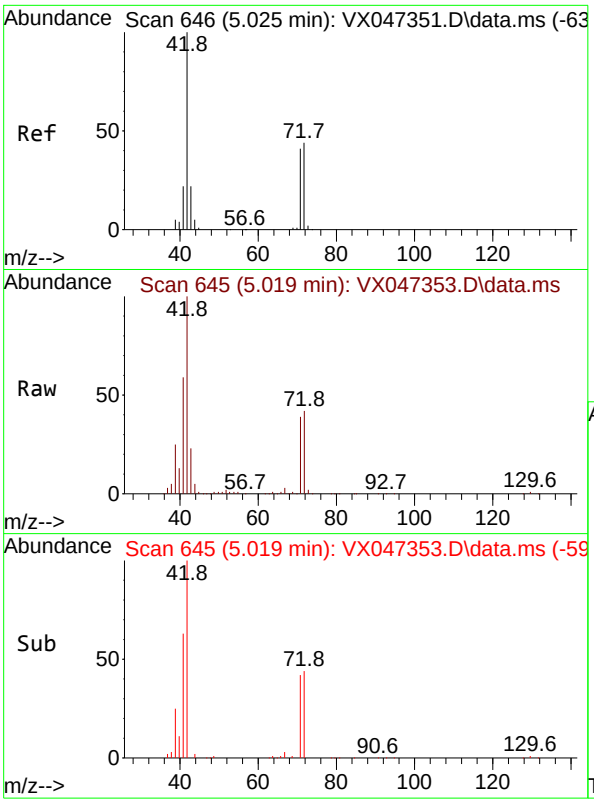


#28
Bromochloromethane
Concen: 154.839 ug/l
RT: 4.916 min Scan# 628
Delta R.T. 0.006 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 49 Resp: 343257

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	75.0	59.8	89.6





#29
Tetrahydrofuran
Concen: 739.017 ug/l
RT: 5.019 min Scan# 64
Delta R.T. -0.006 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 42 Resp: 71754

Ion	Ratio	Lower	Upper
42	100		
72	45.7	34.6	51.8
71	42.1	32.6	49.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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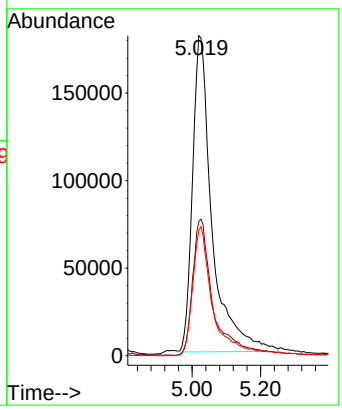
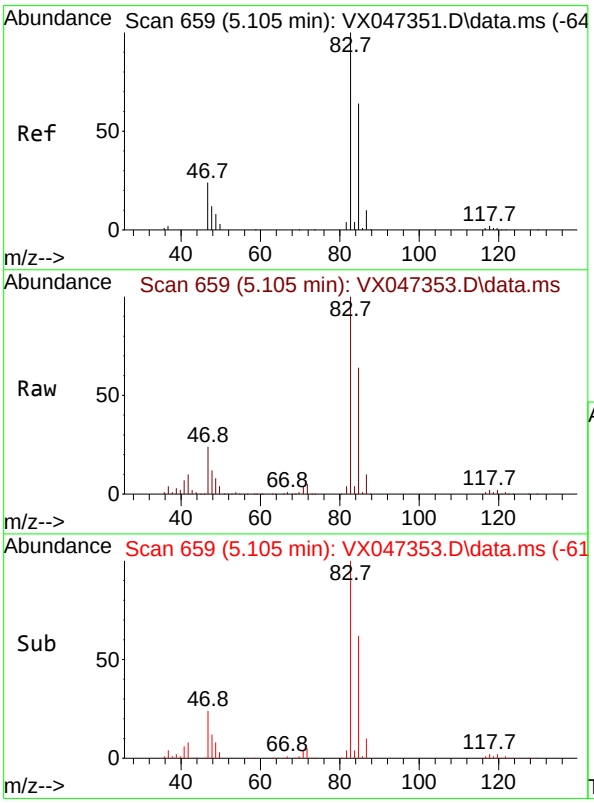
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

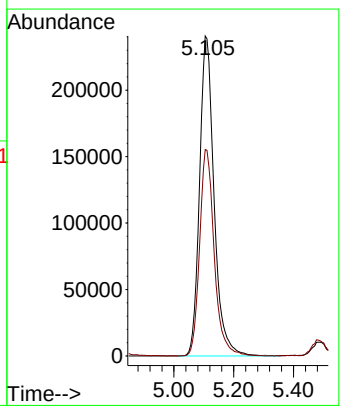


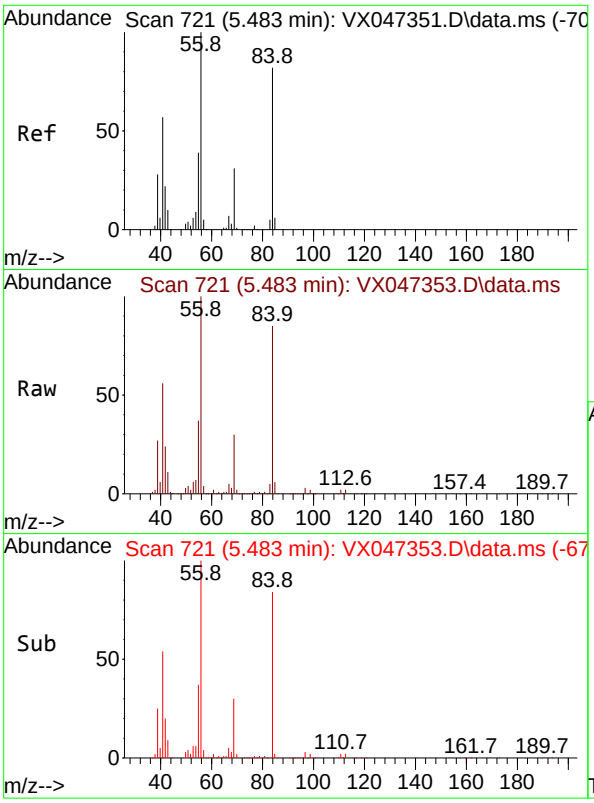


#30
Chloroform
Concen: 149.521 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 83 Resp: 812939

Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.2	76.8

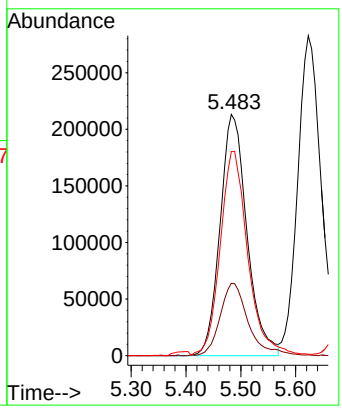




#31
Cyclohexane
Concen: 148.180 ug/l
RT: 5.483 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 56 Resp: 72770

Ion	Ratio	Lower	Upper
56	100		
69	29.6	24.3	36.5
84	83.0	65.3	97.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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Reviewed By :John Carlone 08/18/2025
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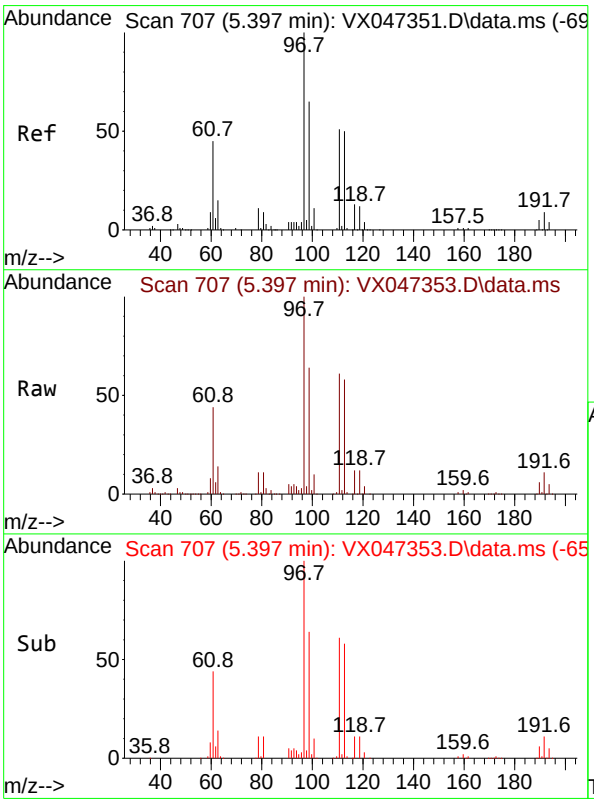
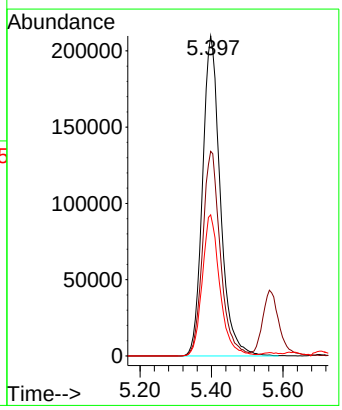
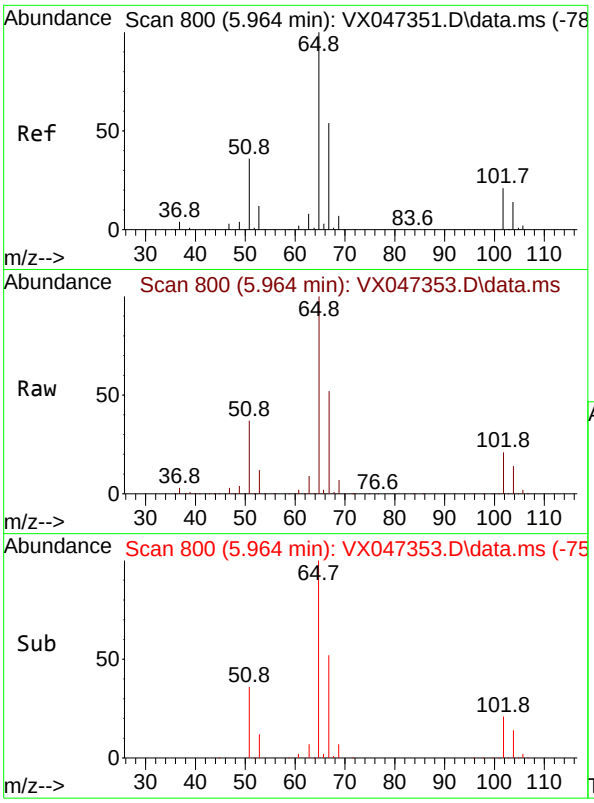


#32
1,1,1-Trichloroethane
Concen: 154.630 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 97 Resp: 723635

Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.4	77.0
61	43.8	35.7	53.5

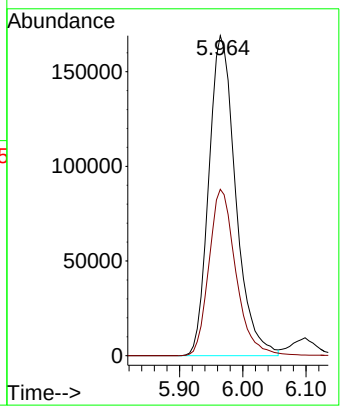




#33
1,2-Dichloroethane-d4
Concen: 163.328 ug/l
RT: 5.964 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 65 Resp: 49839

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	106.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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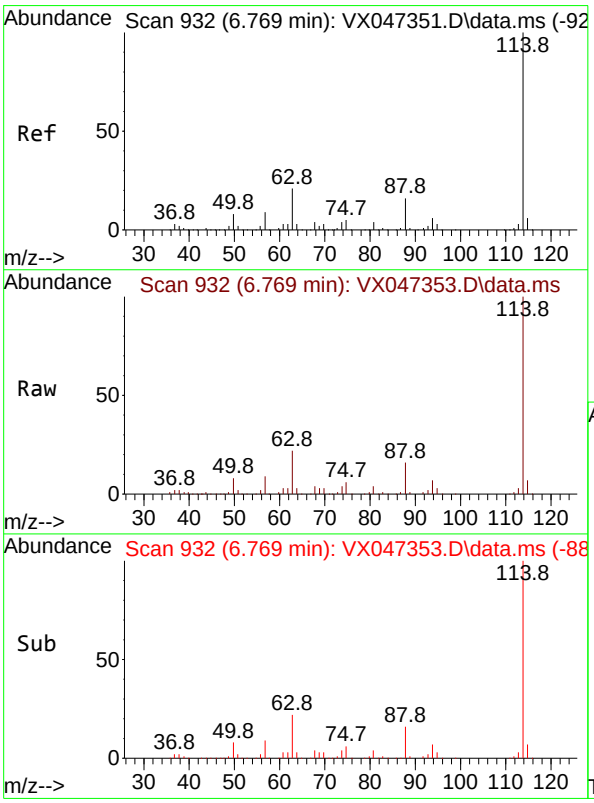
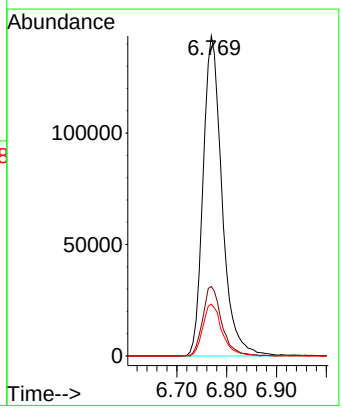
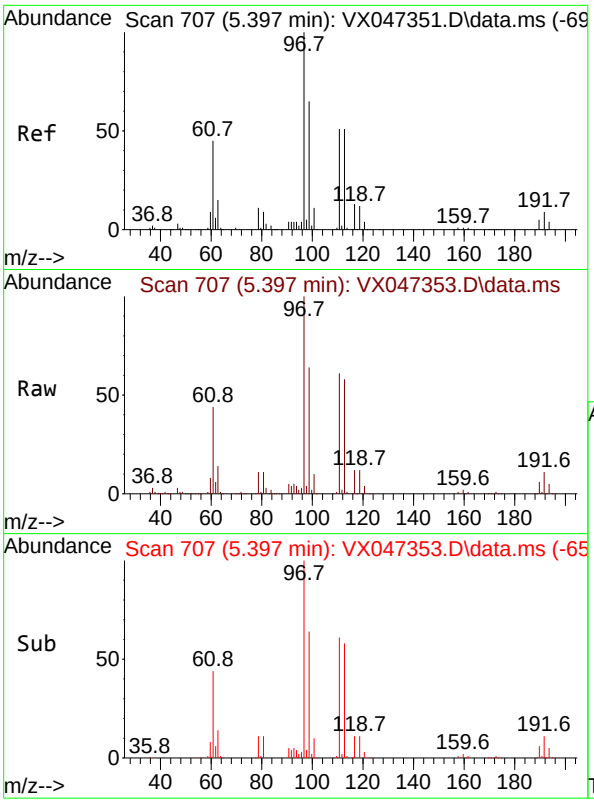


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion:114 Resp: 378315

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	42.4
88	16.2	0.0	33.0

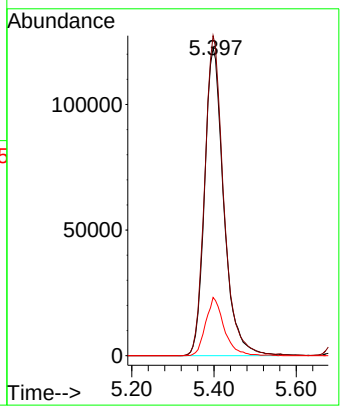




#35
Dibromofluoromethane
Concen: 161.390 ug/l
RT: 5.397 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion:113 Resp: 39626

Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.4	122.2
192	18.2	14.1	21.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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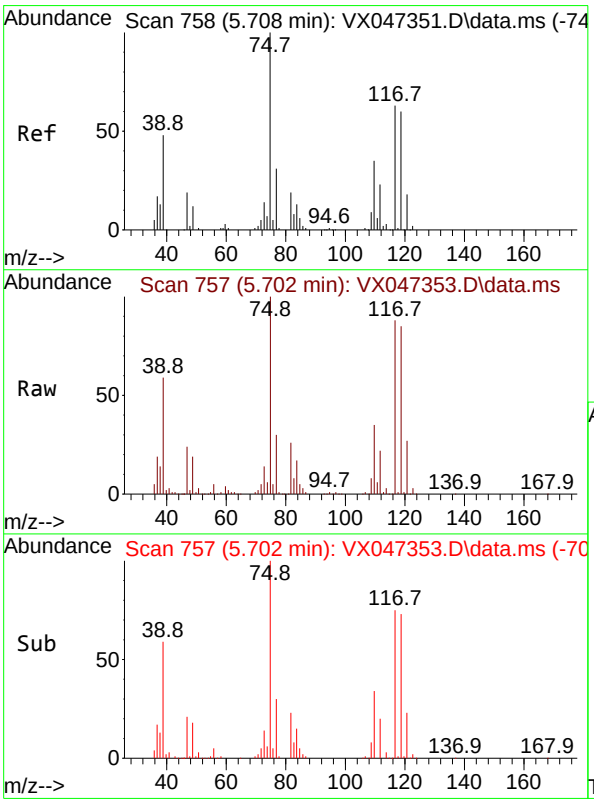
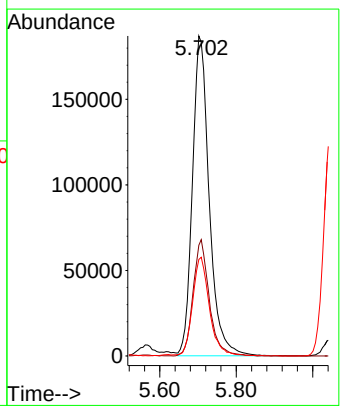
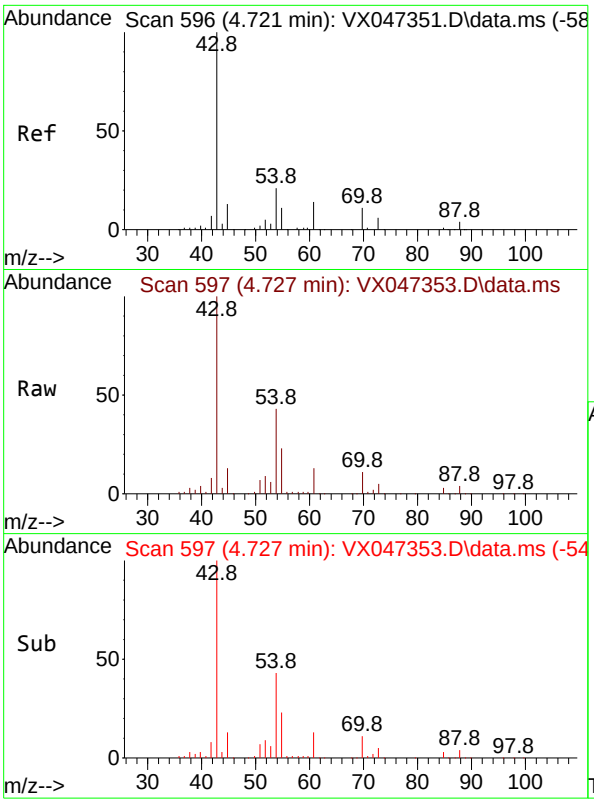


#36
1,1-Dichloropropene
Concen: 147.104 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.006 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 75 Resp: 570157

Ion	Ratio	Lower	Upper
75	100		
110	35.1	17.4	52.2
77	31.0	24.4	36.6





#37
Ethyl Acetate
Concen: 147.465 ug/l
RT: 4.727 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 43 Resp: 59336

Ion	Ratio	Lower	Upper
43	100		
61	10.7	9.4	14.2
70	9.6	7.0	10.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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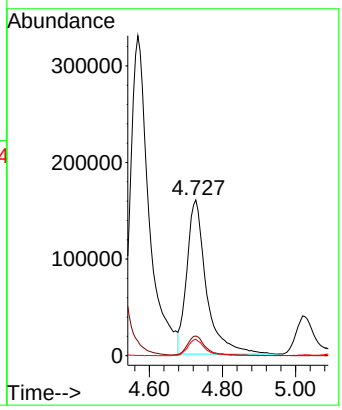
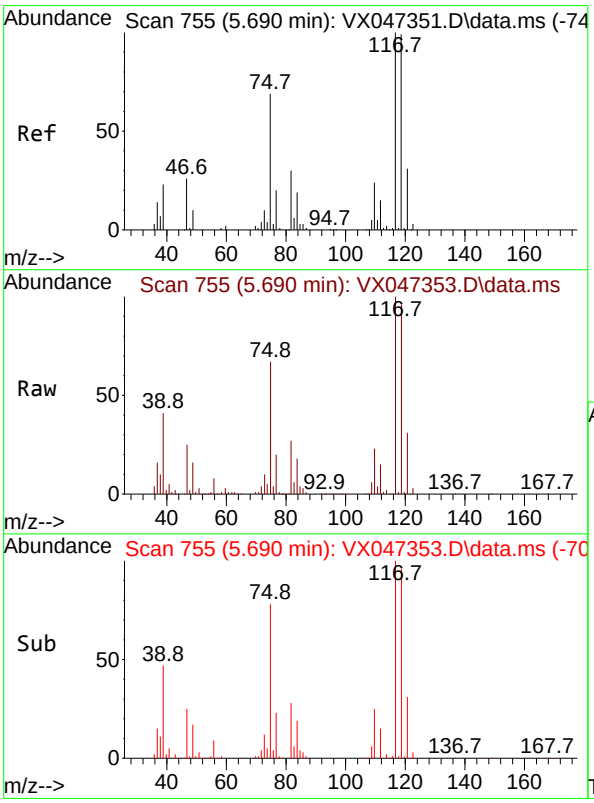
Supervised By :Mahesh Dadoda 08/19/2025

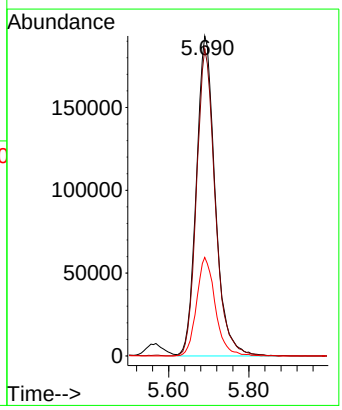


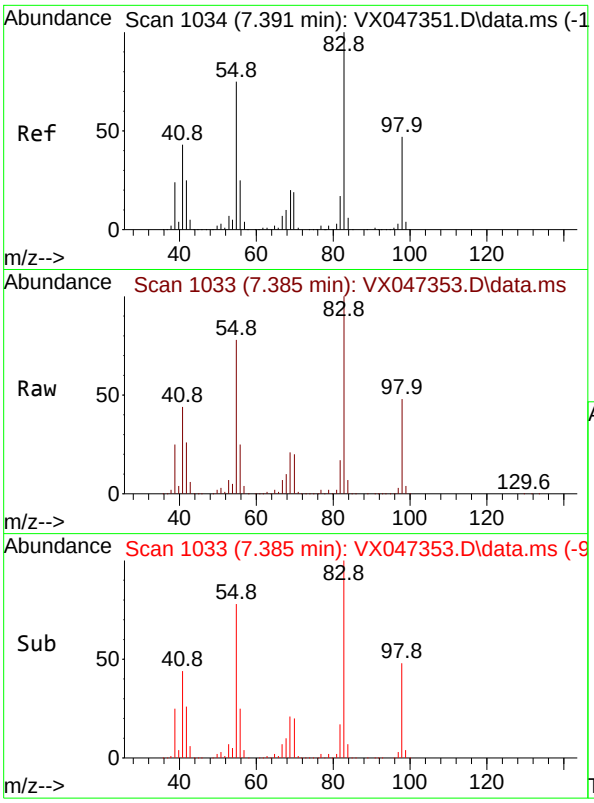


#38
Carbon Tetrachloride
Concen: 148.444 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion:117 Resp: 628733

Ion	Ratio	Lower	Upper
117	100		
119	96.0	78.5	117.7
121	30.8	24.7	37.1

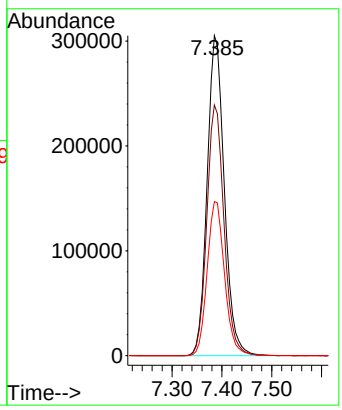




#39
Methylcyclohexane
Concen: 150.814 ug/l
RT: 7.385 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 83 Resp: 72912

Ion	Ratio	Lower	Upper
83	100		
55	78.4	60.0	90.0
98	48.1	37.2	55.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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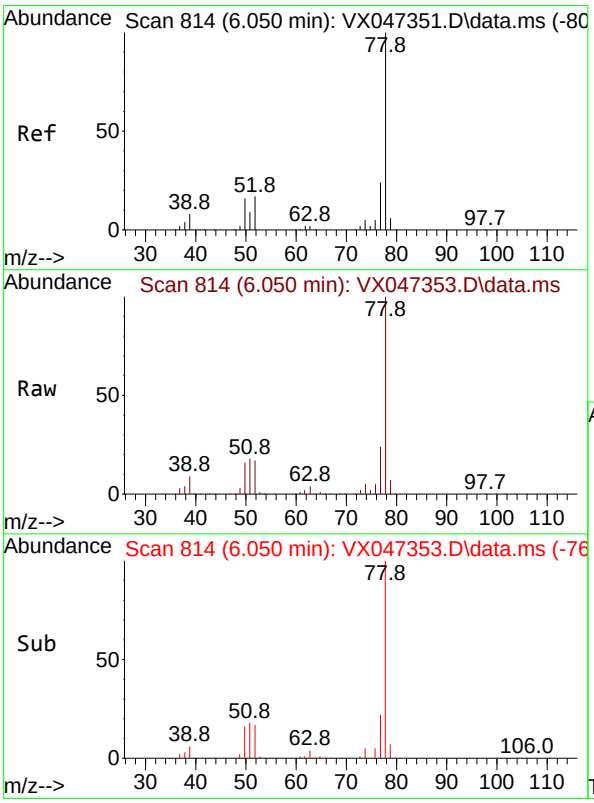
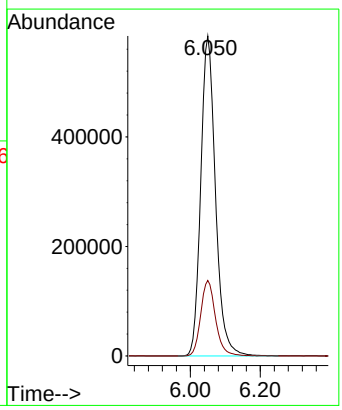
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

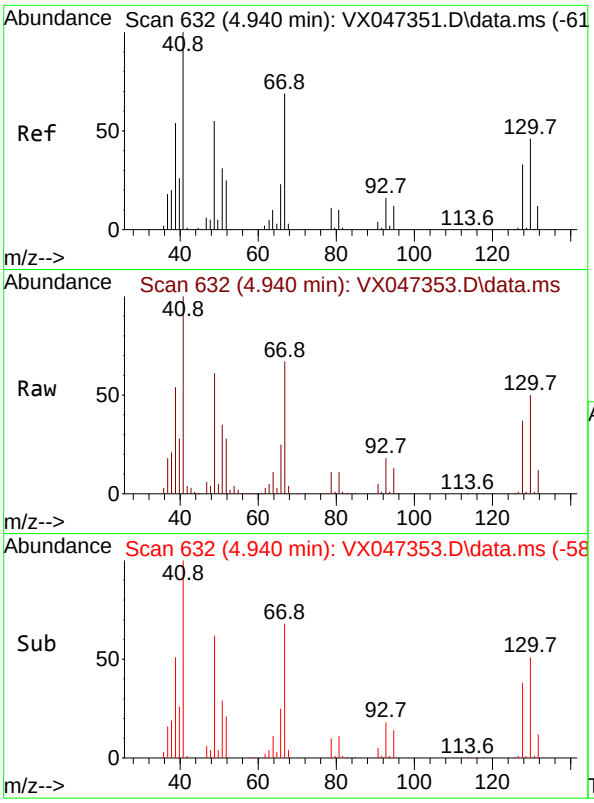


#40
Benzene
Concen: 147.130 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 78 Resp: 1706889

Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.0	28.4

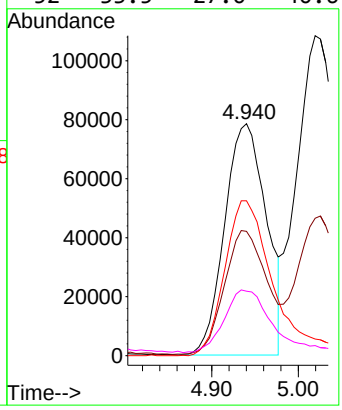




#41
Methacrylonitrile
Concen: 154.600 ug/l
RT: 4.940 min Scan# 6
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 41 Resp: 26232

Ion	Ratio	Lower	Upper
41	100		
39	53.5	45.4	68.2
67	81.1	64.0	96.0
52	33.5	27.0	40.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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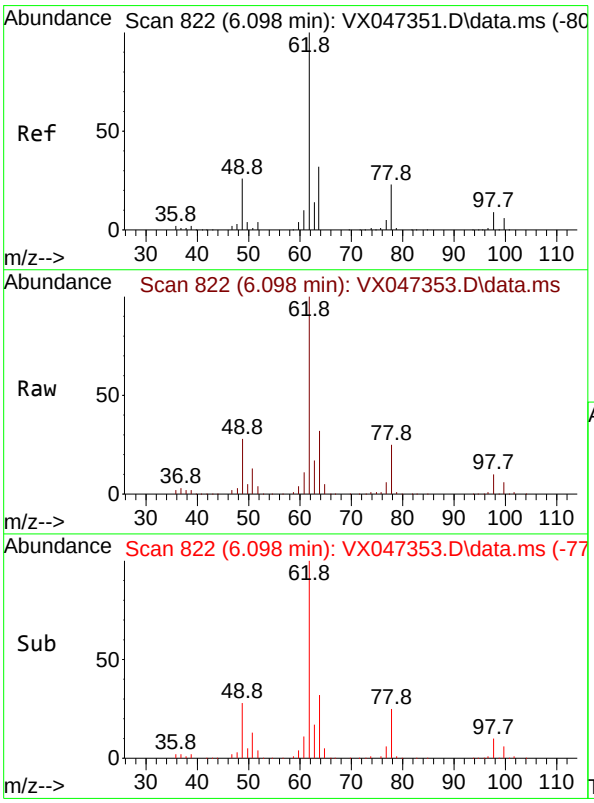
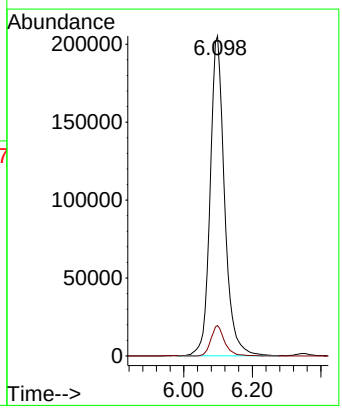
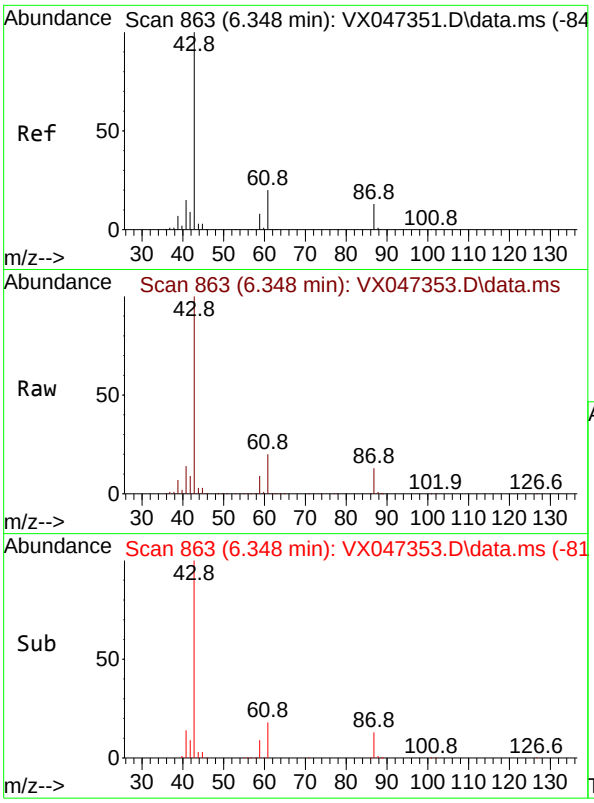


#42
1,2-Dichloroethane
Concen: 145.829 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 62 Resp: 599255

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.0

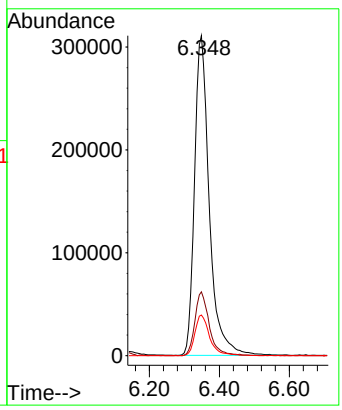




#43
Isopropyl Acetate
Concen: 157.486 ug/l
RT: 6.348 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 43 Resp: 91034

Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.4	23.0
87	12.7	10.2	15.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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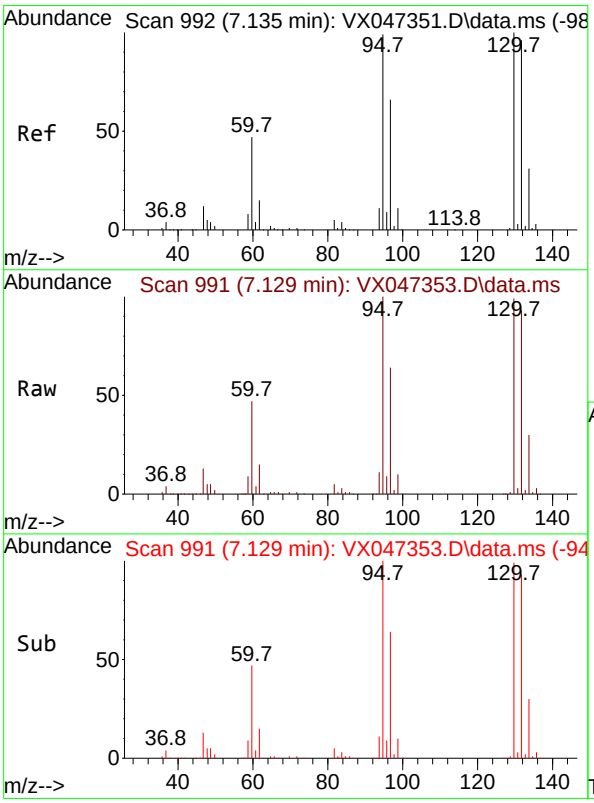
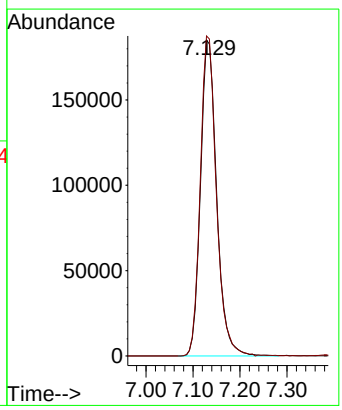
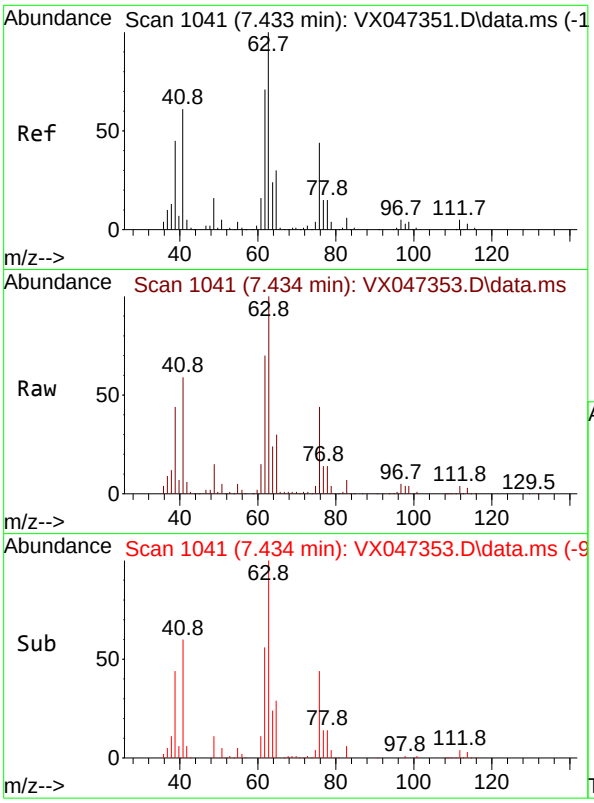


#44
Trichloroethene
Concen: 149.252 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion:130 Resp: 443361

Ion	Ratio	Lower	Upper
130	100		
95	101.2	0.0	198.6

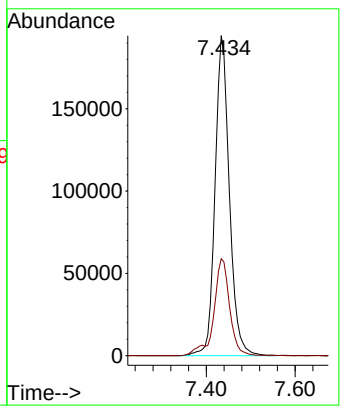




#45
1,2-Dichloropropane
Concen: 149.161 ug/l
RT: 7.434 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 63 Resp: 43351

Ion	Ratio	Lower	Upper
63	100		
65	30.3	23.8	35.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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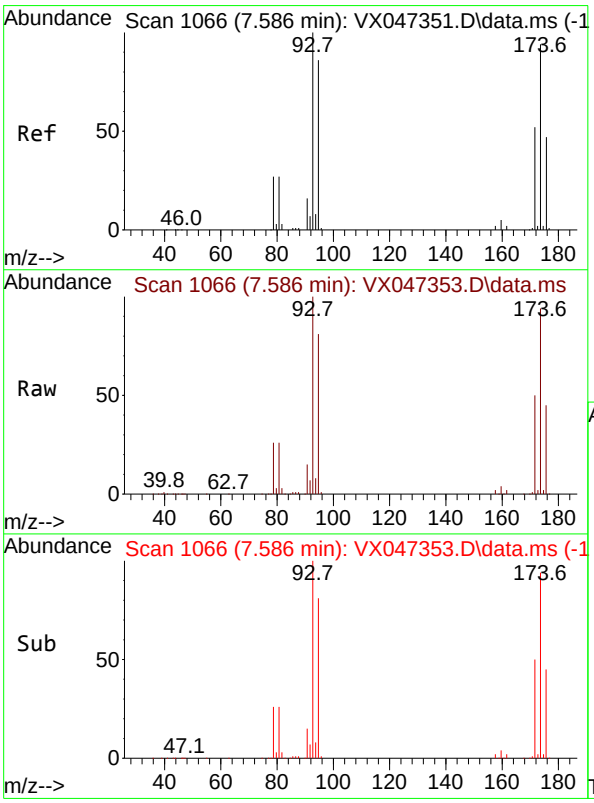
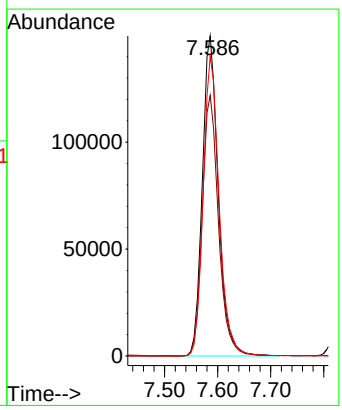
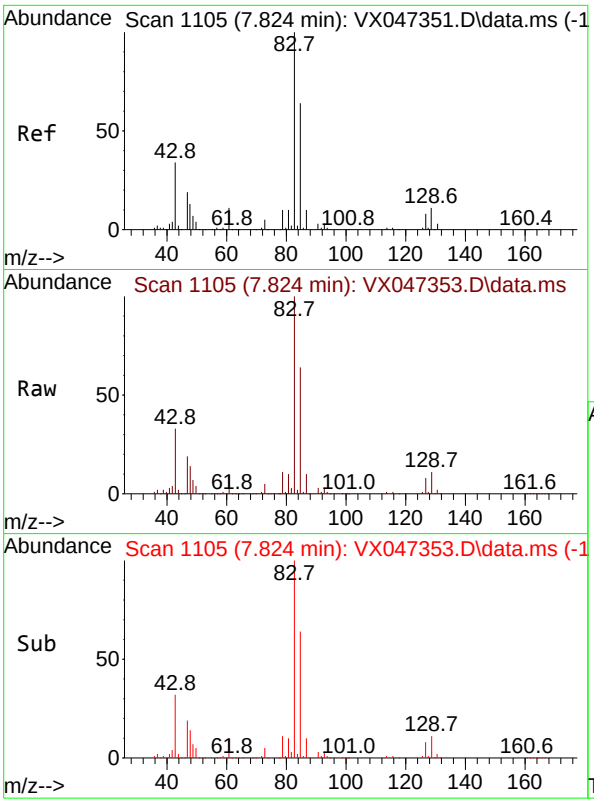


#46
Dibromomethane
Concen: 148.288 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 93 Resp: 312886

Ion	Ratio	Lower	Upper
93	100		
95	82.9	68.0	102.0
174	93.9	75.8	113.6

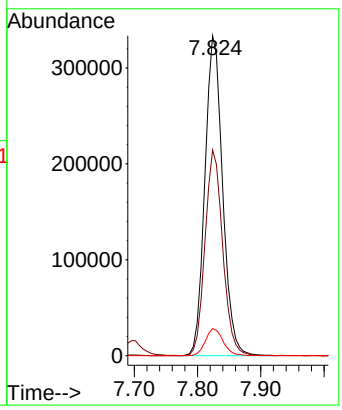




#47
Bromodichloromethane
Concen: 148.773 ug/l
RT: 7.824 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 83 Resp: 65076

Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.0	76.6
127	8.5	7.0	10.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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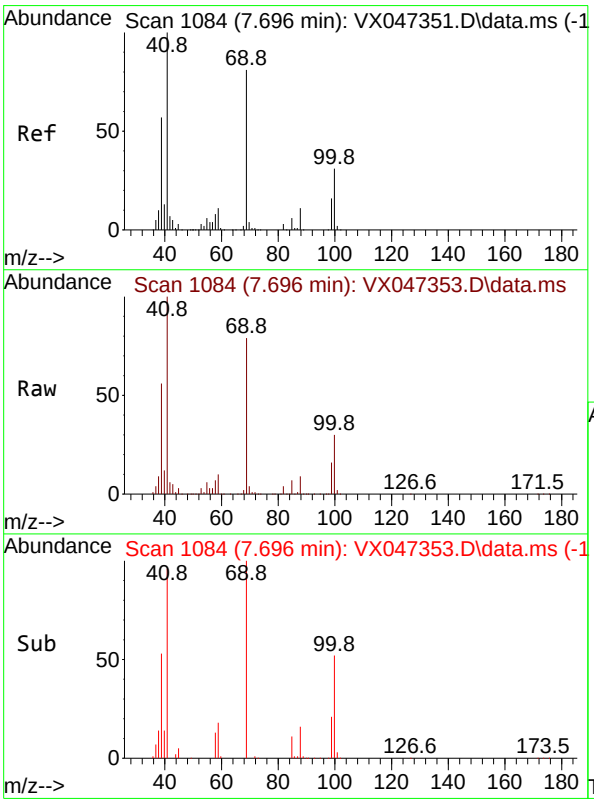
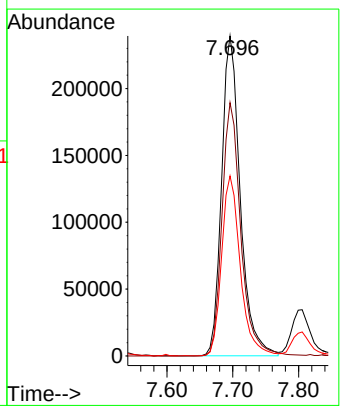
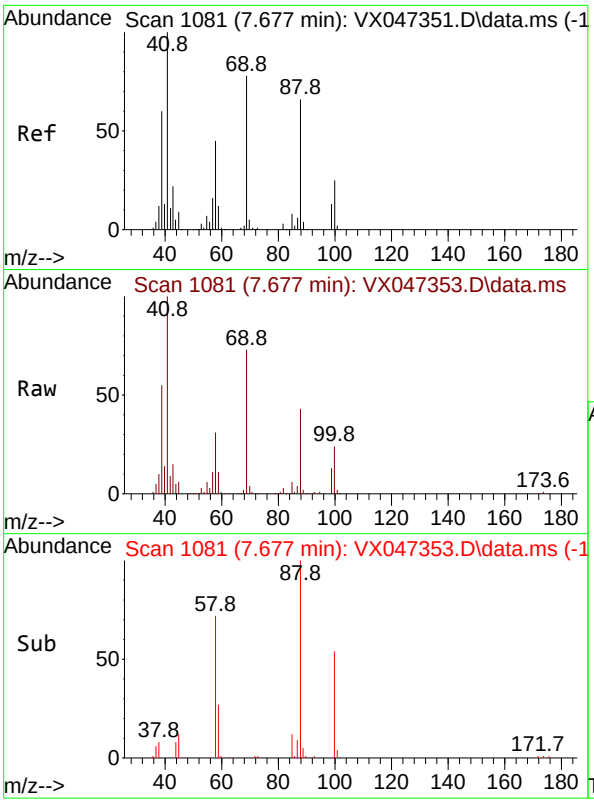


#48
Methyl methacrylate
Concen: 157.749 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 41 Resp: 473316

Ion	Ratio	Lower	Upper
41	100		
69	80.0	65.0	97.4
39	56.4	45.7	68.5

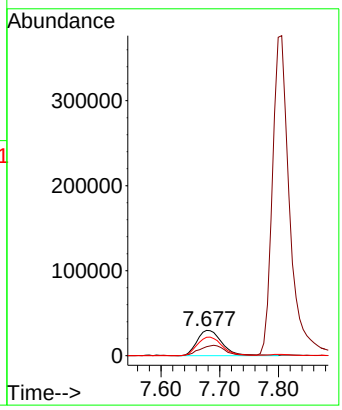




#49
1,4-Dioxane
Concen: 3105.263 ug/l
RT: 7.677 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 88 Resp: 8848

Ion	Ratio	Lower	Upper
88	100		
43	42.2	32.4	48.6
58	73.1	56.9	85.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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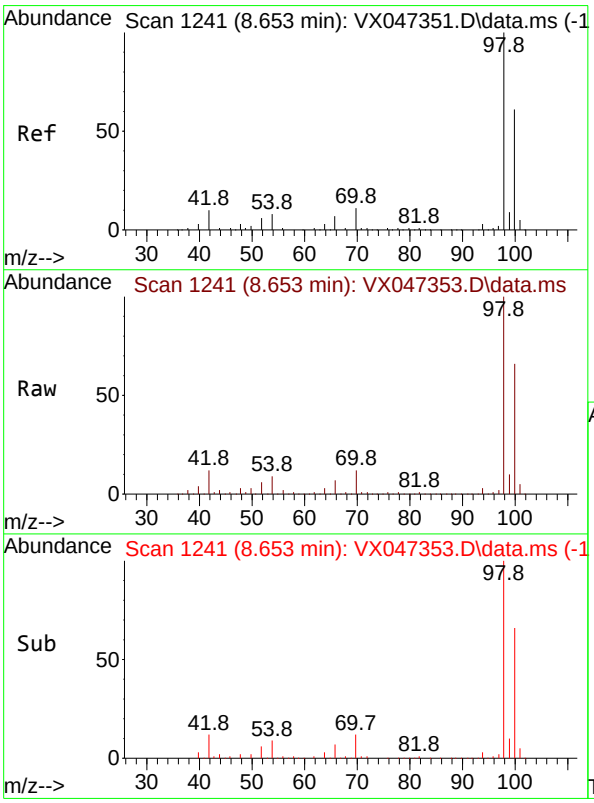
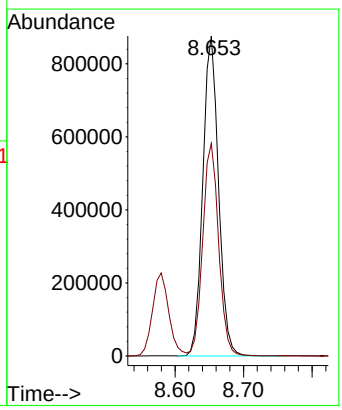
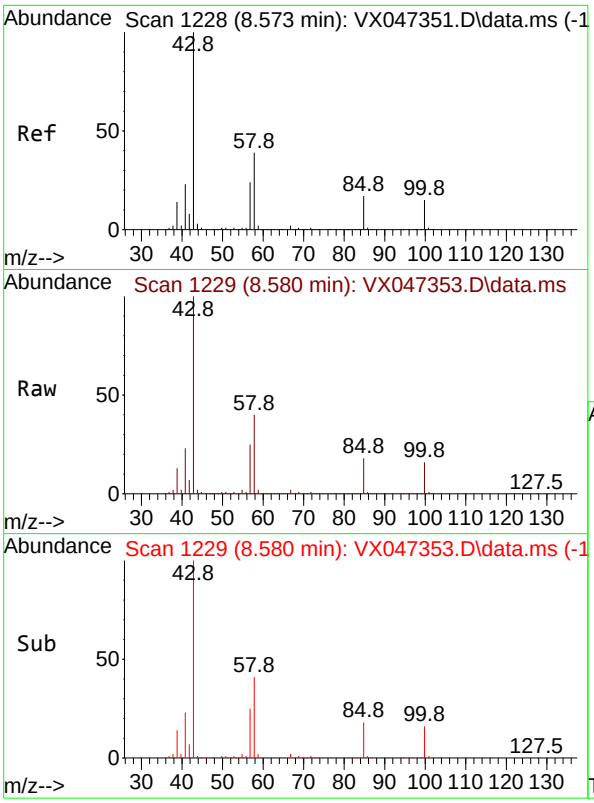


#50
Toluene-d8
Concen: 159.272 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 98 Resp: 1397755

Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.9	80.9

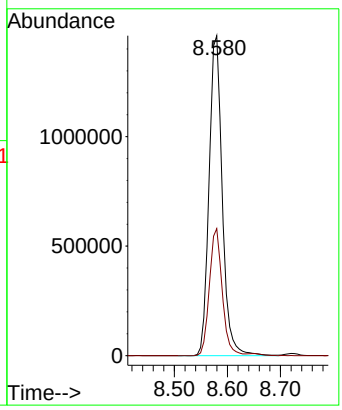




#51
4-Methyl-2-Pentanone
Concen: 757.992 ug/l
RT: 8.580 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 43 Resp: 252140

Ion	Ratio	Lower	Upper
43	100		
58	38.7	31.2	46.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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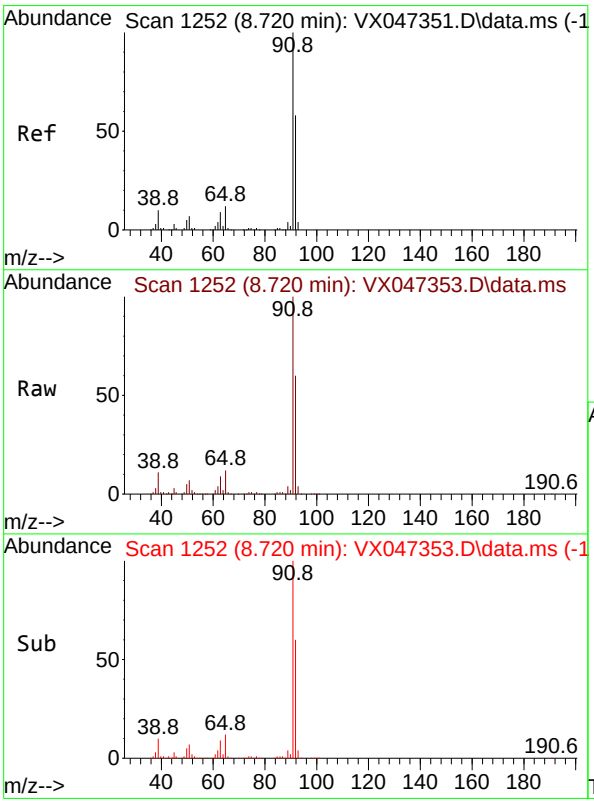
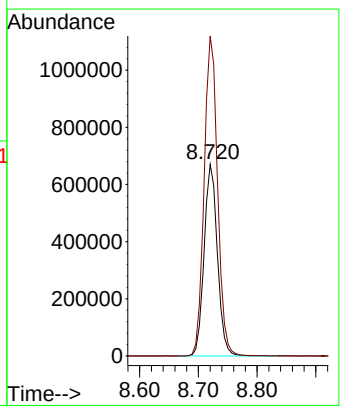
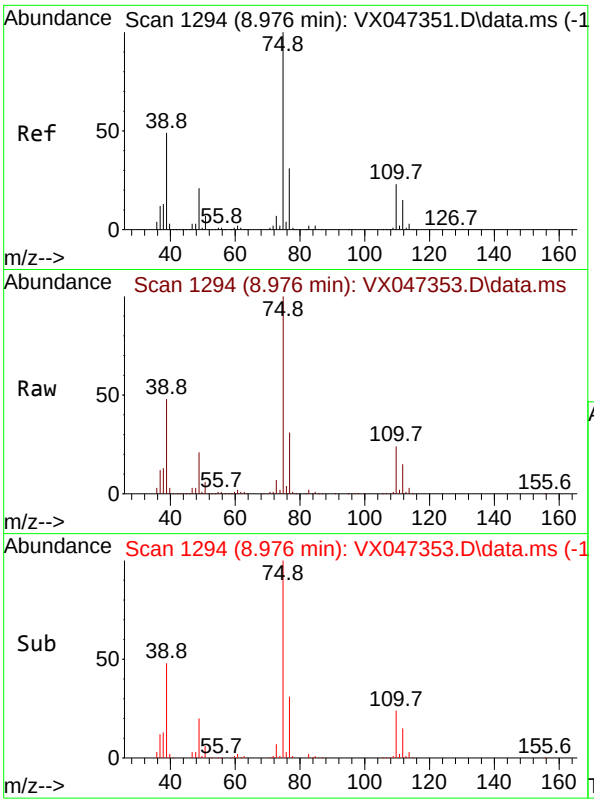


#52
Toluene
Concen: 146.750 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 92 Resp: 1052008

Ion	Ratio	Lower	Upper
92	100		
91	168.9	136.3	204.5

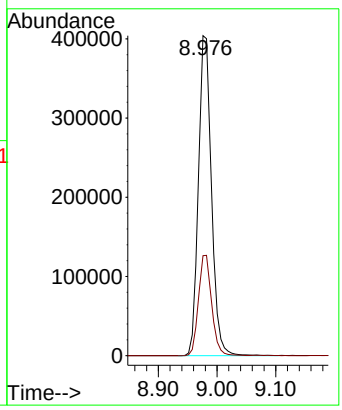




#53
t-1,3-Dichloropropene
Concen: 163.583 ug/l
RT: 8.976 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 75 Resp: 62449

Ion	Ratio	Lower	Upper
75	100		
77	31.3	24.7	37.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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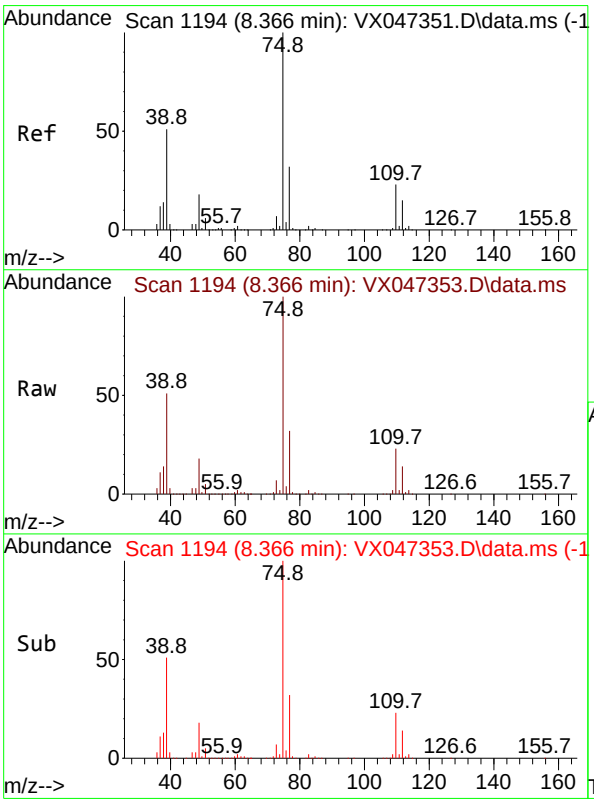
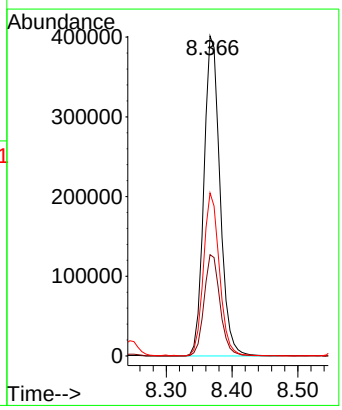
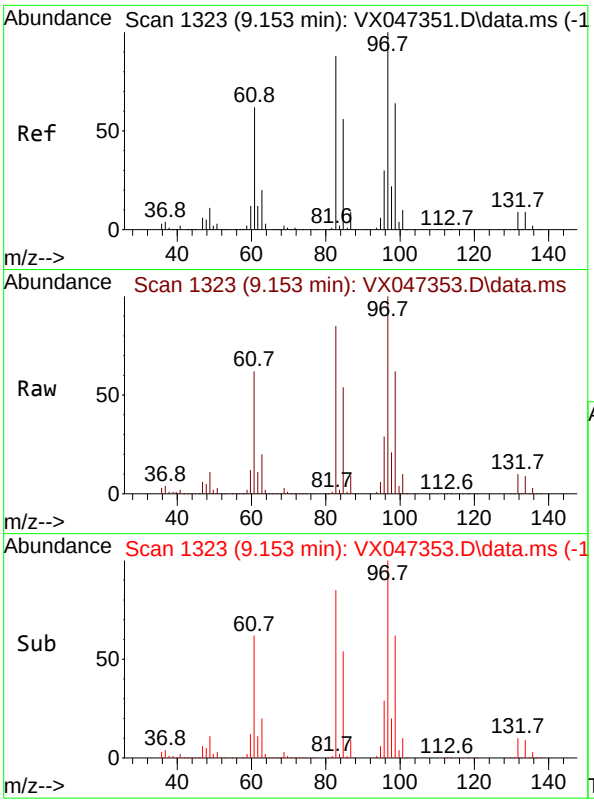


#54
cis-1,3-Dichloropropene
Concen: 158.029 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 75 Resp: 682860

Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.6	38.4
39	50.9	40.9	61.3

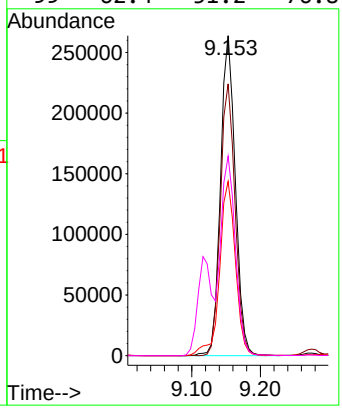




#55
1,1,2-Trichloroethane
Concen: 144.868 ug/l
RT: 9.153 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 97 Resp: 39430

Ion	Ratio	Lower	Upper
97	100		
83	85.0	70.6	106.0
85	54.5	44.7	67.1
99	62.4	51.2	76.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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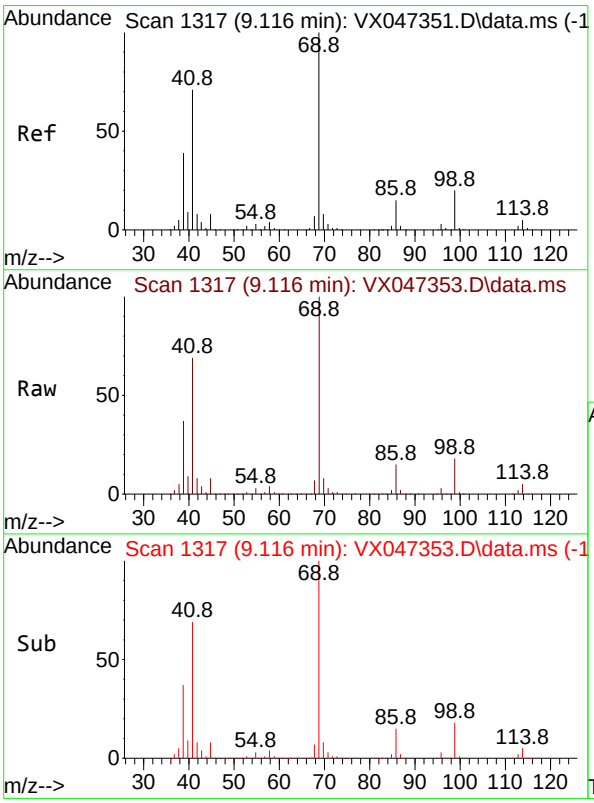
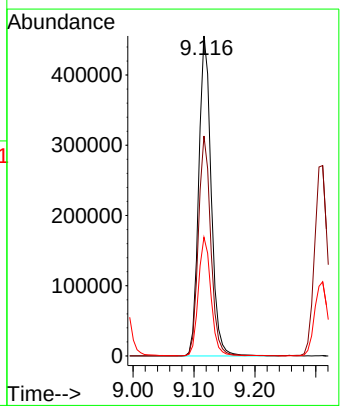
Supervised By :Mahesh Dadoda 08/19/2025

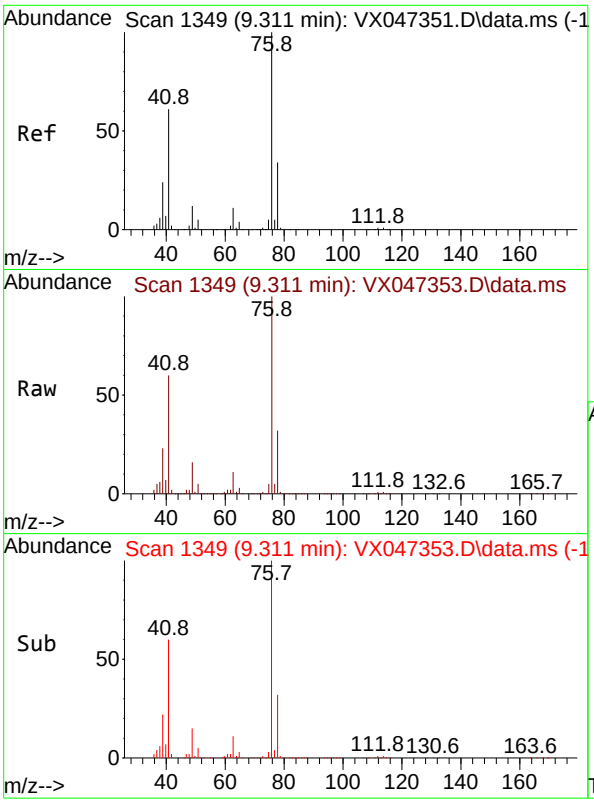


#56
Ethyl methacrylate
Concen: 161.020 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 69 Resp: 646154

Ion	Ratio	Lower	Upper
69	100		
41	68.4	55.3	82.9
39	37.1	30.2	45.2





#57
1,3-Dichloropropane
Concen: 144.911 ug/l
RT: 9.311 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 76 Resp: 67208

Ion	Ratio	Lower	Upper
76	100		
78	32.3	26.2	39.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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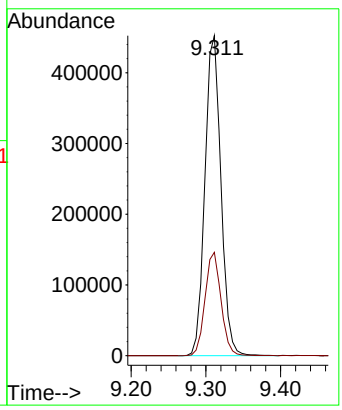
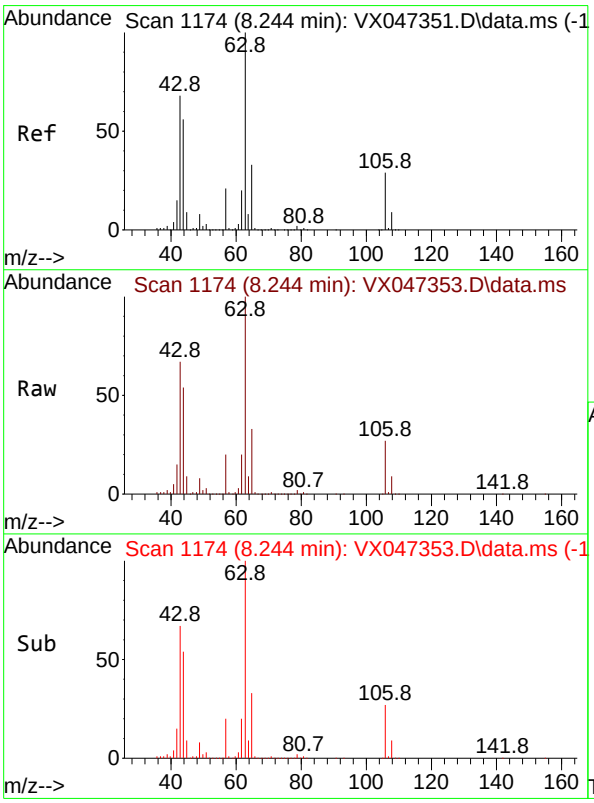
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

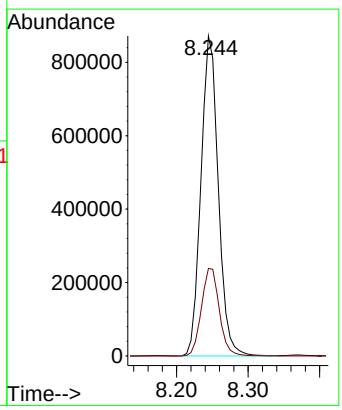


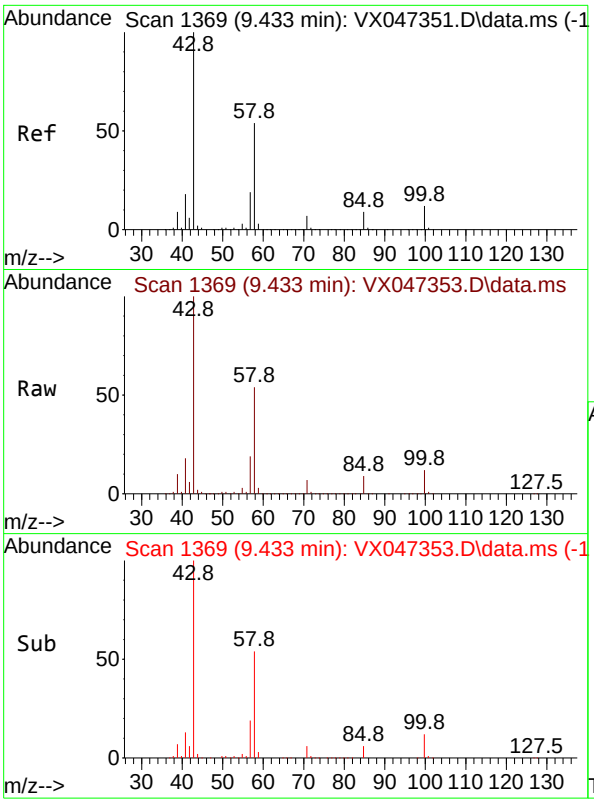


#58
2-Chloroethyl Vinyl ether
Concen: 748.853 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 63 Resp: 1468000

Ion	Ratio	Lower	Upper
63	100		
106	28.2	22.8	34.2





#59
2-Hexanone
Concen: 755.168 ug/l
RT: 9.433 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 43 Resp: 173761

Ion	Ratio	Lower	Upper
43	100		
58	53.9	26.9	80.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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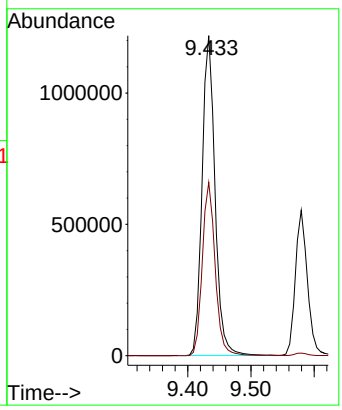
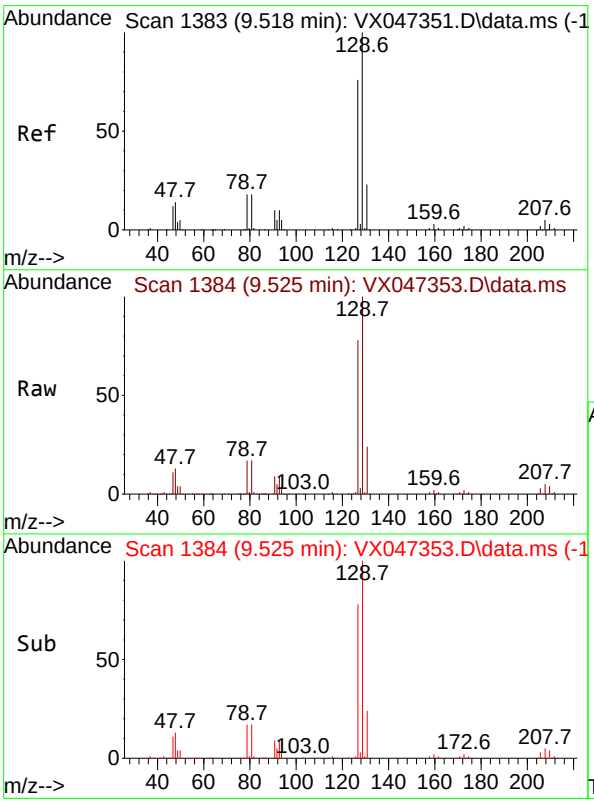
Supervised By :Mahesh Dadoda 08/19/2025

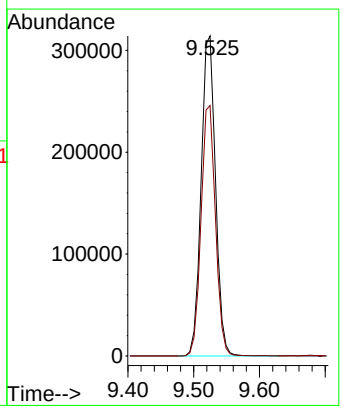


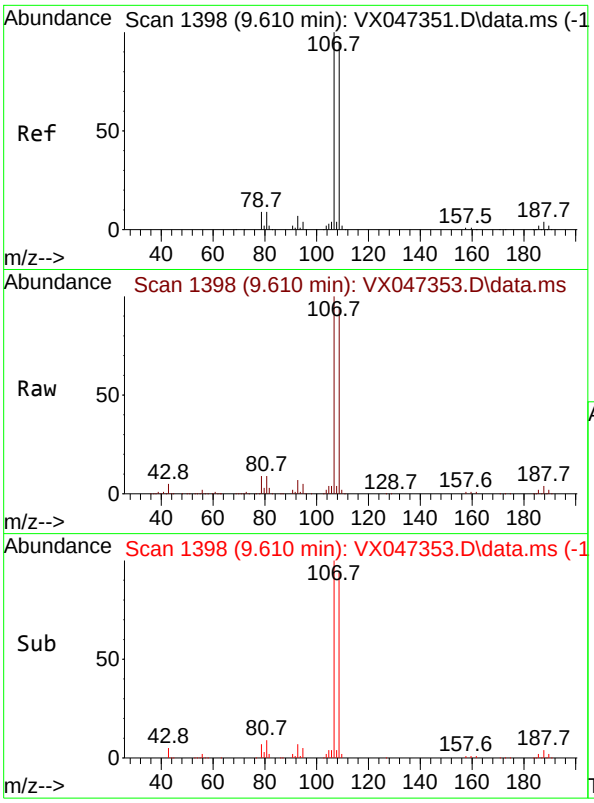


#60
Dibromochloromethane
Concen: 147.358 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion:129 Resp: 476650

Ion	Ratio	Lower	Upper
129	100		
127	78.5	38.9	116.6





#61
1,2-Dibromoethane
Concen: 146.099 ug/l
RT: 9.610 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion:107 Resp: 41005

Ion	Ratio	Lower	Upper
107	100		
109	94.5	76.2	114.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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Reviewed By :John Carlone 08/18/2025
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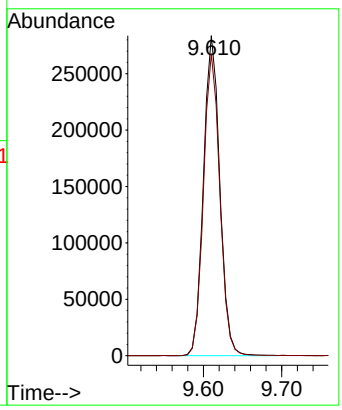
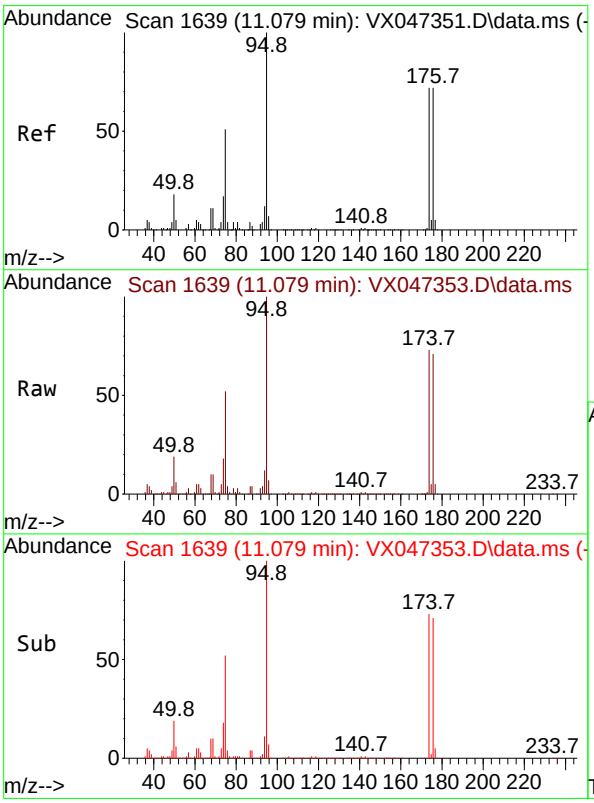
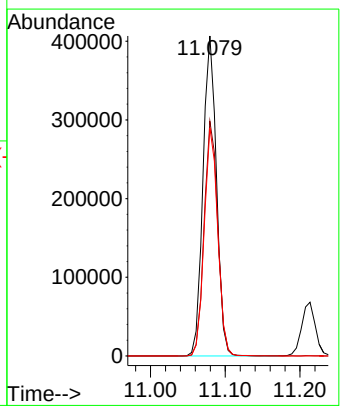


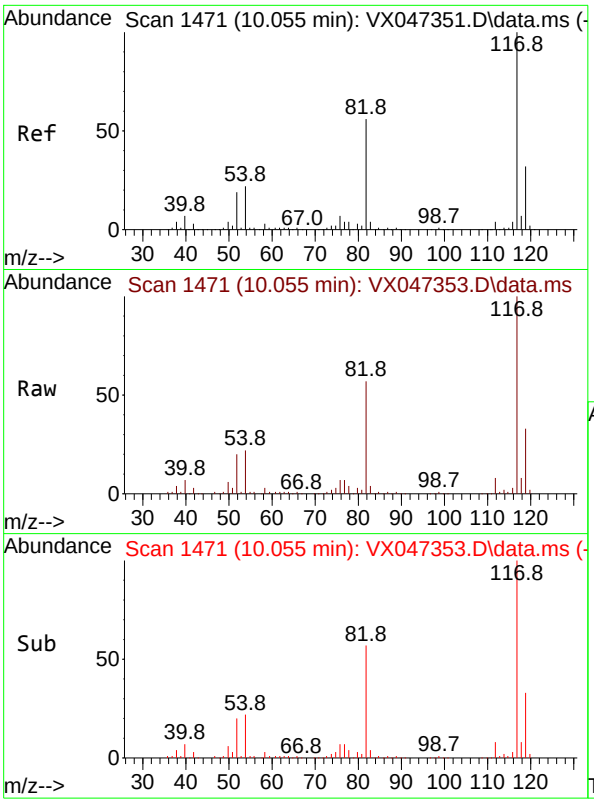


#62
4-Bromofluorobenzene
Concen: 157.125 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 95 Resp: 508844

Ion	Ratio	Lower	Upper
95	100		
174	74.2	0.0	148.0
176	71.3	0.0	145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion:117 Resp: 33009

Ion	Ratio	Lower	Upper
117	100		
82	56.7	45.0	67.4
119	32.7	25.8	38.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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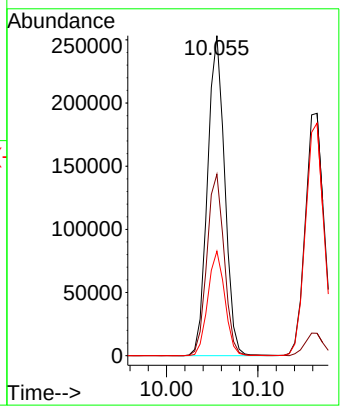
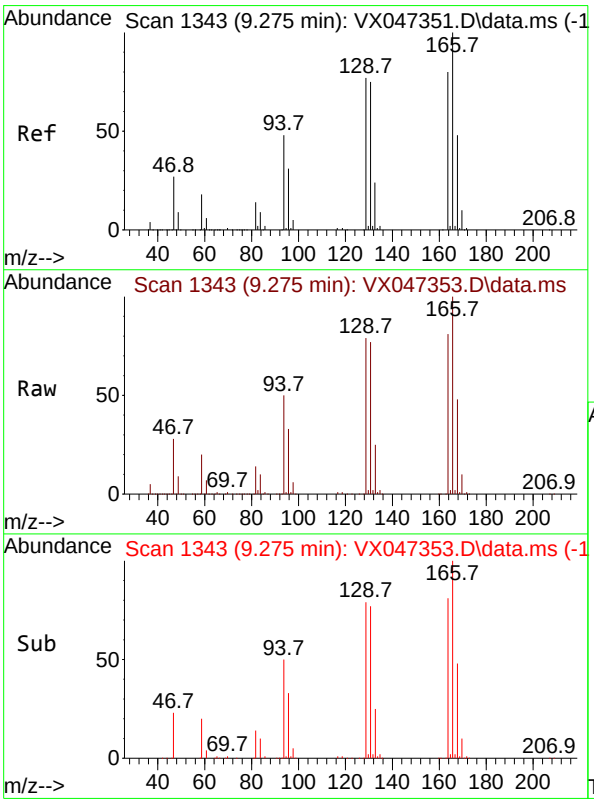
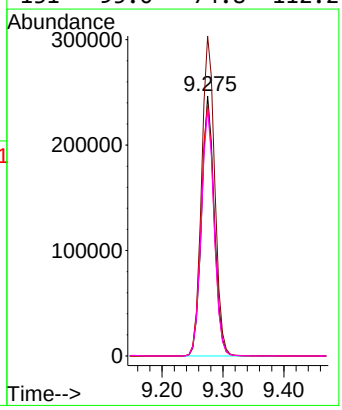


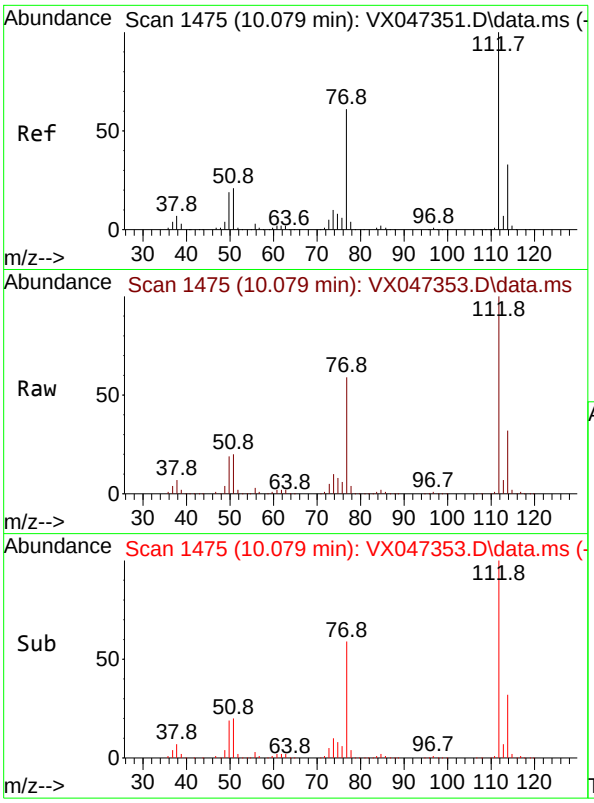


#64
Tetrachloroethene
Concen: 149.518 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion:164 Resp: 356989

Ion	Ratio	Lower	Upper
164	100		
166	123.0	100.3	150.5
129	96.8	77.7	116.5
131	95.0	74.8	112.2





#65
Chlorobenzene
Concen: 148.370 ug/l
RT: 10.079 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion:112 Resp: 116384

Ion	Ratio	Lower	Upper
112	100		
114	32.4	26.4	39.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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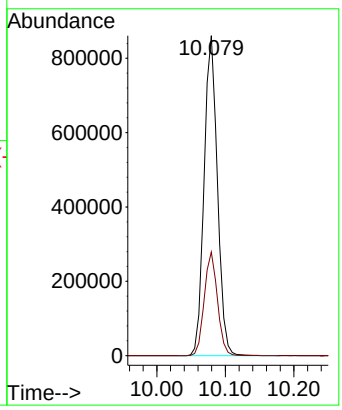
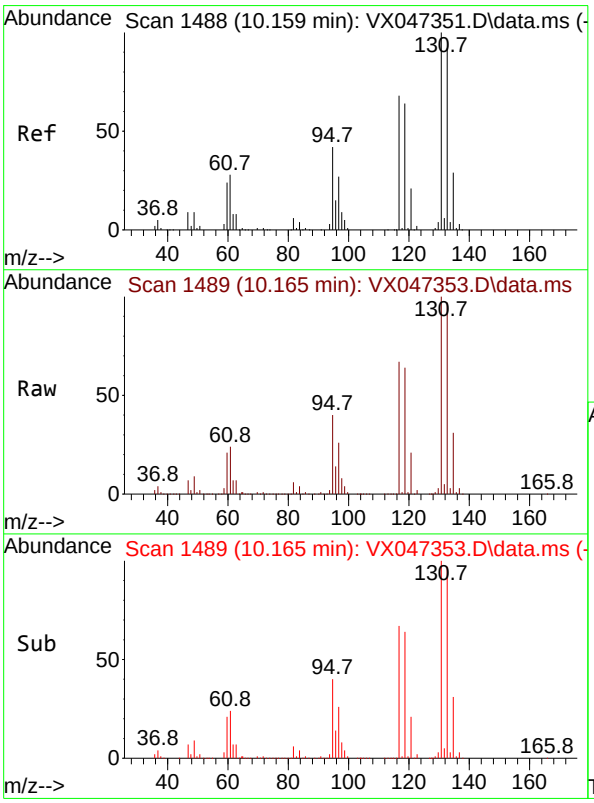
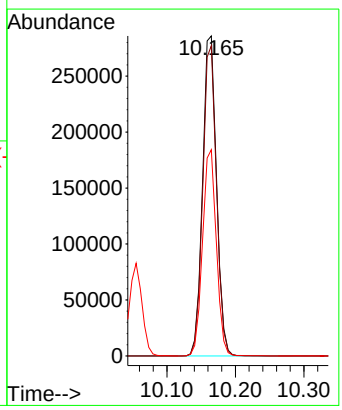


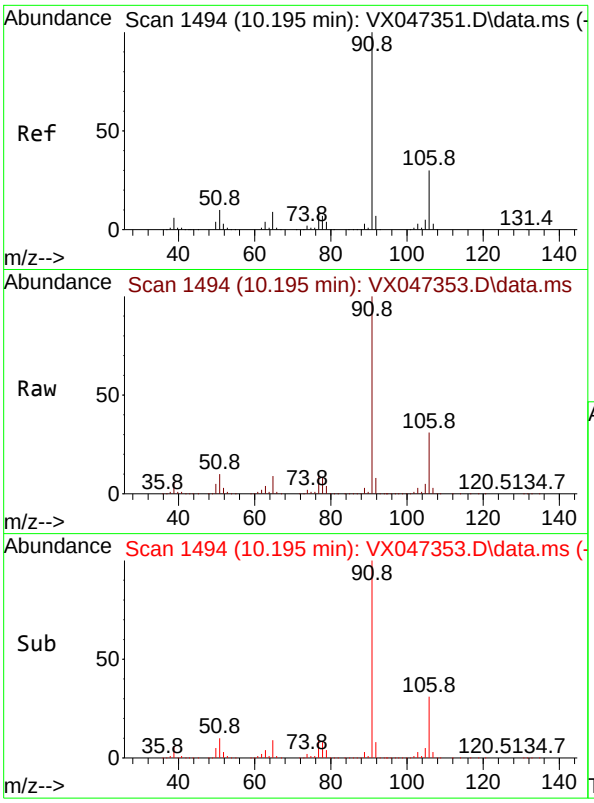


#66
1,1,1,2-Tetrachloroethane
Concen: 152.780 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion:131 Resp: 405123

Ion	Ratio	Lower	Upper
131	100		
133	95.4	47.6	142.9
119	63.9	32.3	96.8

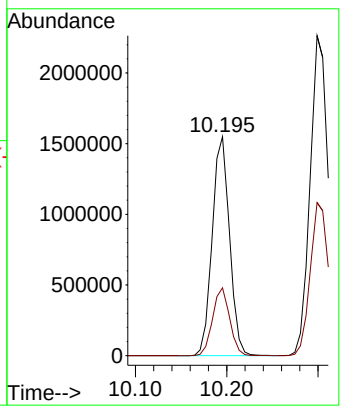




#67
Ethyl Benzene
Concen: 150.823 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 91 Resp: 203627

Ion	Ratio	Lower	Upper
91	100		
106	31.0	24.4	36.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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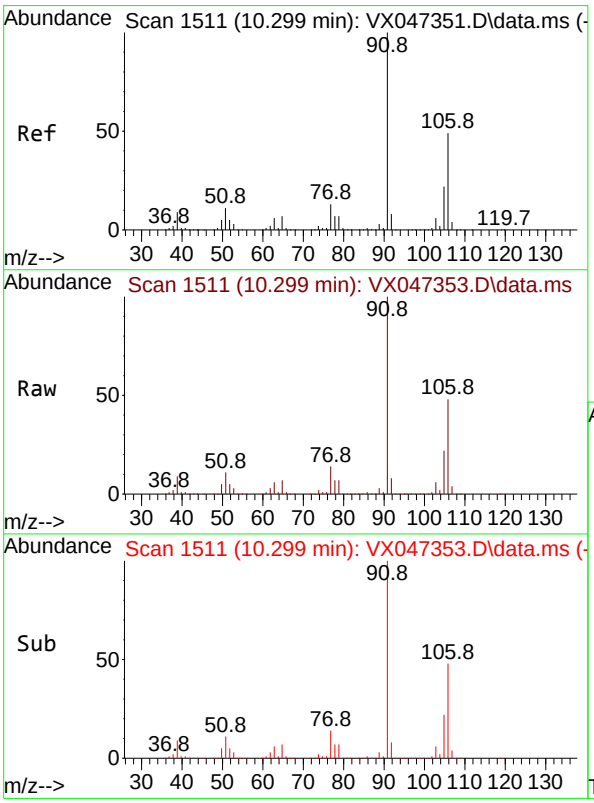
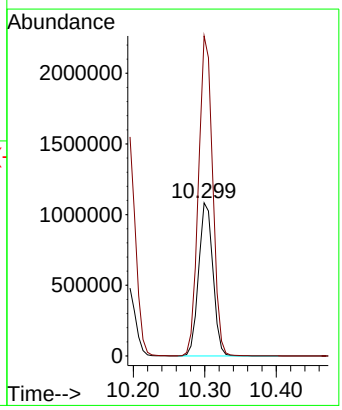
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

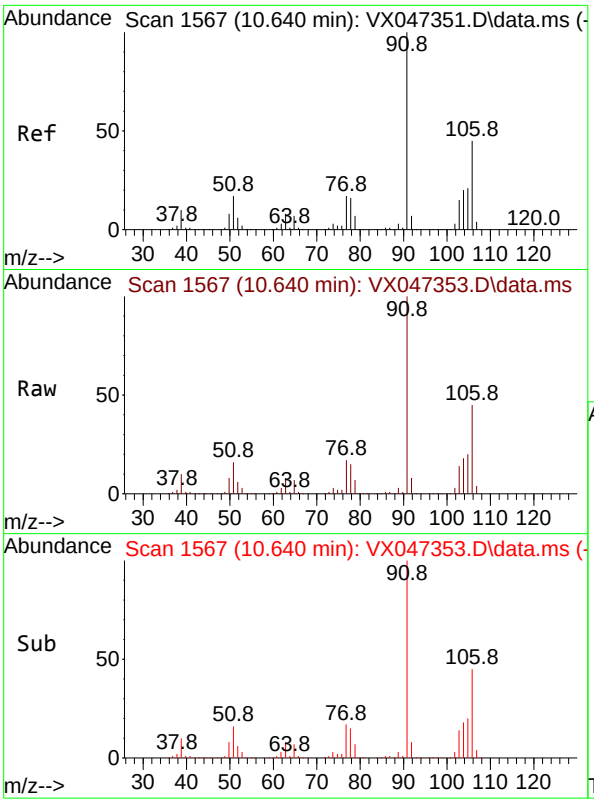


#68
m/p-Xylenes
Concen: 298.466 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion:106 Resp: 1502542

Ion	Ratio	Lower	Upper
106	100		
91	207.4	164.7	247.1

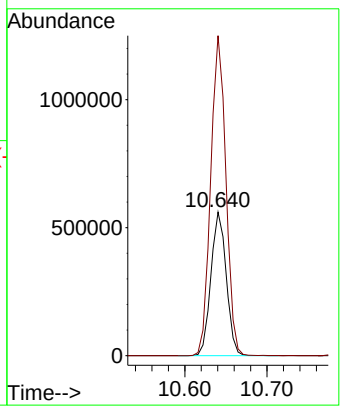




#69
o-Xylene
Concen: 149.683 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion:106 Resp: 72515

Ion	Ratio	Lower	Upper
106	100		
91	221.6	110.6	331.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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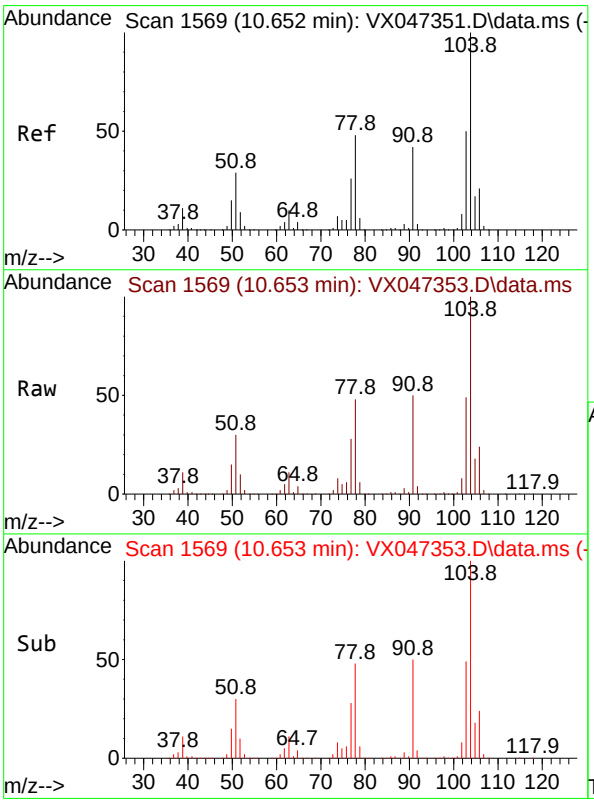
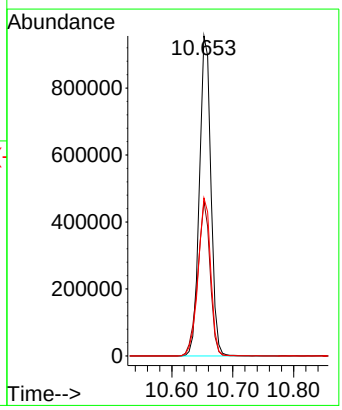
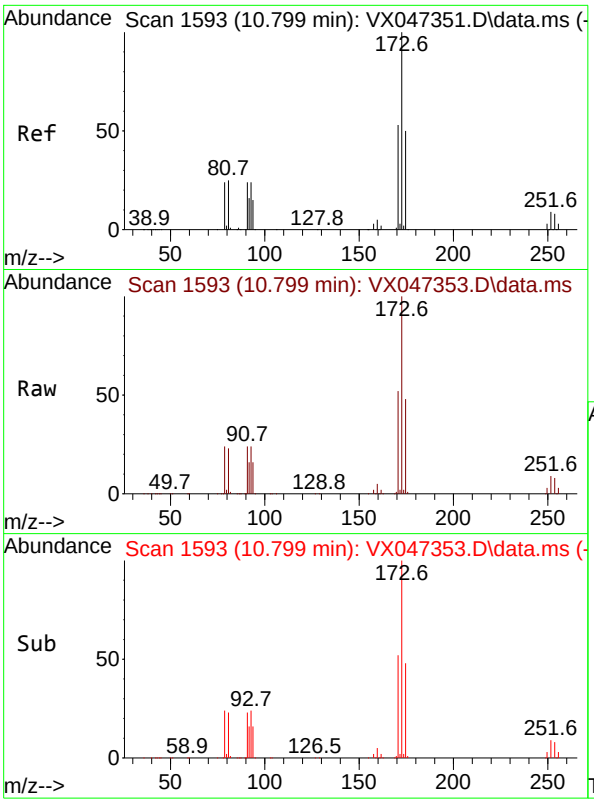


#70
Styrene
Concen: 153.150 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion:104 Resp: 1253652

Ion	Ratio	Lower	Upper
104	100		
78	52.1	41.8	62.8
103	53.9	43.6	65.4

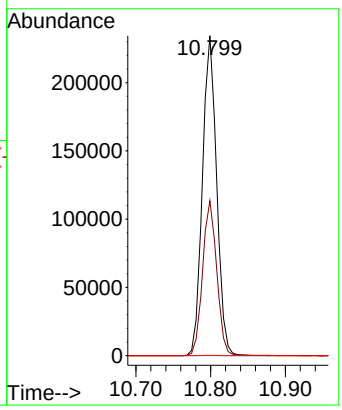




#71
Bromoform
Concen: 155.427 ug/l
RT: 10.799 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion:173 Resp: 30962

Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.4	73.4
254	0.1	0.1	0.1#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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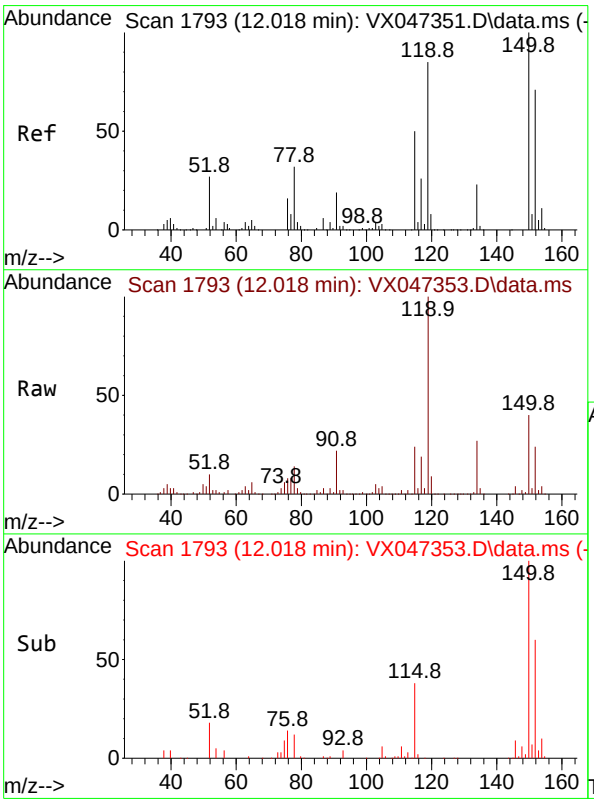
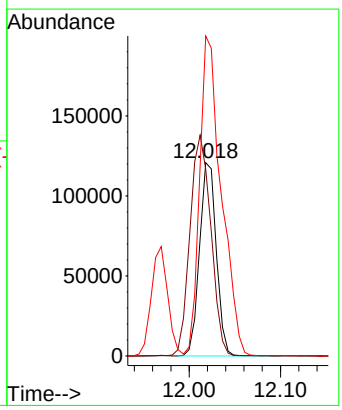
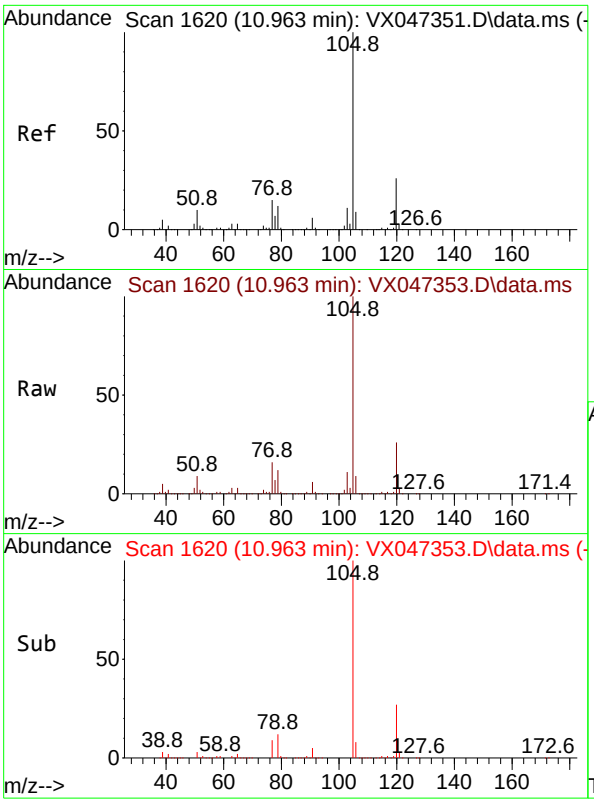


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion:152 Resp: 153878

Ion	Ratio	Lower	Upper
152	100		
115	142.6	44.6	133.8#
150	214.2	0.0	349.8

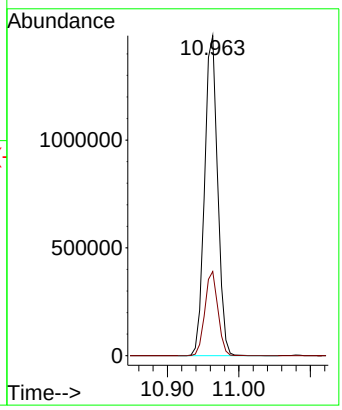




#73
Isopropylbenzene
Concen: 156.417 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion:105 Resp: 188352

Ion	Ratio	Lower	Upper
105	100		
120	26.2	12.9	38.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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Reviewed By :John Carlone 08/18/2025
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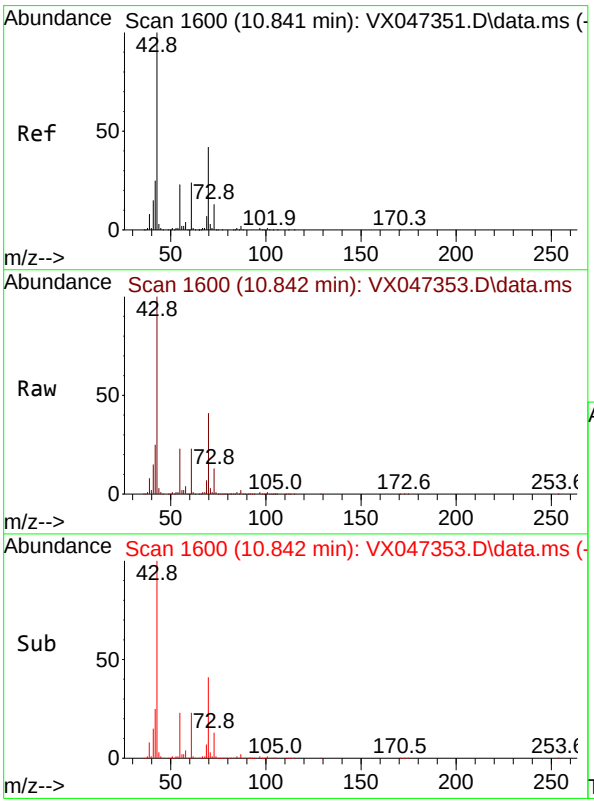
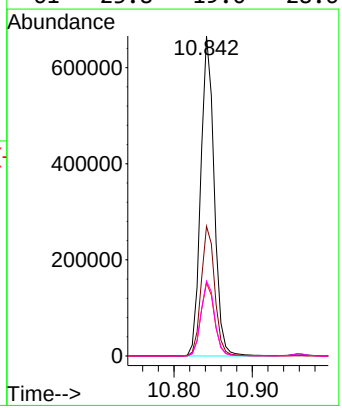
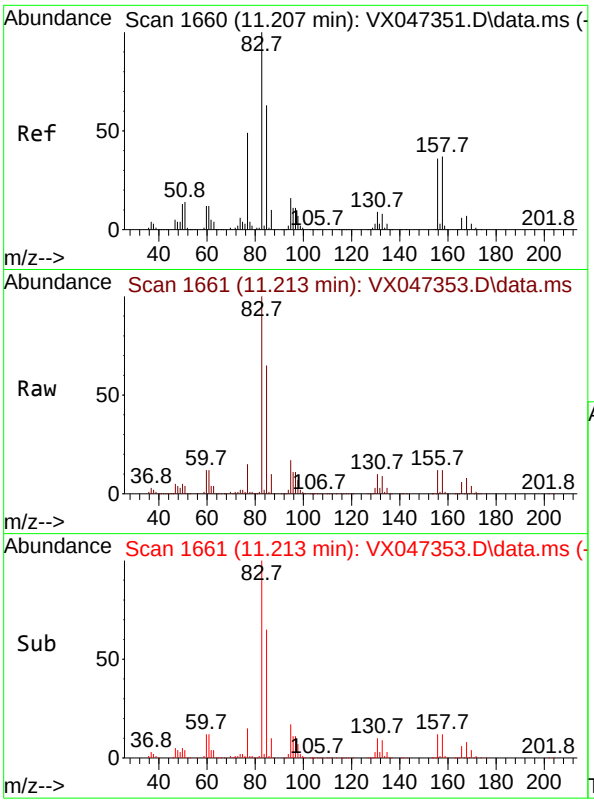


#74
N-amyl acetate
Concen: 172.791 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 43 Resp: 790124

Ion	Ratio	Lower	Upper
43	100		
70	41.1	33.1	49.7
55	23.3	19.0	28.6
61	23.8	19.0	28.6

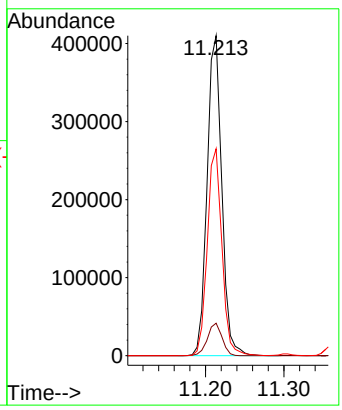




#75
1,1,2,2-Tetrachloroethane
Concen: 150.375 ug/l
RT: 11.213 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 83 Resp: 53165

Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.0	15.0
85	64.4	31.7	95.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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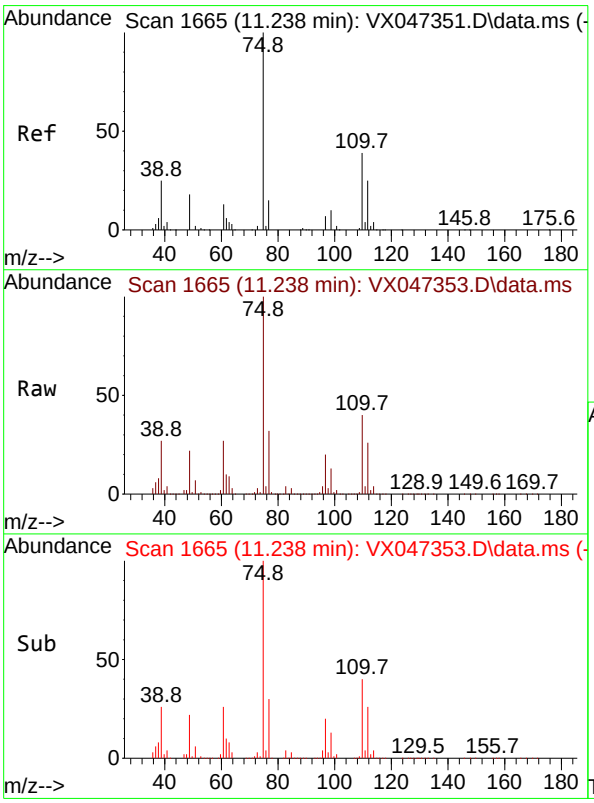
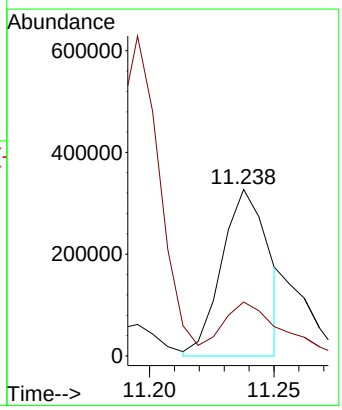
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

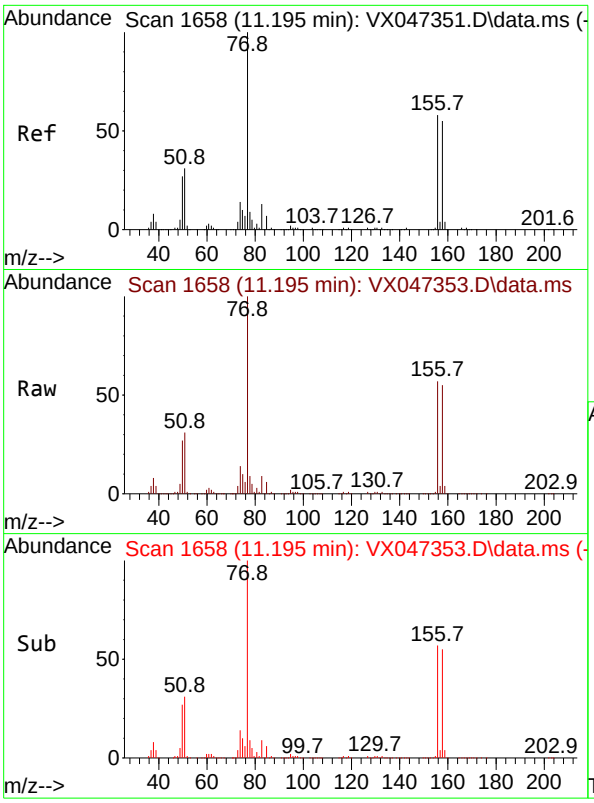


#76
1,2,3-Trichloropropane
Concen: 150.704 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 75 Resp: 425332

Ion	Ratio	Lower	Upper
75	100		
77	41.1	19.4	58.2





#77
Bromobenzene
Concen: 153.378 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion:156 Resp: 45100

Ion	Ratio	Lower	Upper
156	100		
77	172.9	86.3	258.9
158	97.4	48.0	144.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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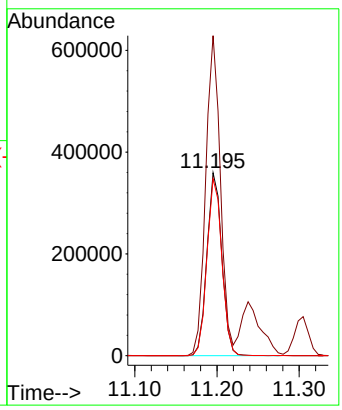
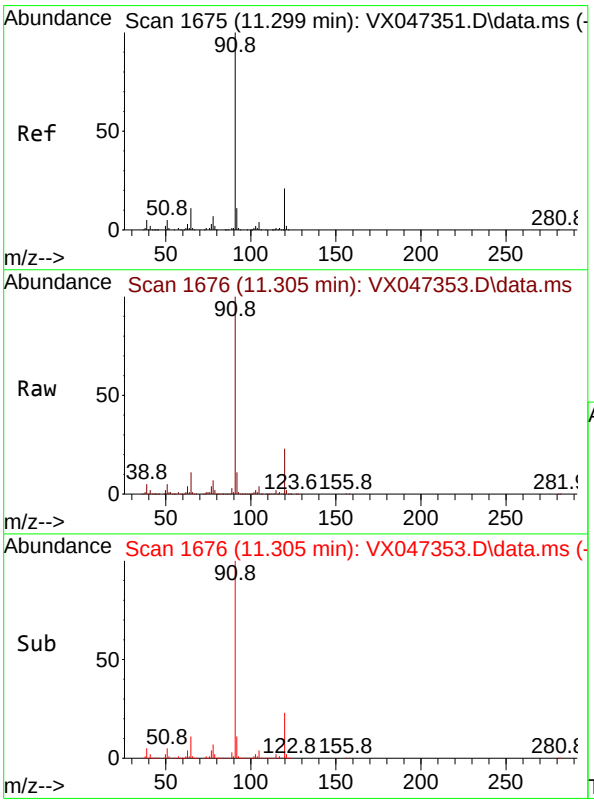
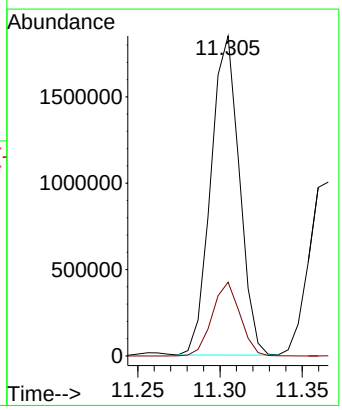


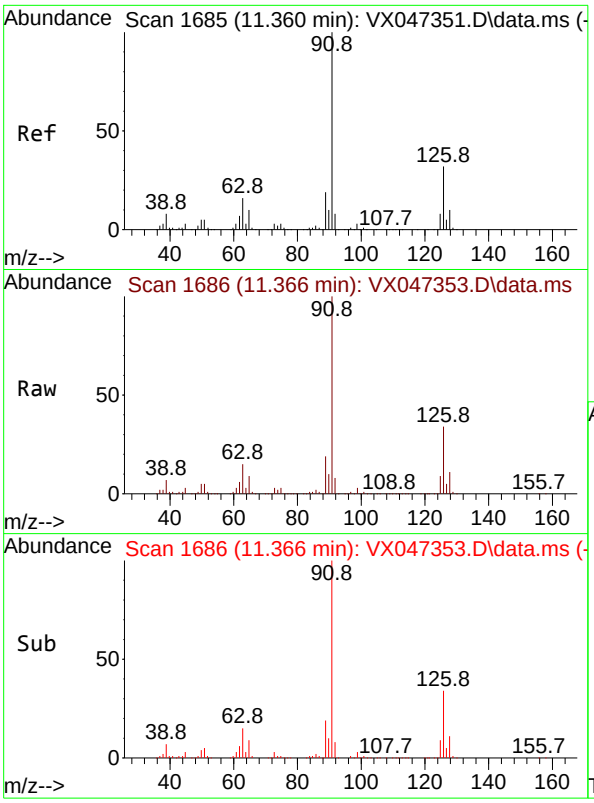


#78
n-propylbenzene
Concen: 155.473 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 91 Resp: 2235938

Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.0	33.0





#79
2-Chlorotoluene
Concen: 150.272 ug/l
RT: 11.366 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 91 Resp: 130641

Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.7	50.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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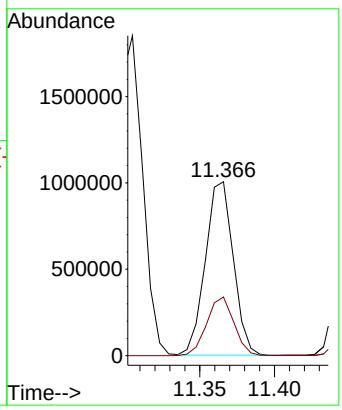
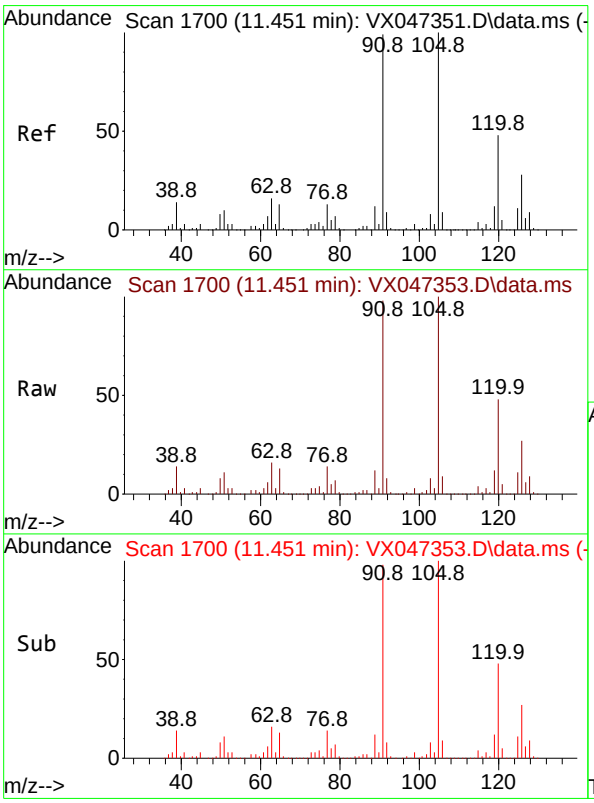
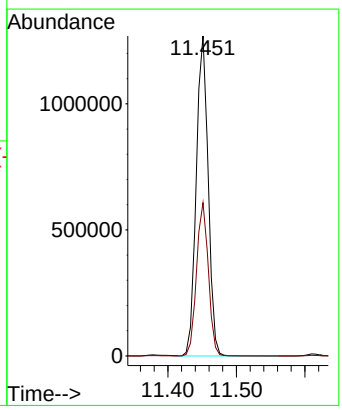


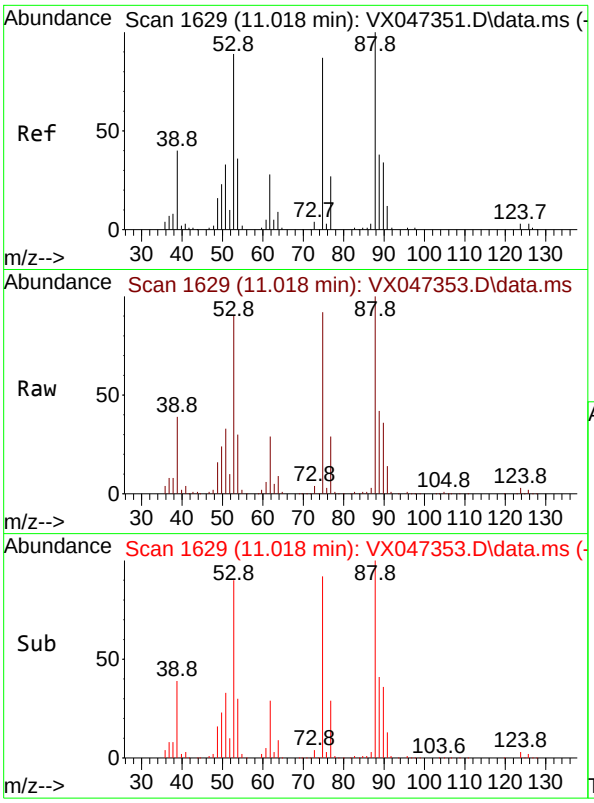


#80
1,3,5-Trimethylbenzene
Concen: 155.110 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion:105 Resp: 1536791

Ion	Ratio	Lower	Upper
105	100		
120	47.5	23.9	71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 154.967 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 75 Resp: 11333

Ion	Ratio	Lower	Upper
75	100		
53	101.8	85.2	127.8
89	45.9	36.7	55.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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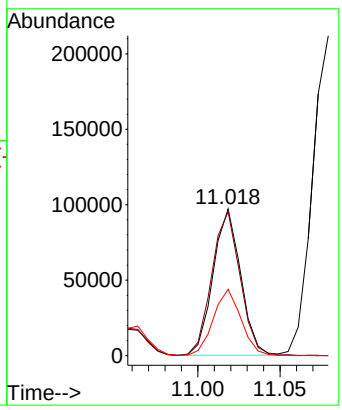
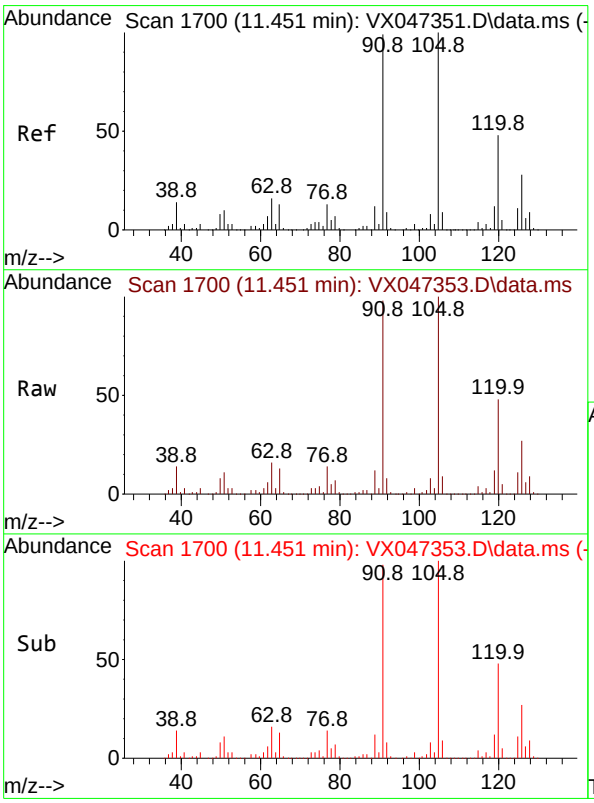
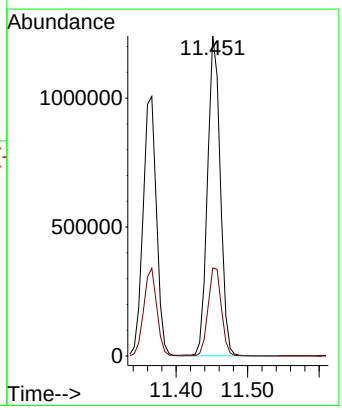


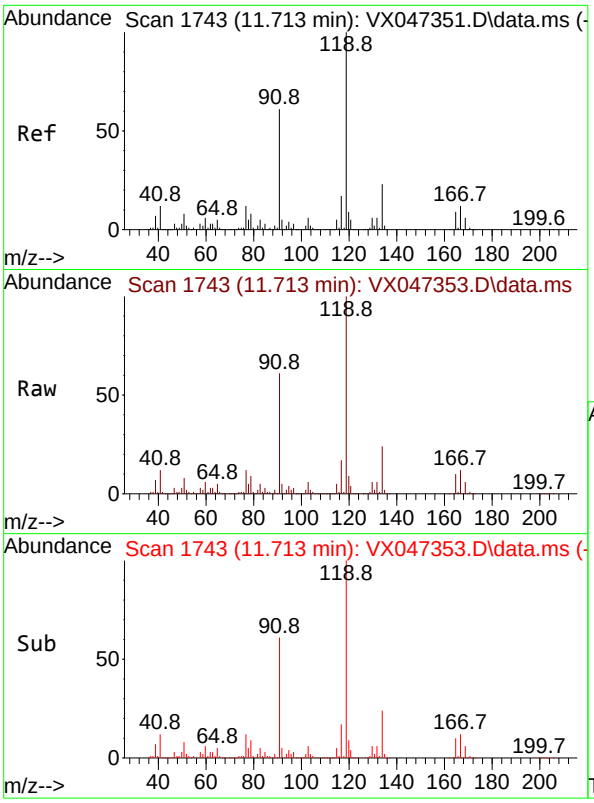


#82
4-Chlorotoluene
Concen: 150.376 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 91 Resp: 1541070

Ion	Ratio	Lower	Upper
91	100		
126	28.7	14.4	43.0

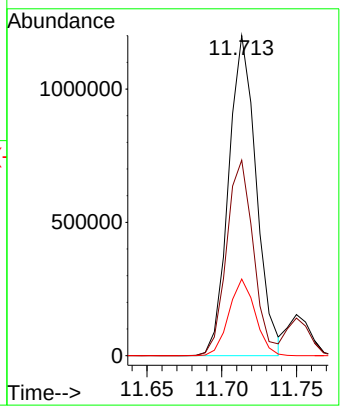




#83
tert-Butylbenzene
Concen: 156.062 ug/l
RT: 11.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion:119 Resp: 154262

Ion	Ratio	Lower	Upper
119	100		
91	59.8	29.1	87.4
134	22.8	11.3	33.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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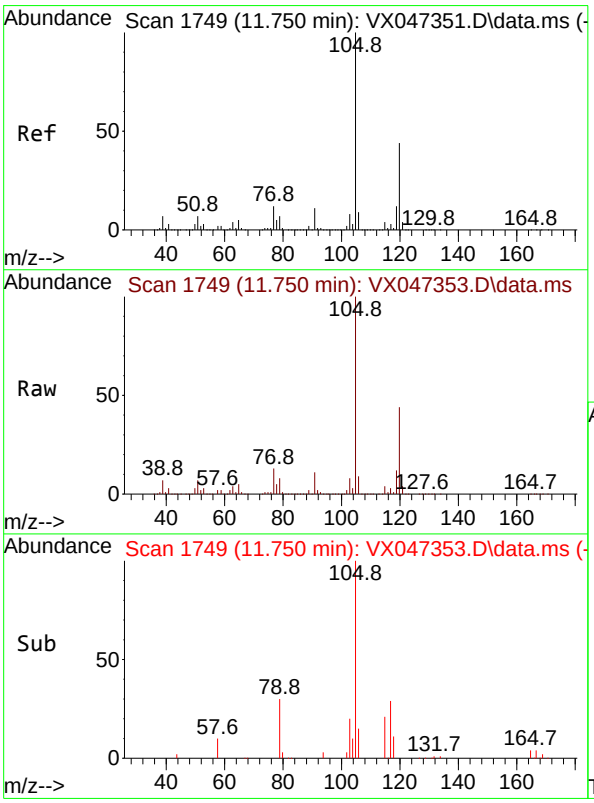
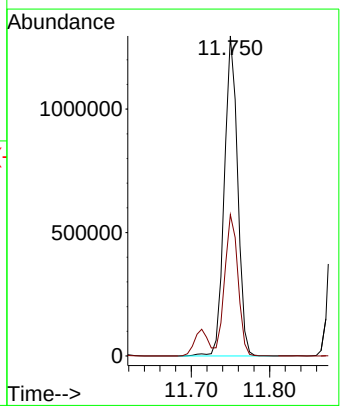
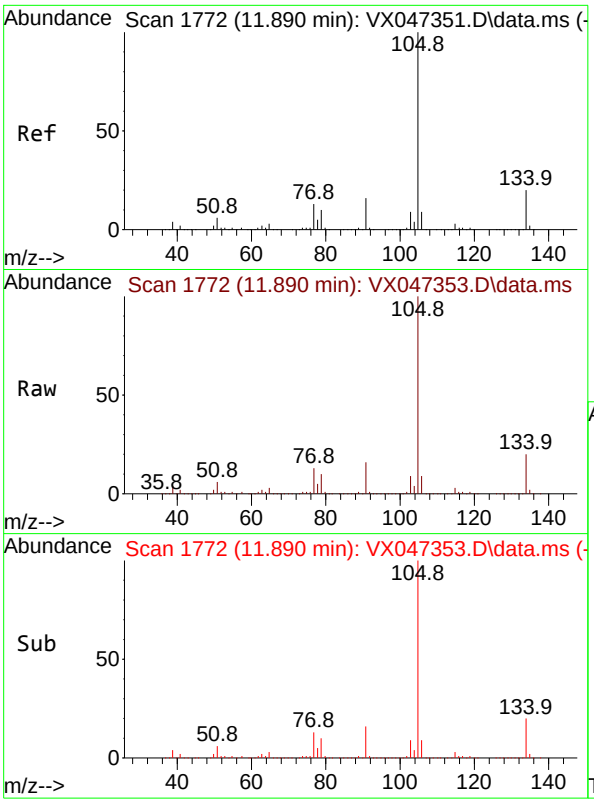


#84
1,2,4-Trimethylbenzene
Concen: 154.952 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion:105 Resp: 1535261

Ion	Ratio	Lower	Upper
105	100		
120	44.5	21.9	65.7

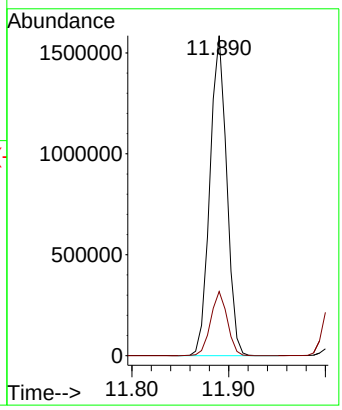




#85
sec-Butylbenzene
Concen: 156.078 ug/l
RT: 11.890 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion:105 Resp: 191222

Ion	Ratio	Lower	Upper
105	100		
134	19.8	9.8	29.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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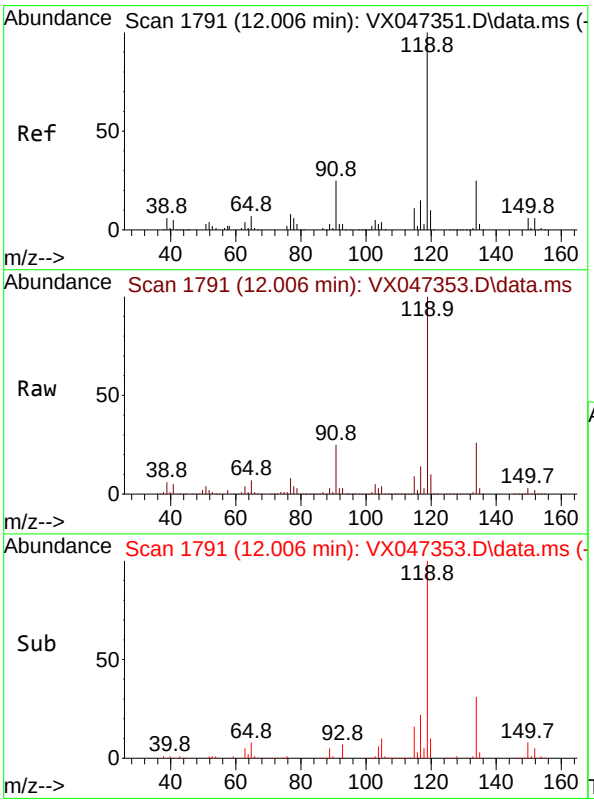
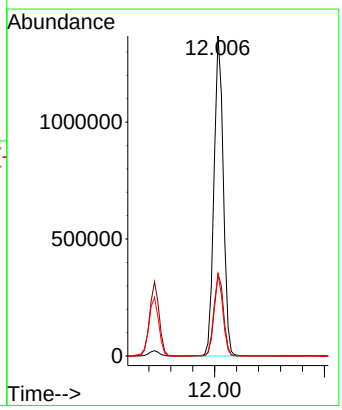
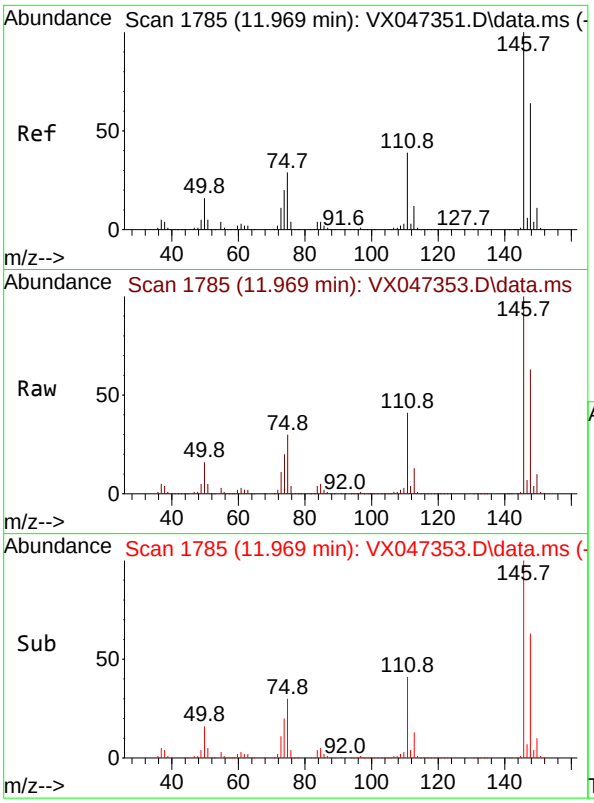


#86
p-Isopropyltoluene
Concen: 154.459 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion:119 Resp: 1601345

Ion	Ratio	Lower	Upper
119	100		
134	25.8	12.8	38.4
91	24.9	12.4	37.4

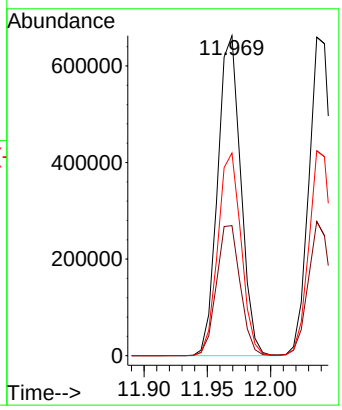




#87
1,3-Dichlorobenzene
Concen: 149.783 ug/l
RT: 11.969 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion:146 Resp: 84139

Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.6	61.8
148	63.8	31.9	95.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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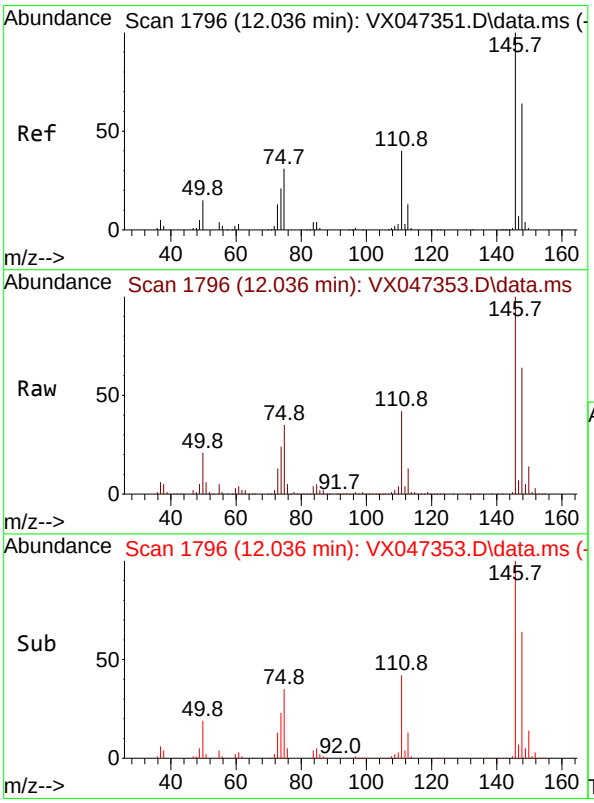
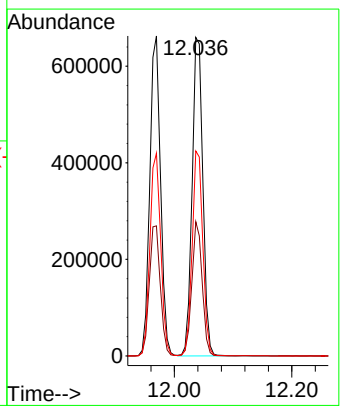
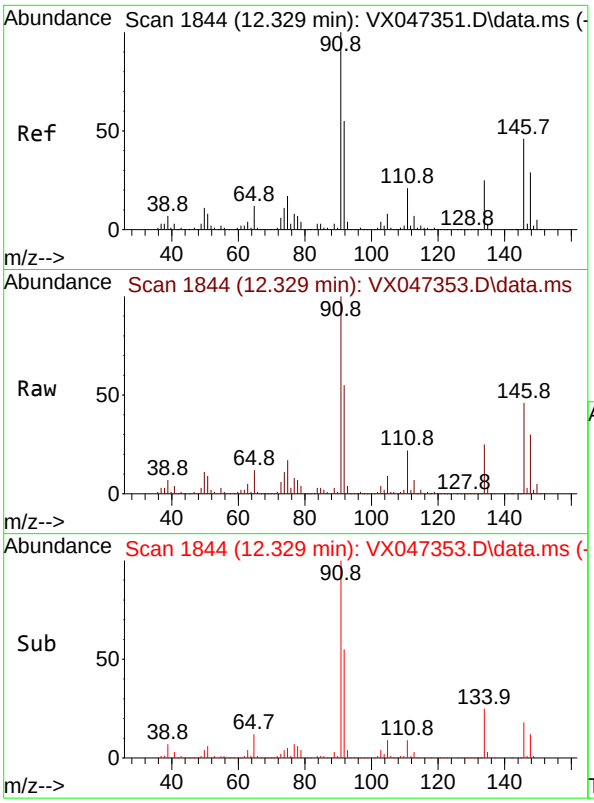


#88
1,4-Dichlorobenzene
Concen: 144.939 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion:146 Resp: 837395

Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.4	61.2
148	63.7	31.7	95.1

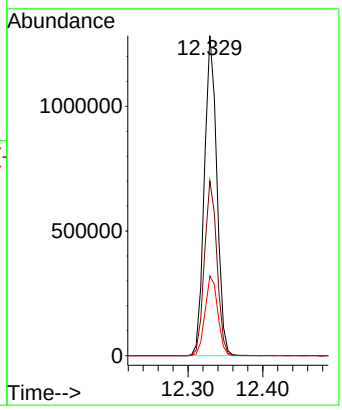




#89
n-Butylbenzene
Concen: 154.462 ug/l
RT: 12.329 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 91 Resp: 148947

Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.2	81.5
134	25.4	12.6	37.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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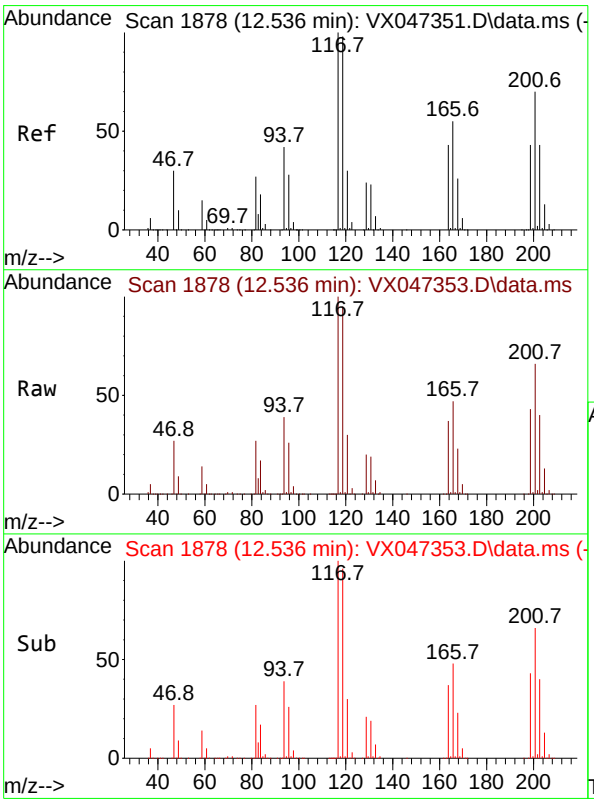
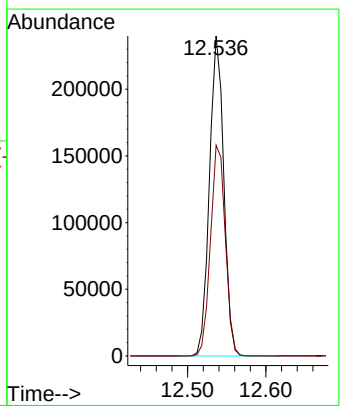
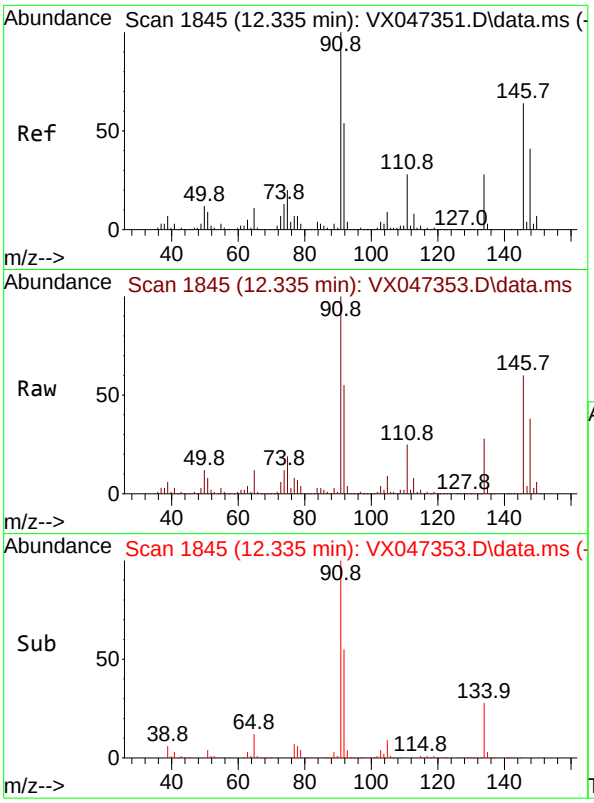


#90
Hexachloroethane
Concen: 166.757 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion:117 Resp: 303295

Ion	Ratio	Lower	Upper
117	100		
201	68.6	35.1	105.3

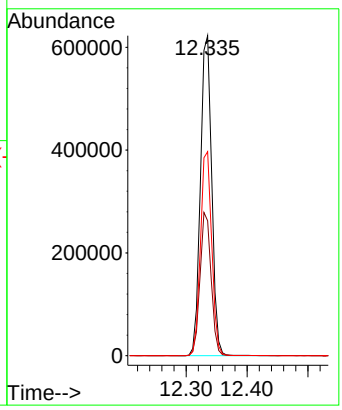




#91
1,2-Dichlorobenzene
Concen: 149.701 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion:146 Resp: 79819

Ion	Ratio	Lower	Upper
146	100		
111	44.0	22.1	66.1
148	64.0	31.9	95.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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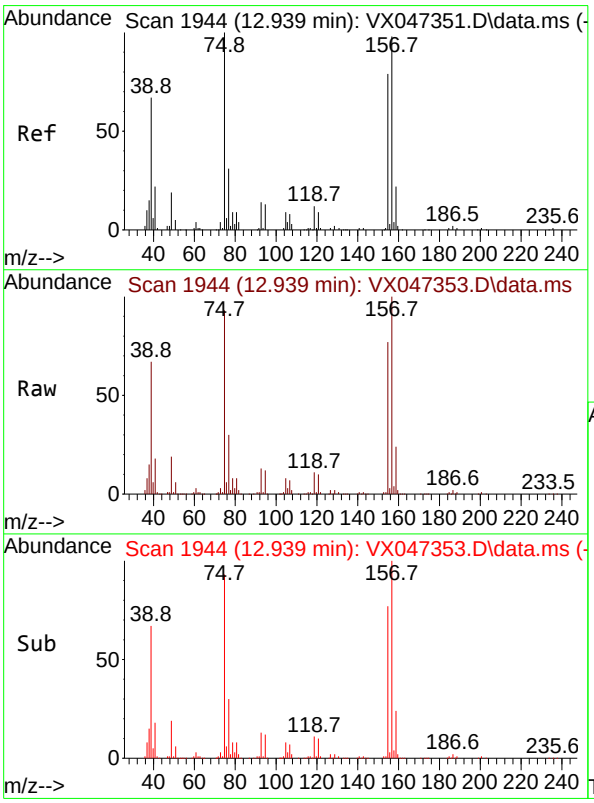
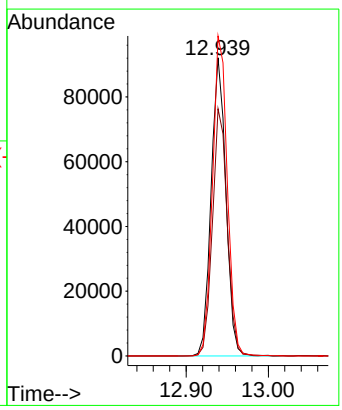
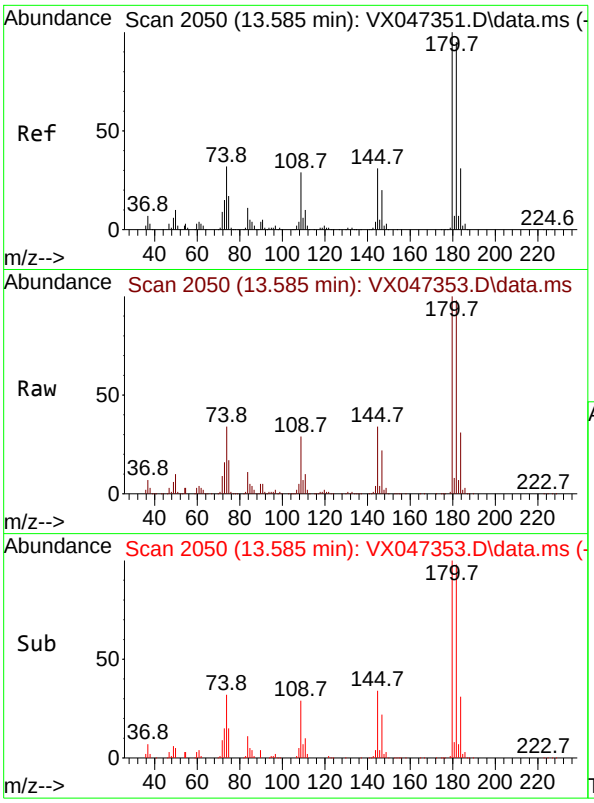


#92
1,2-Dibromo-3-Chloropropane
Concen: 168.342 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 75 Resp: 115101

Ion	Ratio	Lower	Upper
75	100		
155	82.7	41.3	123.7
157	107.8	51.5	154.5





#93
1,2,4-Trichlorobenzene
Concen: 155.453 ug/l
RT: 13.585 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion:180 Resp: 55565

Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.1	144.4
145	32.8	16.2	48.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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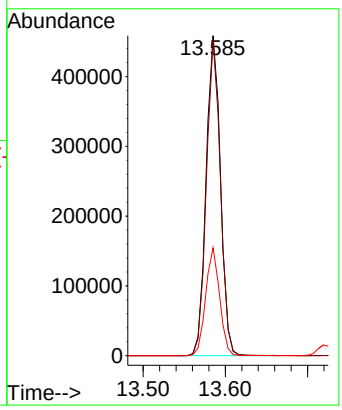
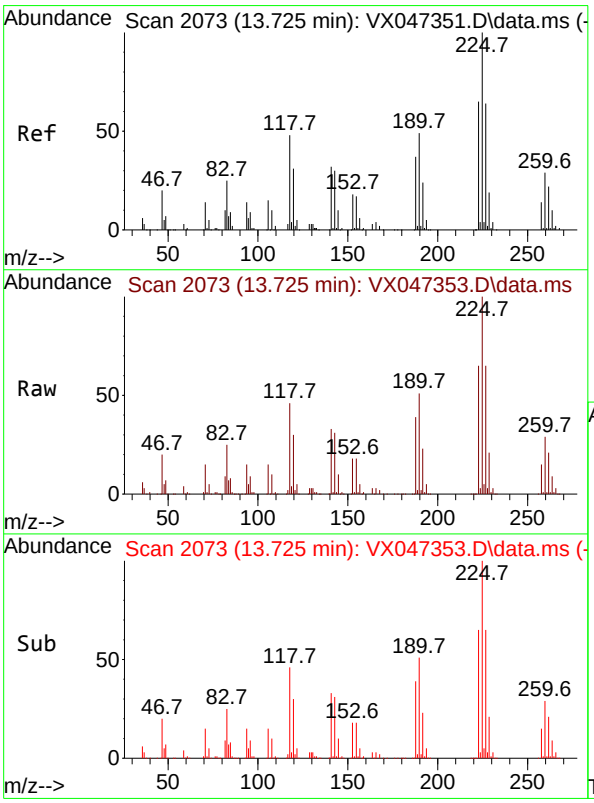
Supervised By :Mahesh Dadoda 08/19/2025

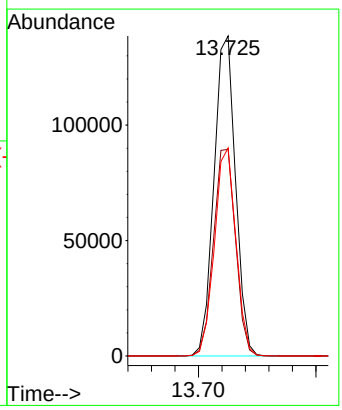


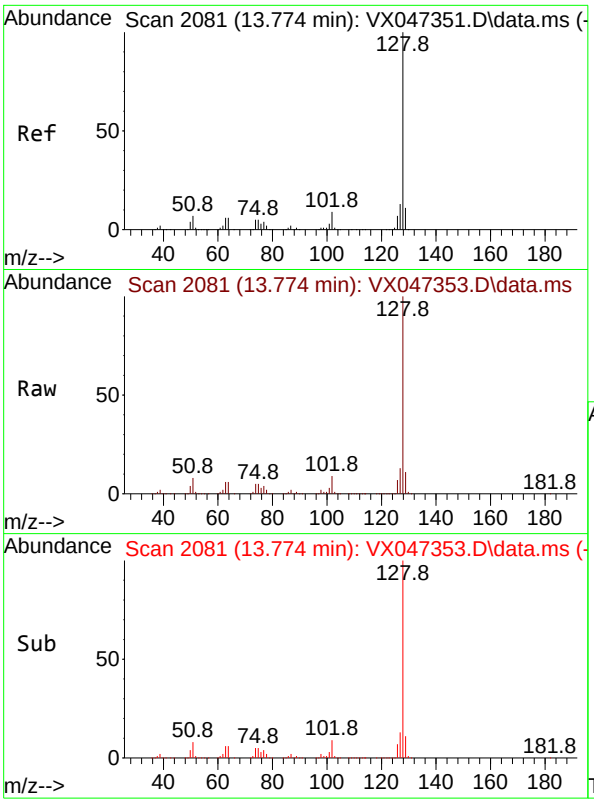


#94
Hexachlorobutadiene
Concen: 139.013 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion:225 Resp: 176870

Ion	Ratio	Lower	Upper
225	100		
223	66.0	32.2	96.6
227	64.6	31.6	95.0

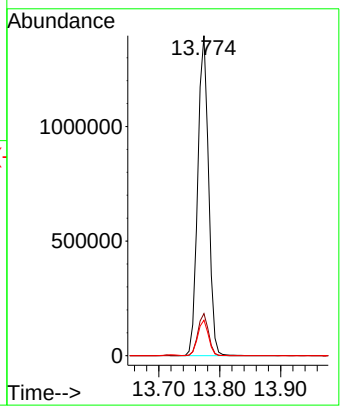




#95
Naphthalene
Concen: 167.959 ug/l
RT: 13.774 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion:128 Resp: 171568

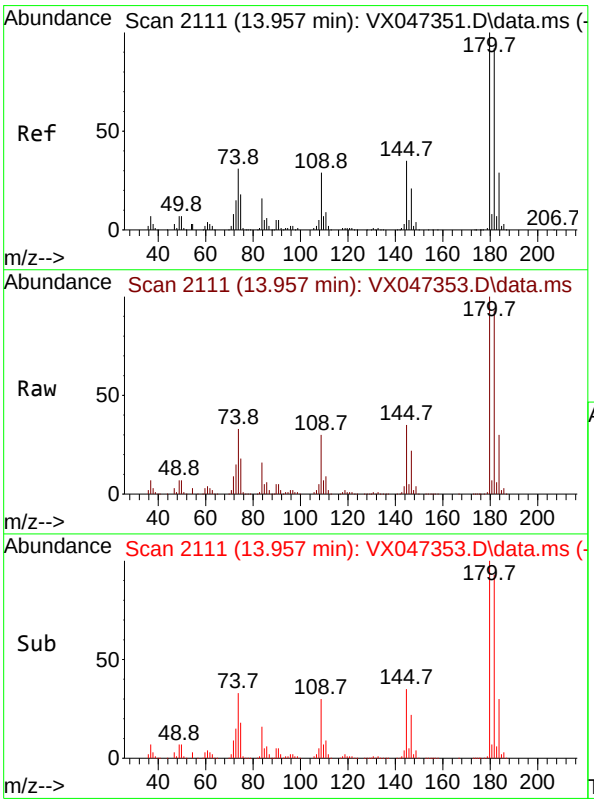
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.1	15.1
129	11.0	8.7	13.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

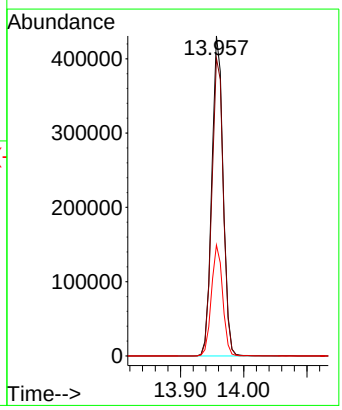
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#96
1,2,3-Trichlorobenzene
Concen: 158.872 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion:180 Resp: 535287

Ion	Ratio	Lower	Upper
180	100		
182	94.5	48.0	144.2
145	34.4	17.4	52.2



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047356.D
Acq On : 15 Aug 2025 12:30
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

Quant Time: Aug 18 02:56:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 02:51:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	286149	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	494689	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	456440	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	228745	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount 50.000	Range 78 - 117		Recovery =	0.000%#		
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount 50.000	Range 75 - 124		Recovery =	0.000%#		
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount 50.000	Range 92 - 112		Recovery =	0.000%#		
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount 50.000	Range 83 - 123		Recovery =	0.000%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.184	85	3127	0.857	ug/l	94
3) Chloromethane	1.313	50	3143	0.958	ug/l	99
4) Vinyl Chloride	1.392	62	3606	0.876	ug/l #	68
6) Chloroethane	1.709	64	2950	1.171	ug/l	91
7) Trichlorofluoromethane	1.904	101	5369	0.881	ug/l	86
8) Diethyl Ether	2.148	74	1947	0.908	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.349	101	2830	0.801	ug/l #	90
12) 1,1-Dichloroethene	2.337	96	3176	0.882	ug/l #	84
14) Allyl chloride	2.684	41	5441m	0.869	ug/l	
15) Acrylonitrile	3.087	53	7106	4.221	ug/l	89
16) Acetone	2.392	43	7123	4.732	ug/l	91
17) Carbon Disulfide	2.532	76	11842	1.089	ug/l #	93
18) Methyl Acetate	2.721	43	3556	0.912	ug/l #	84
19) Methyl tert-butyl Ether	3.129	73	8892	0.811	ug/l	95
20) Methylene Chloride	2.812	84	3953	0.992	ug/l	88
21) trans-1,2-Dichloroethene	3.111	96	3552	0.929	ug/l #	87
22) Diisopropyl ether	3.782	45	9930	0.803	ug/l	96
23) Vinyl Acetate	3.751	43	40393	3.984	ug/l #	90
24) 1,1-Dichloroethane	3.629	63	6019	0.861	ug/l #	85
25) 2-Butanone	4.605	43	8214	4.166	ug/l #	87
26) 2,2-Dichloropropane	4.489	77	4442	0.842	ug/l	80
27) cis-1,2-Dichloroethene	4.513	96	3960	0.889	ug/l	88
28) Bromochloromethane	4.934	49	2750	0.945	ug/l #	89
29) Tetrahydrofuran	5.044	42	6273m	4.923	ug/l	
30) Chloroform	5.117	83	6246	0.875	ug/l	86
32) 1,1,1-Trichloroethane	5.415	97	4939	0.804	ug/l #	49
36) 1,1-Dichloropropene	5.708	75	4692	0.926	ug/l	94
37) Ethyl Acetate	4.757	43	4864m	0.924	ug/l	
38) Carbon Tetrachloride	5.696	117	5100	0.921	ug/l	92
39) Methylcyclohexane	7.391	83	5884	0.931	ug/l	88
40) Benzene	6.056	78	12977	0.855	ug/l	92
41) Methacrylonitrile	4.958	41	1736m	0.782	ug/l	
42) 1,2-Dichloroethane	6.123	62	4784	0.890	ug/l	88
43) Isopropyl Acetate	6.366	43	6382	0.844	ug/l #	81
44) Trichloroethene	7.141	130	3329	0.857	ug/l	87
45) 1,2-Dichloropropane	7.446	63	3532	0.929	ug/l #	88

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047356.D
Acq On : 15 Aug 2025 12:30
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

Quant Time: Aug 18 02:56:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 02:51:35 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	Dibromomethane	7.592	93	2453	0.889	ug/l		94
47)	Bromodichloromethane	7.830	83	5078	0.888	ug/l	#	98
48)	Methyl methacrylate	7.720	41	3480m	0.887	ug/l		
49)	1,4-Dioxane	7.708	88	559m	15.003	ug/l		
51)	4-Methyl-2-Pentanone	8.586	43	17109	3.933	ug/l		96
52)	Toluene	8.726	92	7930	0.846	ug/l		99
53)	t-1,3-Dichloropropene	8.988	75	3671	0.735	ug/l		91
54)	cis-1,3-Dichloropropene	8.378	75	4466	0.790	ug/l		94
55)	1,1,2-Trichloroethane	9.159	97	3095	0.870	ug/l		97
56)	Ethyl methacrylate	9.128	69	4003	0.763	ug/l		94
57)	1,3-Dichloropropane	9.311	76	5471	0.902	ug/l		94
58)	2-Chloroethyl Vinyl ether	8.256	63	5074	10.313	ug/l		95
59)	2-Hexanone	9.439	43	11811	3.926	ug/l		92
60)	Dibromochloromethane	9.524	129	3776	0.893	ug/l		87
61)	1,2-Dibromoethane	9.616	107	3325	0.906	ug/l		94
64)	Tetrachloroethene	9.274	164	2888	0.875	ug/l		94
65)	Chlorobenzene	10.079	112	9799	0.903	ug/l		97
66)	1,1,1,2-Tetrachloroethane	10.165	131	3146	0.858	ug/l	#	65
67)	Ethyl Benzene	10.195	91	15680	0.840	ug/l		90
68)	m/p-Xylenes	10.305	106	11714	1.683	ug/l		98
69)	o-Xylene	10.640	106	5943	0.887	ug/l		93
70)	Styrene	10.664	104	8294	0.733	ug/l		91
71)	Bromoform	10.805	173	2201	0.799	ug/l	#	94
73)	Isopropylbenzene	10.963	105	14688	0.821	ug/l		94
74)	N-amyl acetate	10.853	43	4792	0.705	ug/l	#	94
75)	1,1,2,2-Tetrachloroethane	11.213	83	4778	0.909	ug/l		97
76)	1,2,3-Trichloropropane	11.244	75	3744m	0.892	ug/l		
77)	Bromobenzene	11.201	156	3648	0.835	ug/l		92
78)	n-propylbenzene	11.305	91	17866	0.836	ug/l		100
79)	2-Chlorotoluene	11.366	91	11644	0.901	ug/l		93
80)	1,3,5-Trimethylbenzene	11.451	105	12427	0.844	ug/l		99
82)	4-Chlorotoluene	11.457	91	13922	0.914	ug/l		97
83)	tert-Butylbenzene	11.713	119	12162	0.828	ug/l		99
84)	1,2,4-Trimethylbenzene	11.750	105	11509	0.781	ug/l		99
85)	sec-Butylbenzene	11.890	105	14973	0.822	ug/l		97
86)	p-Isopropyltoluene	12.012	119	13546	0.879	ug/l		95
87)	1,3-Dichlorobenzene	11.975	146	7821	0.937	ug/l		97
88)	1,4-Dichlorobenzene	12.042	146	8856m	1.031	ug/l		
89)	n-Butylbenzene	12.335	91	12883	0.899	ug/l		97
90)	Hexachloroethane	12.536	117	2421	0.895	ug/l		98
91)	1,2-Dichlorobenzene	12.335	146	7461	0.941	ug/l		97
92)	1,2-Dibromo-3-Chloropr...	12.945	75	876	0.862	ug/l		96
93)	1,2,4-Trichlorobenzene	13.591	180	5232	0.985	ug/l		99
94)	Hexachlorobutadiene	13.725	225	2573	1.360	ug/l		95
95)	Naphthalene	13.780	128	12231	0.805	ug/l		97
96)	1,2,3-Trichlorobenzene	13.957	180	4918	0.982	ug/l		99

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

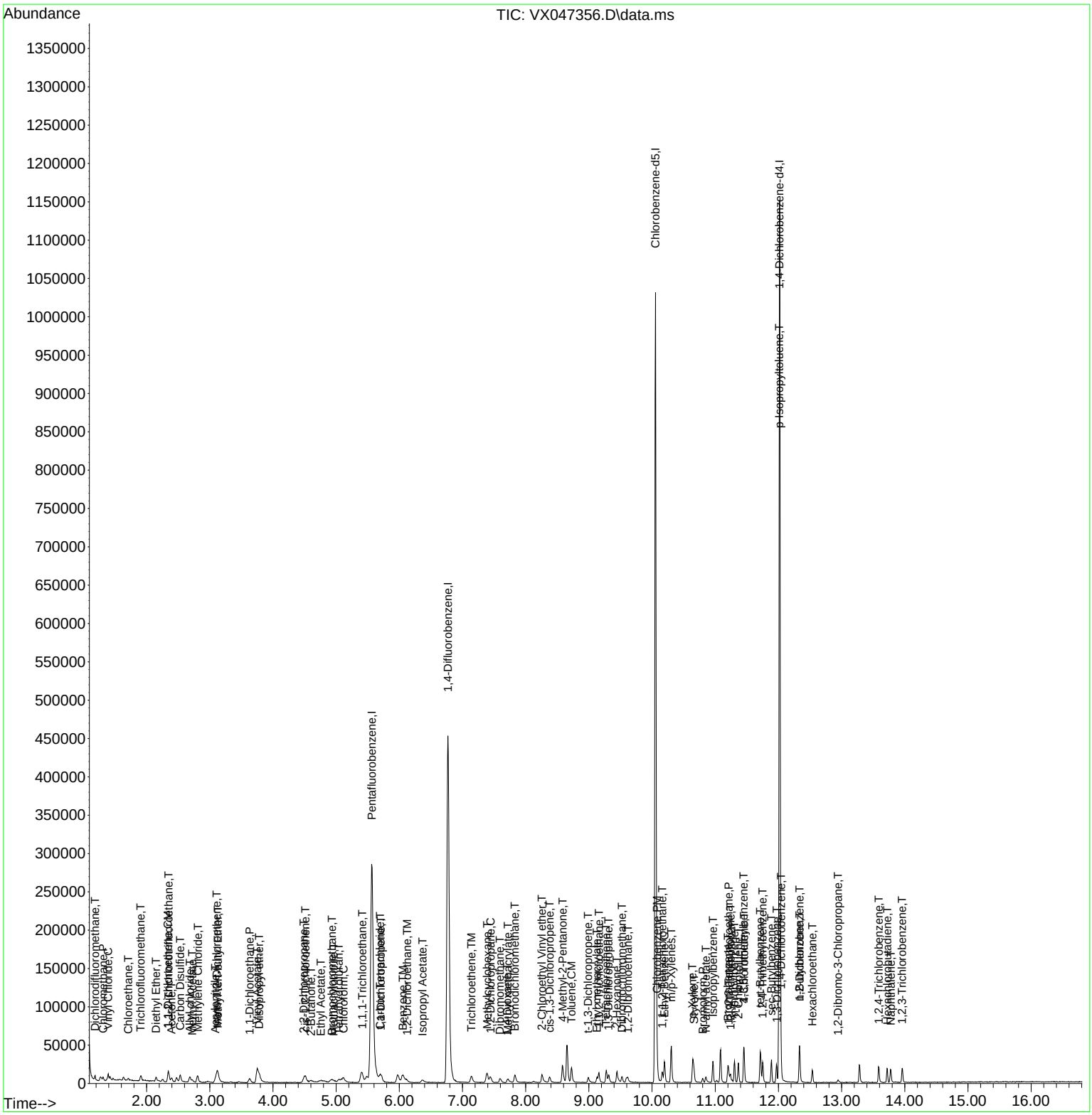
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047356.D
Acq On : 15 Aug 2025 12:30
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

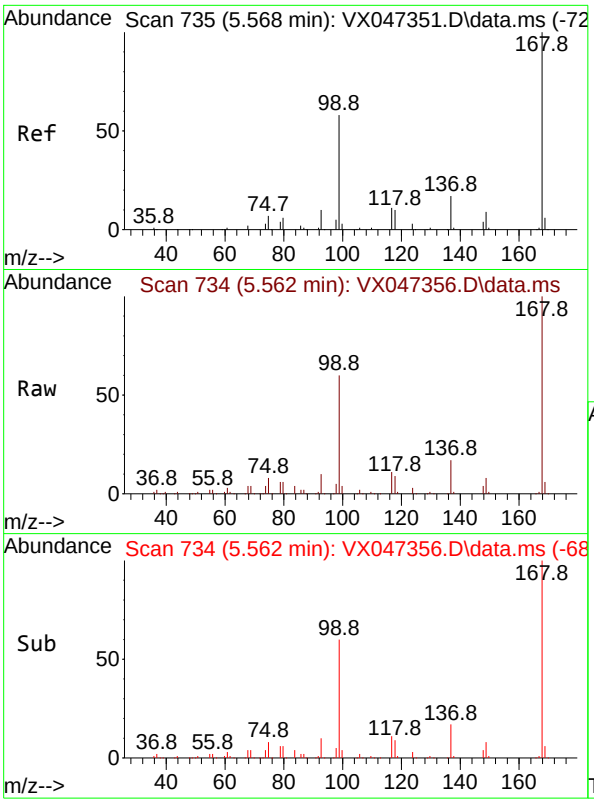
Quant Time: Aug 18 02:56:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 02:51:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

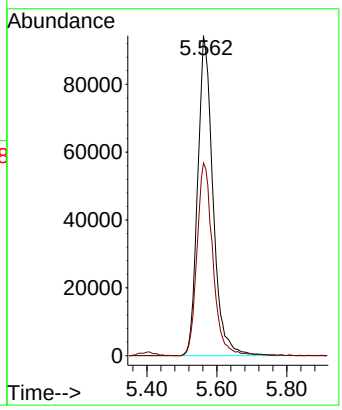




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion:168 Resp: 28614

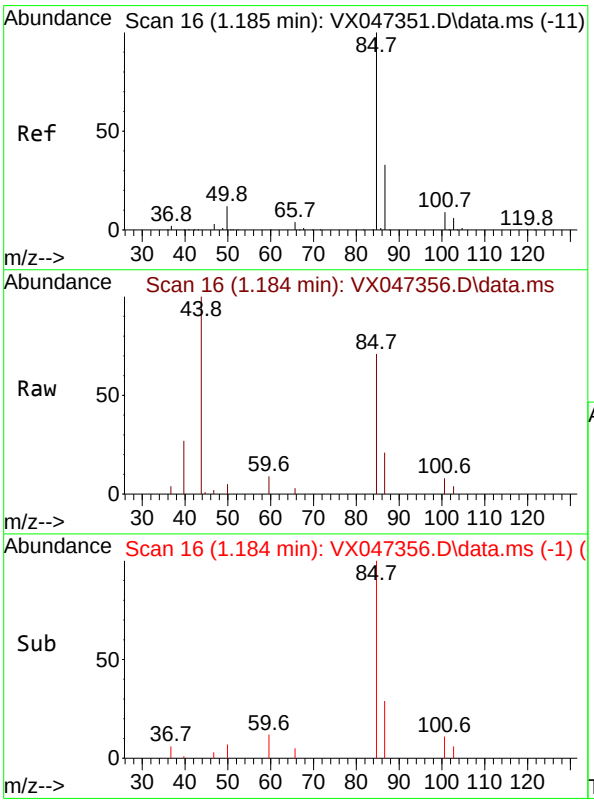
Ion	Ratio	Lower	Upper
168	100		
99	60.2	47.9	71.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

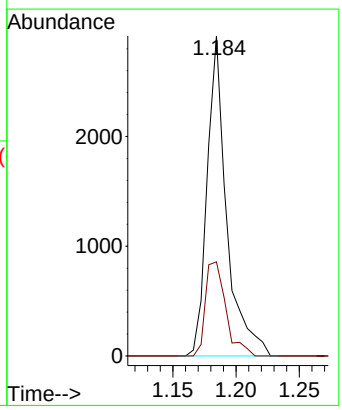
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

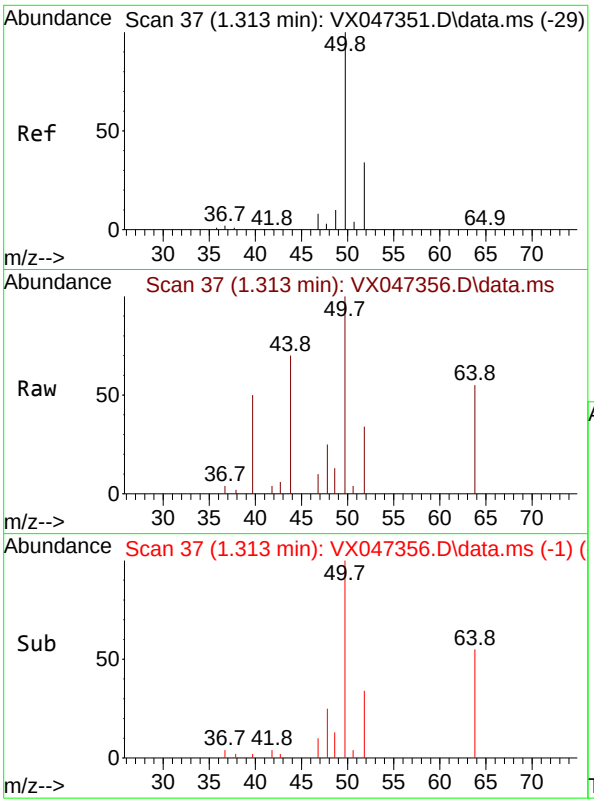


#2
Dichlorodifluoromethane
Concen: 0.857 ug/l
RT: 1.184 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 85 Resp: 3127

Ion	Ratio	Lower	Upper
85	100		
87	29.4	16.4	49.1

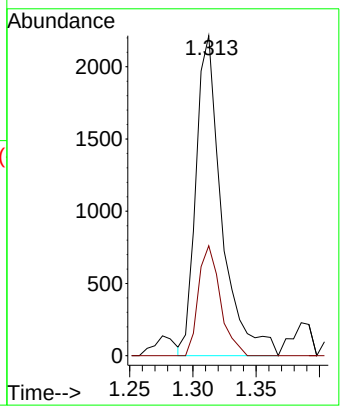




#3
Chloromethane
Concen: 0.958 ug/l
RT: 1.313 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 50 Resp: 314

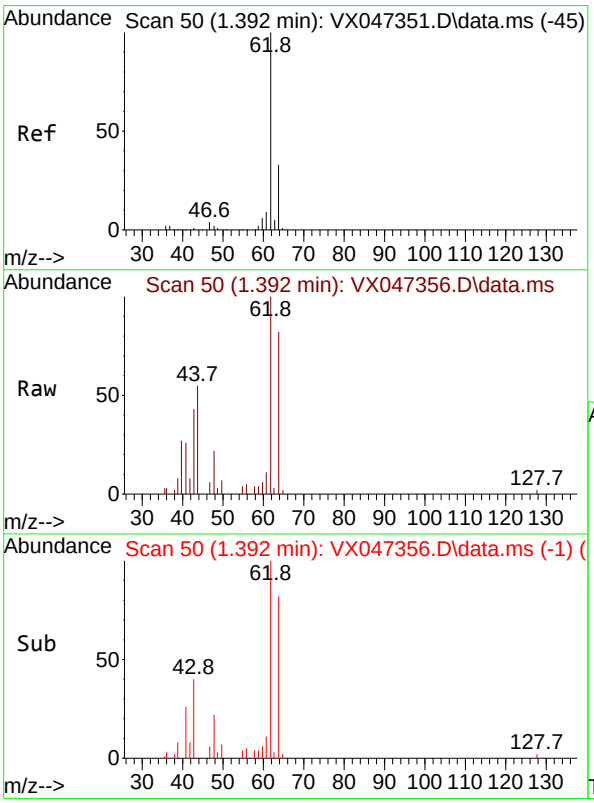
Ion	Ratio	Lower	Upper
50	100		
52	32.9	27.0	40.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

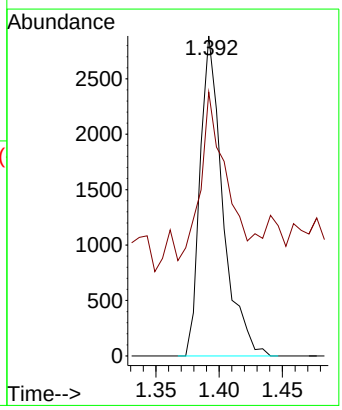
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

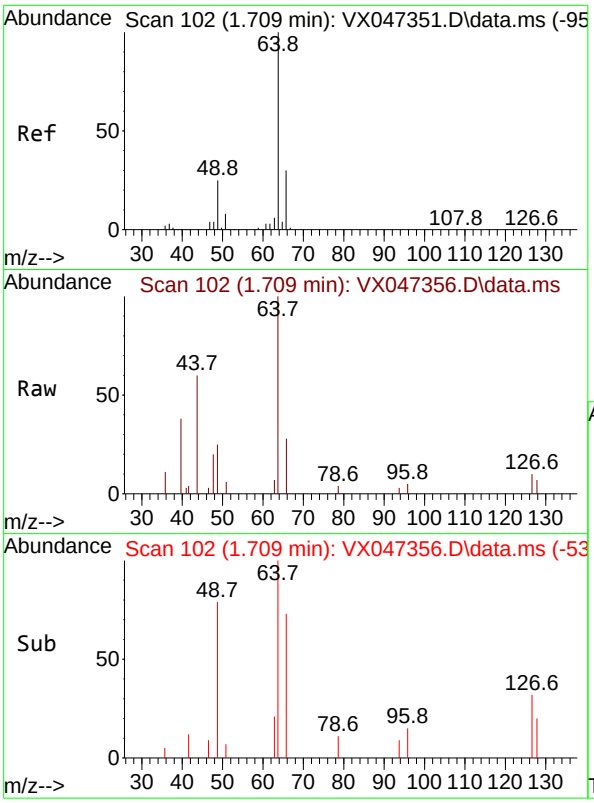


#4
Vinyl Chloride
Concen: 0.876 ug/l
RT: 1.392 min Scan# 50
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 62 Resp: 3606

Ion	Ratio	Lower	Upper
62	100		
64	51.3	26.5	39.7#

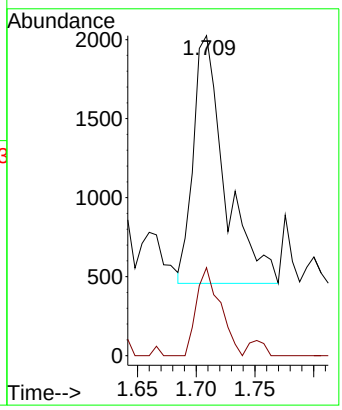




#6
Chloroethane
Concen: 1.171 ug/l
RT: 1.709 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 64 Resp: 295

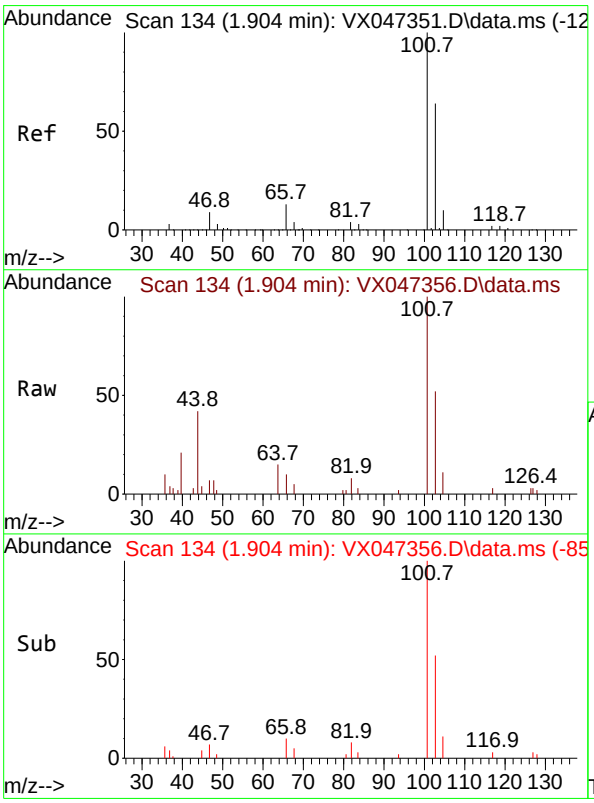
Ion	Ratio	Lower	Upper
64	100		
66	35.5	24.4	36.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

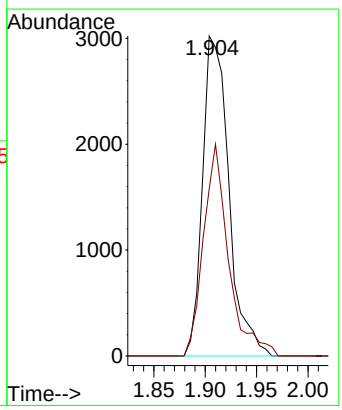
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

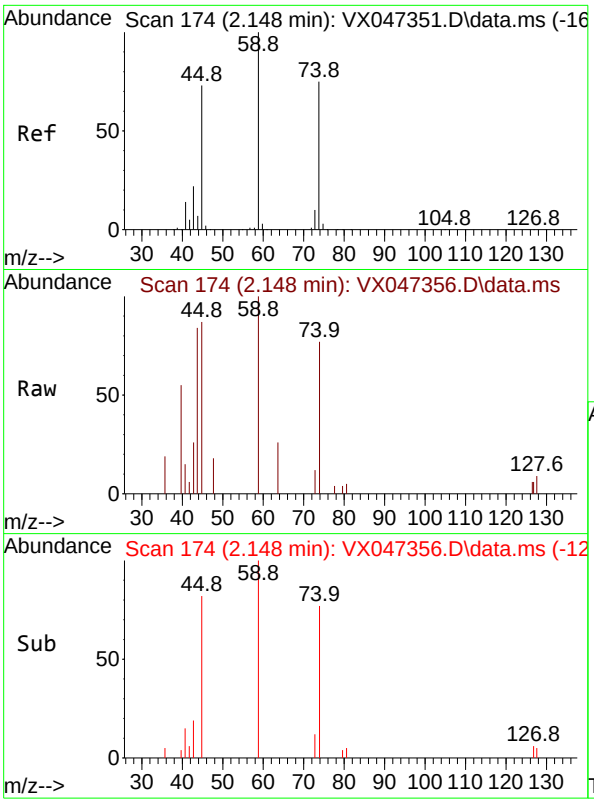


#7
Trichlorofluoromethane
Concen: 0.881 ug/l
RT: 1.904 min Scan# 134
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion:101 Resp: 5369

Ion	Ratio	Lower	Upper
101	100		
103	52.3	50.9	76.3





#8
Diethyl Ether
Concen: 0.908 ug/l
RT: 2.148 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

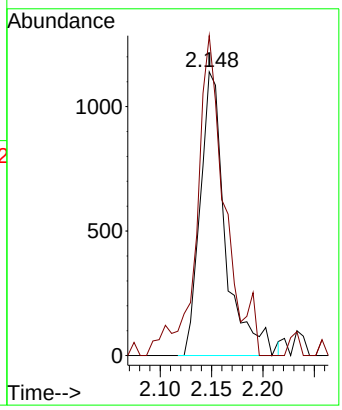
Tgt Ion: 74 Resp: 194

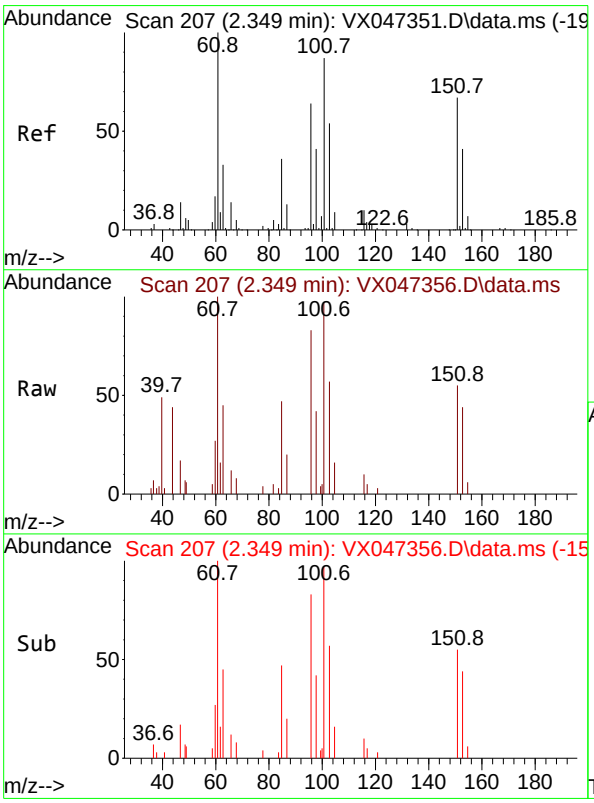
Ion	Ratio	Lower	Upper
74	100		
45	125.6	51.3	154.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

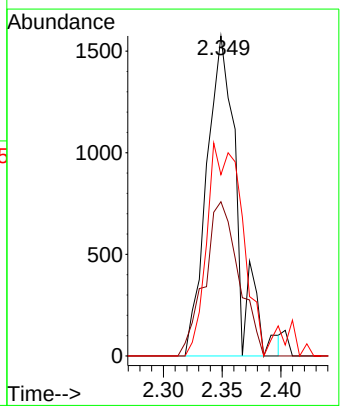


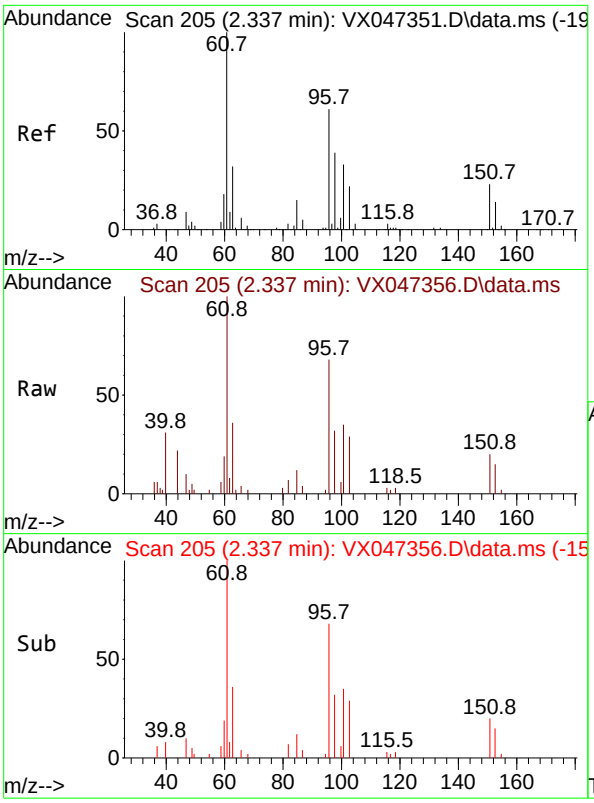


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.801 ug/l
RT: 2.349 min Scan# 207
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion:101 Resp: 2830

Ion	Ratio	Lower	Upper
101	100		
85	54.2	34.3	51.5#
151	78.2	59.2	88.8

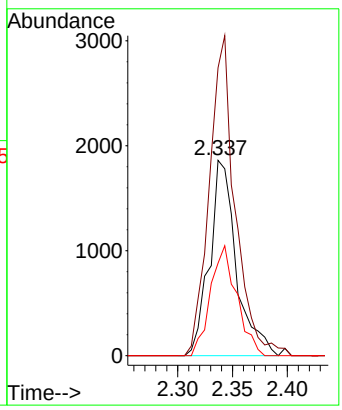




#12
1,1-Dichloroethene
Concen: 0.882 ug/l
RT: 2.337 min Scan# 2(
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 96 Resp: 317(

Ion	Ratio	Lower	Upper
96	100		
61	147.3	132.2	198.2
98	47.3	51.2	76.8#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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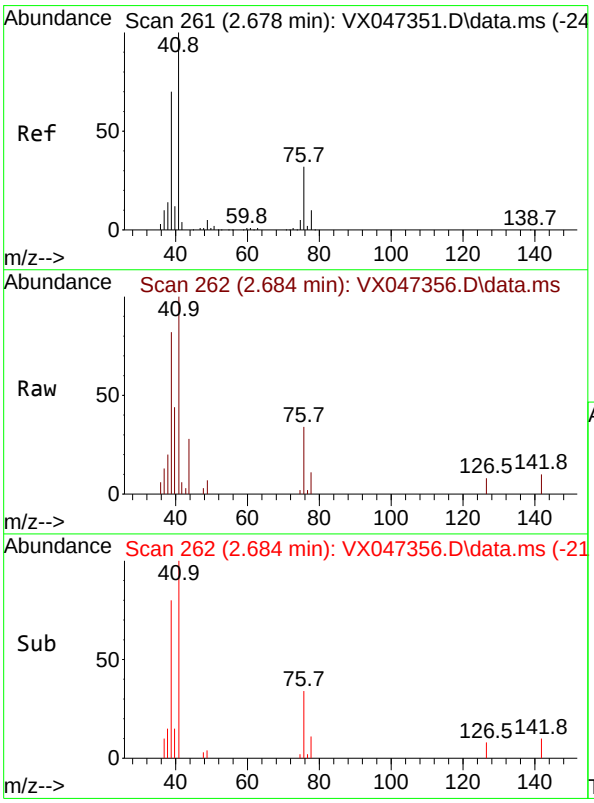
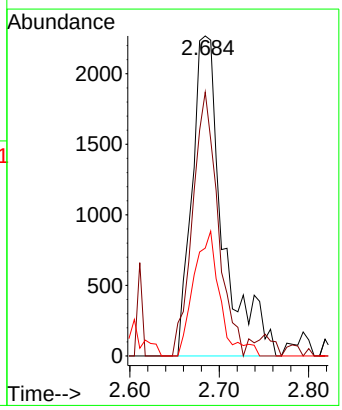
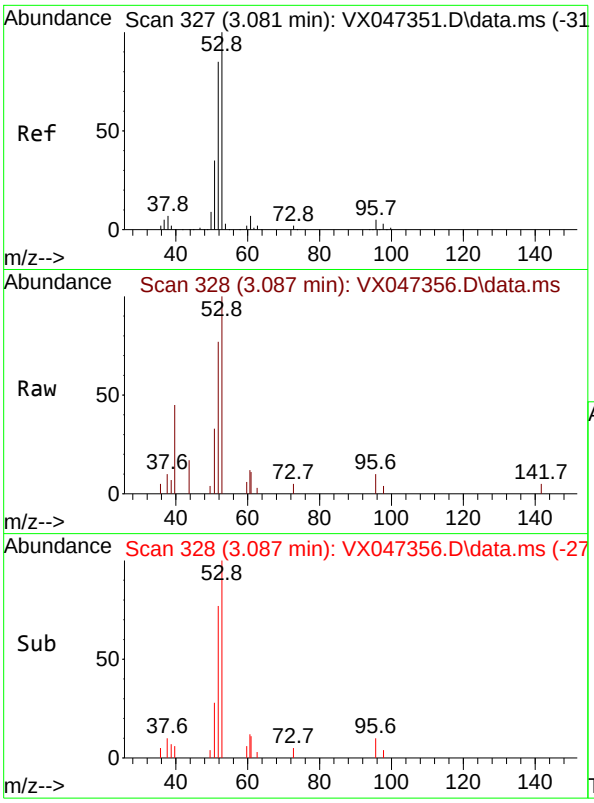


#14
Allyl chloride
Concen: 0.869 ug/l m
RT: 2.684 min Scan# 262
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 41 Resp: 5441

Ion	Ratio	Lower	Upper
41	100		
39	67.5	54.6	81.8
76	33.1	27.6	41.4

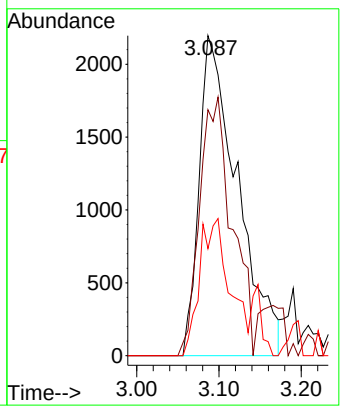




#15
Acrylonitrile
Concen: 4.221 ug/l
RT: 3.087 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 53 Resp: 710

Ion	Ratio	Lower	Upper
53	100		
52	68.4	65.8	98.6
51	34.0	28.2	42.2



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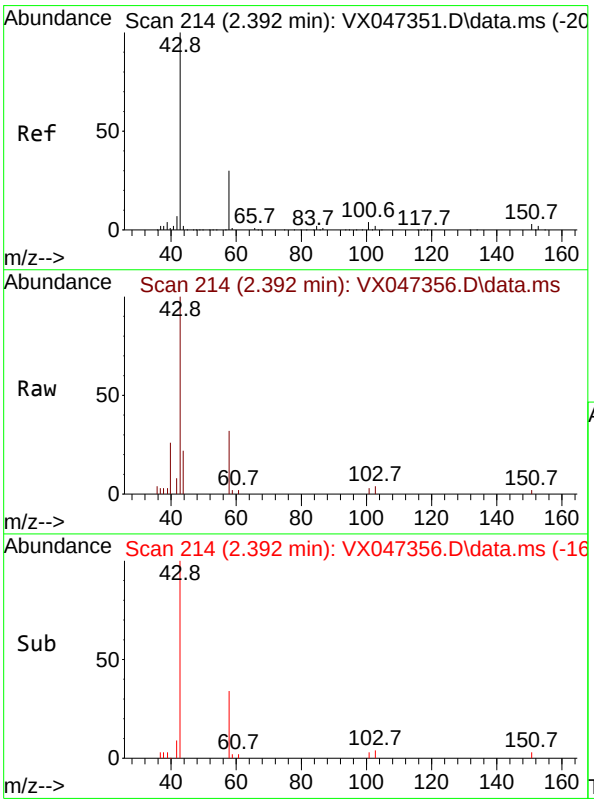
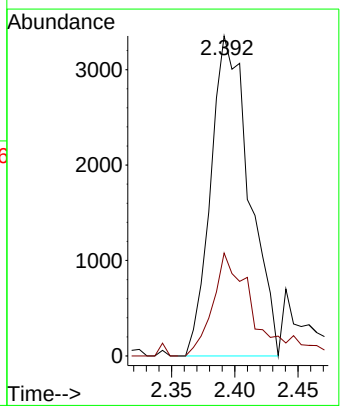
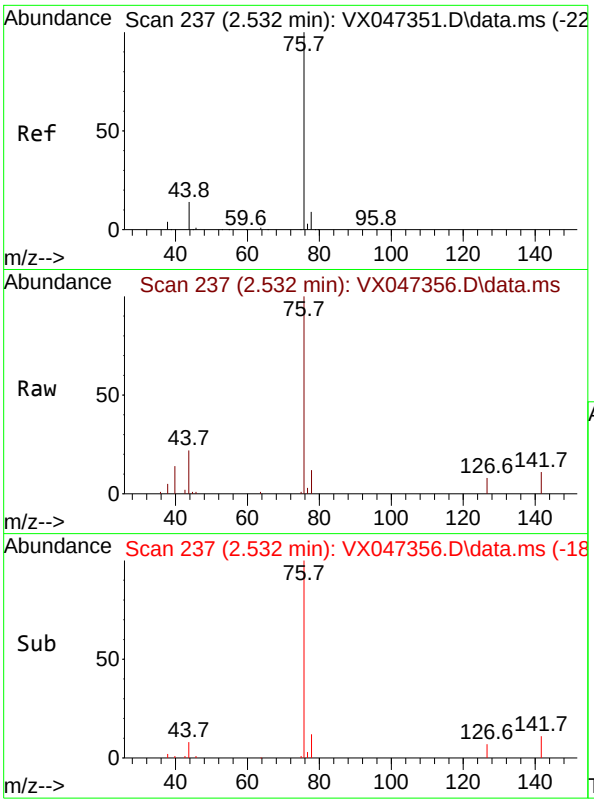


#16
Acetone
Concen: 4.732 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 43 Resp: 7123

Ion	Ratio	Lower	Upper
43	100		
58	26.3	24.8	37.2





#17
Carbon Disulfide
Concen: 1.089 ug/l
RT: 2.532 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 76 Resp: 1184

Ion	Ratio	Lower	Upper
76	100		
78	11.5	7.2	10.8#

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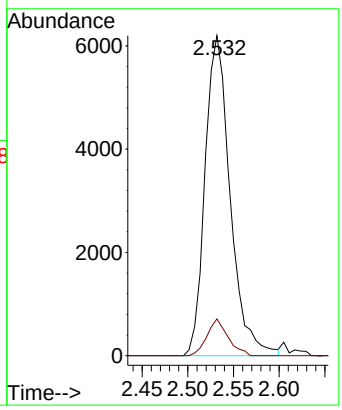
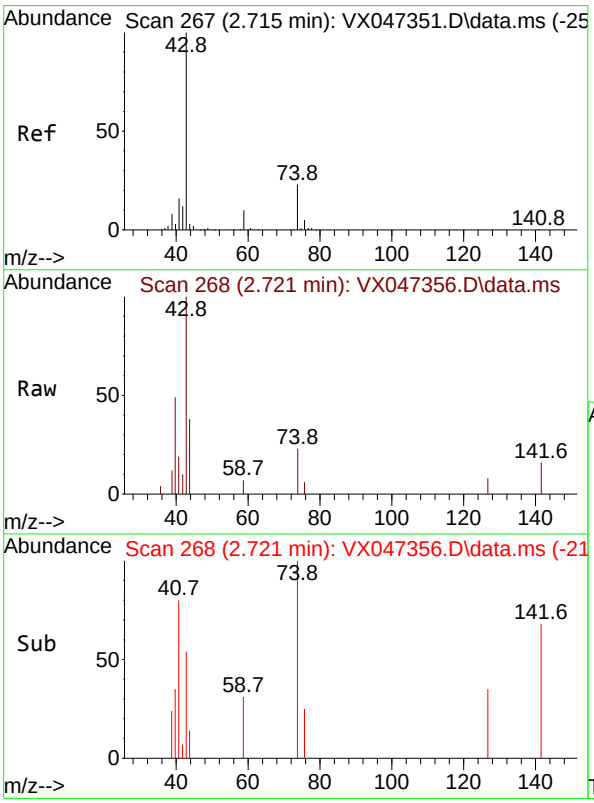
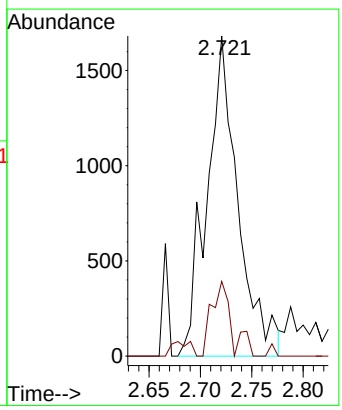


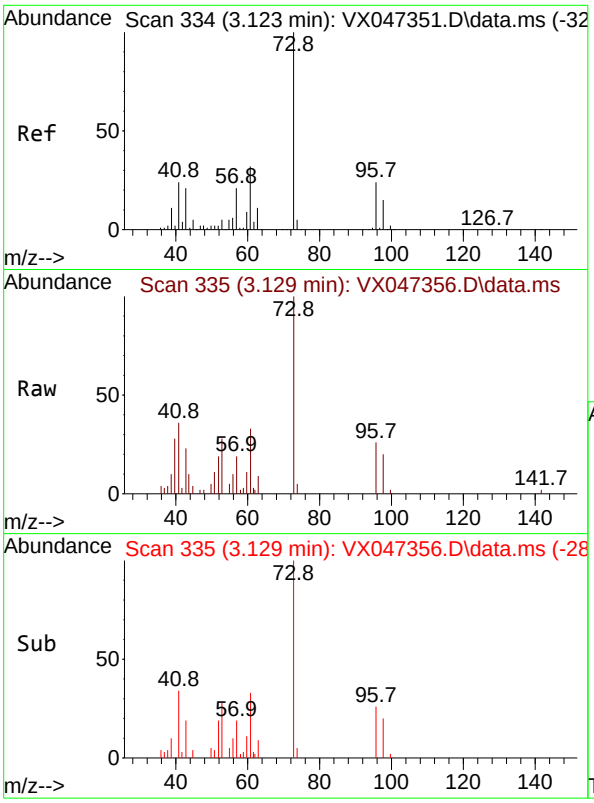


#18
Methyl Acetate
Concen: 0.912 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 43 Resp: 3556

Ion	Ratio	Lower	Upper
43	100		
74	15.0	18.4	27.6#





#19
Methyl tert-butyl Ether
Concen: 0.811 ug/l
RT: 3.129 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 73 Resp: 889

Ion	Ratio	Lower	Upper
73	100		
57	18.9	17.0	25.6

Instrument :
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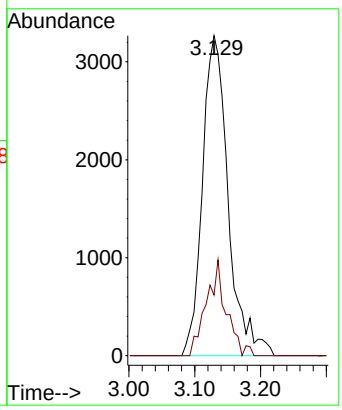
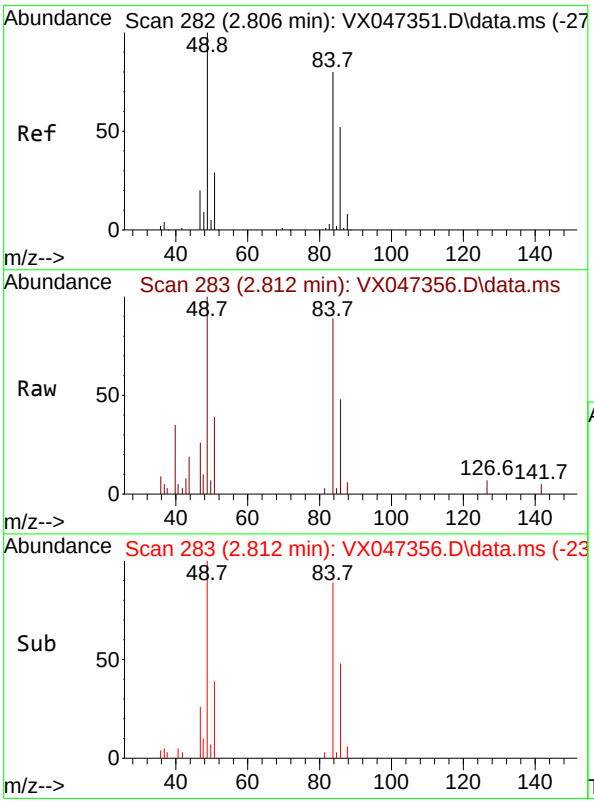
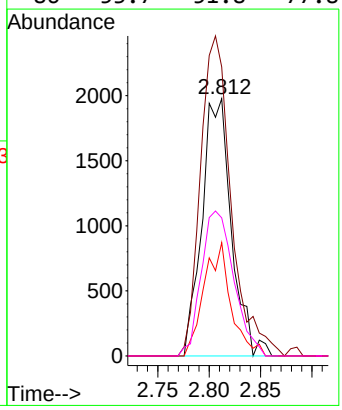


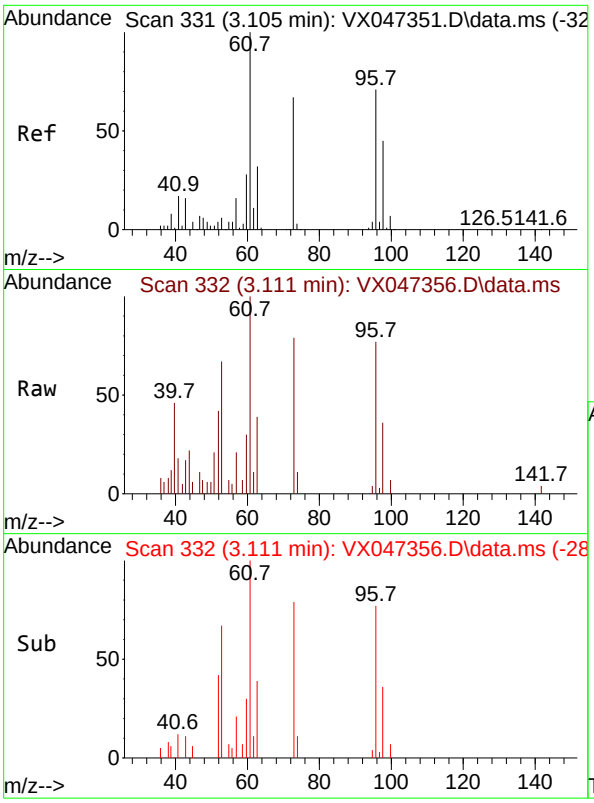


#20
Methylene Chloride
Concen: 0.992 ug/l
RT: 2.812 min Scan# 283
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 84 Resp: 3953

Ion	Ratio	Lower	Upper
84	100		
49	112.3	100.1	150.1
51	44.0	29.5	44.3
86	53.7	51.8	77.8

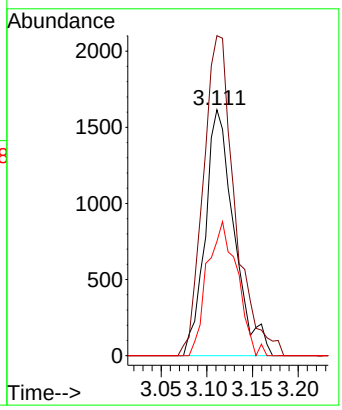




#21
trans-1,2-Dichloroethene
Concen: 0.929 ug/l
RT: 3.111 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 96 Resp: 355

Ion	Ratio	Lower	Upper
96	100		
61	130.2	112.6	169.0
98	46.4	50.9	76.3#



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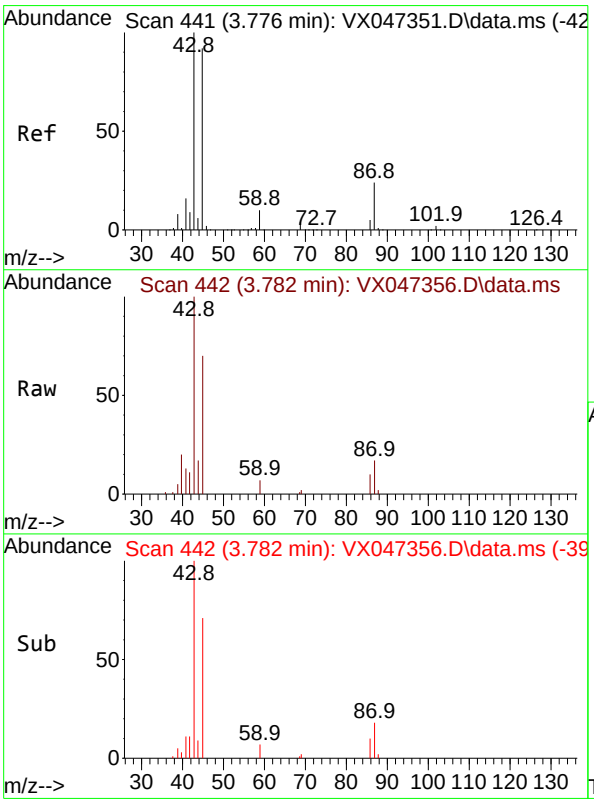
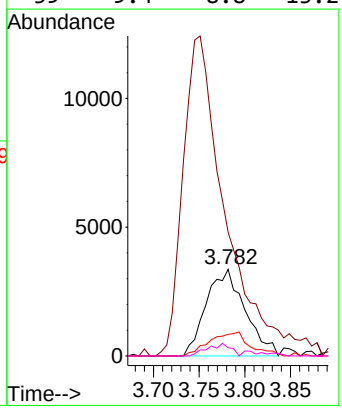
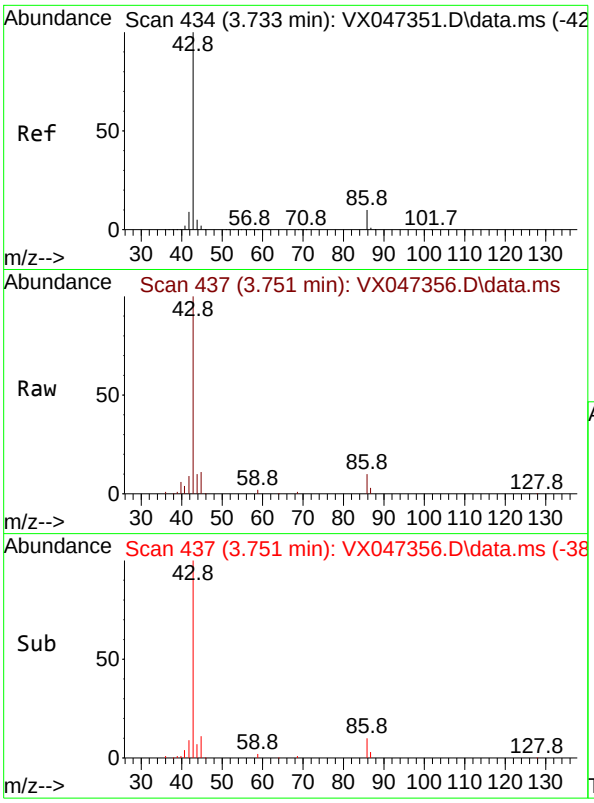


#22
Diisopropyl ether
Concen: 0.803 ug/l
RT: 3.782 min Scan# 442
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 45 Resp: 9930

Ion	Ratio	Lower	Upper
45	100		
43	113.1	86.8	130.2
87	24.9	20.4	30.6
59	9.4	8.8	13.2





#23
Vinyl Acetate
Concen: 3.984 ug/l
RT: 3.751 min Scan# 4
Delta R.T. 0.018 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 43 Resp: 4039

Ion	Ratio	Lower	Upper
43	100		
86	13.7	7.9	11.9#

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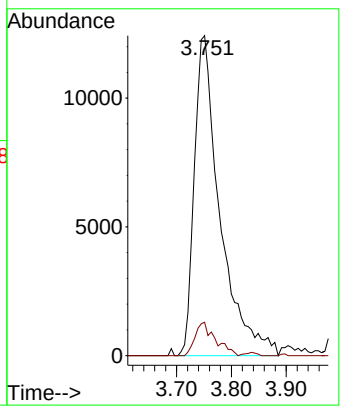
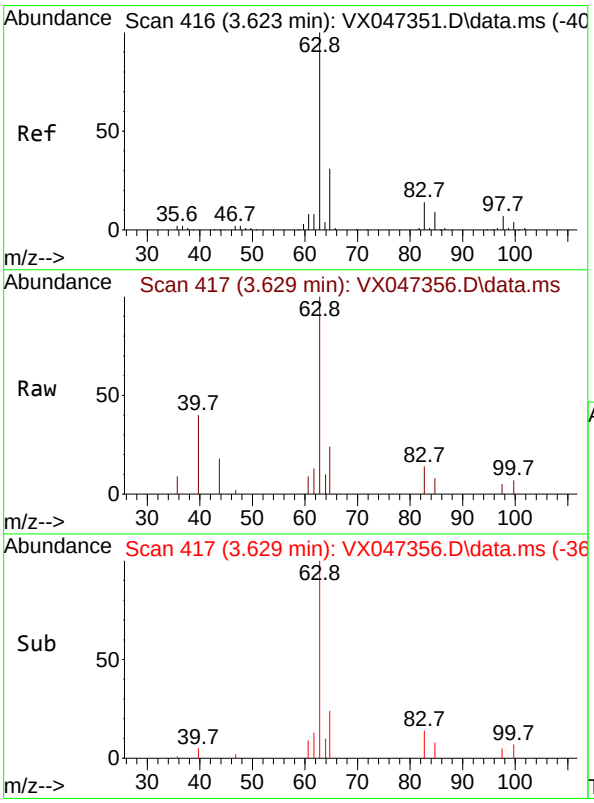
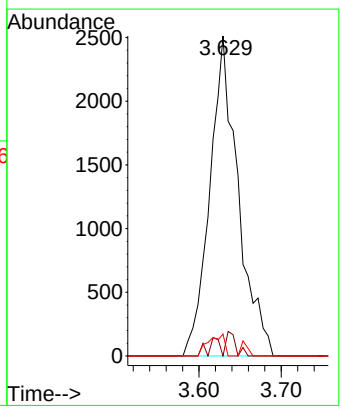


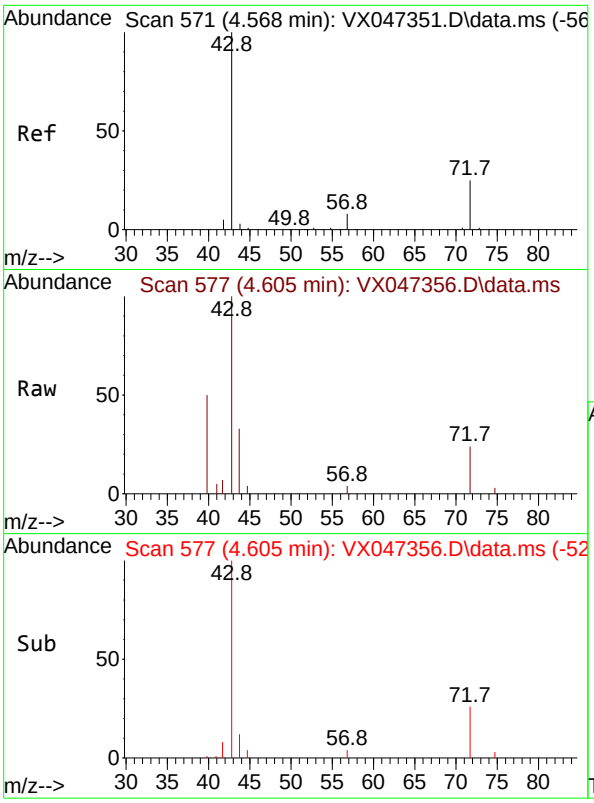


#24
1,1-Dichloroethane
Concen: 0.861 ug/l
RT: 3.629 min Scan# 417
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 63 Resp: 6019

Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.3	9.9#
100	6.8	2.1	6.3#





#25
2-Butanone
Concen: 4.166 ug/l
RT: 4.605 min Scan# 5
Delta R.T. 0.036 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 43 Resp: 821

Ion	Ratio	Lower	Upper
43	100		
72	18.3	19.8	29.8#

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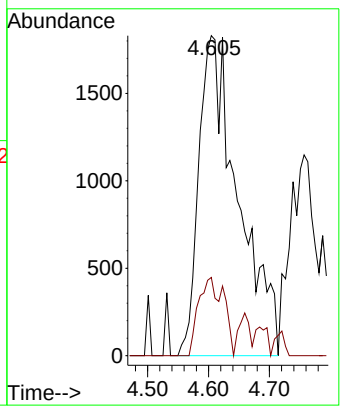
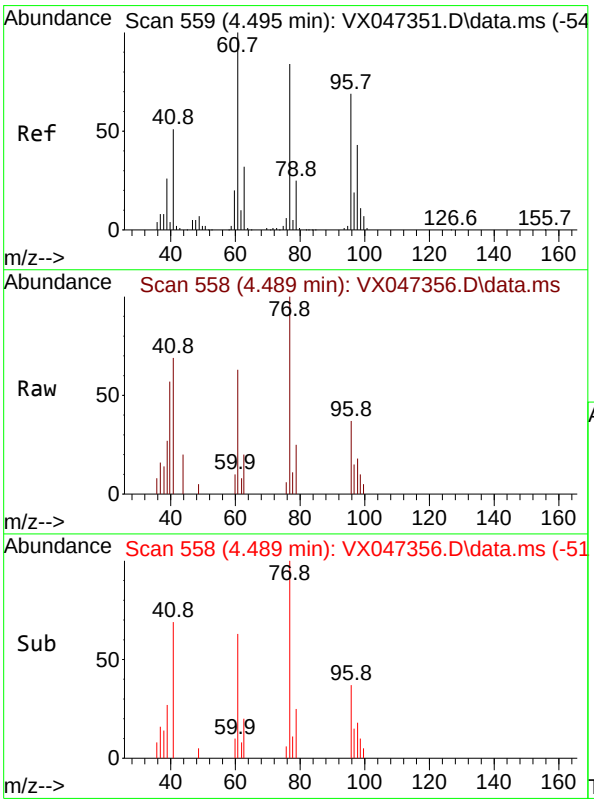
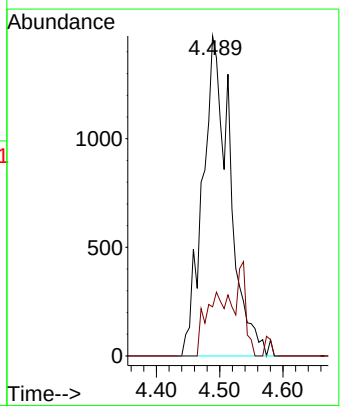


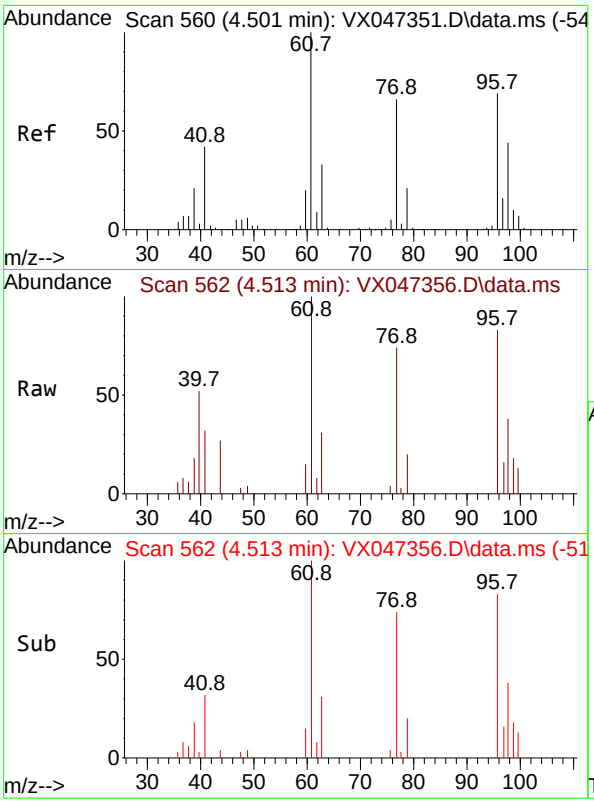


#26
2,2-Dichloropropane
Concen: 0.842 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 77 Resp: 4442

Ion	Ratio	Lower	Upper
77	100		
97	13.1	11.4	34.1

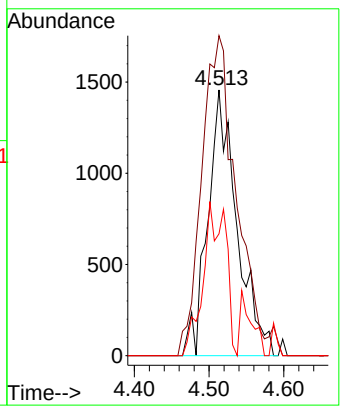




#27
cis-1,2-Dichloroethene
Concen: 0.889 ug/l
RT: 4.513 min Scan# 5
Delta R.T. 0.012 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 96 Resp: 396

Ion	Ratio	Lower	Upper
96	100		
61	140.7	0.0	296.6
98	44.5	0.0	130.4



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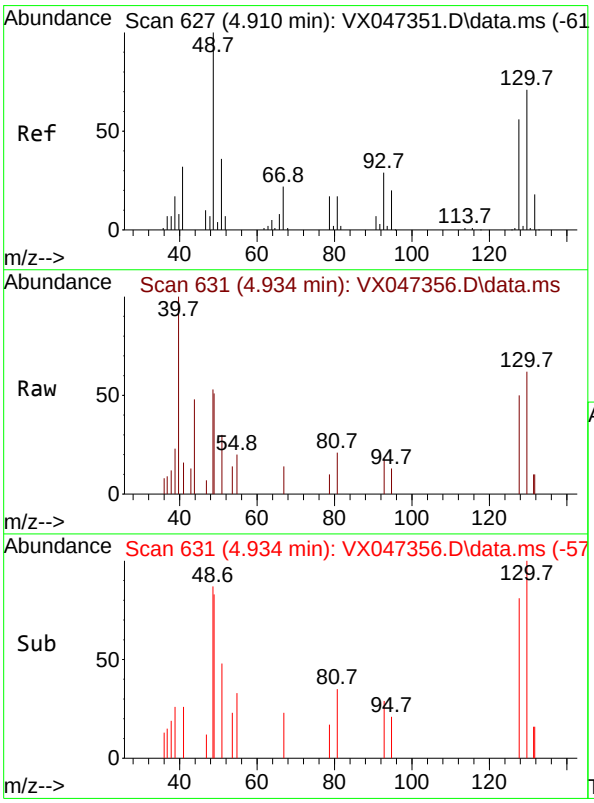
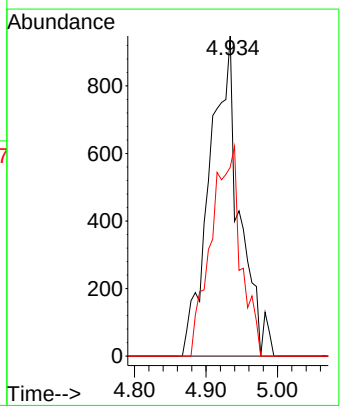
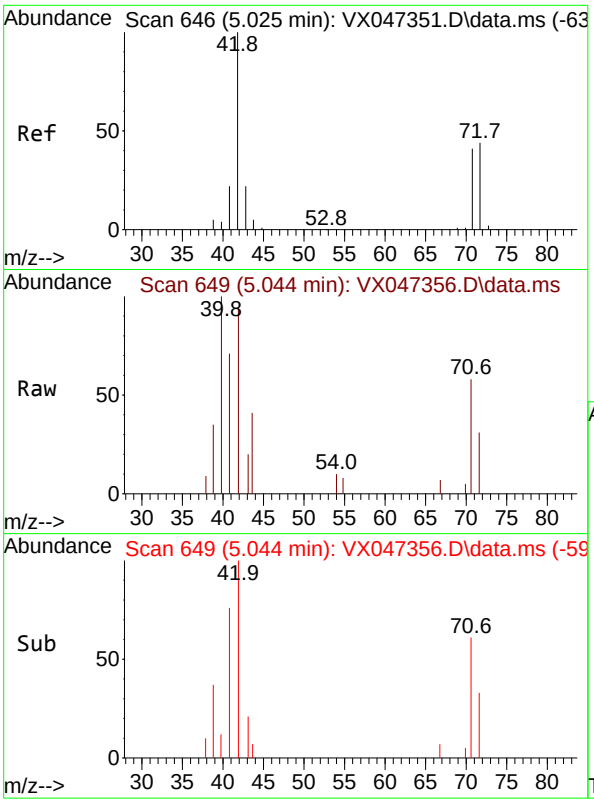


#28
Bromochloromethane
Concen: 0.945 ug/l
RT: 4.934 min Scan# 631
Delta R.T. 0.024 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 49 Resp: 2750

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	65.1	59.8	89.6

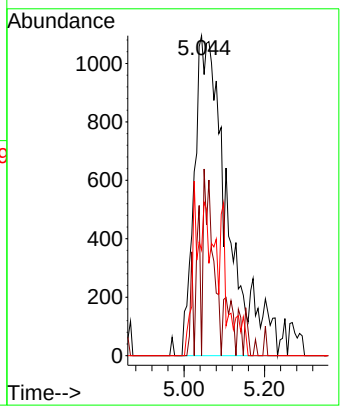




#29
Tetrahydrofuran
Concen: 4.923 ug/l m
RT: 5.044 min Scan# 64
Delta R.T. 0.018 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 42 Resp: 627

Ion	Ratio	Lower	Upper
42	100		
72	16.3	34.6	51.8#
71	13.8	32.6	49.0#



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ClientSampleId :
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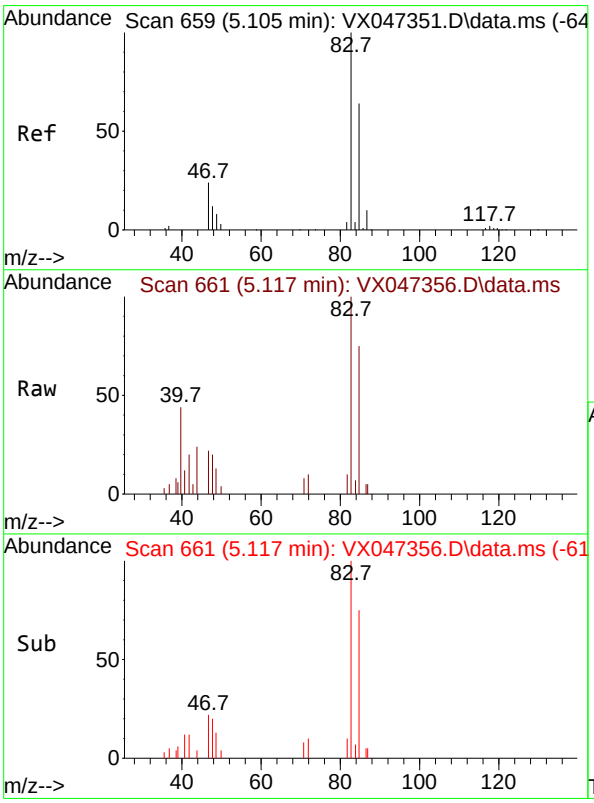
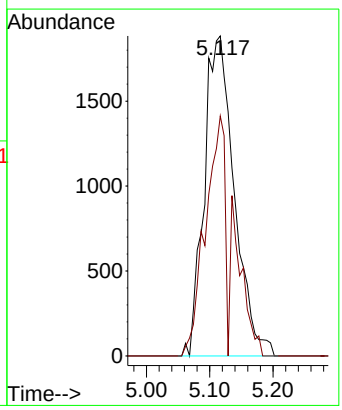
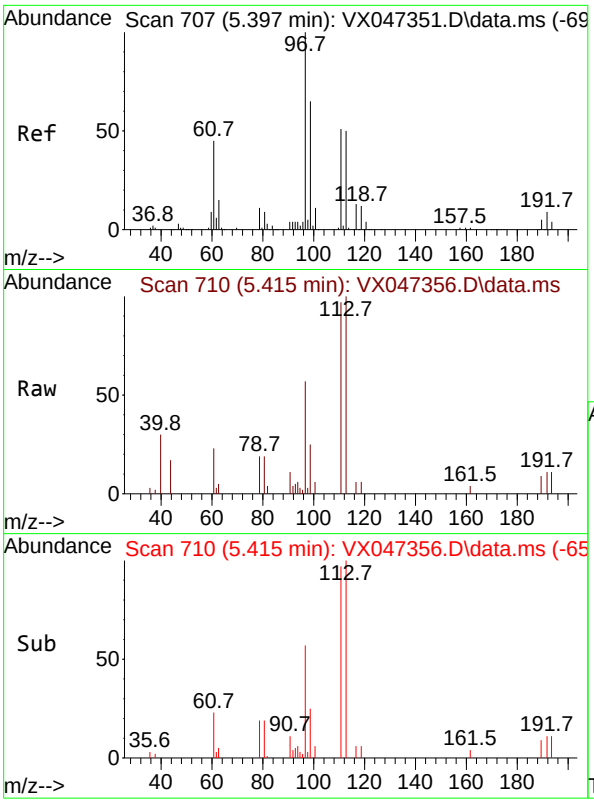


#30
Chloroform
Concen: 0.875 ug/l
RT: 5.117 min Scan# 661
Delta R.T. 0.012 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 83 Resp: 6246

Ion	Ratio	Lower	Upper
83	100		
85	75.0	51.2	76.8





#32
1,1,1-Trichloroethane
Concen: 0.804 ug/l
RT: 5.415 min Scan# 7
Delta R.T. 0.018 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 97 Resp: 493

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.4	77.0
61	49.3	35.7	53.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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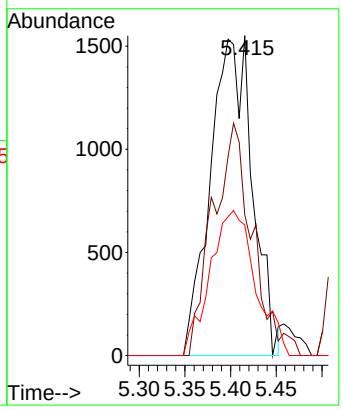
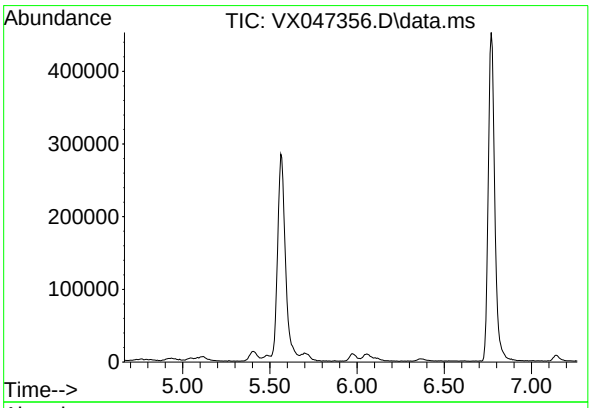
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



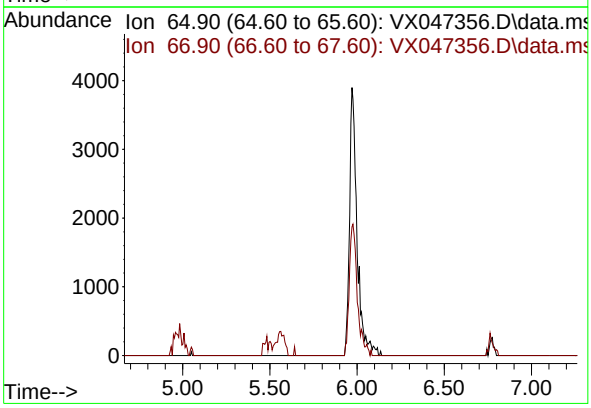


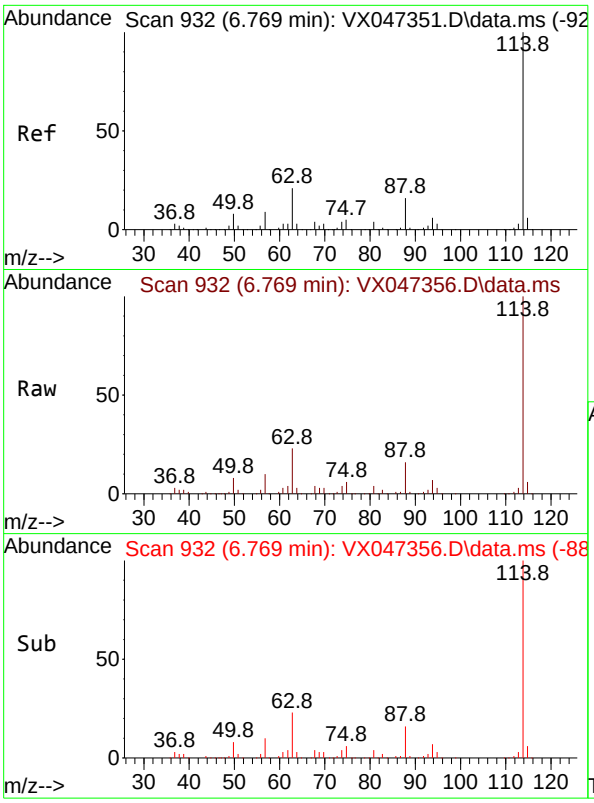
#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 5.96 min

Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 65

Sig	Exp Ratio
65	100
67	53.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion:114 Resp: 49468

Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	42.4
88	16.1	0.0	33.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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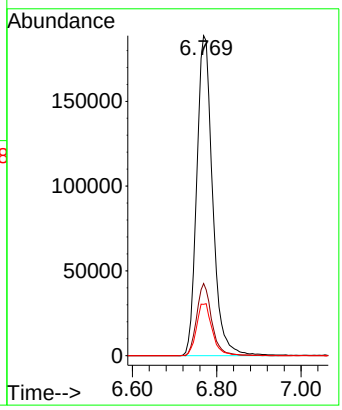
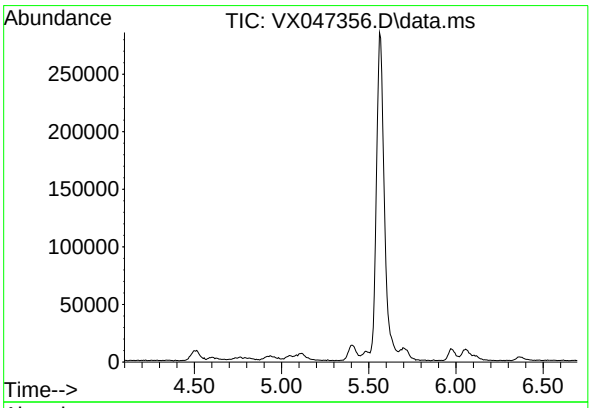


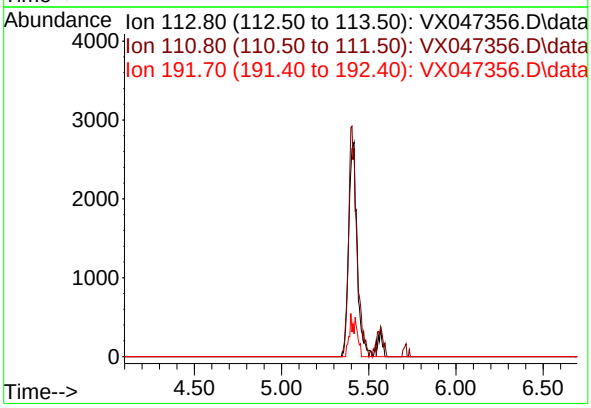


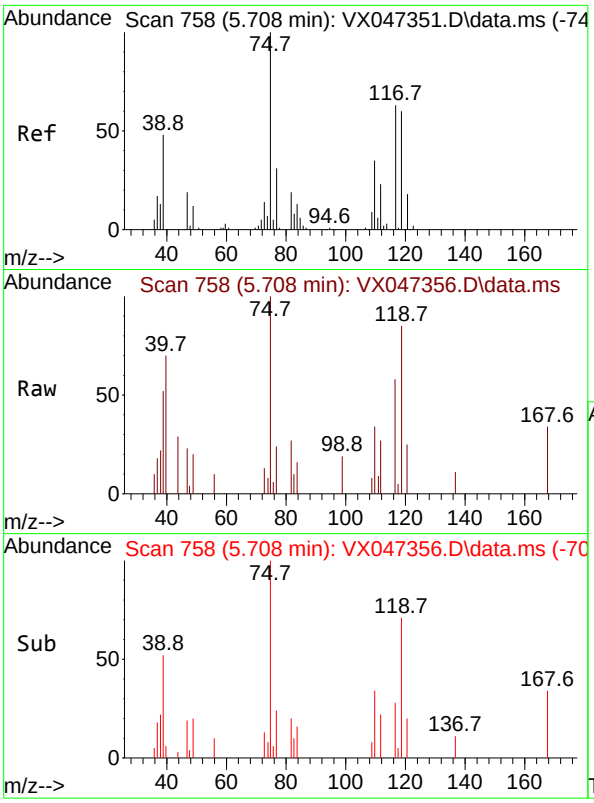
#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 5.40 min

Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 113

Sig	Exp Ratio
113	100
111	101.8
192	17.6

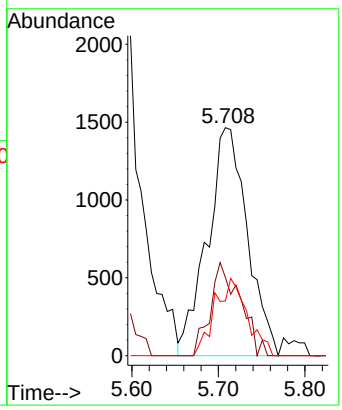




#36
1,1-Dichloropropene
Concen: 0.926 ug/l
RT: 5.708 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 75 Resp: 469

Ion	Ratio	Lower	Upper
75	100		
110	30.7	17.4	52.2
77	27.4	24.4	36.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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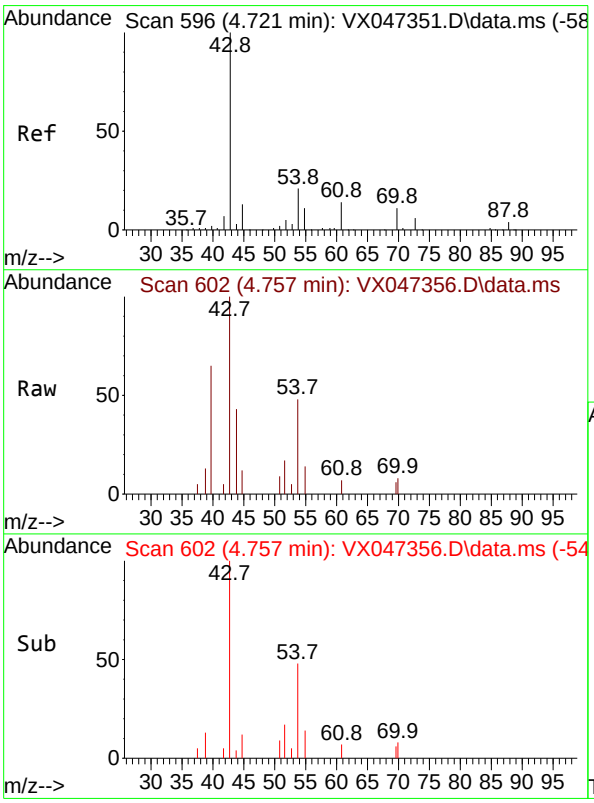
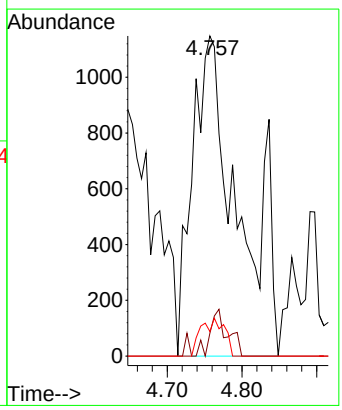
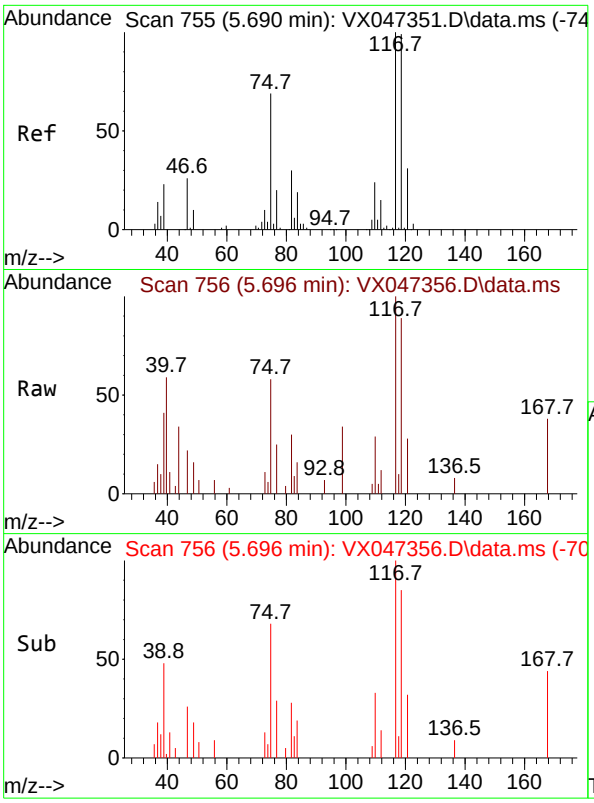


#37
Ethyl Acetate
Concen: 0.924 ug/l m
RT: 4.757 min Scan# 602
Delta R.T. 0.036 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 43 Resp: 4864

Ion	Ratio	Lower	Upper
43	100		
61	5.7	9.4	14.2#
70	2.9	7.0	10.6#





#38
Carbon Tetrachloride
Concen: 0.921 ug/l
RT: 5.696 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion:117 Resp: 510

Ion	Ratio	Lower	Upper
117	100		
119	89.4	78.5	117.7
121	27.5	24.7	37.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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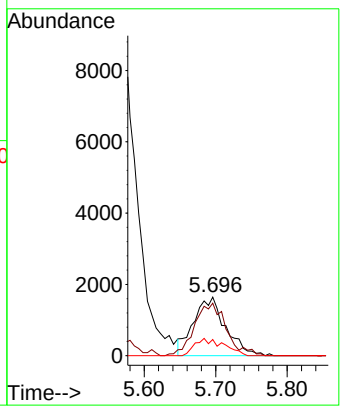
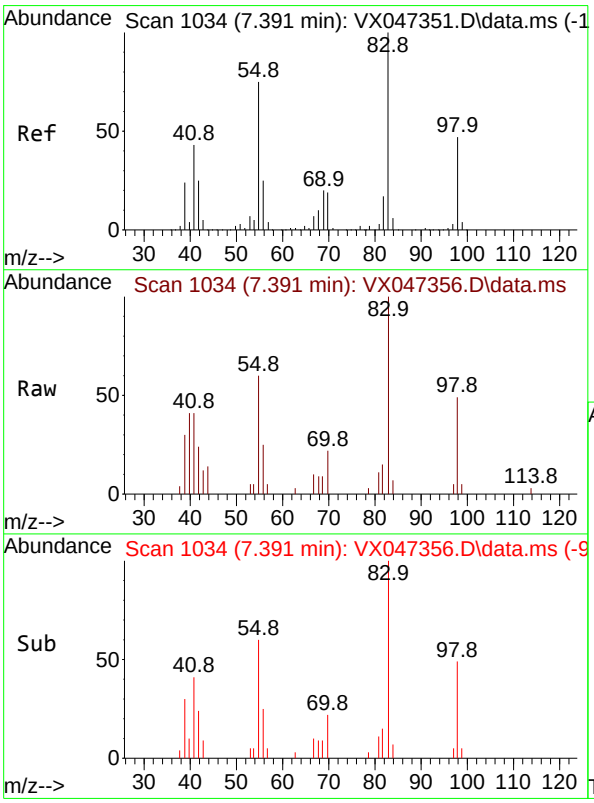
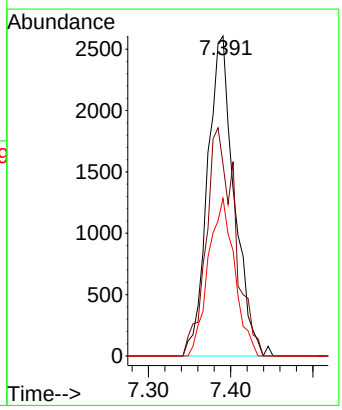


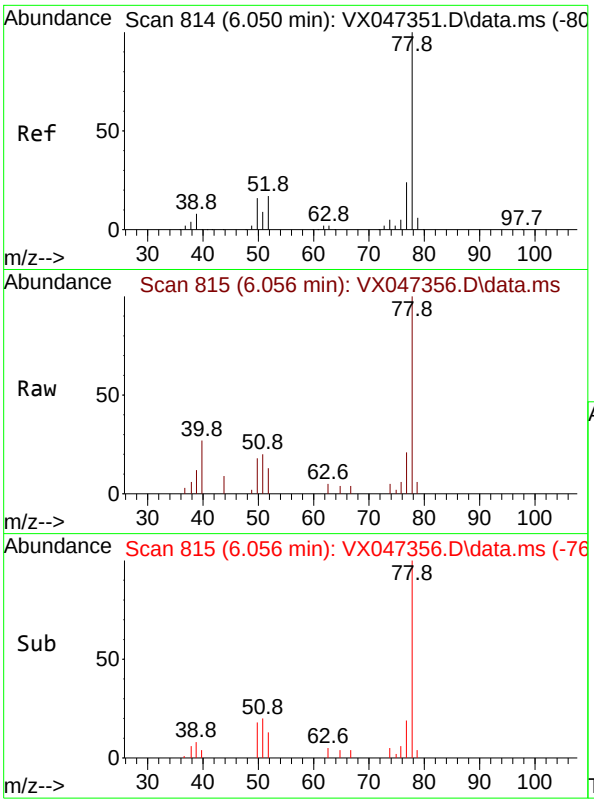


#39
Methylcyclohexane
Concen: 0.931 ug/l
RT: 7.391 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 83 Resp: 5884

Ion	Ratio	Lower	Upper
83	100		
55	60.0	60.0	90.0
98	49.3	37.2	55.8





#40
Benzene
Concen: 0.855 ug/l
RT: 6.056 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 78 Resp: 1297

Ion	Ratio	Lower	Upper
78	100		
77	19.9	19.0	28.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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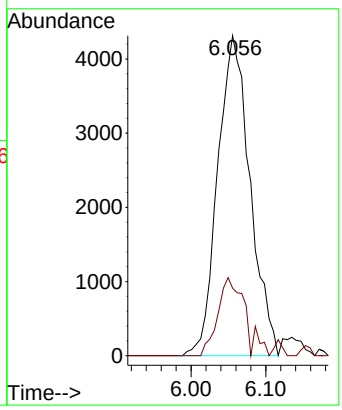
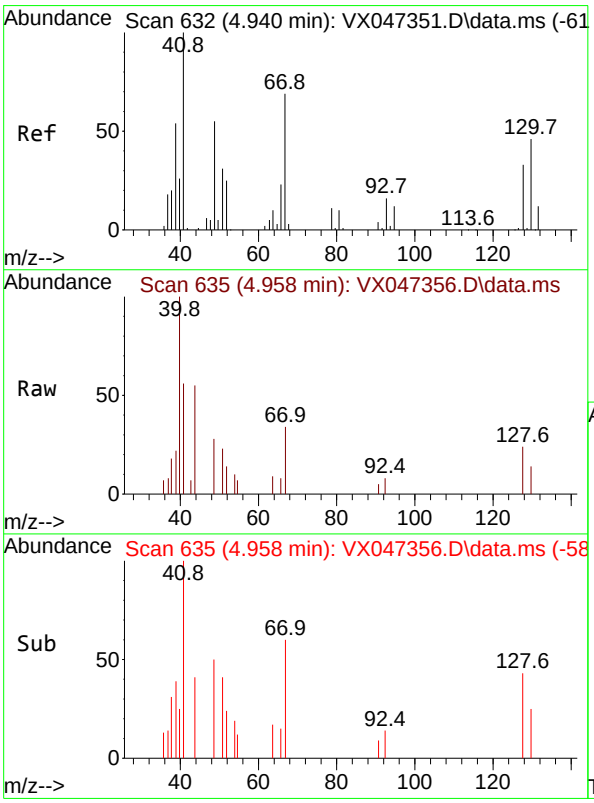
Supervised By :Mahesh Dadoda 08/19/2025

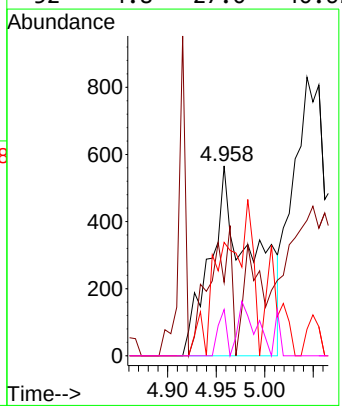


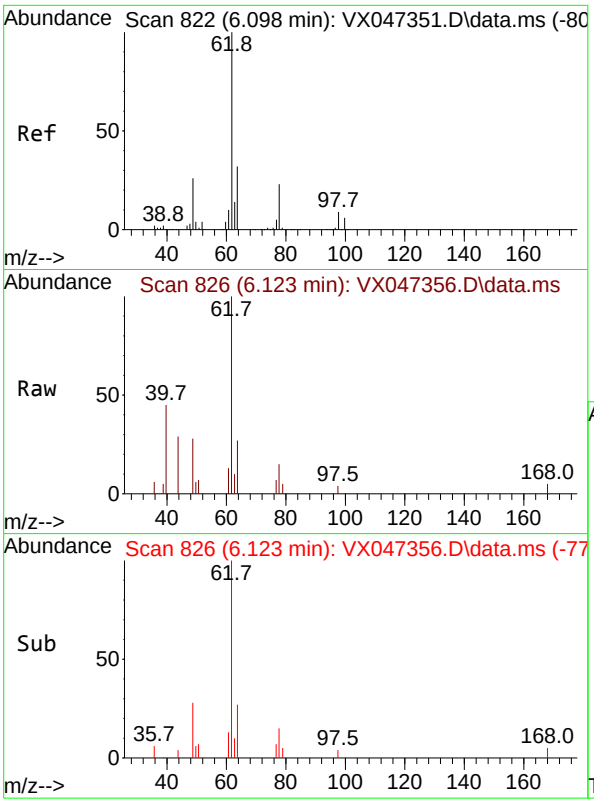


#41
Methacrylonitrile
Concen: 0.782 ug/l m
RT: 4.958 min Scan# 635
Delta R.T. 0.018 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 41 Resp: 1736

Ion	Ratio	Lower	Upper
41	100		
39	33.1	45.4	68.2#
67	35.9	64.0	96.0#
52	4.8	27.0	40.6#





#42
1,2-Dichloroethane
Concen: 0.890 ug/l
RT: 6.123 min Scan# 8
Delta R.T. 0.024 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 62 Resp: 478

Ion	Ratio	Lower	Upper
62	100		
98	4.7	0.0	18.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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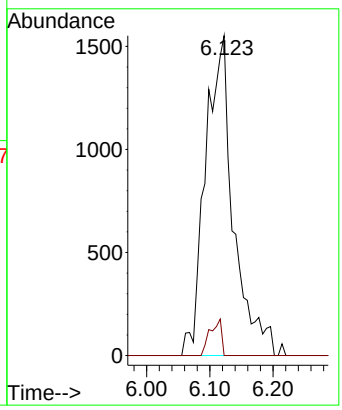
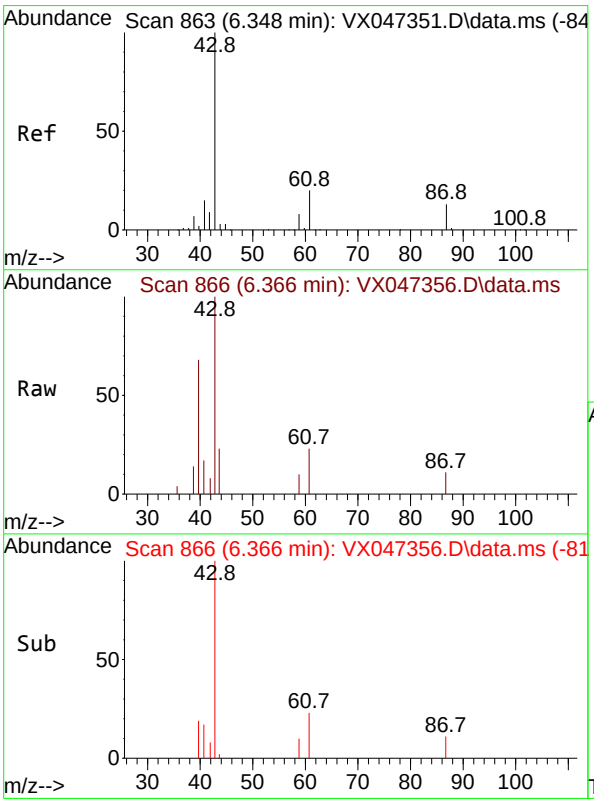
Supervised By :Mahesh Dadoda 08/19/2025

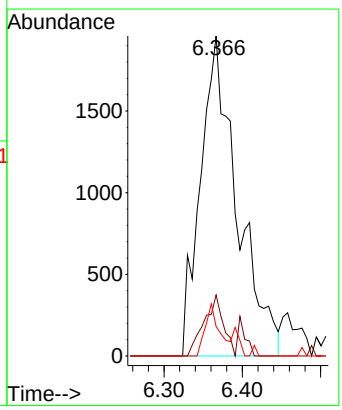


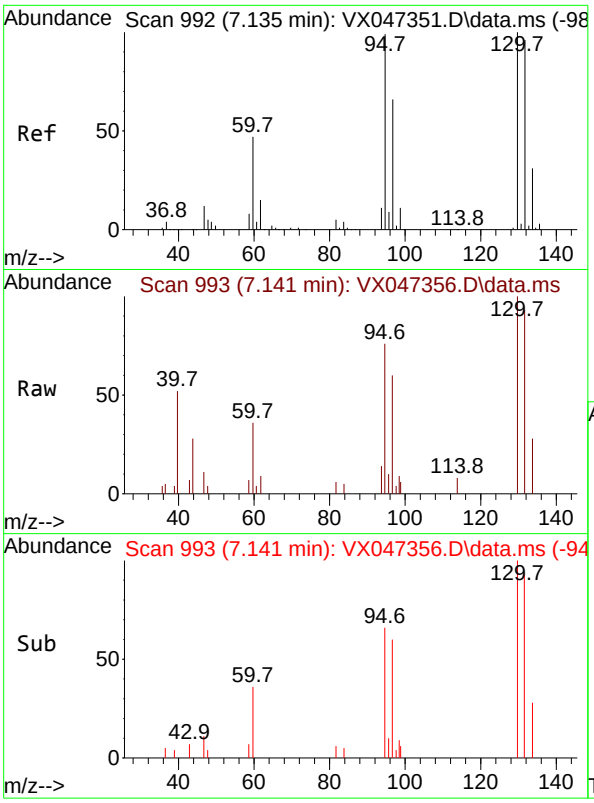


#43
Isopropyl Acetate
Concen: 0.844 ug/l
RT: 6.366 min Scan# 866
Delta R.T. 0.018 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 43 Resp: 6382

Ion	Ratio	Lower	Upper
43	100		
61	10.0	15.4	23.0#
87	6.4	10.2	15.4#





#44
Trichloroethene
Concen: 0.857 ug/l
RT: 7.141 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion:130 Resp: 332

Ion	Ratio	Lower	Upper
130	100		
95	86.1	0.0	198.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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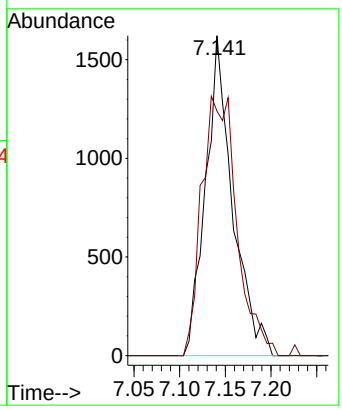
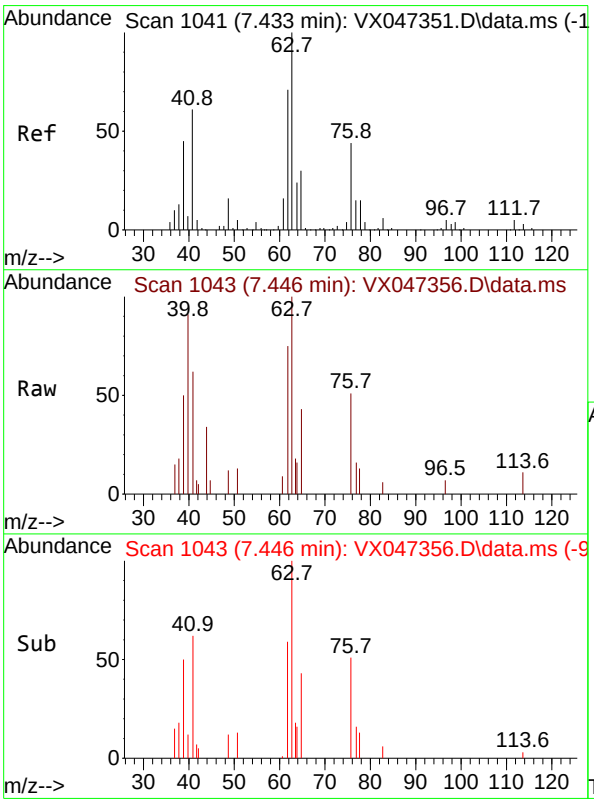
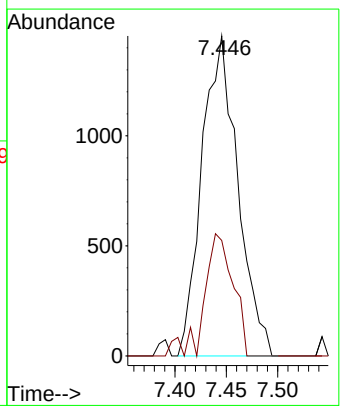


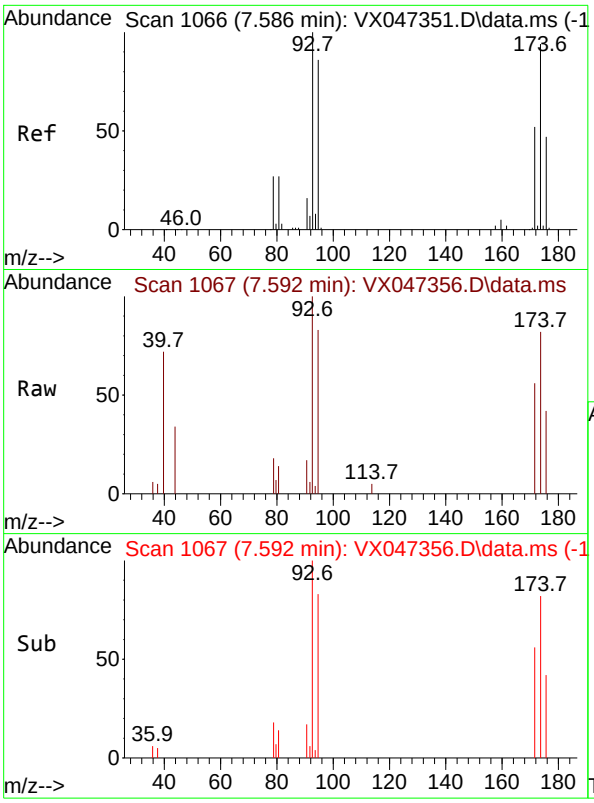


#45
1,2-Dichloropropane
Concen: 0.929 ug/l
RT: 7.446 min Scan# 1043
Delta R.T. 0.012 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 63 Resp: 3532

Ion	Ratio	Lower	Upper
63	100		
65	36.1	23.8	35.6#

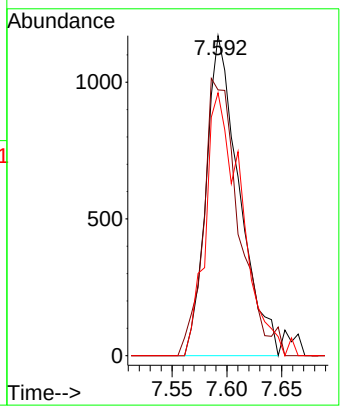




#46
Dibromomethane
Concen: 0.889 ug/l
RT: 7.592 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 93 Resp: 245

Ion	Ratio	Lower	Upper
93	100		
95	92.7	68.0	102.0
174	90.2	75.8	113.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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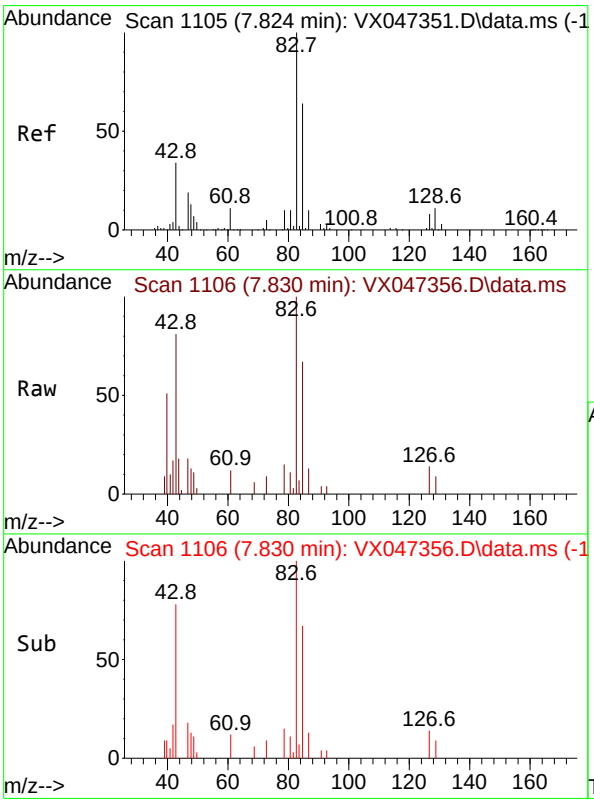
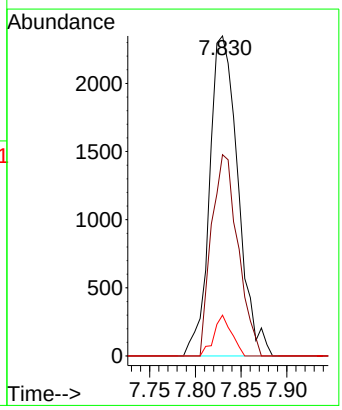
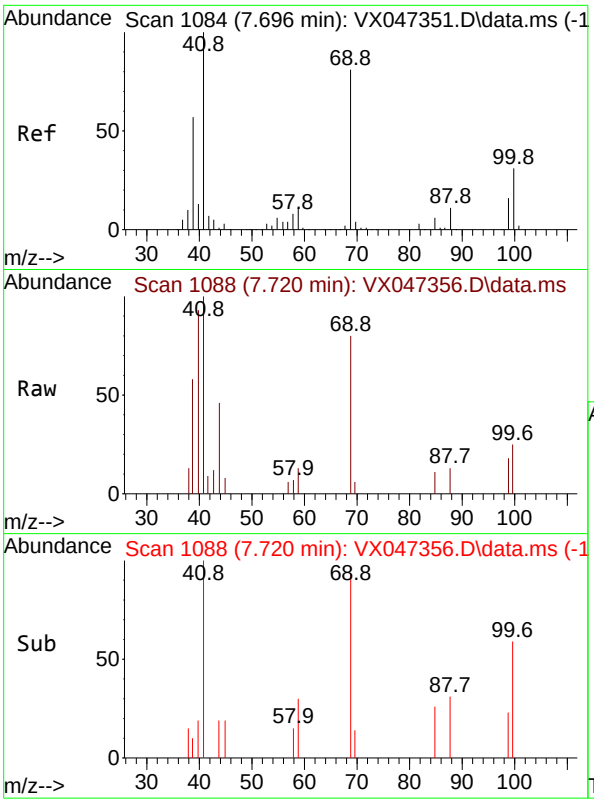


#47
Bromodichloromethane
Concen: 0.888 ug/l
RT: 7.830 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 83 Resp: 5078

Ion	Ratio	Lower	Upper
83	100		
85	62.9	51.0	76.6
127	12.8	7.0	10.4#

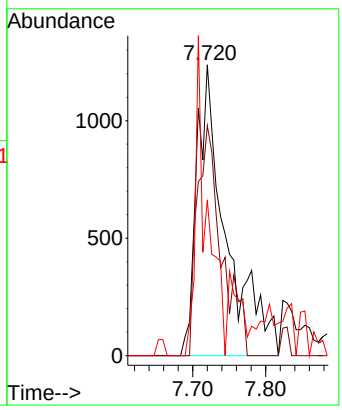




#48
Methyl methacrylate
Concen: 0.887 ug/l m
RT: 7.720 min Scan# 1
Delta R.T. 0.024 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 41 Resp: 348

Ion	Ratio	Lower	Upper
41	100		
69	65.9	65.0	97.4
39	43.9	45.7	68.5#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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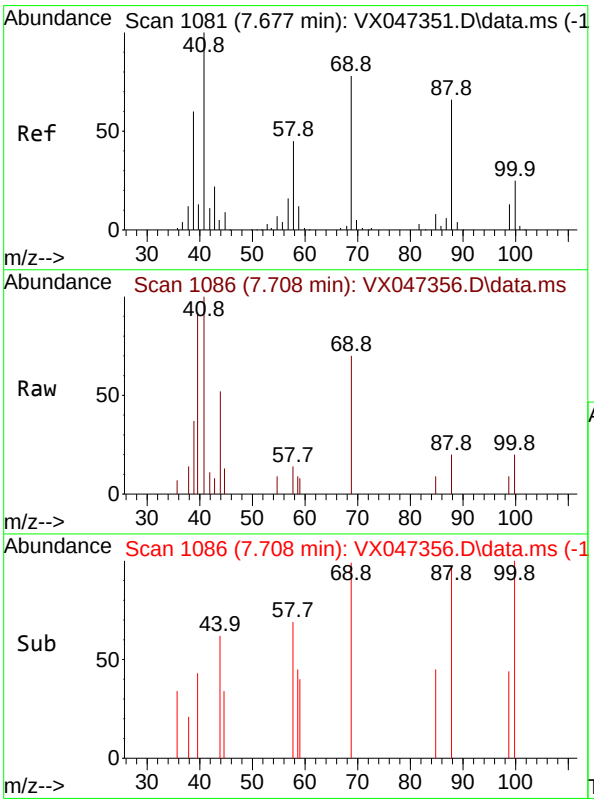
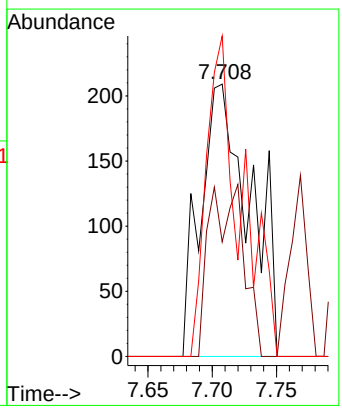
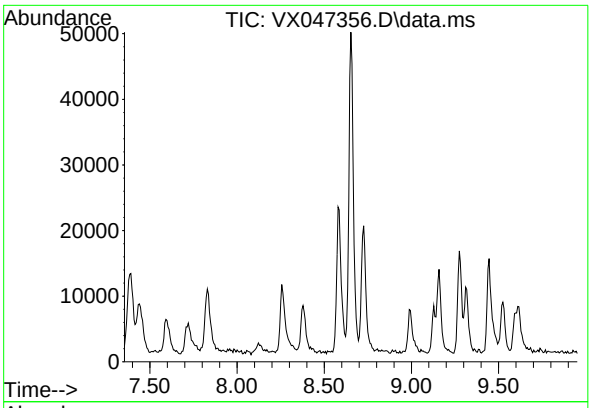


#49
1,4-Dioxane
Concen: 15.003 ug/l m
RT: 7.708 min Scan# 1086
Delta R.T. 0.030 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 88 Resp: 559

Ion	Ratio	Lower	Upper
88	100		
43	0.0	32.4	48.6#
58	58.0	56.9	85.3





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

Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 98

Sig	Exp Ratio
98	100
100	67.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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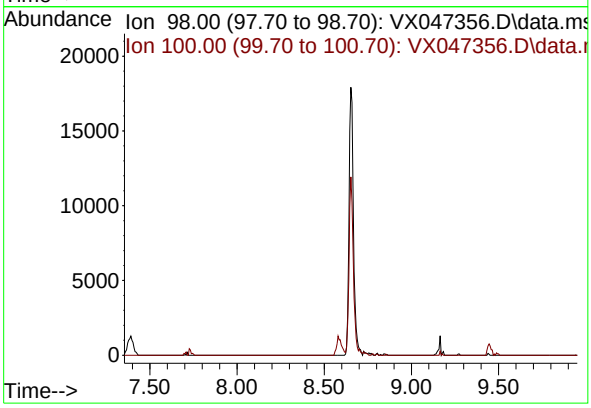
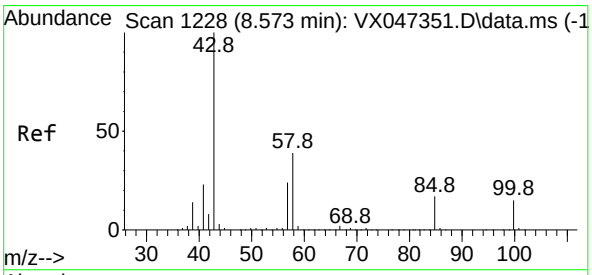
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

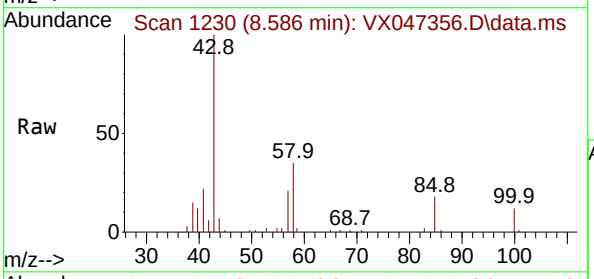


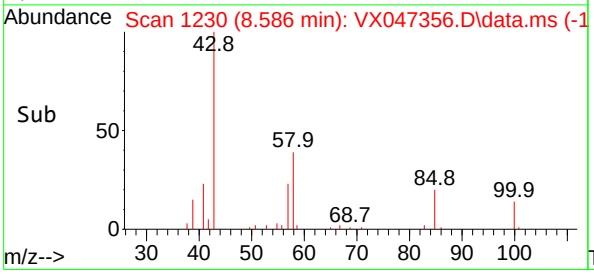


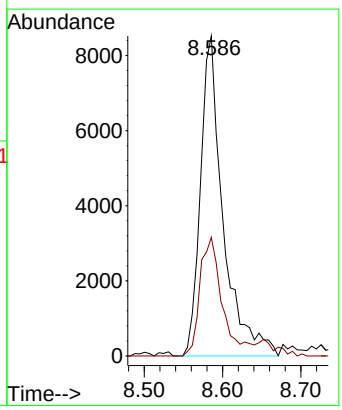
#51
4-Methyl-2-Pentanone
Concen: 3.933 ug/l
RT: 8.586 min Scan# 1230
Delta R.T. 0.012 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

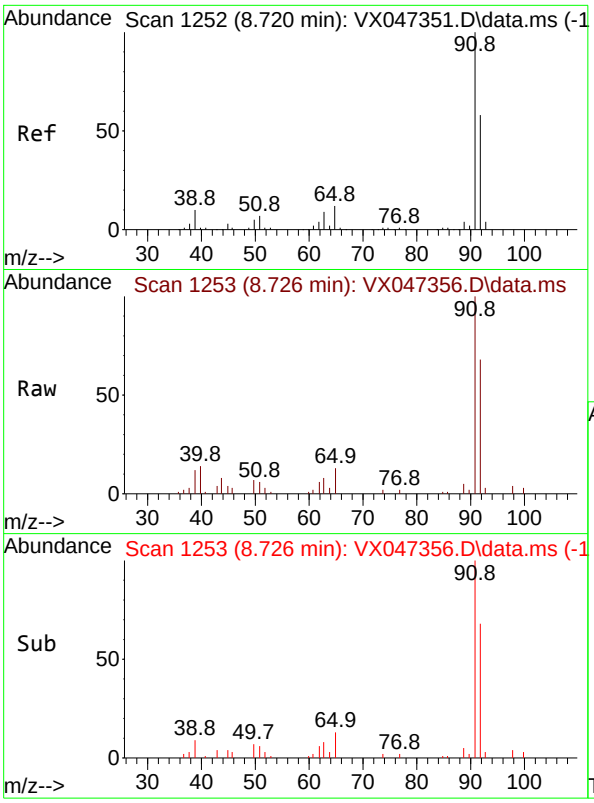
Tgt Ion: 43 Resp: 17109

Ion	Ratio	Lower	Upper
43	100		
58	36.8	31.2	46.8





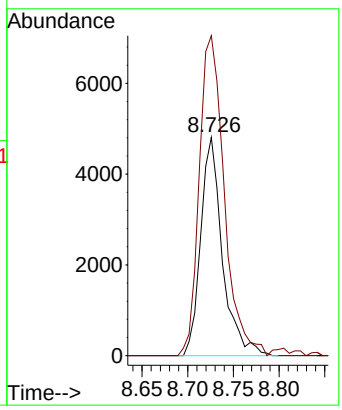




#52
Toluene
Concen: 0.846 ug/l
RT: 8.726 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 92 Resp: 793

Ion	Ratio	Lower	Upper
92	100		
91	168.9	136.3	204.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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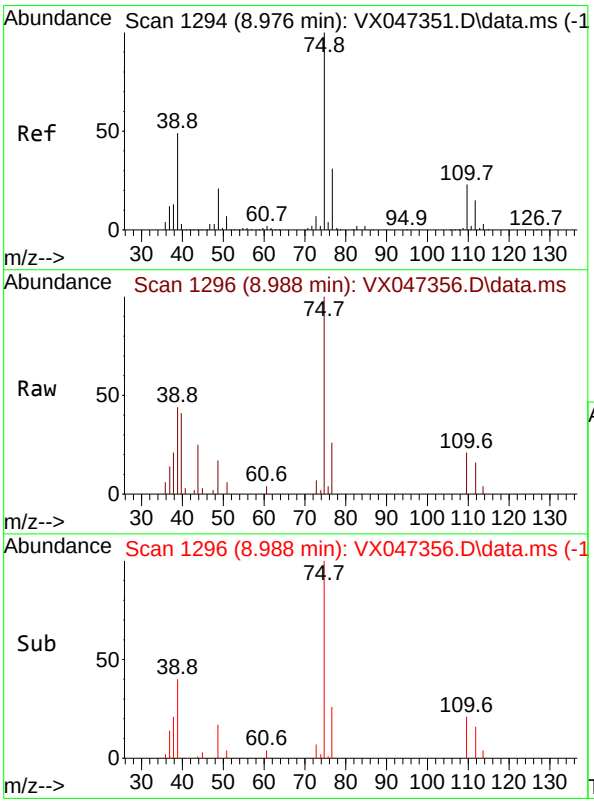
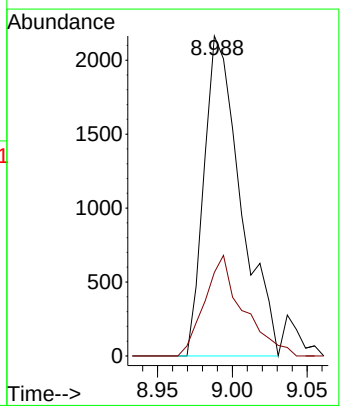
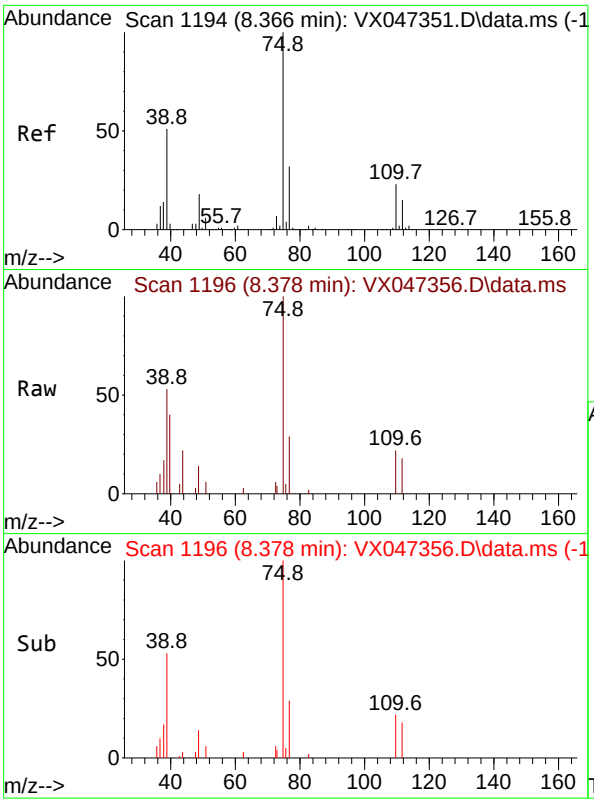


#53
t-1,3-Dichloropropene
Concen: 0.735 ug/l
RT: 8.988 min Scan# 1296
Delta R.T. 0.012 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 75 Resp: 3671

Ion	Ratio	Lower	Upper
75	100		
77	26.1	24.7	37.1

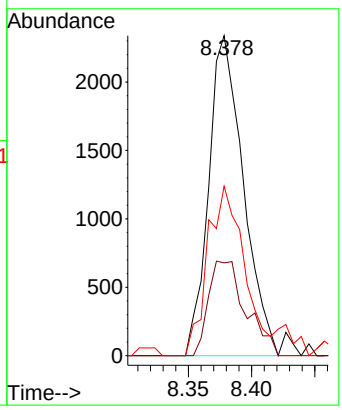




#54
cis-1,3-Dichloropropene
Concen: 0.790 ug/l
RT: 8.378 min Scan# 1
Delta R.T. 0.012 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 75 Resp: 446

Ion	Ratio	Lower	Upper
75	100		
77	27.6	25.6	38.4
39	47.5	40.9	61.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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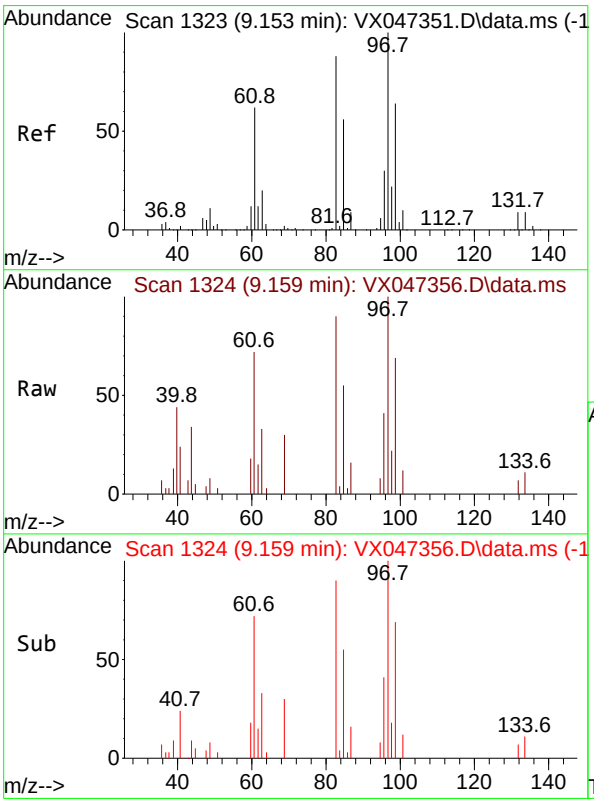
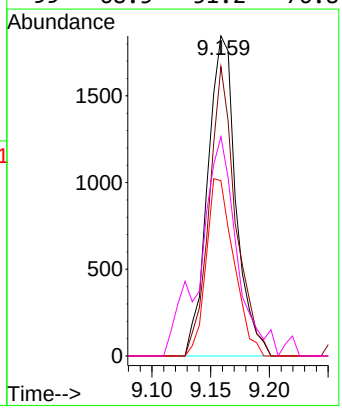
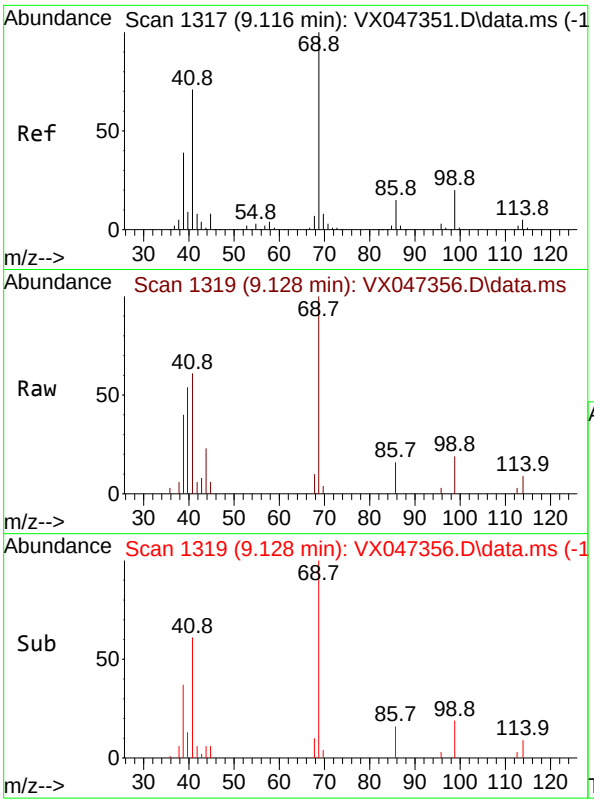


#55
1,1,2-Trichloroethane
Concen: 0.870 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 97 Resp: 3095

Ion	Ratio	Lower	Upper
97	100		
83	90.4	70.6	106.0
85	54.7	44.7	67.1
99	68.5	51.2	76.8





#56
Ethyl methacrylate
Concen: 0.763 ug/l
RT: 9.128 min Scan# 1
Delta R.T. 0.012 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 69 Resp: 400

Ion	Ratio	Lower	Upper
69	100		
41	71.7	55.3	82.9
39	44.4	30.2	45.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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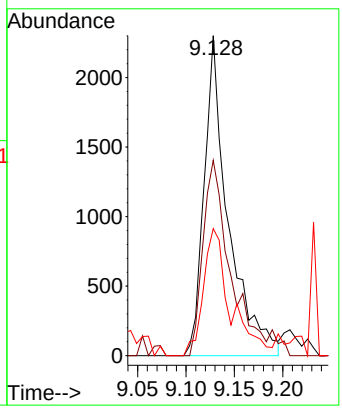
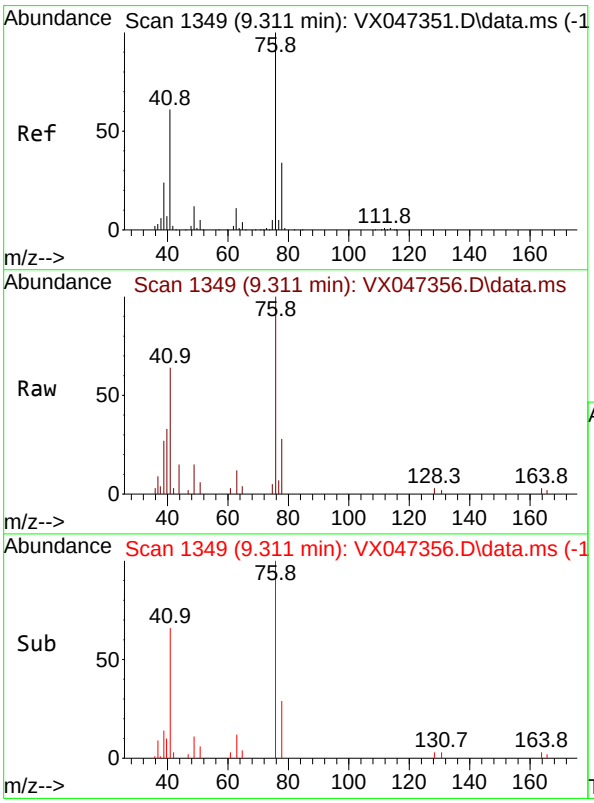
Supervised By :Mahesh Dadoda 08/19/2025

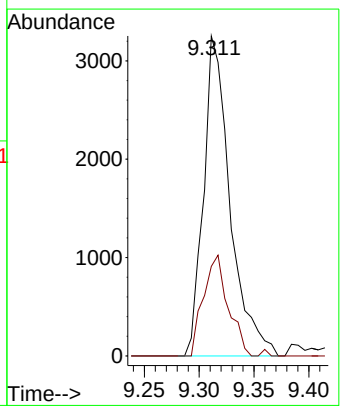


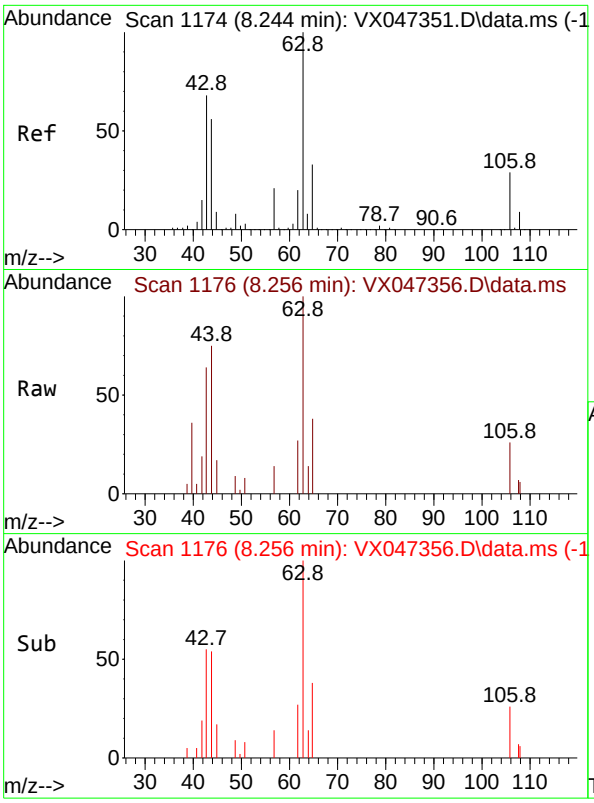


#57
1,3-Dichloropropane
Concen: 0.902 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 76 Resp: 5471

Ion	Ratio	Lower	Upper
76	100		
78	29.4	26.2	39.2





#58
2-Chloroethyl Vinyl ether
Concen: 10.313 ug/l
RT: 8.256 min Scan# 1
Delta R.T. 0.012 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 63 Resp: 507

Ion	Ratio	Lower	Upper
63	100		
106	25.6	22.8	34.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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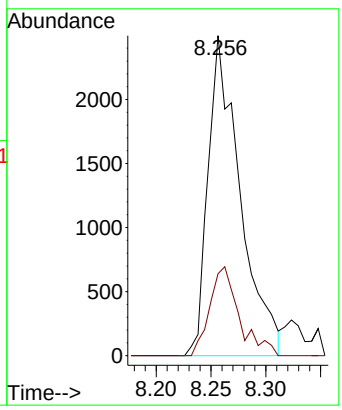
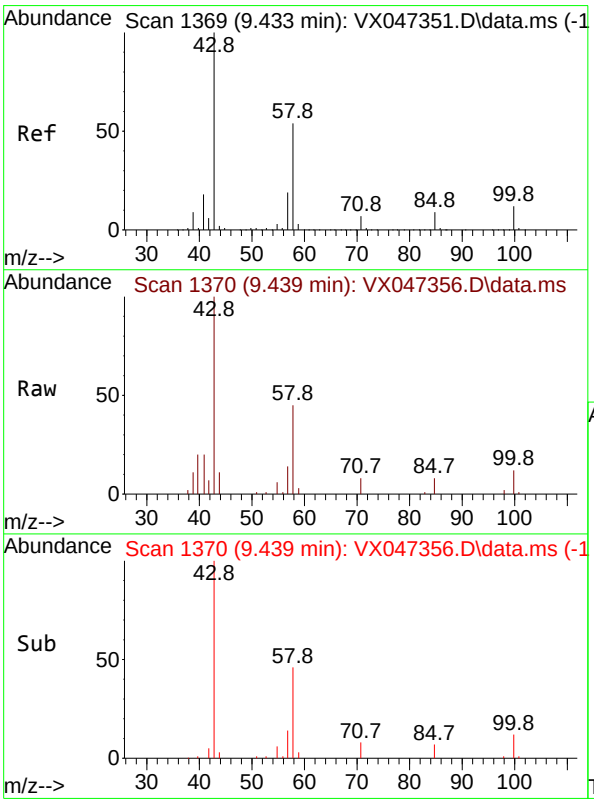
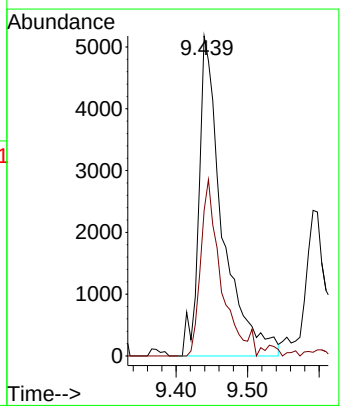


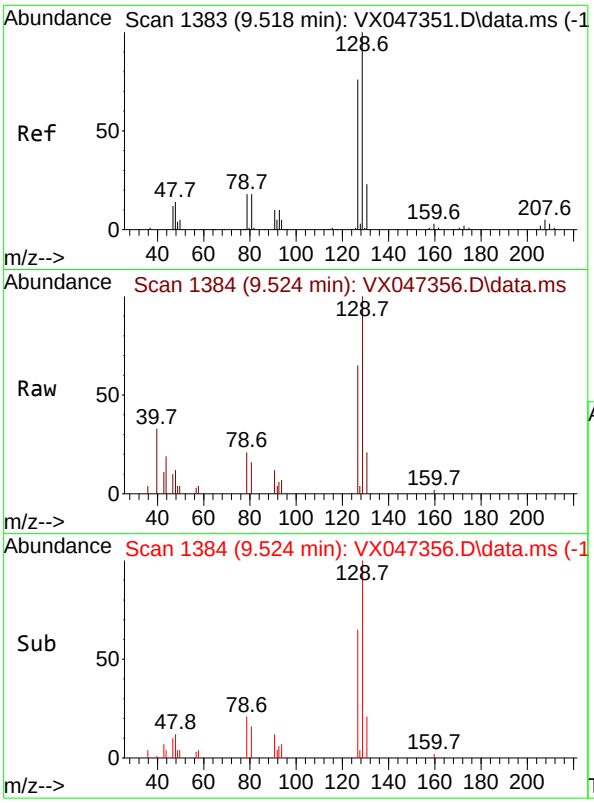


#59
2-Hexanone
Concen: 3.926 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 43 Resp: 11811

Ion	Ratio	Lower	Upper
43	100		
58	48.3	26.9	80.7

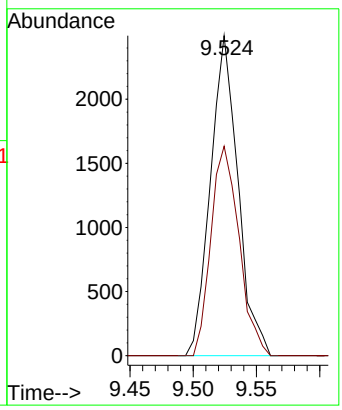




#60
Dibromochloromethane
Concen: 0.893 ug/l
RT: 9.524 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion:129 Resp: 377

Ion	Ratio	Lower	Upper
129	100		
127	66.8	38.9	116.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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Reviewed By :John Carlone 08/18/2025
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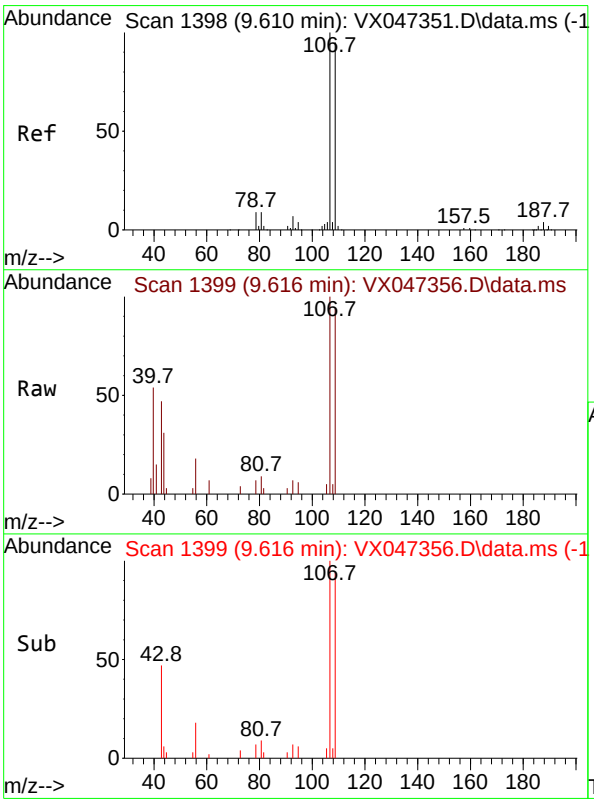
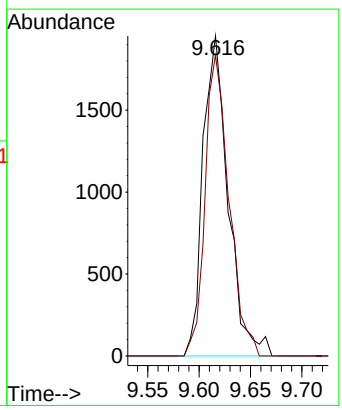
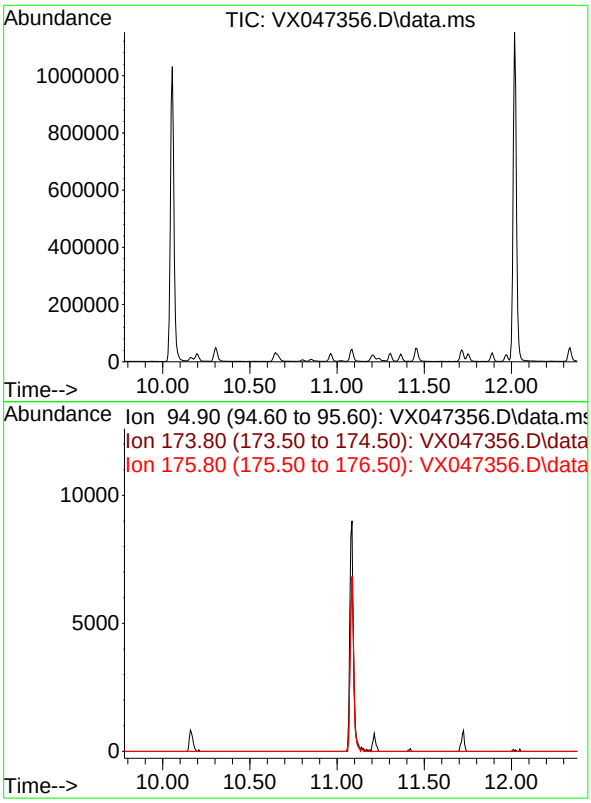


#61
1,2-Dibromoethane
Concen: 0.906 ug/l
RT: 9.616 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion:107 Resp: 3325

Ion	Ratio	Lower	Upper
107	100		
109	89.7	76.2	114.2





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

Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 95

Sig	Exp Ratio
95	100
174	74.0
176	72.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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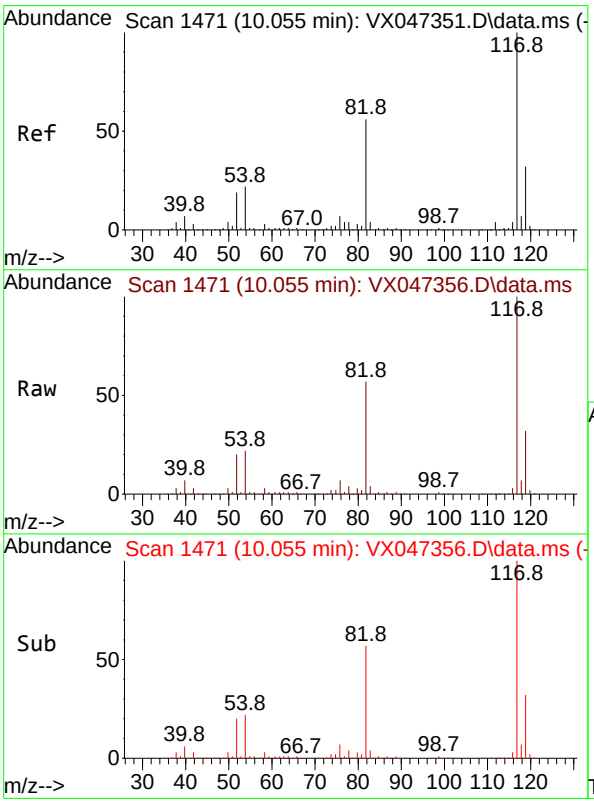
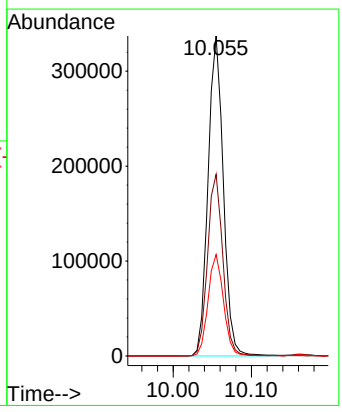
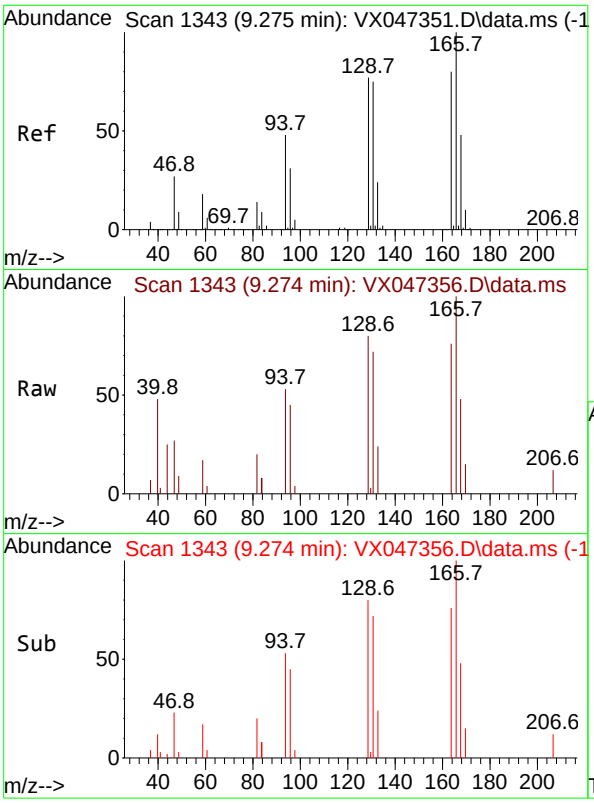


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion:117 Resp: 456440

Ion	Ratio	Lower	Upper
117	100		
82	56.8	45.0	67.4
119	31.7	25.8	38.8

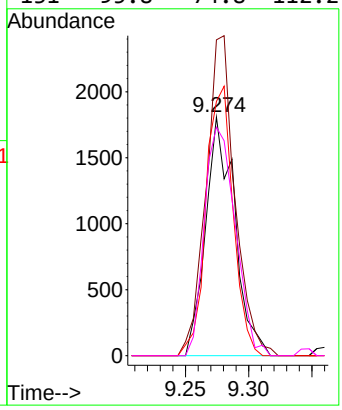




#64
Tetrachloroethene
Concen: 0.875 ug/l
RT: 9.274 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion:164 Resp: 288

Ion	Ratio	Lower	Upper
164	100		
166	132.4	100.3	150.5
129	106.6	77.7	116.5
131	95.8	74.8	112.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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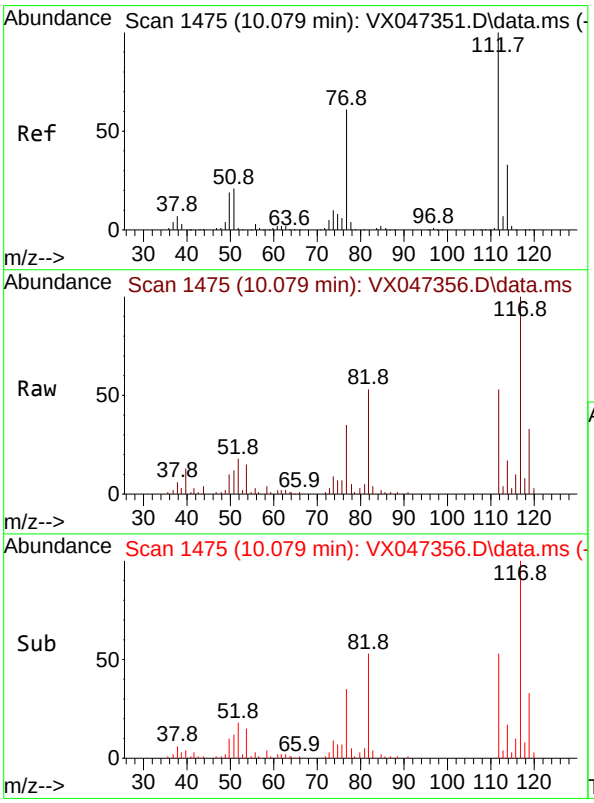
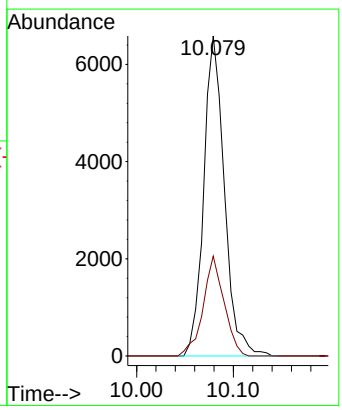
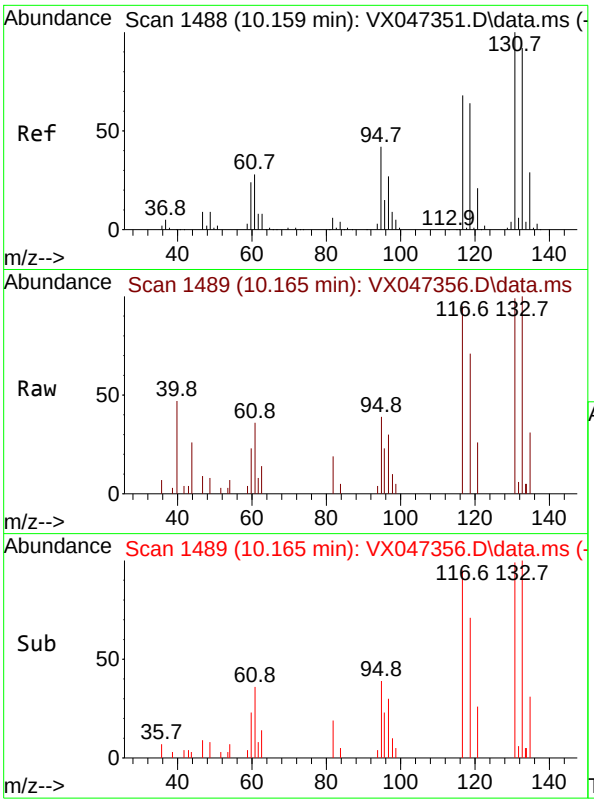


#65
Chlorobenzene
Concen: 0.903 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion:112 Resp: 9799

Ion	Ratio	Lower	Upper
112	100		
114	31.2	26.4	39.6





#66
1,1,1,2-Tetrachloroethane
Concen: 0.858 ug/l
RT: 10.165 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion:131 Resp: 314

Ion	Ratio	Lower	Upper
131	100		
133	91.9	47.6	142.9
119	0.0	32.3	96.8#

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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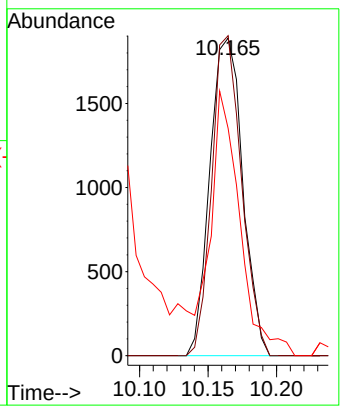
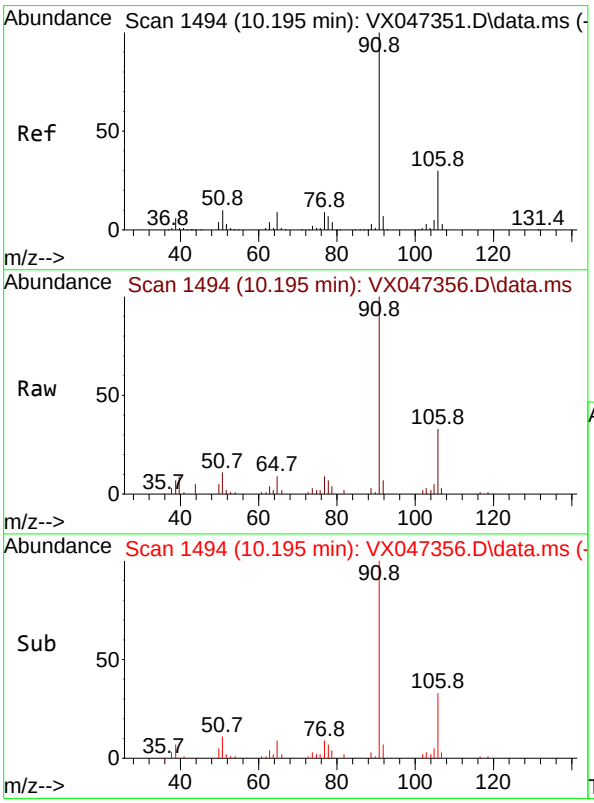
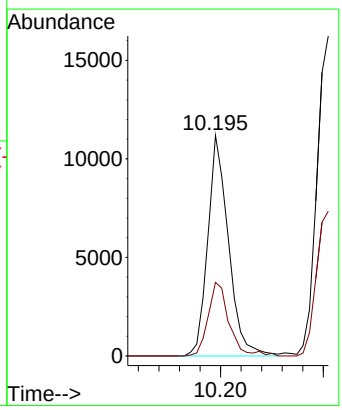


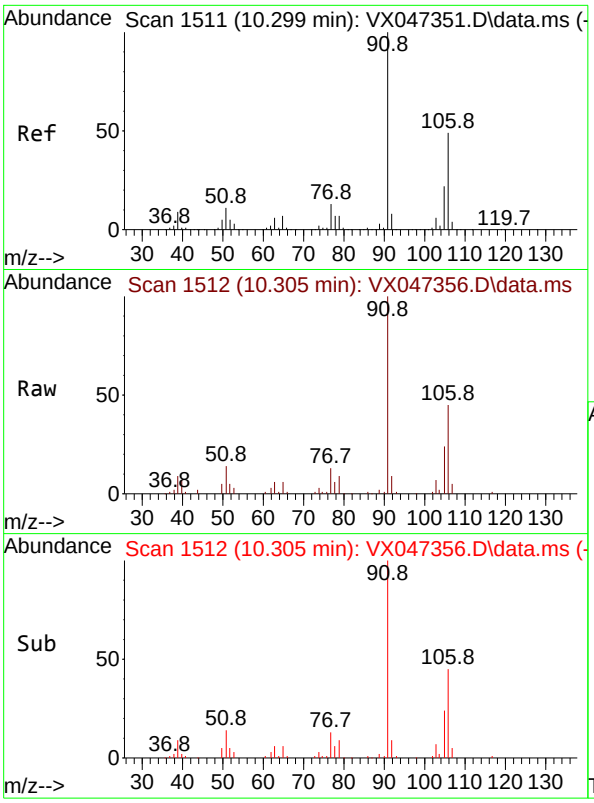


#67
Ethyl Benzene
Concen: 0.840 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 91 Resp: 15680

Ion	Ratio	Lower	Upper
91	100		
106	35.9	24.4	36.6





#68
m/p-Xylenes
Concen: 1.683 ug/l
RT: 10.305 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion:106 Resp: 1171

Ion	Ratio	Lower	Upper
106	100		
91	203.4	164.7	247.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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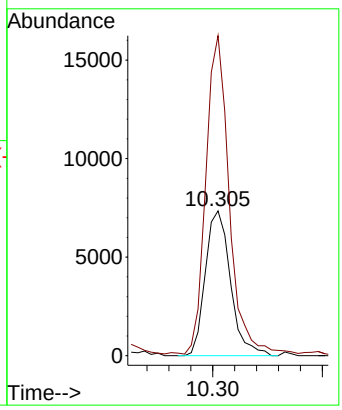
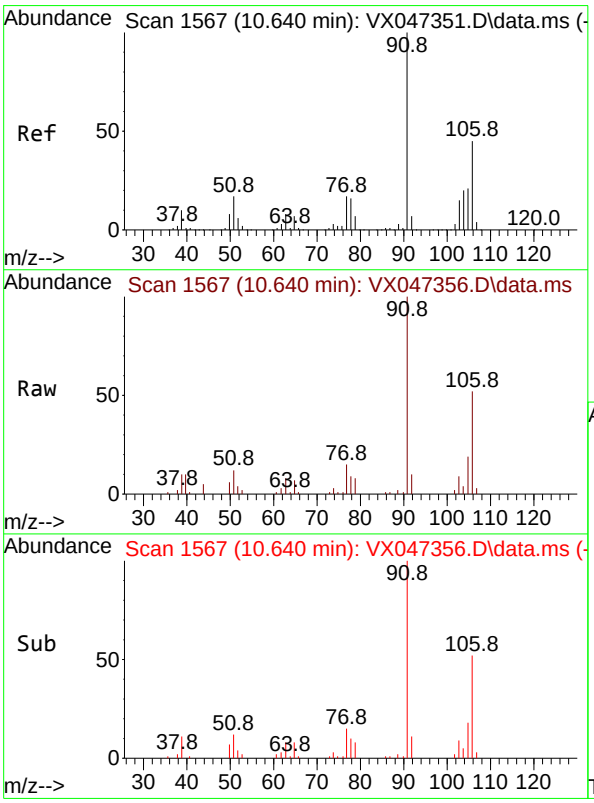
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

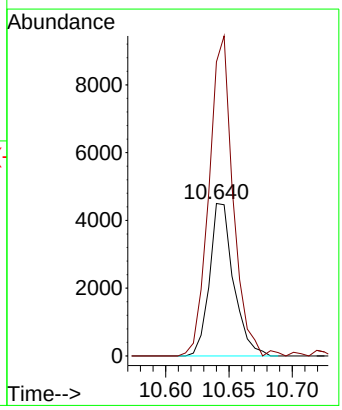


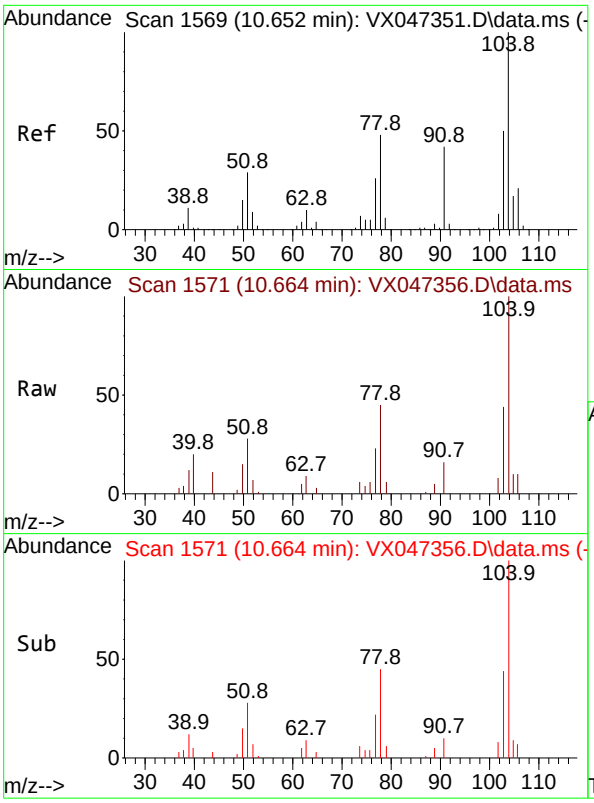


#69
o-Xylene
Concen: 0.887 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion:106 Resp: 5943

Ion	Ratio	Lower	Upper
106	100		
91	210.1	110.6	331.8

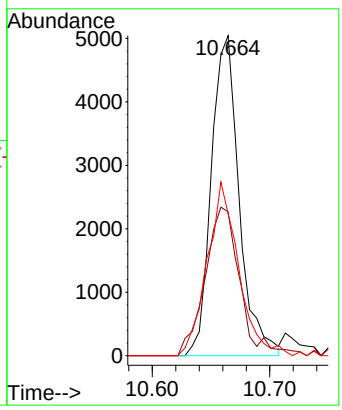




#70
Styrene
Concen: 0.733 ug/l
RT: 10.664 min Scan# 1
Delta R.T. 0.012 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion:104 Resp: 829

Ion	Ratio	Lower	Upper
104	100		
78	57.9	41.8	62.8
103	61.2	43.6	65.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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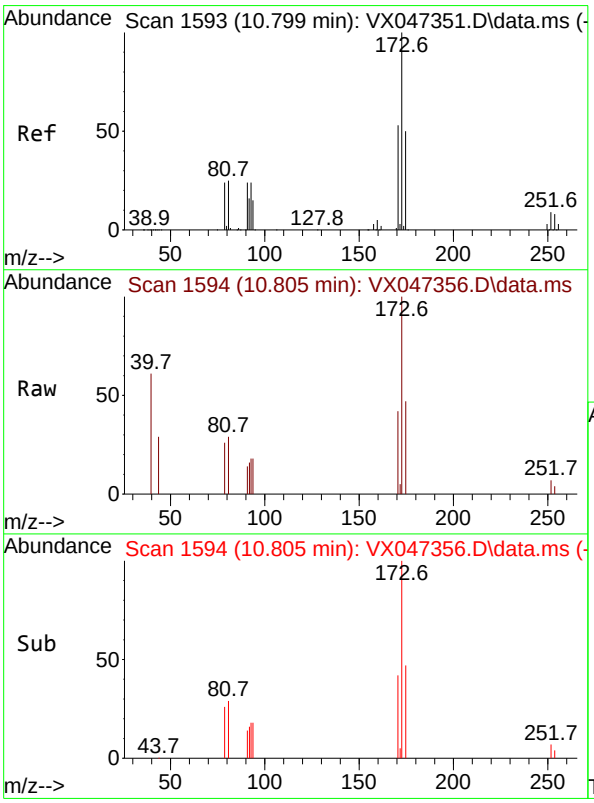
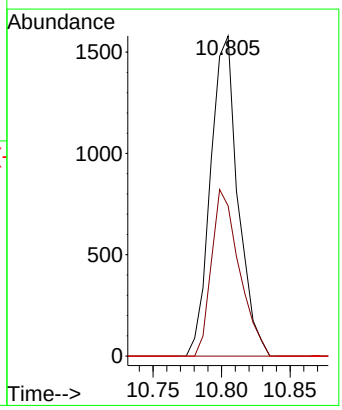
Supervised By :Mahesh Dadoda 08/19/2025

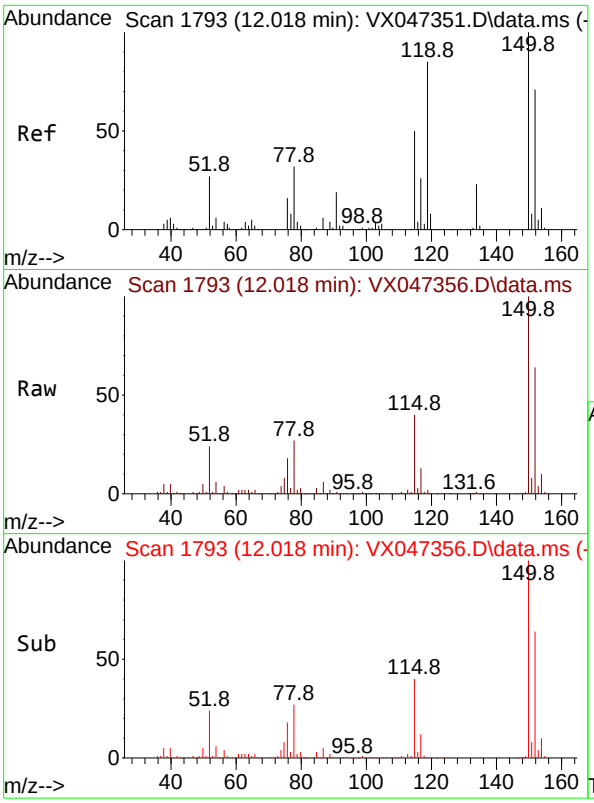


#71
Bromoform
Concen: 0.799 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion:173 Resp: 2201

Ion	Ratio	Lower	Upper
173	100		
175	52.7	24.4	73.4
254	0.0	0.1	0.1#

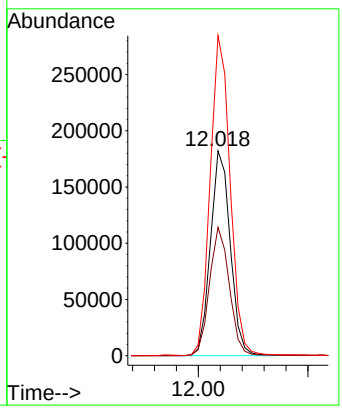




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion:152 Resp: 22874

Ion	Ratio	Lower	Upper
152	100		
115	63.1	44.6	133.8
150	157.4	0.0	349.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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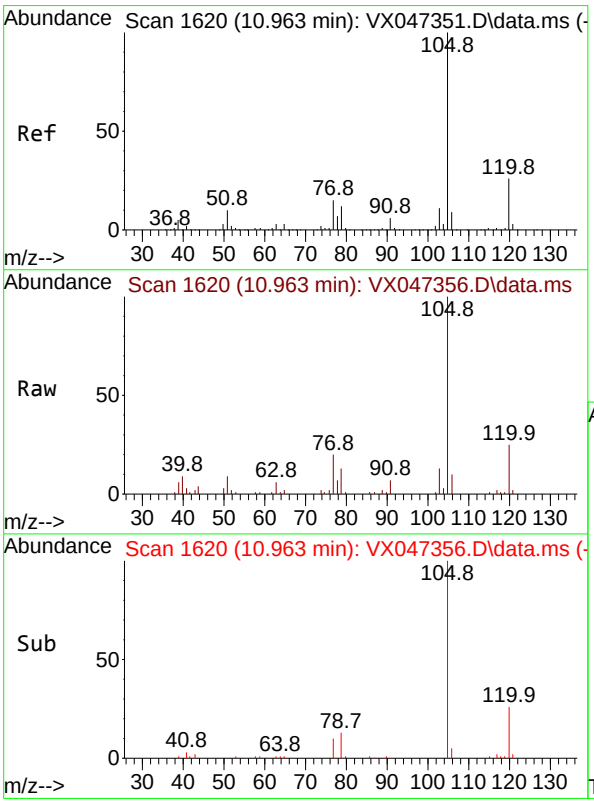
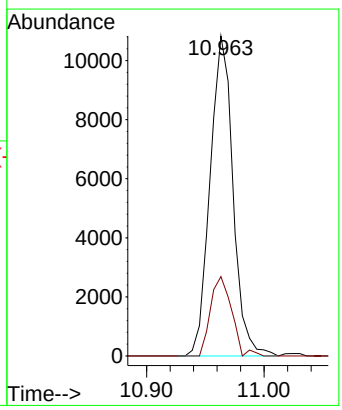
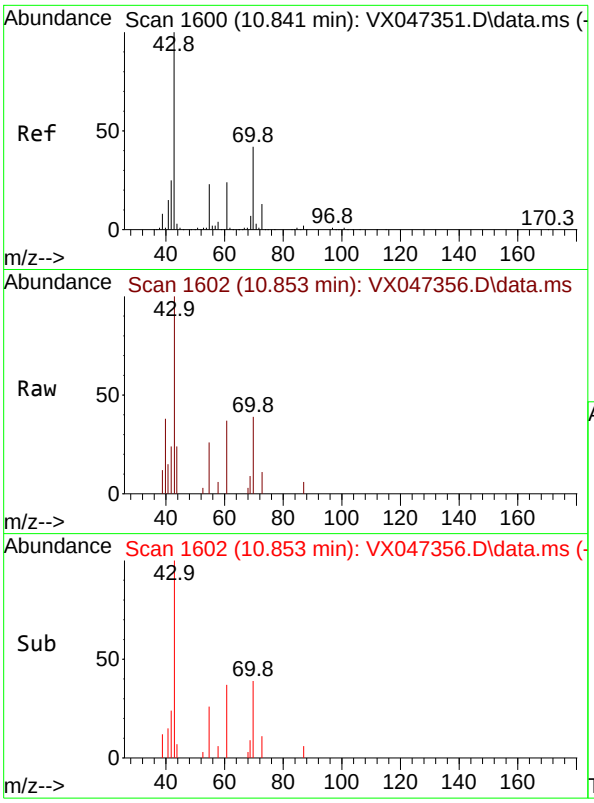


#73
Isopropylbenzene
Concen: 0.821 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion:105 Resp: 14688

Ion	Ratio	Lower	Upper
105	100		
120	22.9	12.9	38.6

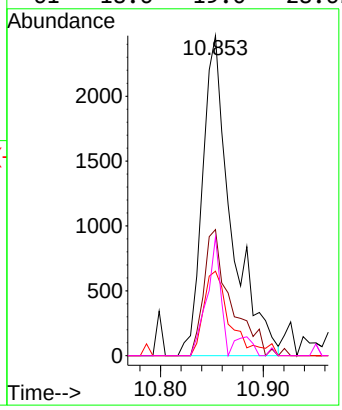




#74
N-amyl acetate
Concen: 0.705 ug/l
RT: 10.853 min Scan# 1
Delta R.T. 0.012 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 43 Resp: 479

Ion	Ratio	Lower	Upper
43	100		
70	37.3	33.1	49.7
55	24.5	19.0	28.6
61	18.6	19.0	28.6#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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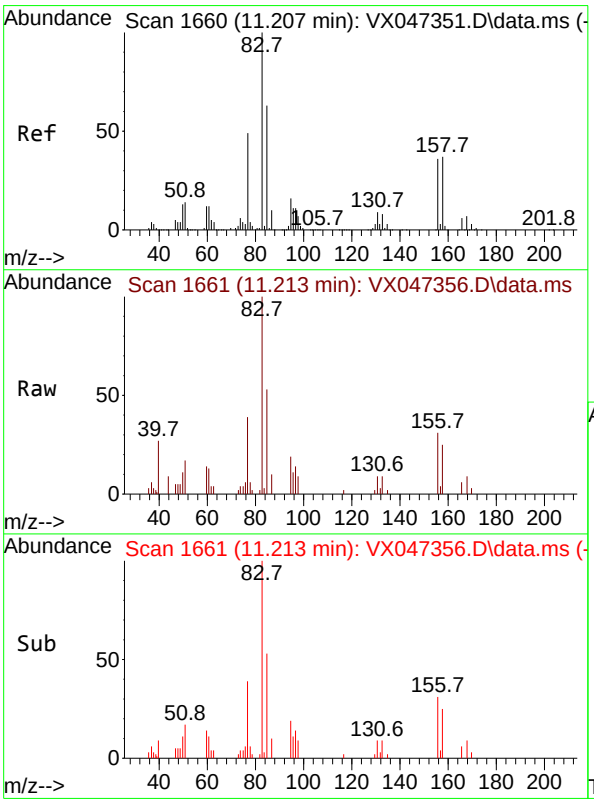
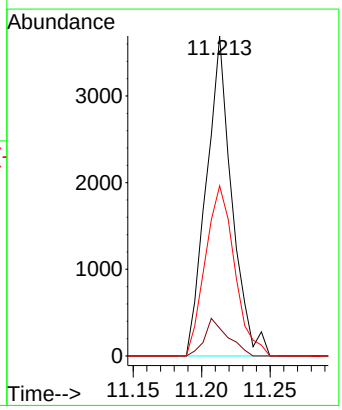
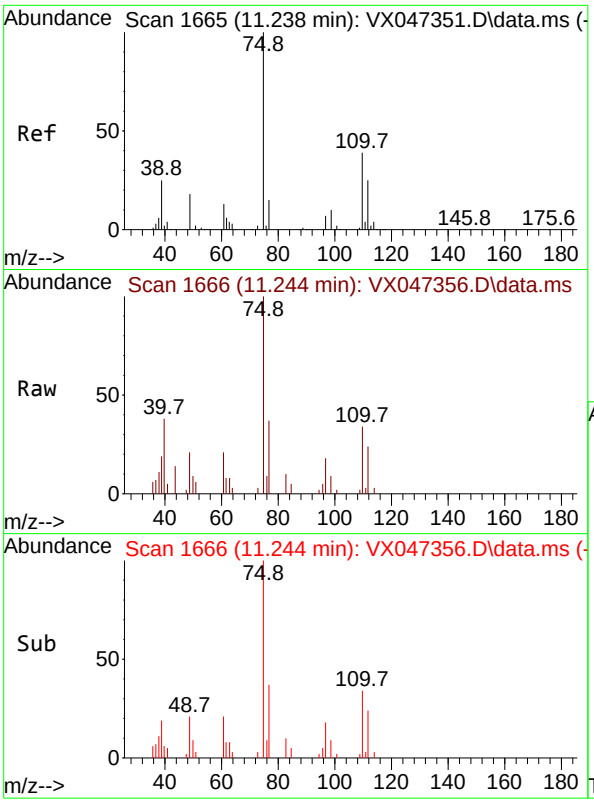


#75
1,1,2,2-Tetrachloroethane
Concen: 0.909 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 83 Resp: 4778

Ion	Ratio	Lower	Upper
83	100		
131	10.7	5.0	15.0
85	60.9	31.7	95.1





#76
1,2,3-Trichloropropane
Concen: 0.892 ug/l m
RT: 11.244 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 75 Resp: 374

Ion	Ratio	Lower	Upper
75	100		
77	32.6	19.4	58.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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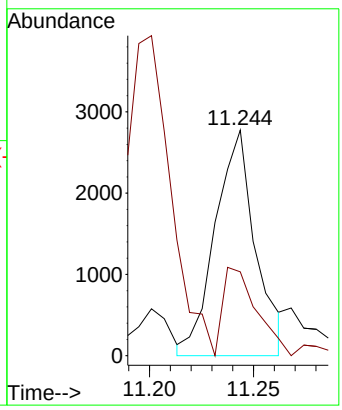
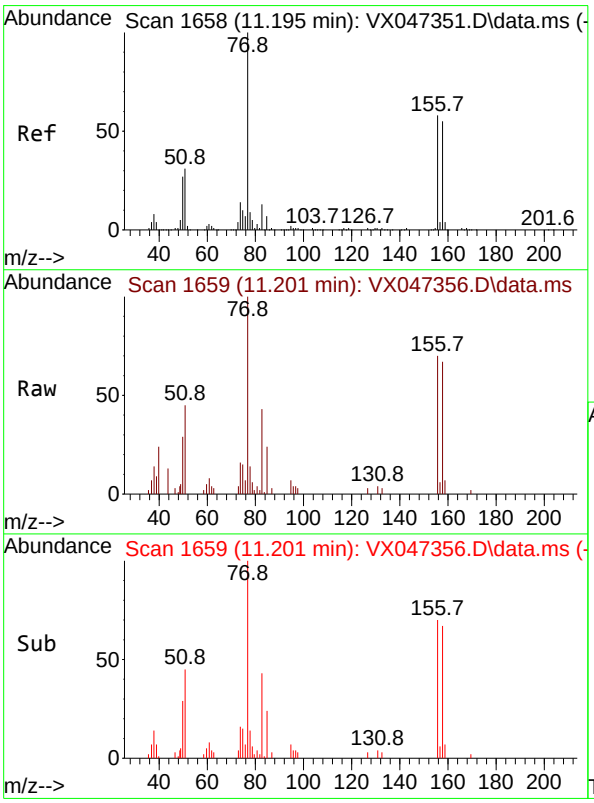
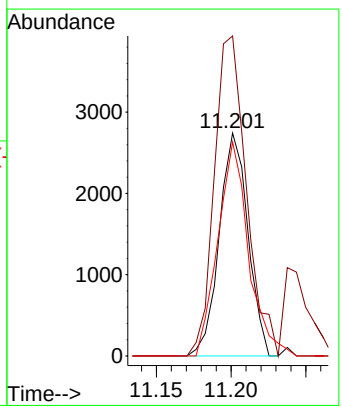


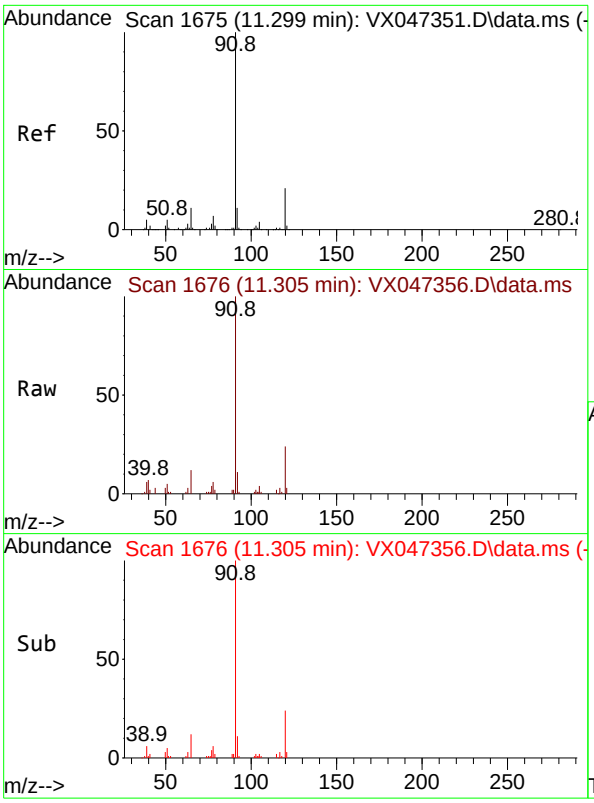


#77
Bromobenzene
Concen: 0.835 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion:156 Resp: 3648

Ion	Ratio	Lower	Upper
156	100		
77	160.5	86.3	258.9
158	102.7	48.0	144.2

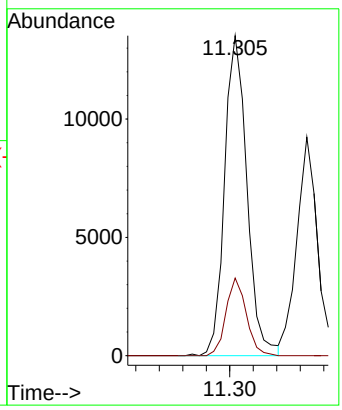




#78
n-propylbenzene
Concen: 0.836 ug/l
RT: 11.305 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 91 Resp: 1786

Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.0	33.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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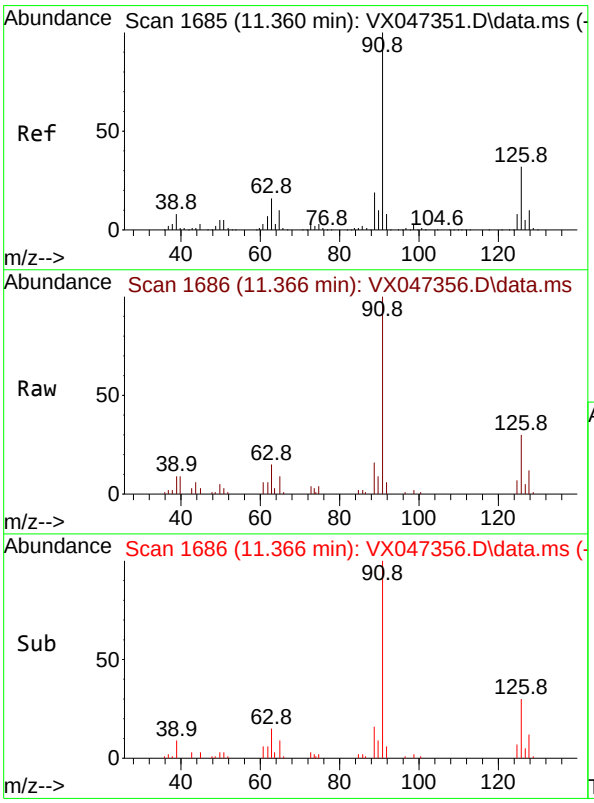
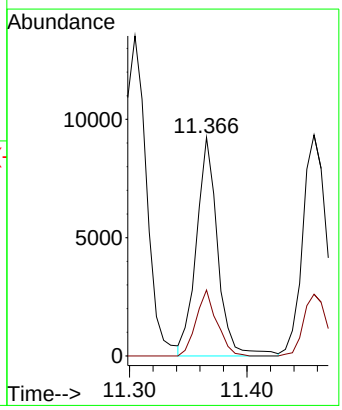
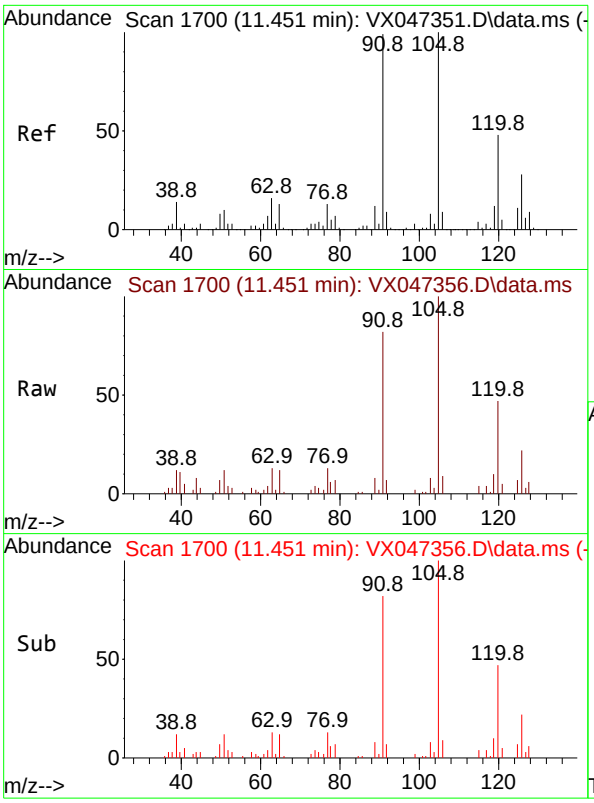


#79
2-Chlorotoluene
Concen: 0.901 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 91 Resp: 11644

Ion	Ratio	Lower	Upper
91	100		
126	29.4	16.7	50.1

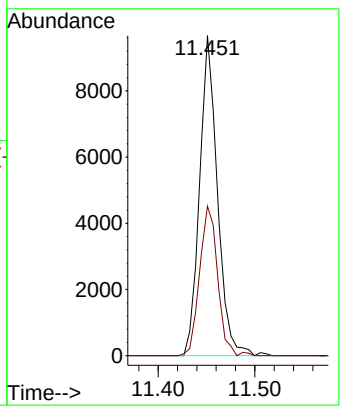




#80
1,3,5-Trimethylbenzene
Concen: 0.844 ug/l
RT: 11.451 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion:105 Resp: 1242

Ion	Ratio	Lower	Upper
105	100		
120	47.2	23.9	71.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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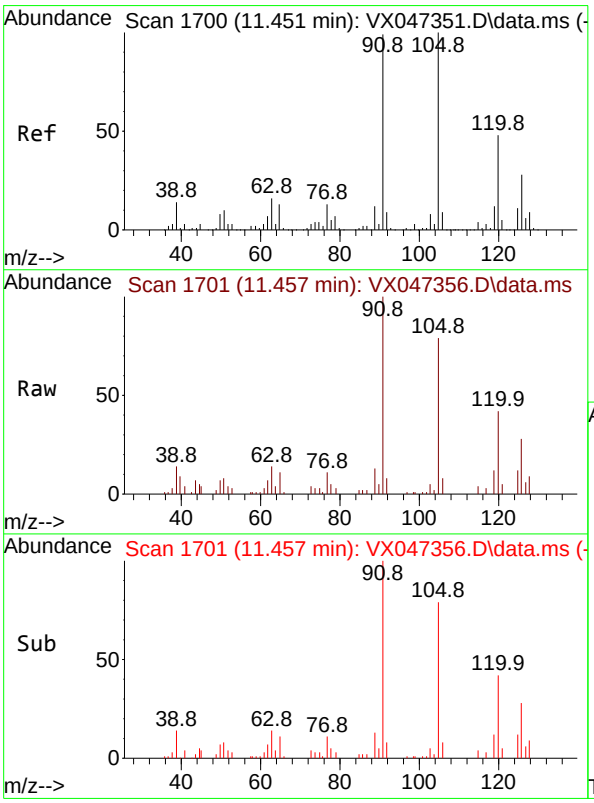
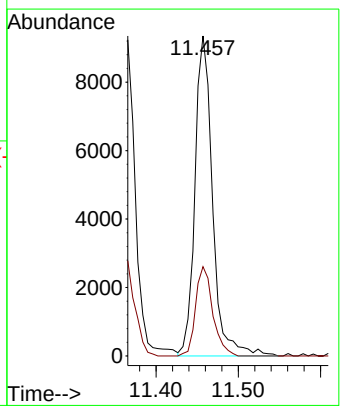
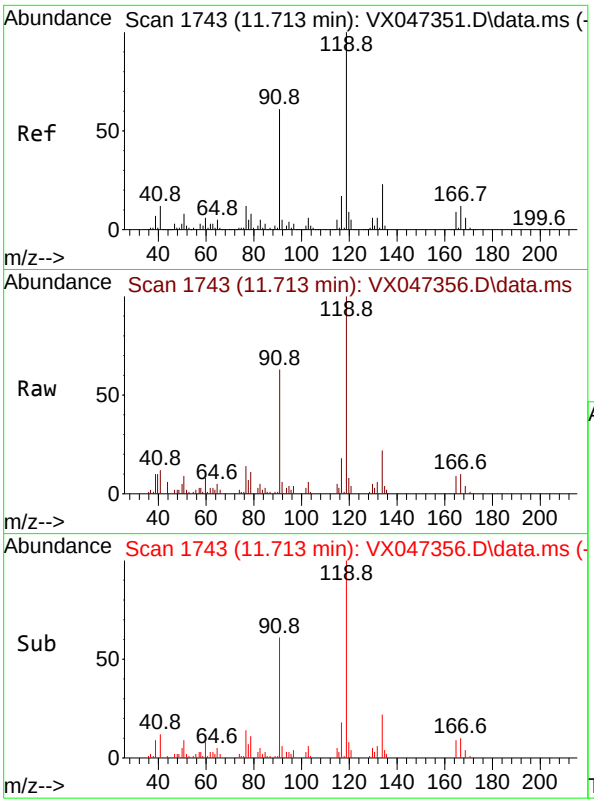


#82
4-Chlorotoluene
Concen: 0.914 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 91 Resp: 13922

Ion	Ratio	Lower	Upper
91	100		
126	27.2	14.4	43.0

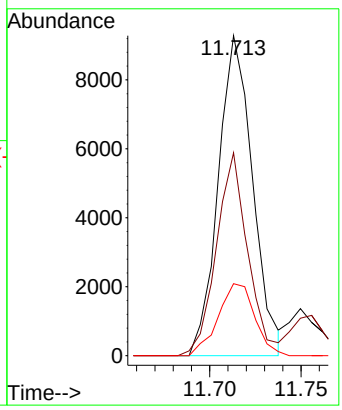




#83
tert-Butylbenzene
Concen: 0.828 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion:119 Resp: 1216

Ion	Ratio	Lower	Upper
119	100		
91	58.0	29.1	87.4
134	24.0	11.3	33.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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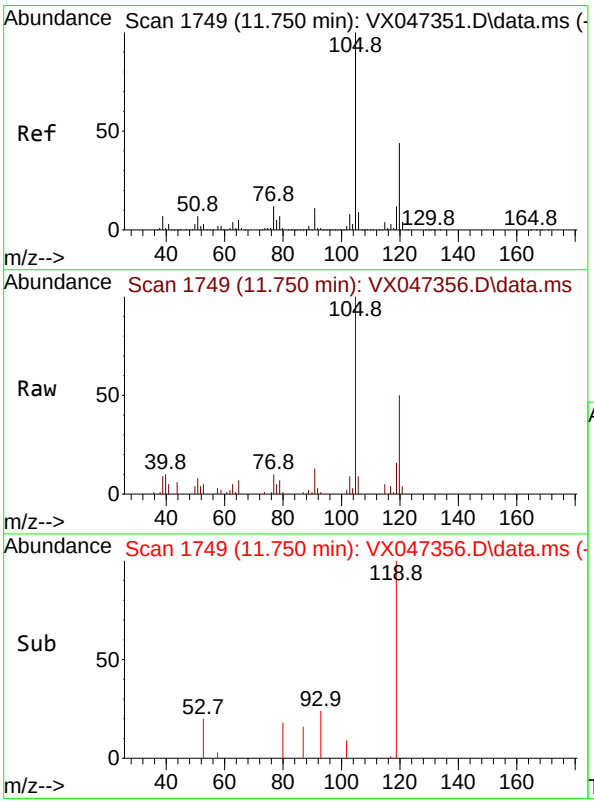
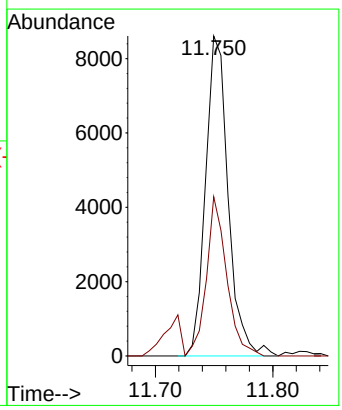
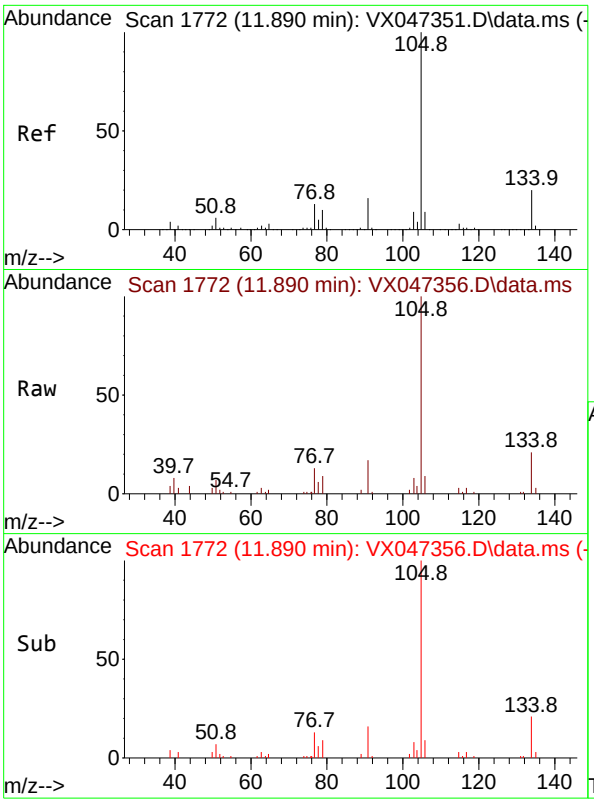


#84
1,2,4-Trimethylbenzene
Concen: 0.781 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion:105 Resp: 11509

Ion	Ratio	Lower	Upper
105	100		
120	44.5	21.9	65.7





#85
sec-Butylbenzene
Concen: 0.822 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion:105 Resp: 1497

Ion	Ratio	Lower	Upper
105	100		
134	21.0	9.8	29.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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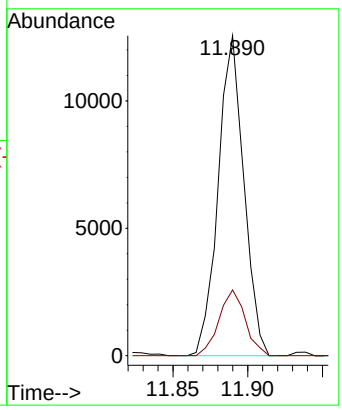
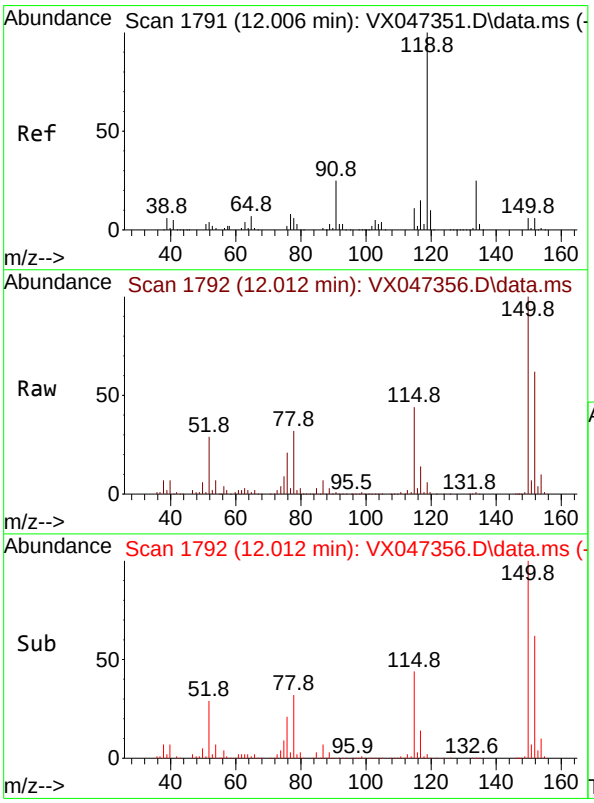
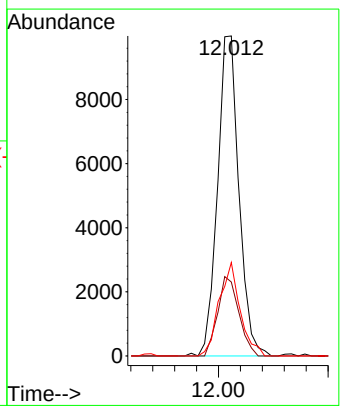


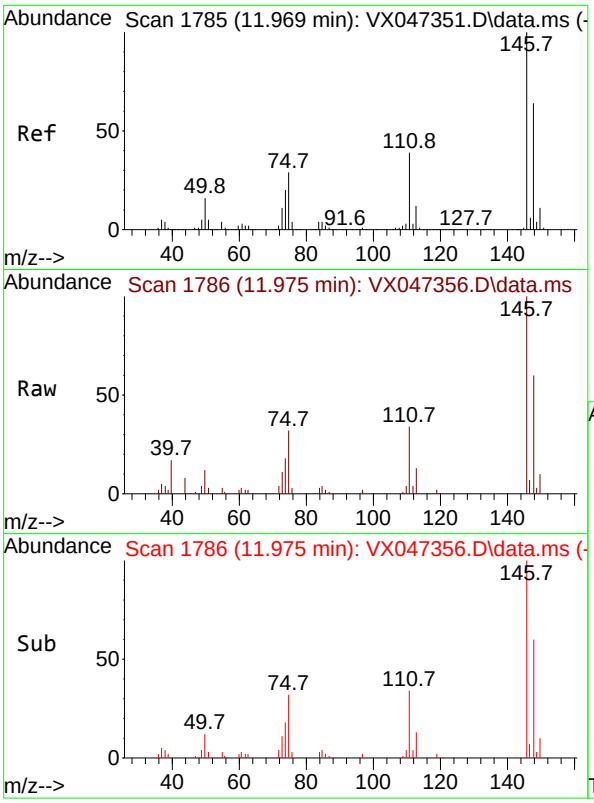


#86
p-Isopropyltoluene
Concen: 0.879 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion:119 Resp: 13546

Ion	Ratio	Lower	Upper
119	100		
134	24.5	12.8	38.4
91	28.7	12.4	37.4

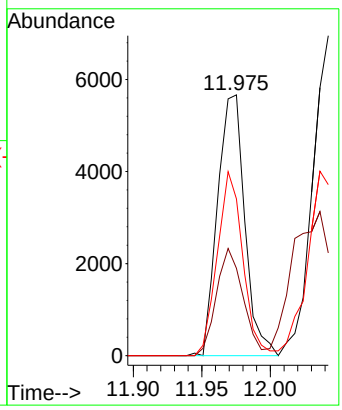




#87
1,3-Dichlorobenzene
Concen: 0.937 ug/l
RT: 11.975 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion:146 Resp: 782

Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.6	61.8
148	66.5	31.9	95.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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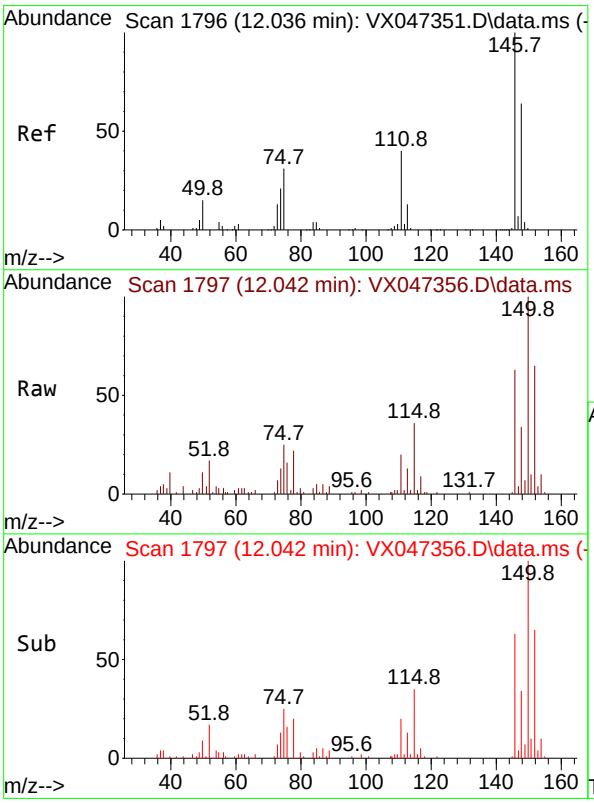
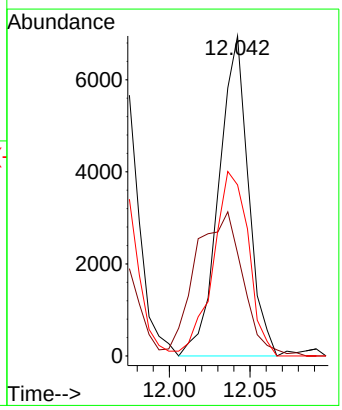
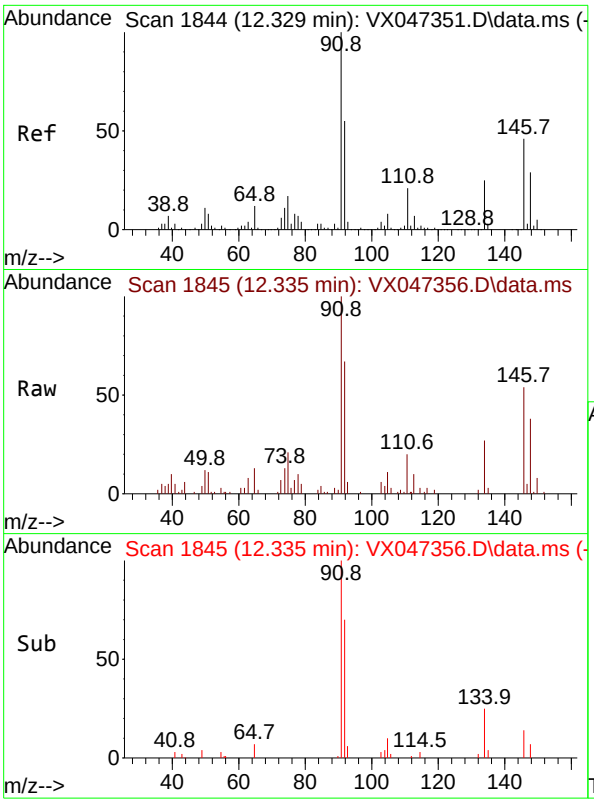


#88
1,4-Dichlorobenzene
Concen: 1.031 ug/l m
RT: 12.042 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion:146 Resp: 8856

Ion	Ratio	Lower	Upper
146	100		
111	35.4	20.4	61.2
148	58.7	31.7	95.1

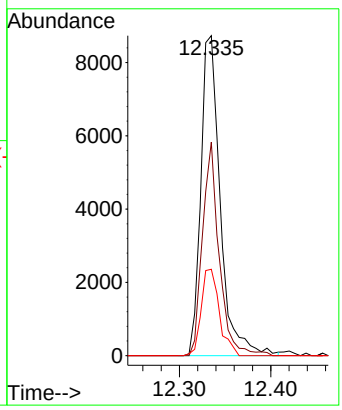




#89
n-Butylbenzene
Concen: 0.899 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 91 Resp: 1288

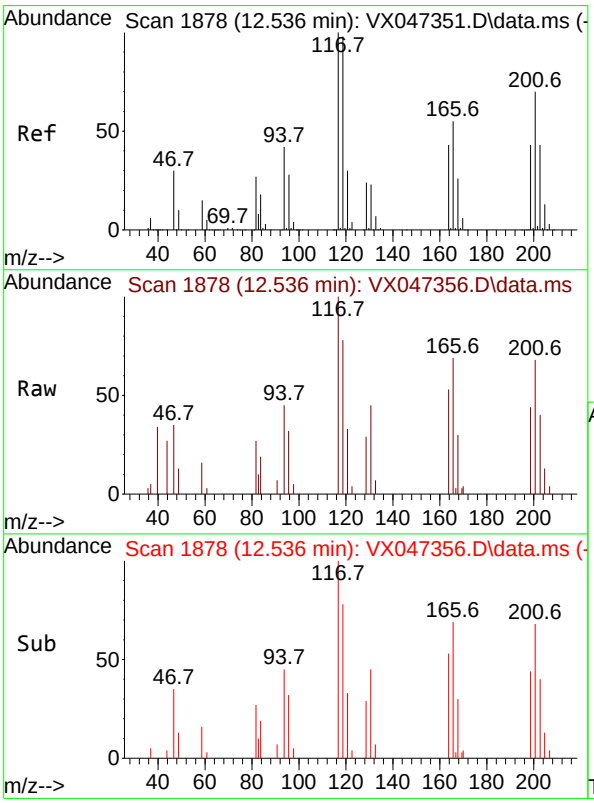
Ion	Ratio	Lower	Upper
91	100		
92	57.4	27.2	81.5
134	25.2	12.6	37.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

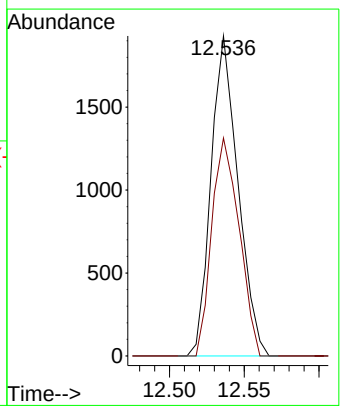
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

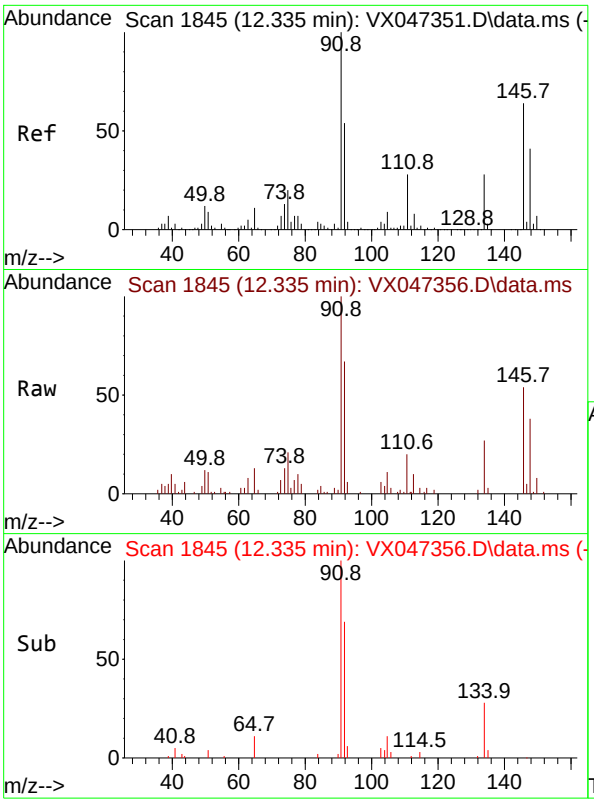


#90
Hexachloroethane
Concen: 0.895 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion:117 Resp: 2421

Ion	Ratio	Lower	Upper
117	100		
201	68.9	35.1	105.3

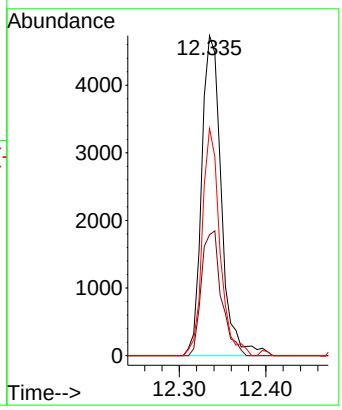




#91
1,2-Dichlorobenzene
Concen: 0.941 ug/l
RT: 12.335 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion:146 Resp: 746

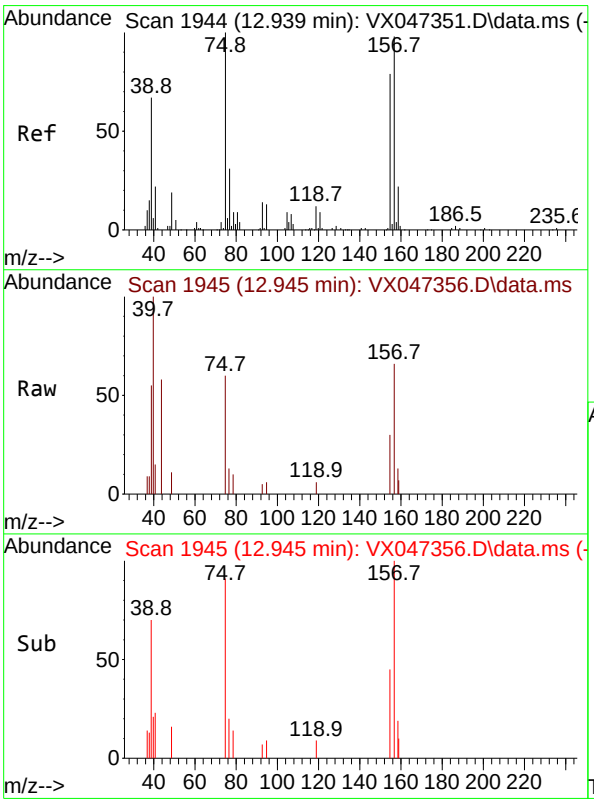
Ion	Ratio	Lower	Upper
146	100		
111	39.8	22.1	66.1
148	63.5	31.9	95.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

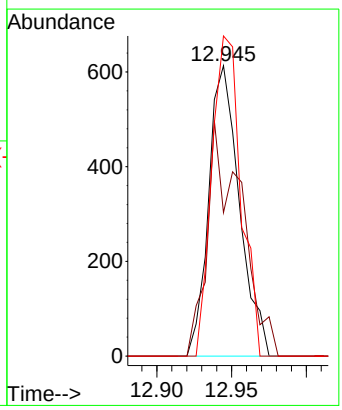
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

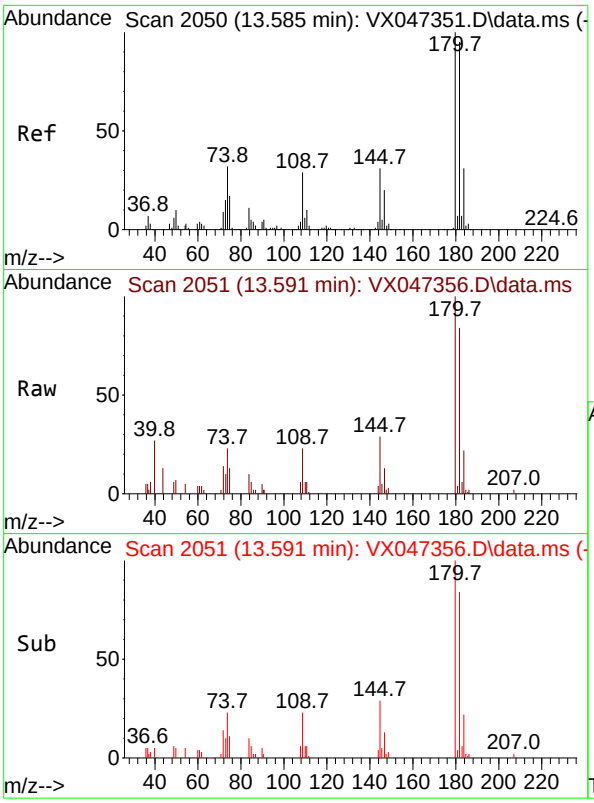


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.862 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 75 Resp: 876

Ion	Ratio	Lower	Upper
75	100		
155	89.8	41.3	123.7
157	104.6	51.5	154.5

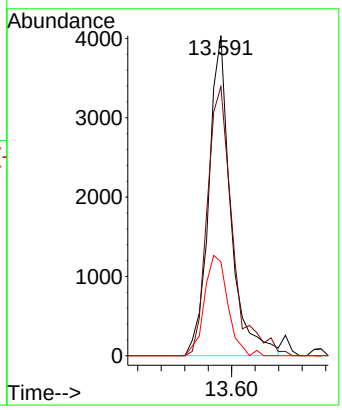




#93
1,2,4-Trichlorobenzene
Concen: 0.985 ug/l
RT: 13.591 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion:180 Resp: 523

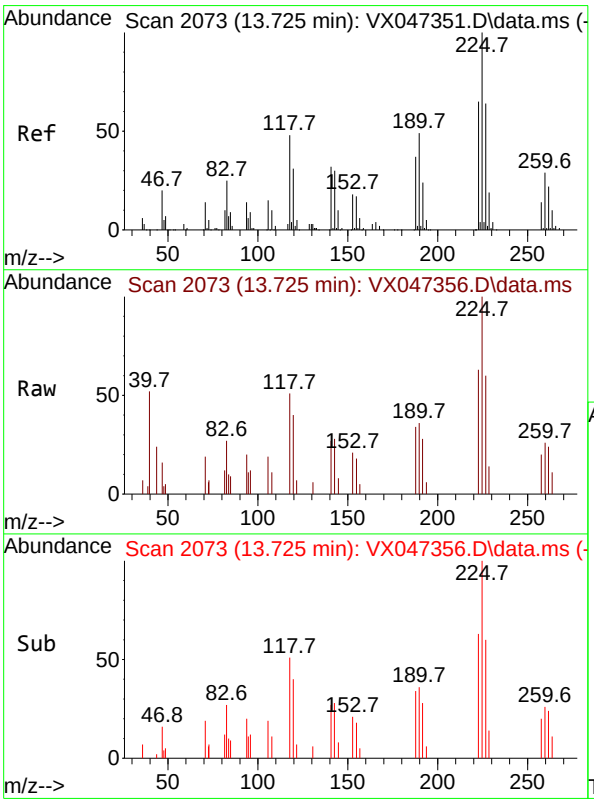
Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.1	144.4
145	33.3	16.2	48.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

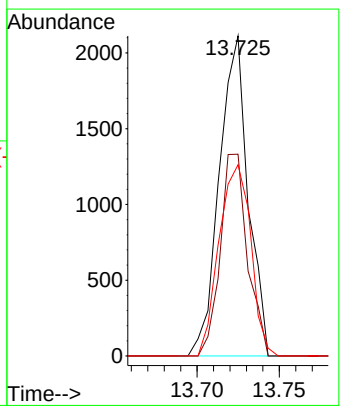
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

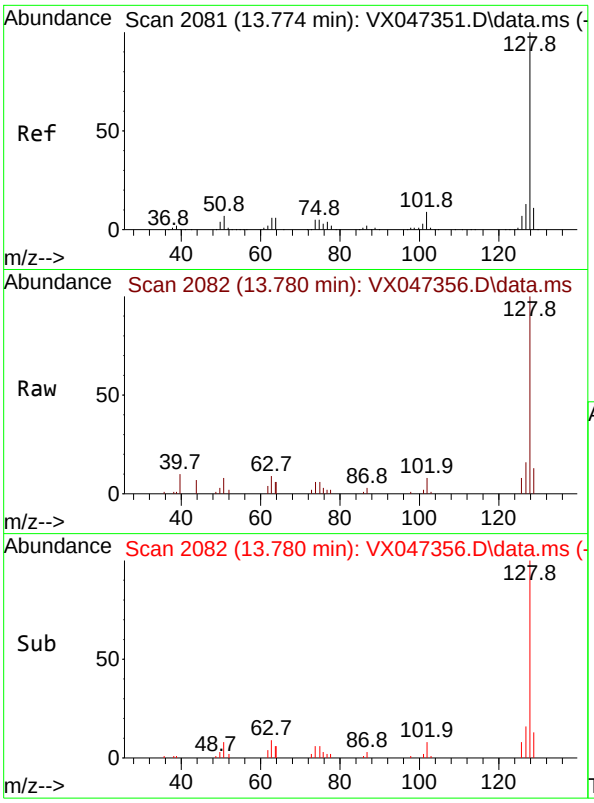


#94
Hexachlorobutadiene
Concen: 1.360 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion:225 Resp: 2573

Ion	Ratio	Lower	Upper
225	100		
223	59.5	32.2	96.6
227	65.8	31.6	95.0

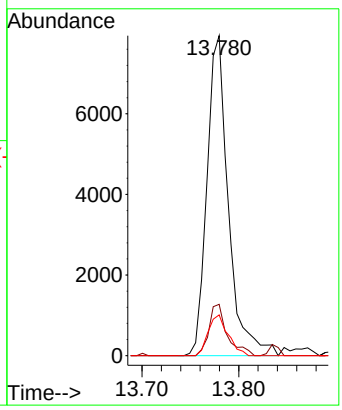




#95
Naphthalene
Concen: 0.805 ug/l
RT: 13.780 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion:128 Resp: 1223

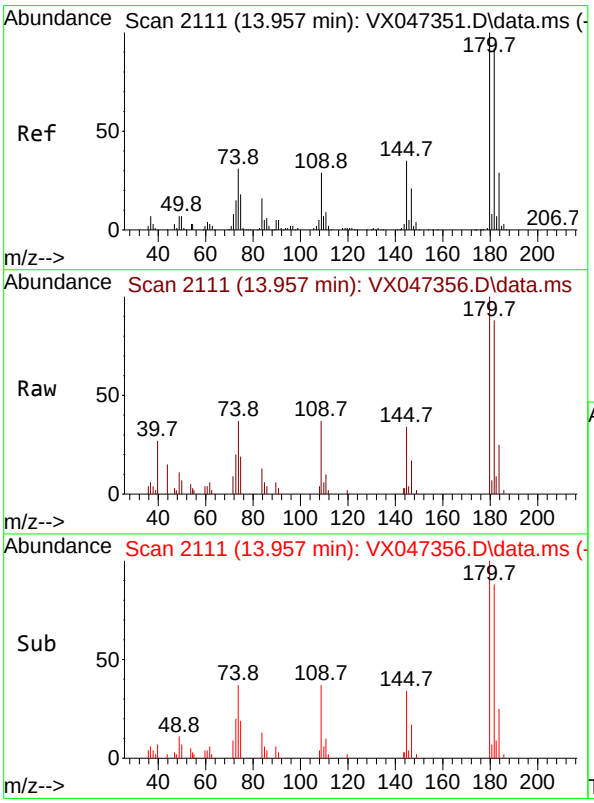
Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.1	15.1
129	11.8	8.7	13.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

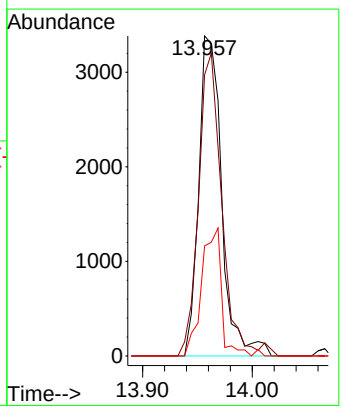
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#96
1,2,3-Trichlorobenzene
Concen: 0.982 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion:180 Resp: 4918

Ion	Ratio	Lower	Upper
180	100		
182	94.7	48.0	144.2
145	34.9	17.4	52.2



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047357.D
Acq On : 15 Aug 2025 13:11
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Manual Integrations APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

Quant Time: Aug 18 04:22:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	250887	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	427543	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	379004	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	185789	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	192241	54.750	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.500%			
35) Dibromofluoromethane	5.391	113	153967	55.488	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.980%			
50) Toluene-d8	8.647	98	540007	54.448	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 108.900%			
62) 4-Bromofluorobenzene	11.079	95	200280	54.723	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.440%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	166246	51.981	ug/l	99
3) Chloromethane	1.313	50	143779	49.973	ug/l	96
4) Vinyl Chloride	1.392	62	183527	50.822	ug/l	97
5) Bromomethane	1.630	94	81779	56.066	ug/l	98
6) Chloroethane	1.703	64	109193	49.421	ug/l	99
7) Trichlorofluoromethane	1.904	101	266531	49.898	ug/l	99
8) Diethyl Ether	2.148	74	94290	50.132	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.343	101	155403	50.154	ug/l	99
10) Methyl Iodide	2.465	142	238348	44.887	ug/l	99
11) Tert butyl alcohol	2.959	59	70101	229.494	ug/l	97
12) 1,1-Dichloroethene	2.337	96	158941	50.316	ug/l	99
13) Acrolein	2.245	56	133586	207.171	ug/l	99
14) Allyl chloride	2.678	41	271599	49.503	ug/l	100
15) Acrylonitrile	3.075	53	369146	250.094	ug/l	99
16) Acetone	2.386	43	324930	246.195	ug/l	96
17) Carbon Disulfide	2.526	76	457873	48.034	ug/l	99
18) Methyl Acetate	2.715	43	163394	47.774	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	481187	50.072	ug/l	98
20) Methylene Chloride	2.800	84	173780	49.724	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	165465	49.352	ug/l	97
22) Diisopropyl ether	3.769	45	556979	51.358	ug/l	99
23) Vinyl Acetate	3.727	43	2264555	254.755	ug/l	99
24) 1,1-Dichloroethane	3.617	63	303962	49.586	ug/l	98
25) 2-Butanone	4.562	43	422081	244.186	ug/l	100
26) 2,2-Dichloropropane	4.483	77	232204	50.188	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	193324	49.507	ug/l	98
28) Bromochloromethane	4.903	49	145787	57.153	ug/l	100
29) Tetrahydrofuran	5.019	42	268867	240.659	ug/l	99
30) Chloroform	5.099	83	306888	49.055	ug/l	98
31) Cyclohexane	5.477	56	265960	47.066	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	263954	49.018	ug/l	99
36) 1,1-Dichloropropene	5.702	75	208616	47.627	ug/l	99
37) Ethyl Acetate	4.721	43	214695	47.213	ug/l	99
38) Carbon Tetrachloride	5.684	117	226854	47.393	ug/l	100
39) Methylcyclohexane	7.379	83	257199	47.074	ug/l	96
40) Benzene	6.043	78	638127	48.672	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047357.D
Acq On : 15 Aug 2025 13:11
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Manual Integrations APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

Quant Time: Aug 18 04:22:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.934	41	93517	48.768	ug/l		97
42) 1,2-Dichloroethane	6.086	62	226201	48.708	ug/l		99
43) Isopropyl Acetate	6.342	43	318400	48.740	ug/l		100
44) Trichloroethene	7.129	130	161053	47.974	ug/l		98
45) 1,2-Dichloropropane	7.427	63	160155	48.760	ug/l		98
46) Dibromomethane	7.580	93	115651	48.500	ug/l		98
47) Bromodichloromethane	7.824	83	237881	48.121	ug/l		100
48) Methyl methacrylate	7.690	41	164810	48.604	ug/l		99
49) 1,4-Dioxane	7.677	88	29362m	890.740	ug/l		
51) 4-Methyl-2-Pentanone	8.574	43	916499	243.797	ug/l		99
52) Toluene	8.720	92	394588	48.706	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	218807	50.716	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	243957	49.956	ug/l		100
55) 1,1,2-Trichloroethane	9.147	97	148831	48.385	ug/l		98
56) Ethyl methacrylate	9.116	69	227388	50.140	ug/l		100
57) 1,3-Dichloropropane	9.305	76	253108	48.290	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	480379	222.770	ug/l		98
59) 2-Hexanone	9.427	43	630542	242.481	ug/l		99
60) Dibromochloromethane	9.518	129	175911	48.122	ug/l		99
61) 1,2-Dibromoethane	9.610	107	152160	47.971	ug/l		99
64) Tetrachloroethene	9.275	164	131233	47.871	ug/l		98
65) Chlorobenzene	10.079	112	429835	47.724	ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.159	131	146443	48.099	ug/l		99
67) Ethyl Benzene	10.189	91	756938	48.829	ug/l		99
68) m/p-Xylenes	10.299	106	570536	98.705	ug/l		99
69) o-Xylene	10.640	106	273804	49.223	ug/l		99
70) Styrene	10.652	104	471591	50.176	ug/l		100
71) Bromoform	10.799	173	110810	48.446	ug/l	#	99
73) Isopropylbenzene	10.957	105	718690	49.432	ug/l		100
74) N-amyl acetate	10.841	43	277245	50.217	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.207	83	205267	48.087	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	163259m	47.911	ug/l		
77) Bromobenzene	11.195	156	172064	48.465	ug/l		99
78) n-propylbenzene	11.299	91	856923	49.351	ug/l		99
79) 2-Chlorotoluene	11.360	91	506366	48.241	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	586315	49.013	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	32392	42.686	ug/l		99
82) 4-Chlorotoluene	11.451	91	592542	47.889	ug/l		99
83) tert-Butylbenzene	11.713	119	594831	49.841	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	595697	49.796	ug/l		99
85) sec-Butylbenzene	11.890	105	732328	49.507	ug/l		100
86) p-Isopropyltoluene	12.006	119	617508	49.332	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	325055	47.926	ug/l		100
88) 1,4-Dichlorobenzene	12.036	146	326132	46.752	ug/l		100
89) n-Butylbenzene	12.329	91	576963	49.556	ug/l		99
90) Hexachloroethane	12.536	117	107051	48.749	ug/l		99
91) 1,2-Dichlorobenzene	12.329	146	304391	47.283	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	38911	47.135	ug/l		96
93) 1,2,4-Trichlorobenzene	13.585	180	206837	47.926	ug/l		98
94) Hexachlorobutadiene	13.725	225	66005	42.967	ug/l		98
95) Naphthalene	13.774	128	604650	49.026	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	194540	47.822	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047357.D
Acq On : 15 Aug 2025 13:11
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Manual Integrations APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

Quant Time: Aug 18 04:22:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 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

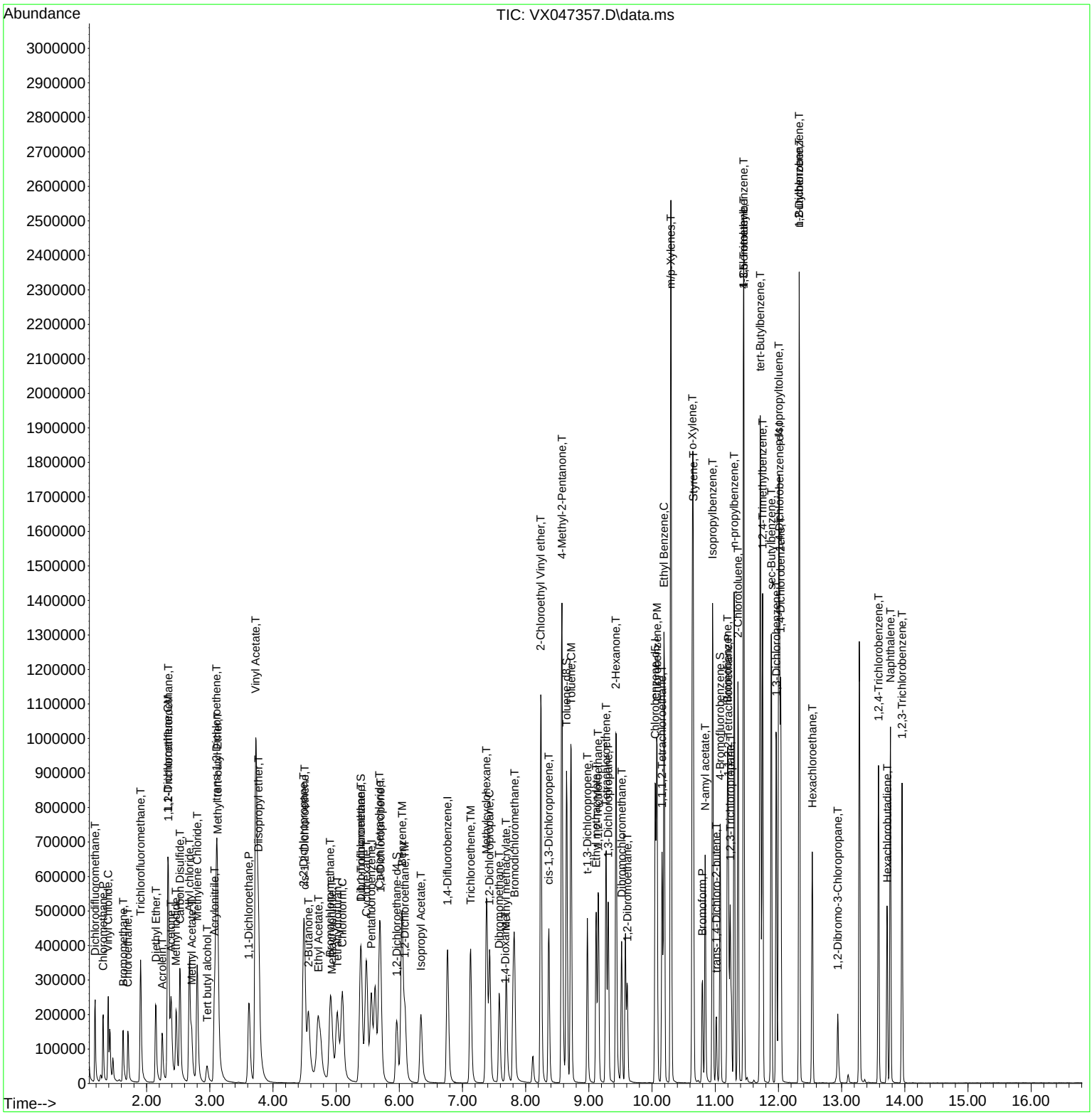
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047357.D
Acq On : 15 Aug 2025 13:11
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

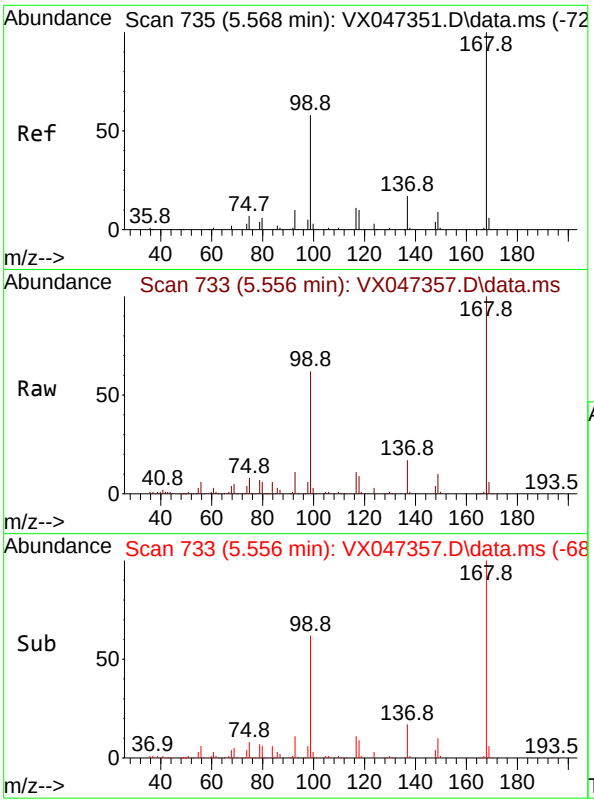
Quant Time: Aug 18 04:22:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Manual Integrations APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

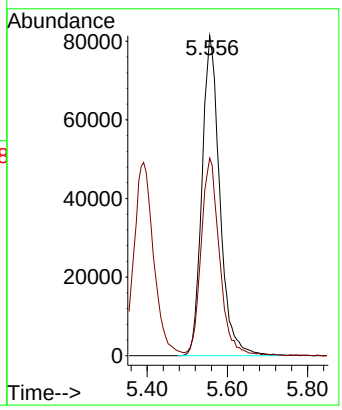




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.012 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion:168 Resp: 25088

Ion	Ratio	Lower	Upper
168	100		
99	61.5	47.9	71.9



Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

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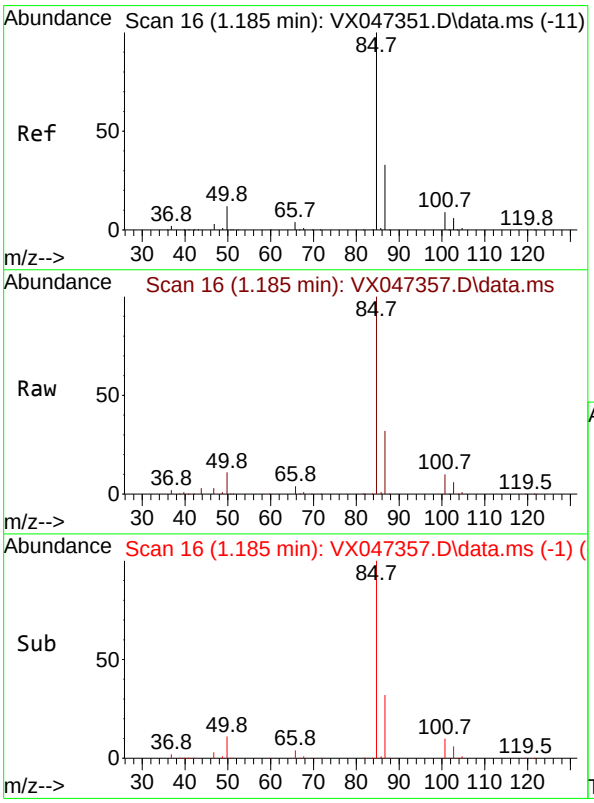
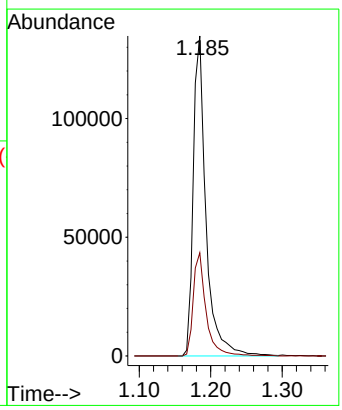
Supervised By :Mahesh Dadoda 08/19/2025

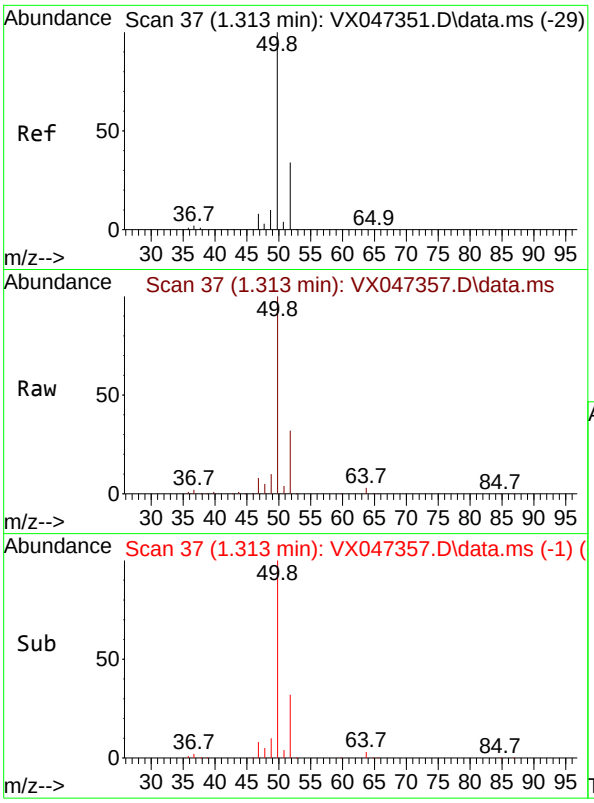


#2
Dichlorodifluoromethane
Concen: 51.981 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 85 Resp: 166246

Ion	Ratio	Lower	Upper
85	100		
87	32.3	16.4	49.1

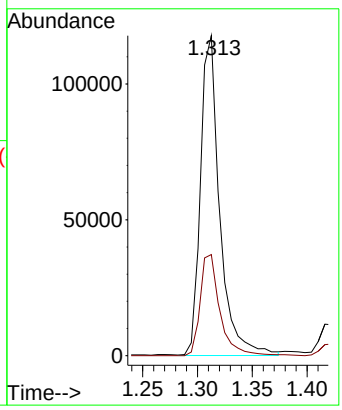




#3
Chloromethane
Concen: 49.973 ug/l
RT: 1.313 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 50 Resp: 14377

Ion	Ratio	Lower	Upper
50	100		
52	31.7	27.0	40.4



Instrument :
MSVOA_X
ClientSampleId :
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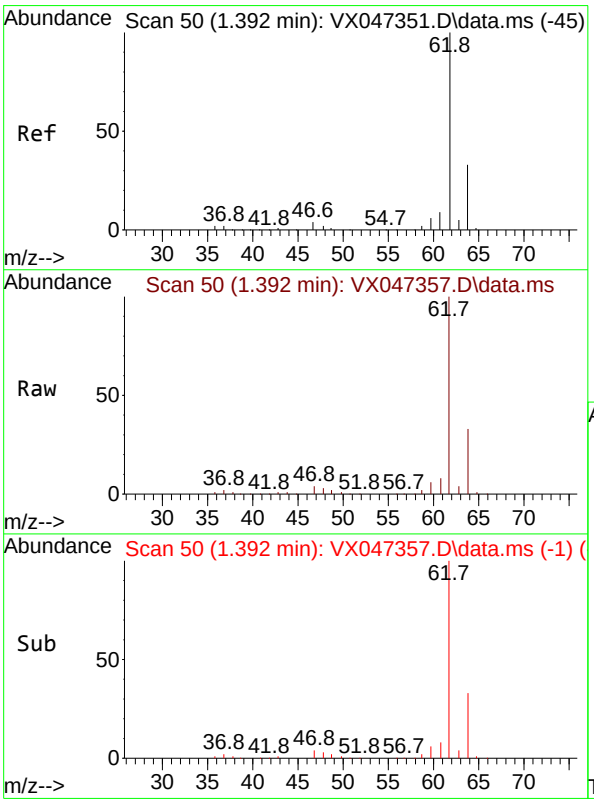
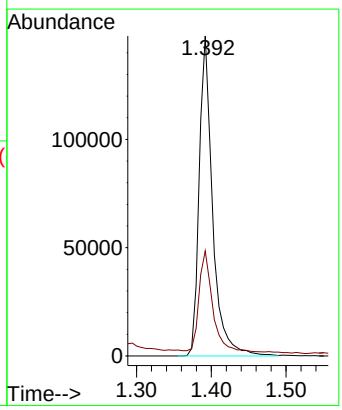
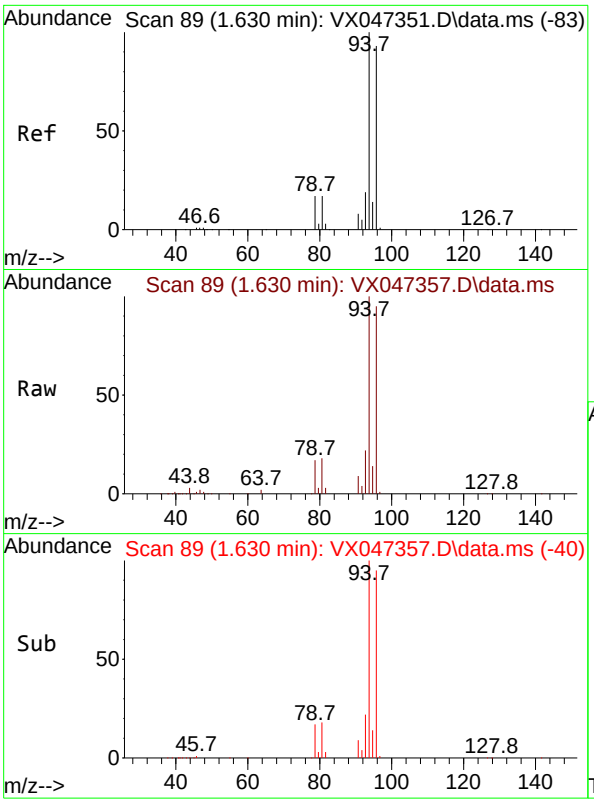


#4
Vinyl Chloride
Concen: 50.822 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 62 Resp: 183527

Ion	Ratio	Lower	Upper
62	100		
64	31.6	26.5	39.7

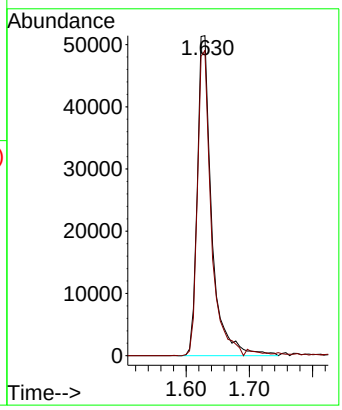




#5
Bromomethane
Concen: 56.066 ug/l
RT: 1.630 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 94 Resp: 8177

Ion	Ratio	Lower	Upper
94	100		
96	95.3	74.7	112.1



Instrument :
MSVOA_X
ClientSampleId :
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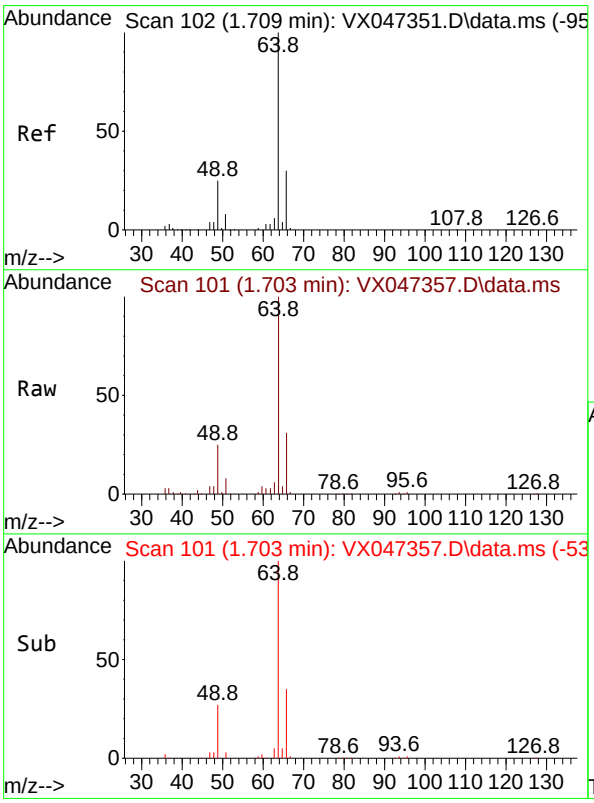
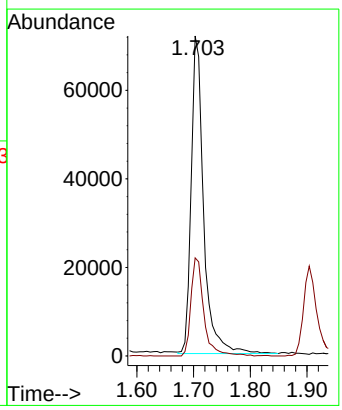
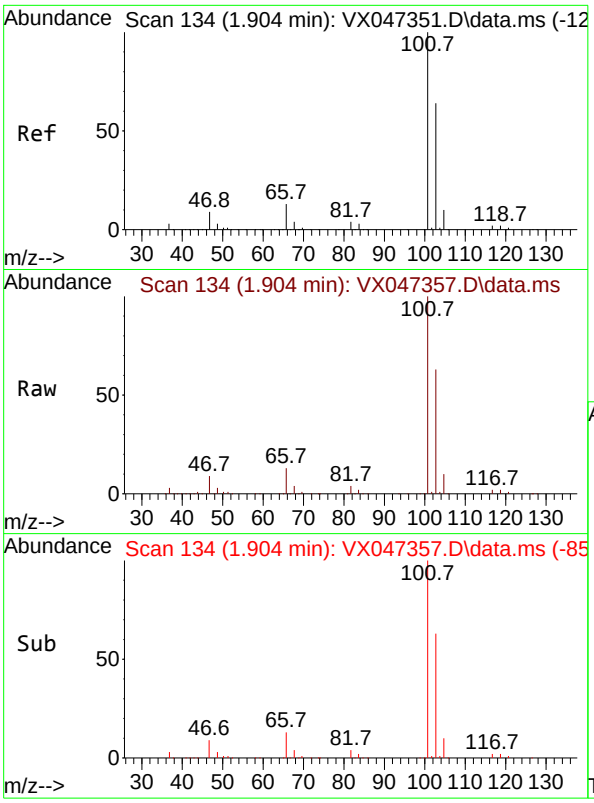


#6
Chloroethane
Concen: 49.421 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 64 Resp: 109193

Ion	Ratio	Lower	Upper
64	100		
66	30.9	24.4	36.6

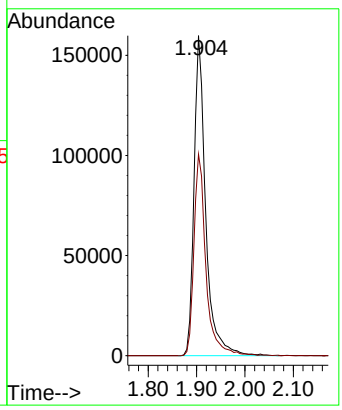




#7
Trichlorofluoromethane
Concen: 49.898 ug/l
RT: 1.904 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion:101 Resp: 26653

Ion	Ratio	Lower	Upper
101	100		
103	62.9	50.9	76.3



Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

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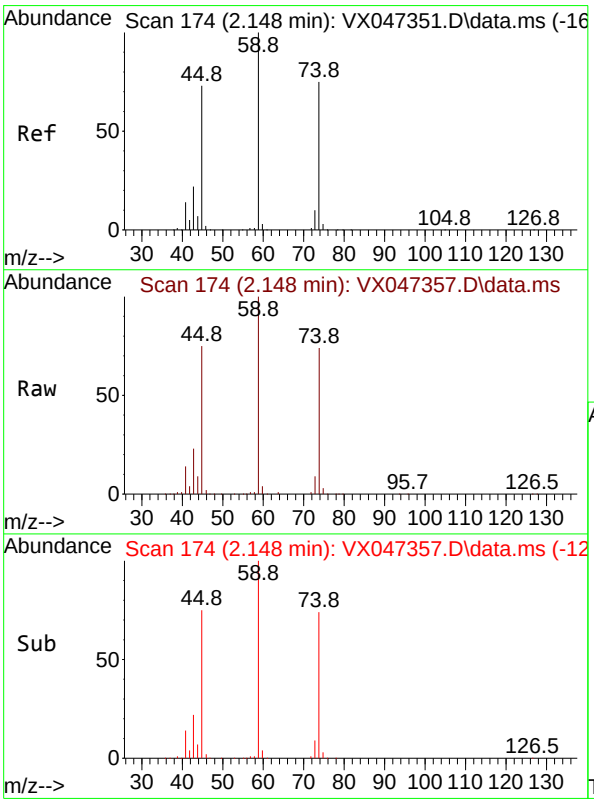
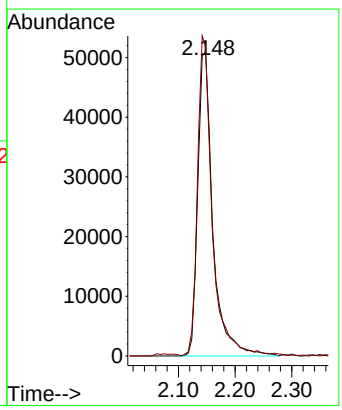
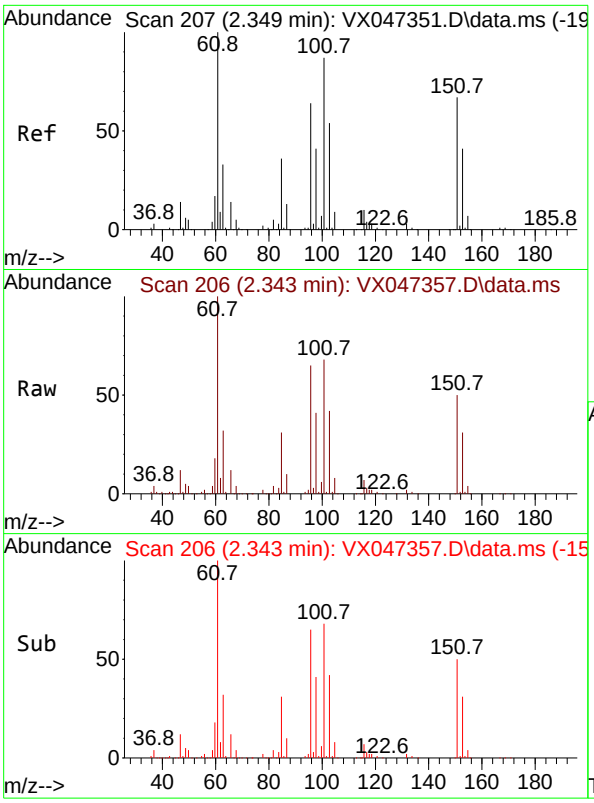


#8
Diethyl Ether
Concen: 50.132 ug/l
RT: 2.148 min Scan# 174
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 74 Resp: 94290

Ion	Ratio	Lower	Upper
74	100		
45	102.7	51.3	154.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.154 ug/l
RT: 2.343 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion:101 Resp: 15540

Ion	Ratio	Lower	Upper
101	100		
85	44.0	34.3	51.5
151	74.8	59.2	88.8

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

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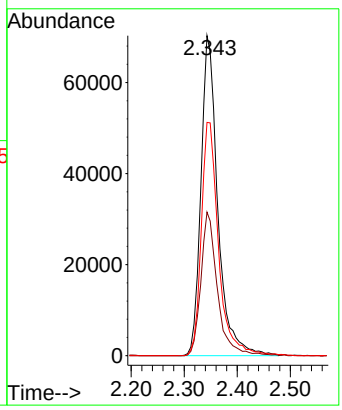
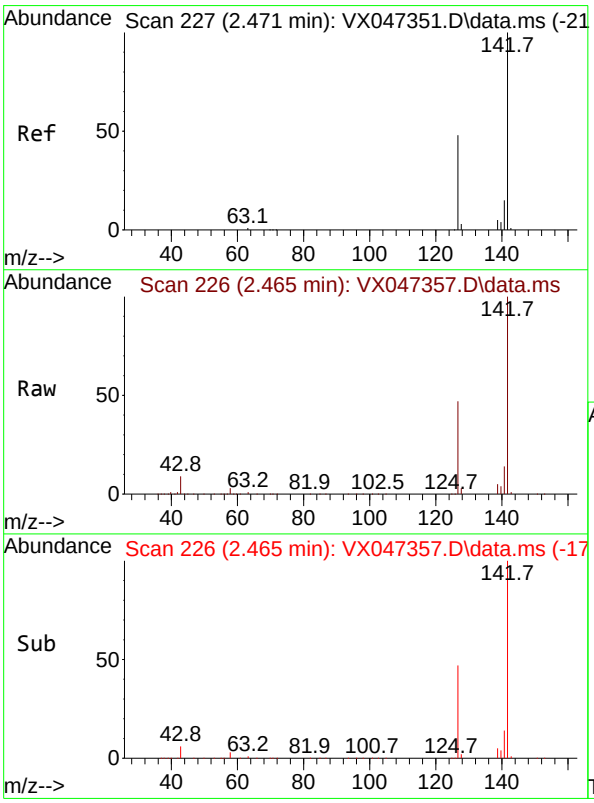
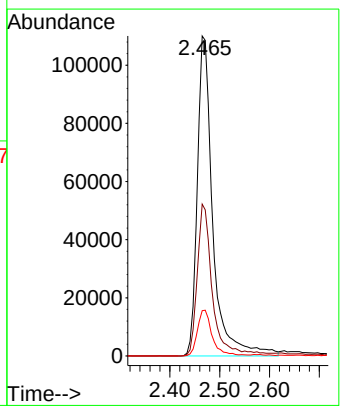


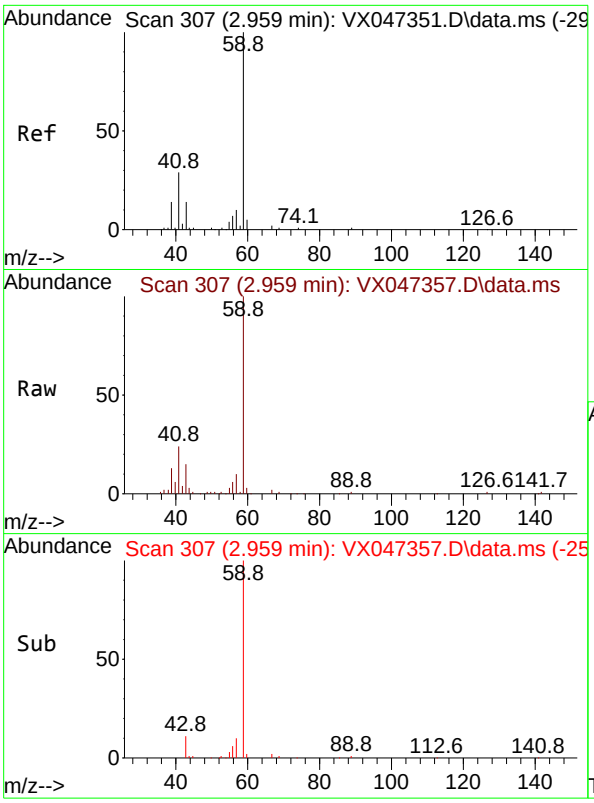


#10
Methyl Iodide
Concen: 44.887 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion:142 Resp: 238348

Ion	Ratio	Lower	Upper
142	100		
127	46.3	36.1	54.1
141	13.8	11.1	16.7

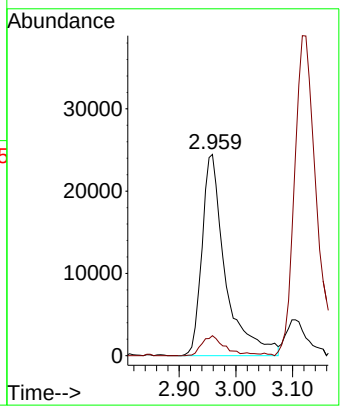




#11
Tert butyl alcohol
Concen: 229.494 ug/l
RT: 2.959 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 59 Resp: 7010

Ion	Ratio	Lower	Upper
59	100		
57	9.3	8.3	12.5



Instrument :
MSVOA_X
ClientSampleId :
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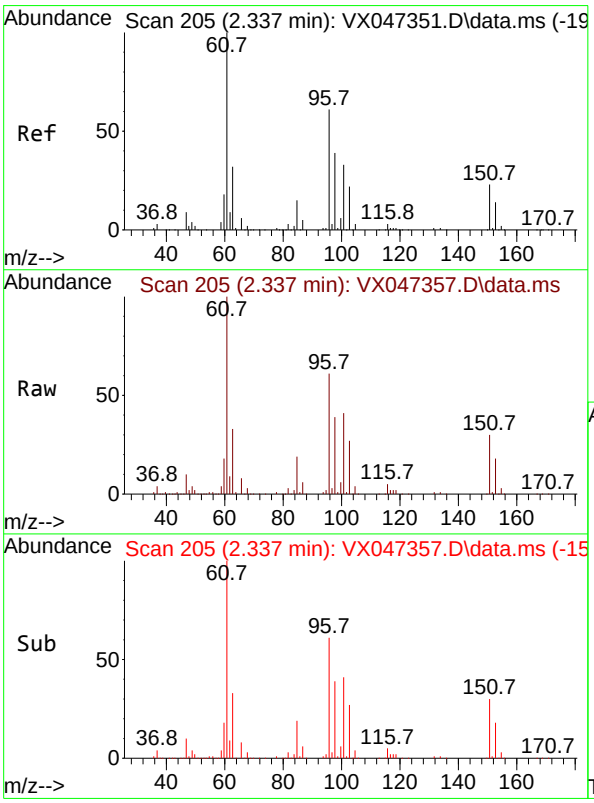
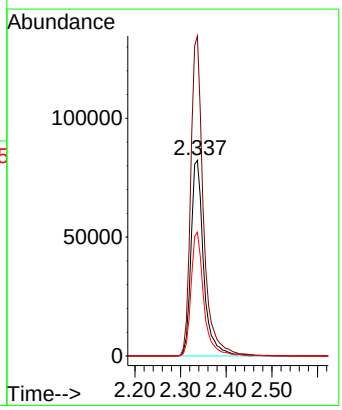
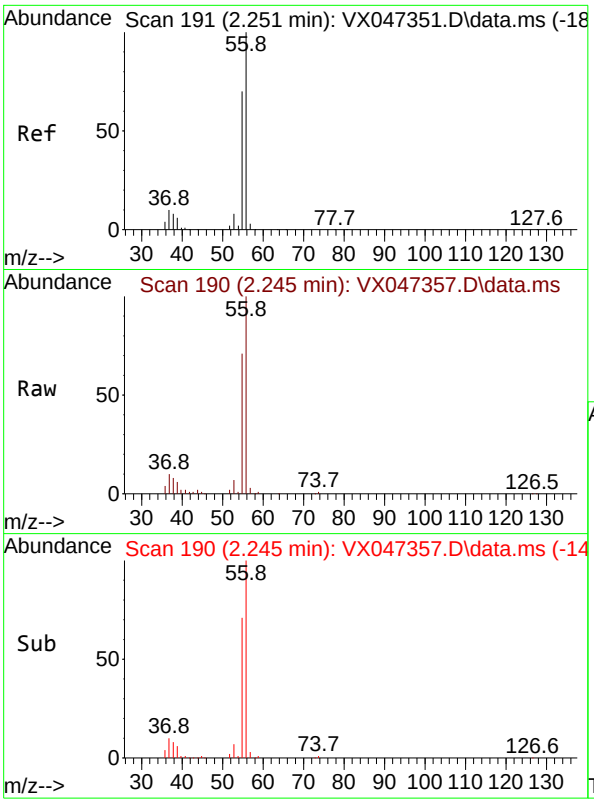


#12
1,1-Dichloroethene
Concen: 50.316 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 96 Resp: 158941

Ion	Ratio	Lower	Upper
96	100		
61	163.6	132.2	198.2
98	63.3	51.2	76.8

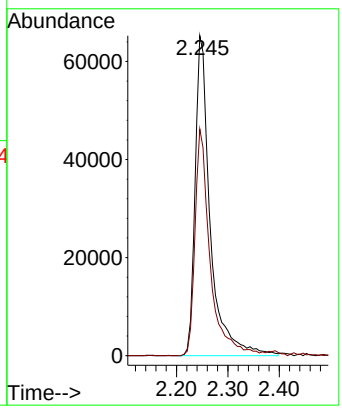




#13
Acrolein
Concen: 207.171 ug/l
RT: 2.245 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 56 Resp: 13358

Ion	Ratio	Lower	Upper
56	100		
55	70.6	55.5	83.3



Instrument :
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ClientSampleId :
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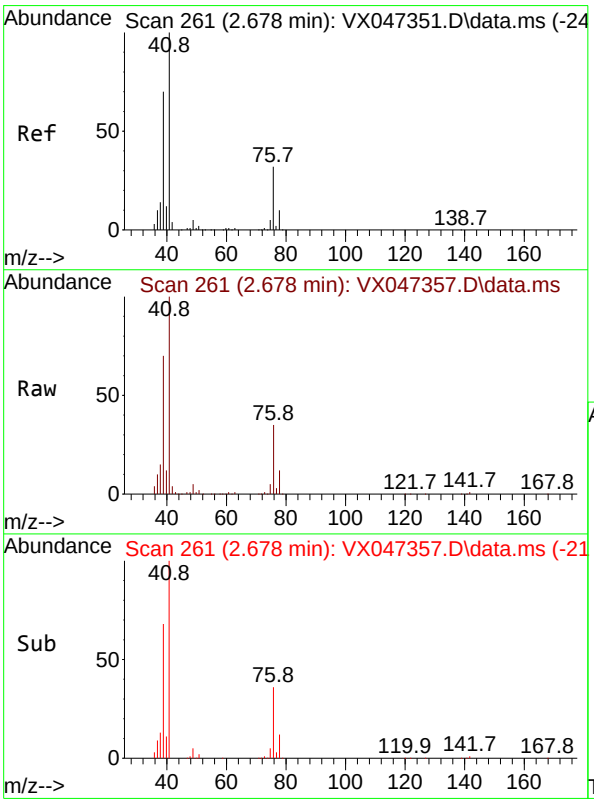
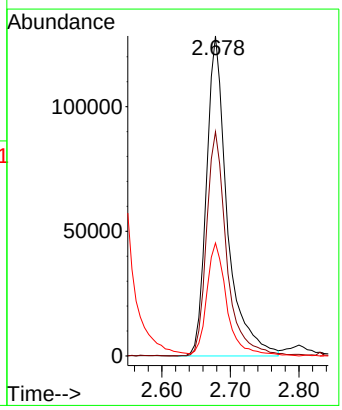
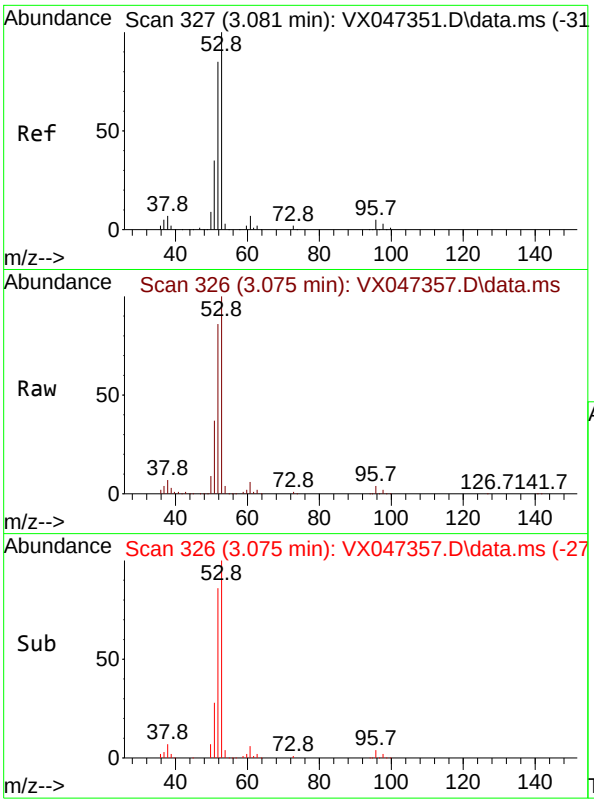


#14
Allyl chloride
Concen: 49.503 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 41 Resp: 271599

Ion	Ratio	Lower	Upper
41	100		
39	67.9	54.6	81.8
76	34.3	27.6	41.4

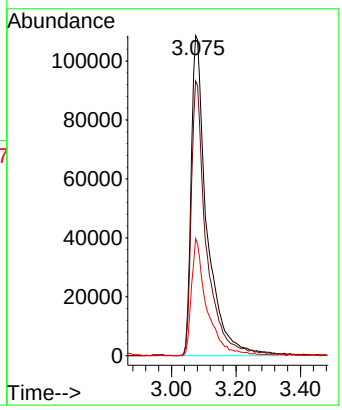




#15
Acrylonitrile
Concen: 250.094 ug/l
RT: 3.075 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 53 Resp: 36914

Ion	Ratio	Lower	Upper
53	100		
52	81.4	65.8	98.6
51	36.0	28.2	42.2



Instrument :
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ClientSampleId :
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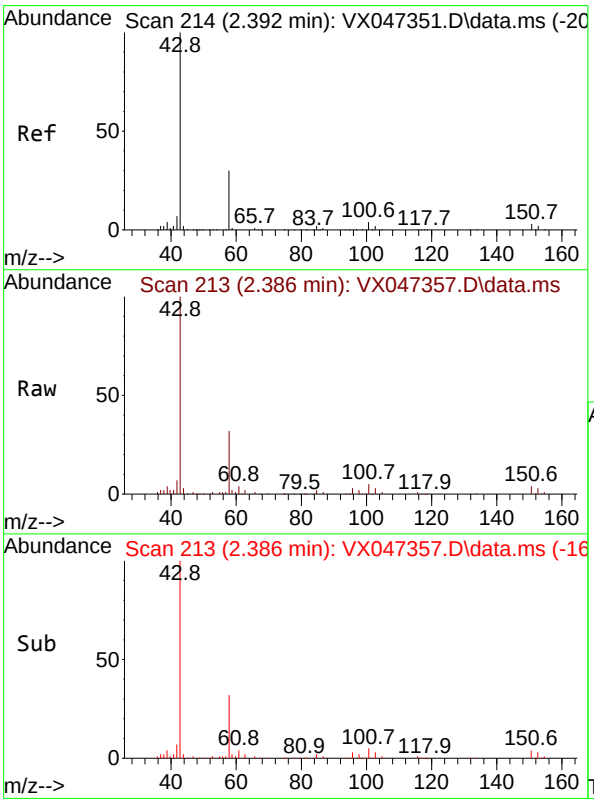
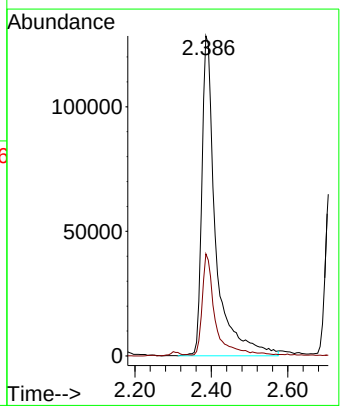
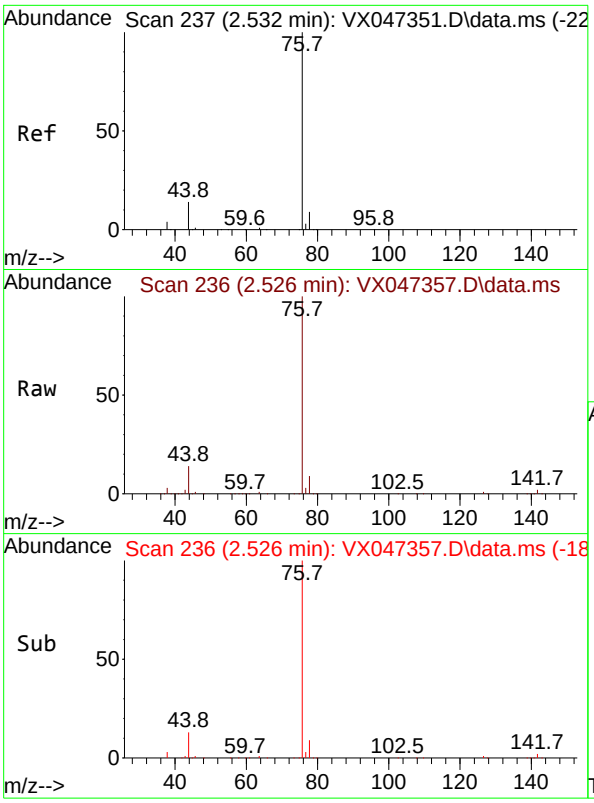


#16
Acetone
Concen: 246.195 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 43 Resp: 324930

Ion	Ratio	Lower	Upper
43	100		
58	33.2	24.8	37.2





#17
Carbon Disulfide
Concen: 48.034 ug/l
RT: 2.526 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 76 Resp: 45787

Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.2	10.8

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

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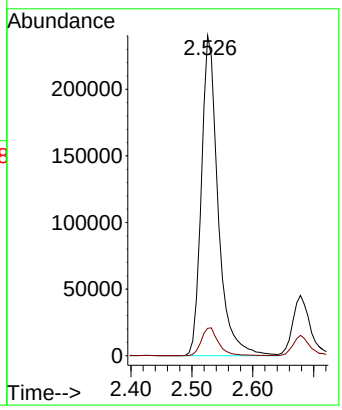
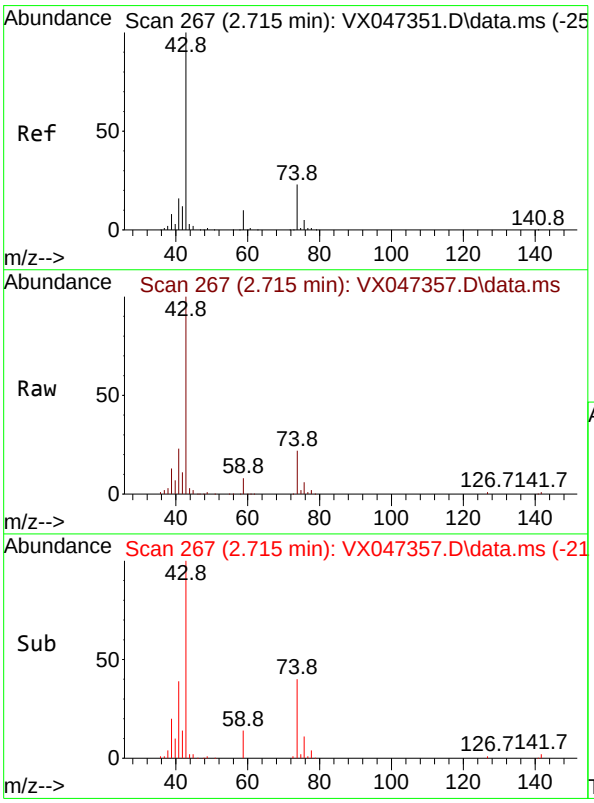
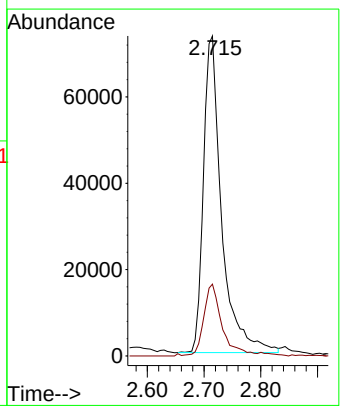


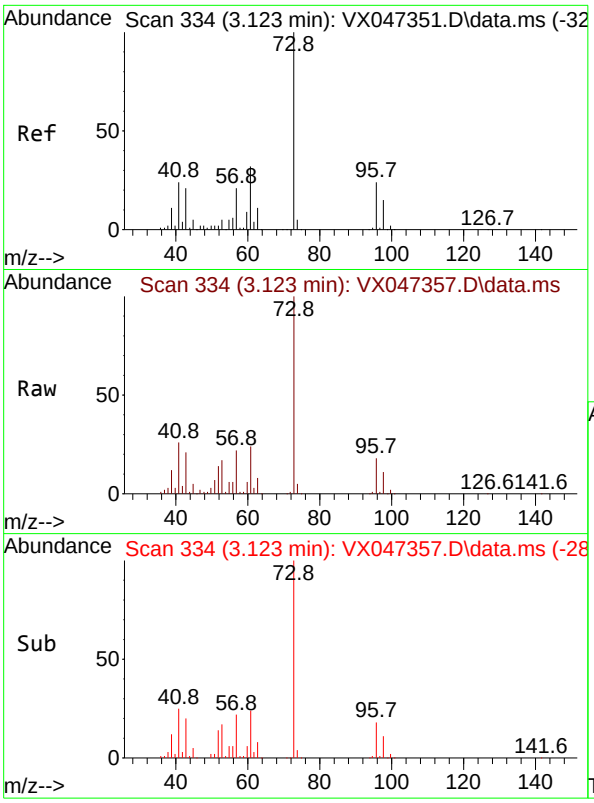


#18
Methyl Acetate
Concen: 47.774 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 43 Resp: 163394

Ion	Ratio	Lower	Upper
43	100		
74	21.6	18.4	27.6

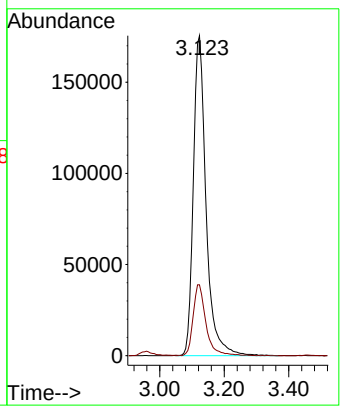




#19
Methyl tert-butyl Ether
Concen: 50.072 ug/l
RT: 3.123 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 73 Resp: 48118

Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.0	25.6



Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

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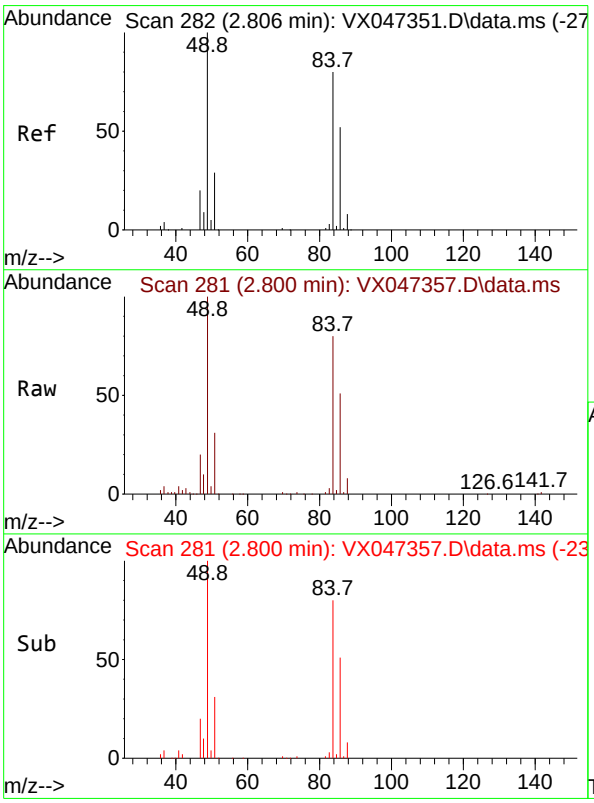
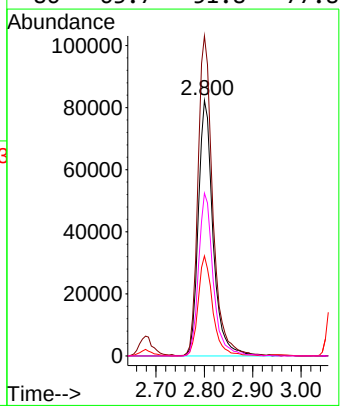
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

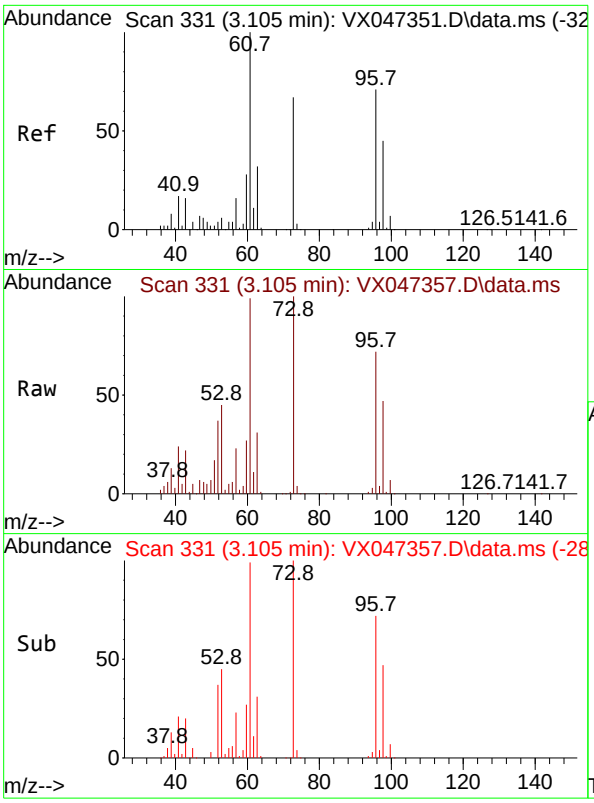


#20
Methylene Chloride
Concen: 49.724 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 84 Resp: 173780

Ion	Ratio	Lower	Upper
84	100		
49	125.0	100.1	150.1
51	39.1	29.5	44.3
86	63.7	51.8	77.8

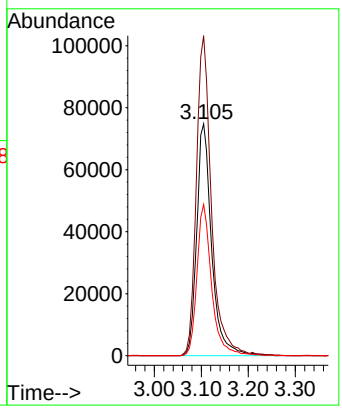




#21
trans-1,2-Dichloroethene
Concen: 49.352 ug/l
RT: 3.105 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 96 Resp: 16546

Ion	Ratio	Lower	Upper
96	100		
61	138.0	112.6	169.0
98	67.2	50.9	76.3



Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

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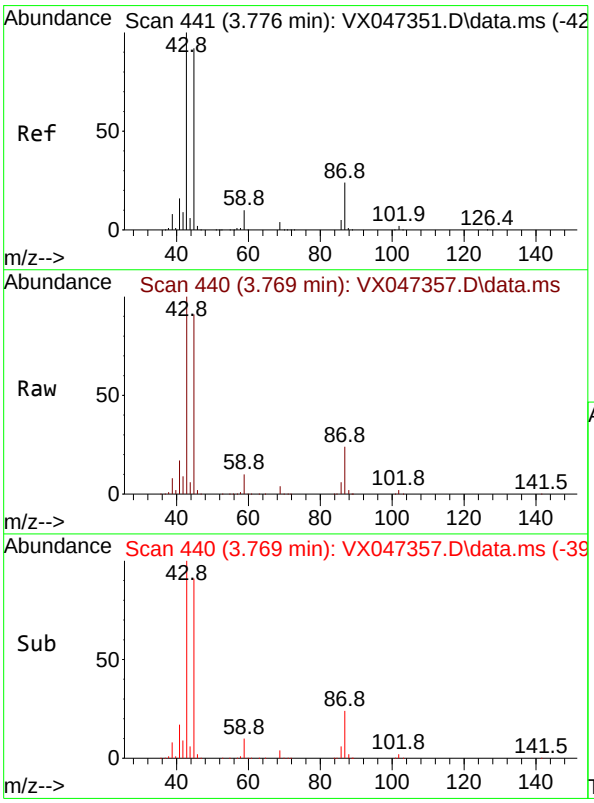
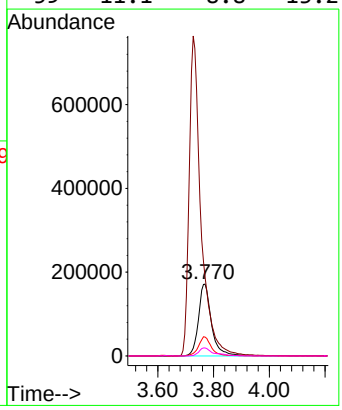
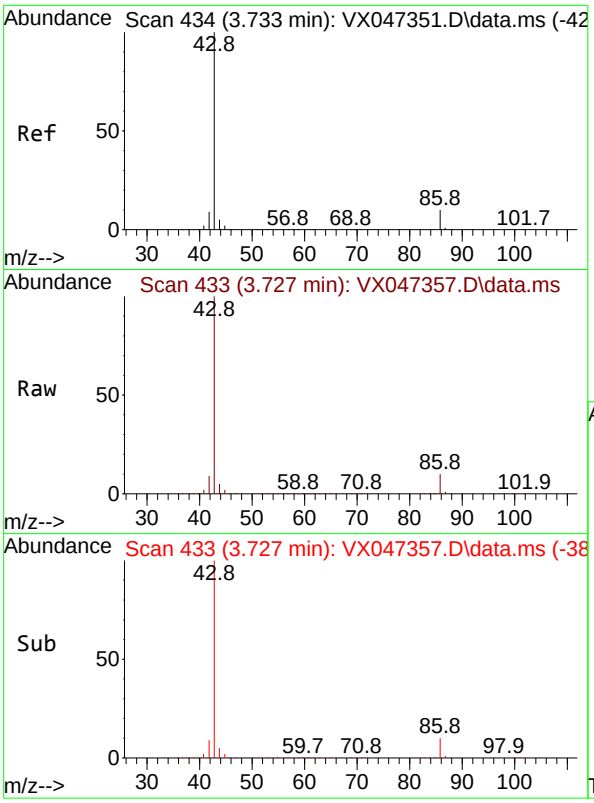


#22
Diisopropyl ether
Concen: 51.358 ug/l
RT: 3.769 min Scan# 440
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 45 Resp: 556979

Ion	Ratio	Lower	Upper
45	100		
43	109.4	86.8	130.2
87	26.4	20.4	30.6
59	11.1	8.8	13.2





#23
Vinyl Acetate
Concen: 254.755 ug/l
RT: 3.727 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 43 Resp: 226455

Ion	Ratio	Lower	Upper
43	100		
86	10.1	7.9	11.9

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

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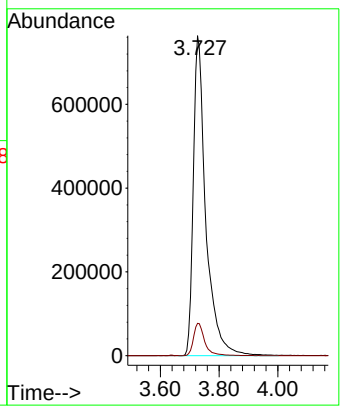
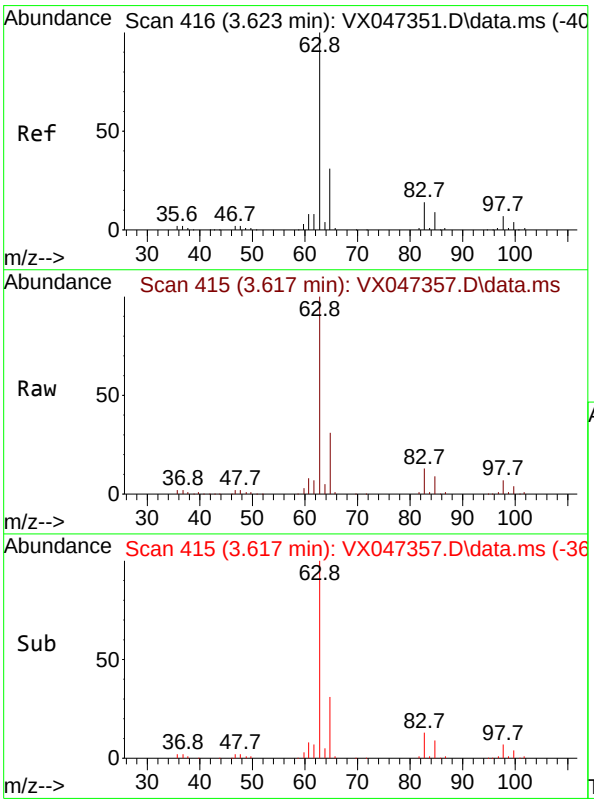
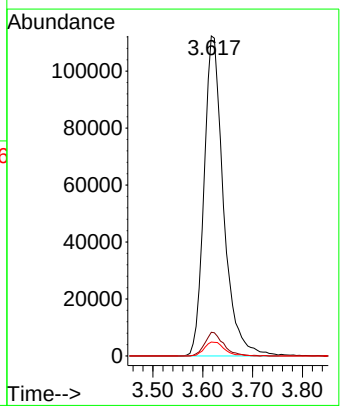


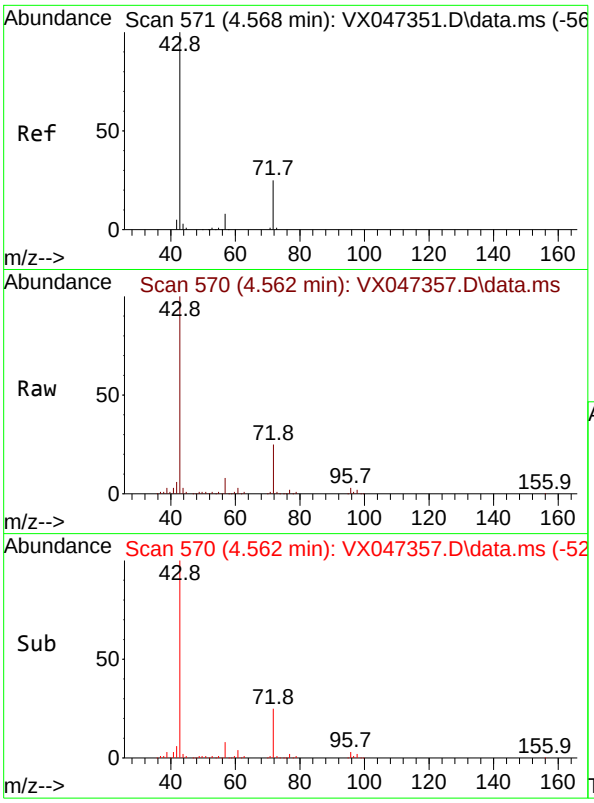


#24
1,1-Dichloroethane
Concen: 49.586 ug/l
RT: 3.617 min Scan# 415
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 63 Resp: 303962

Ion	Ratio	Lower	Upper
63	100		
98	7.4	3.3	9.9
100	4.3	2.1	6.3





#25
2-Butanone
Concen: 244.186 ug/l
RT: 4.562 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 43 Resp: 42208

Ion	Ratio	Lower	Upper
43	100		
72	24.6	19.8	29.8

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

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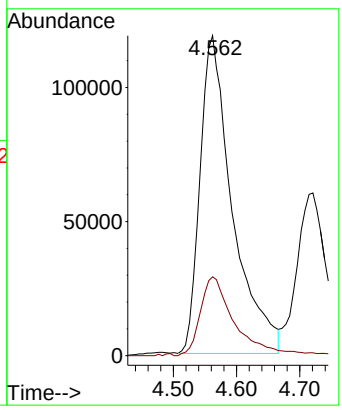
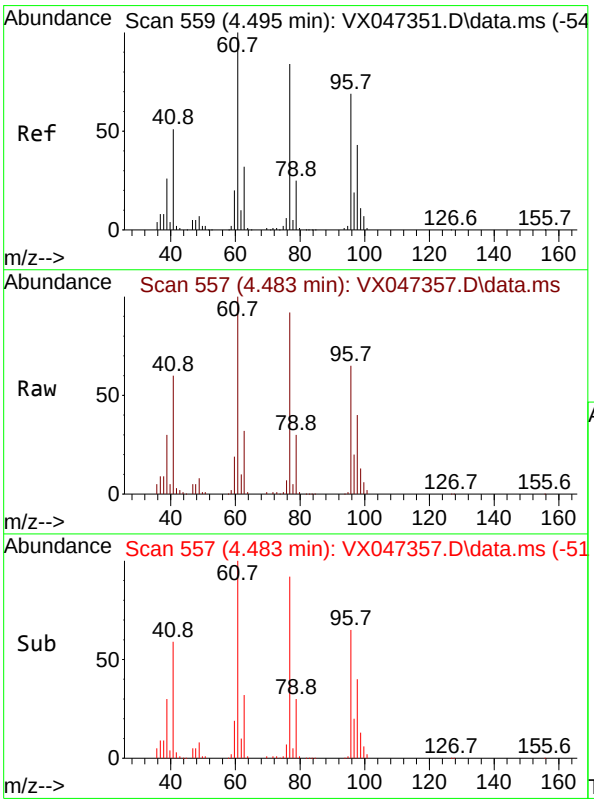
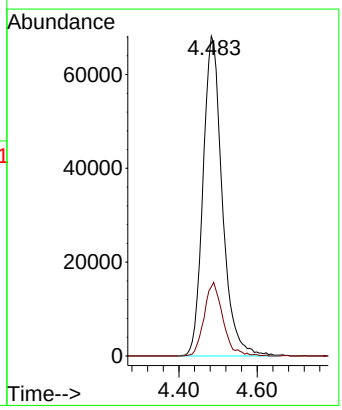


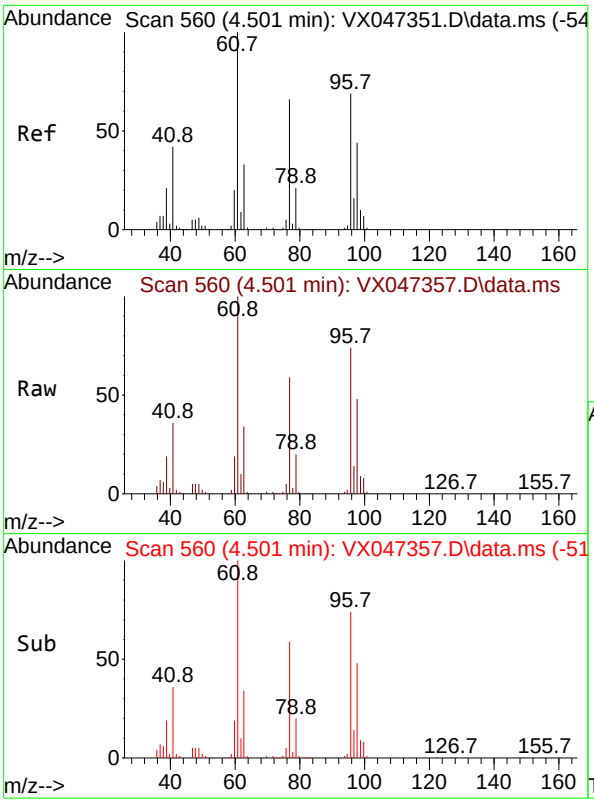


#26
2,2-Dichloropropane
Concen: 50.188 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.012 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 77 Resp: 232204

Ion	Ratio	Lower	Upper
77	100		
97	22.3	11.4	34.1





#27
cis-1,2-Dichloroethene
Concen: 49.507 ug/l
RT: 4.501 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 96 Resp: 19332

Ion	Ratio	Lower	Upper
96	100		
61	145.7	0.0	296.6
98	63.5	0.0	130.4

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

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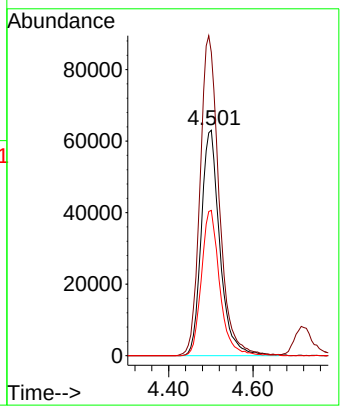
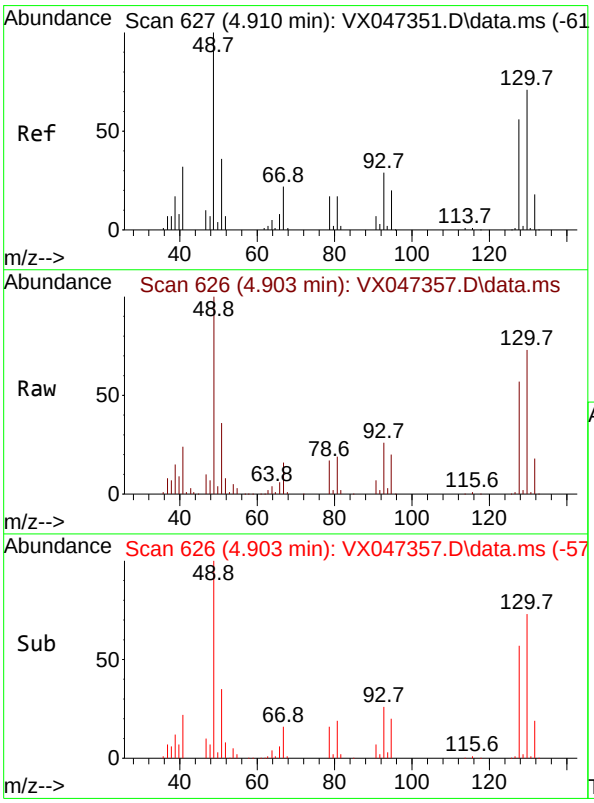
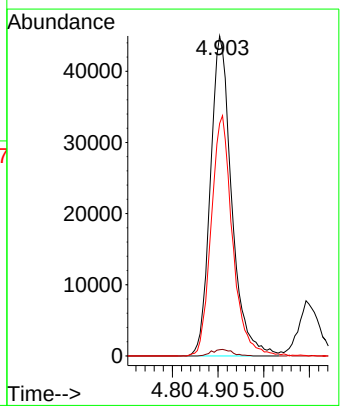


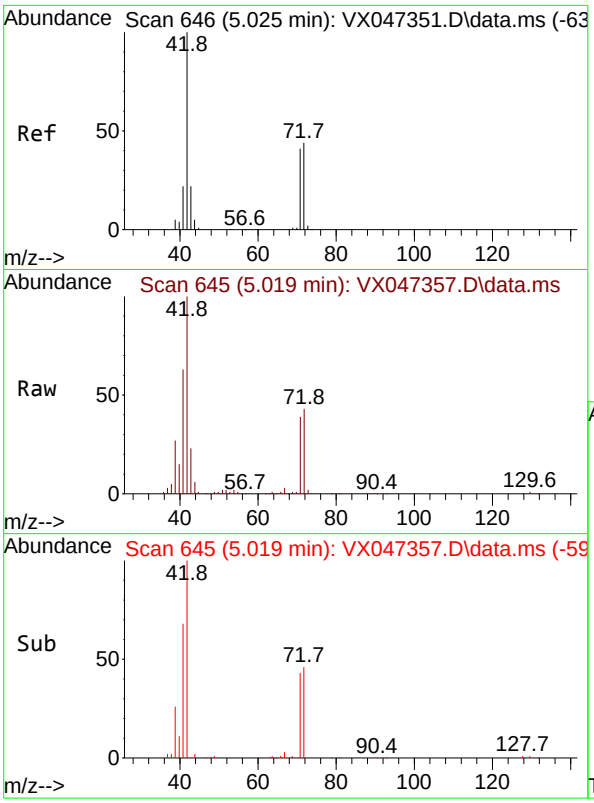


#28
Bromochloromethane
Concen: 57.153 ug/l
RT: 4.903 min Scan# 626
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 49 Resp: 145787

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	75.0	59.8	89.6





#29
Tetrahydrofuran
Concen: 240.659 ug/l
RT: 5.019 min Scan# 64
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 42 Resp: 26886

Ion	Ratio	Lower	Upper
42	100		
72	43.7	34.6	51.8
71	39.8	32.6	49.0

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Manual Integrations
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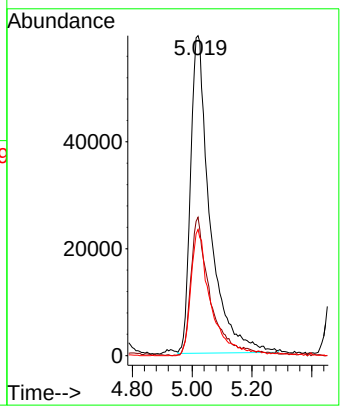
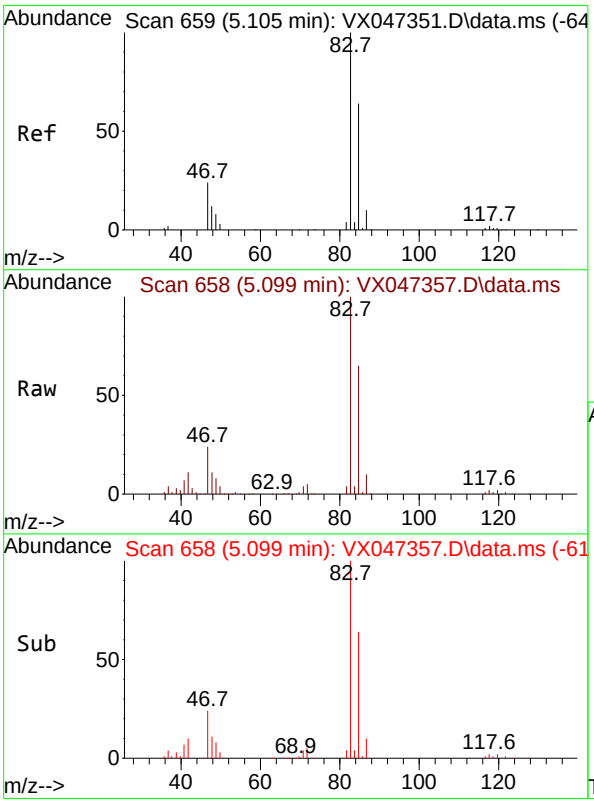
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

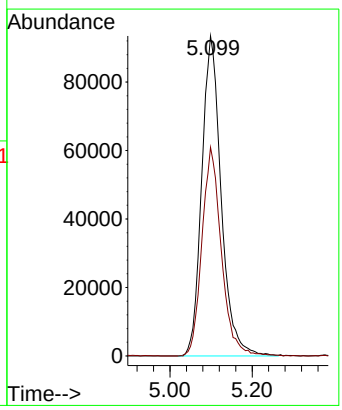


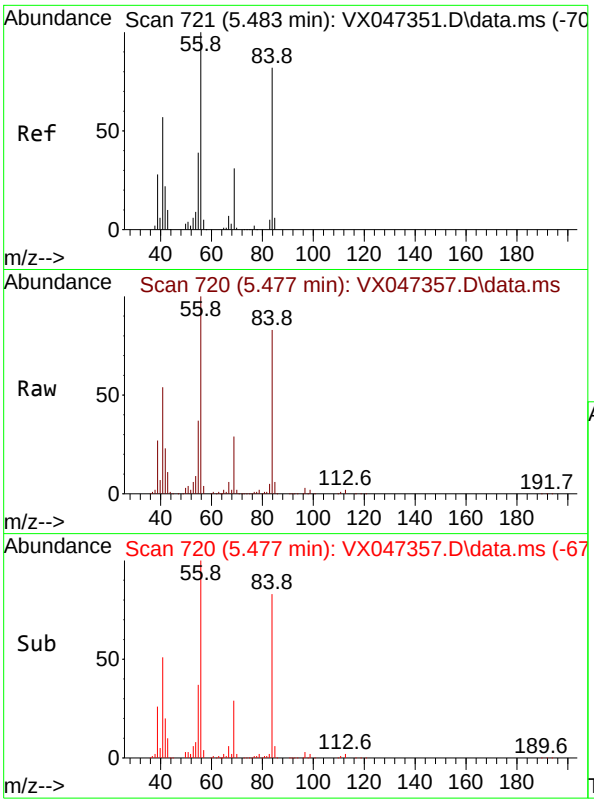


#30
Chloroform
Concen: 49.055 ug/l
RT: 5.099 min Scan# 658
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 83 Resp: 306888

Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.2	76.8

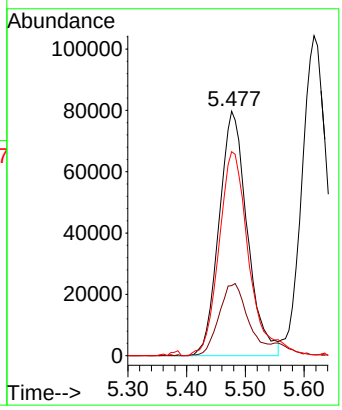




#31
Cyclohexane
Concen: 47.066 ug/l
RT: 5.477 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 56 Resp: 26596

Ion	Ratio	Lower	Upper
56	100		
69	28.3	24.3	36.5
84	81.4	65.3	97.9



Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Manual Integrations
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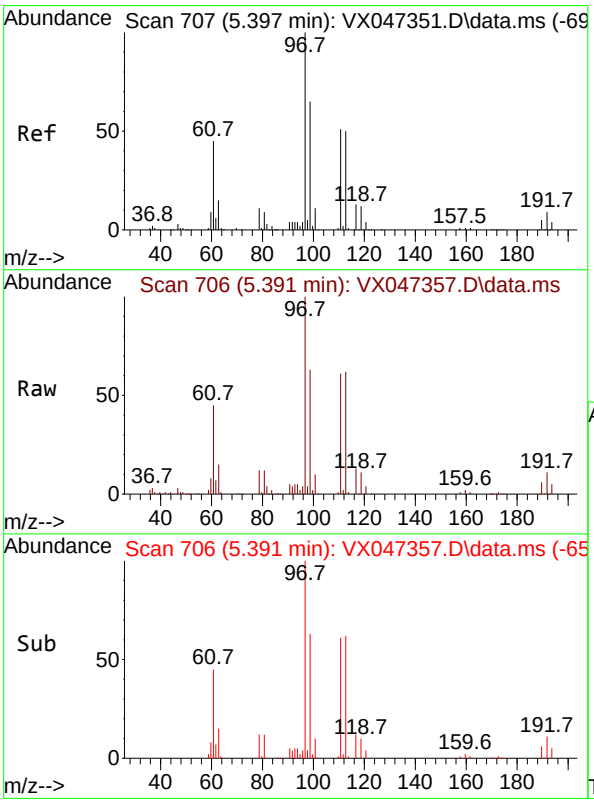
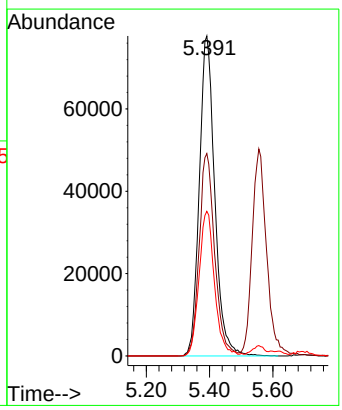
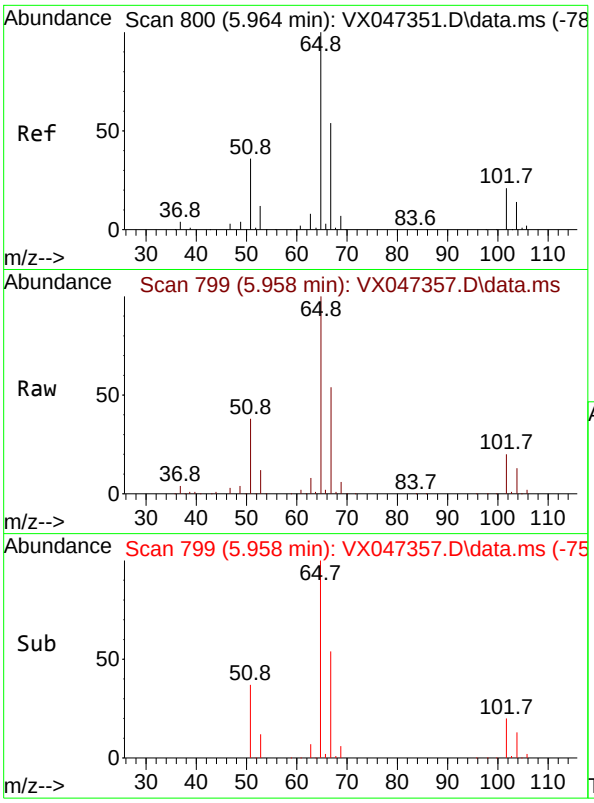


#32
1,1,1-Trichloroethane
Concen: 49.018 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 97 Resp: 263954

Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.4	77.0
61	45.4	35.7	53.5





#33
1,2-Dichloroethane-d4
Concen: 54.750 ug/l
RT: 5.958 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 65 Resp: 19224

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	106.0

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Manual Integrations
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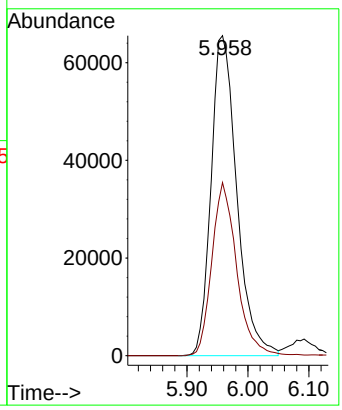
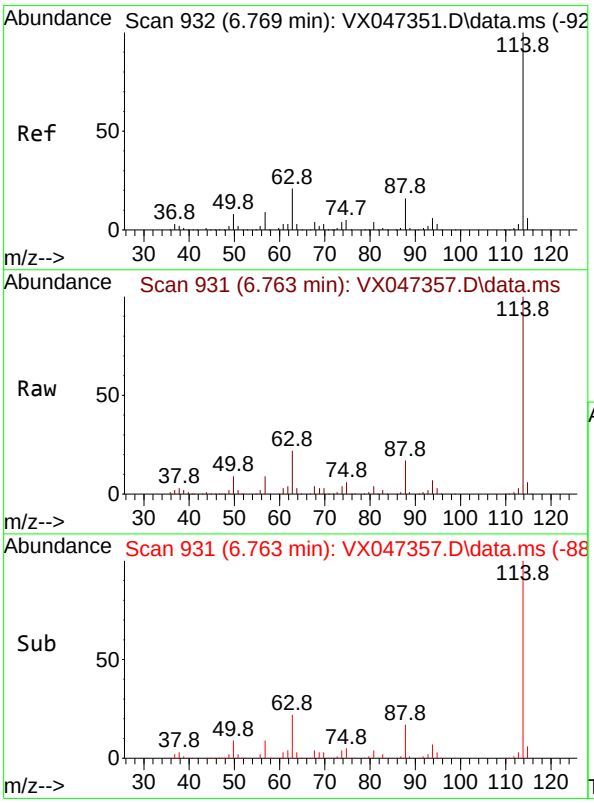
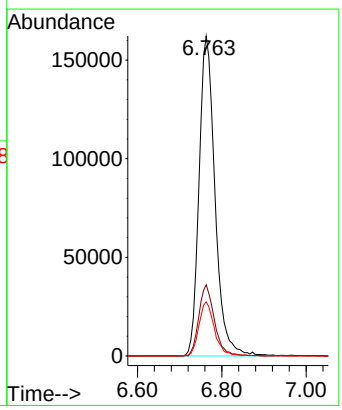


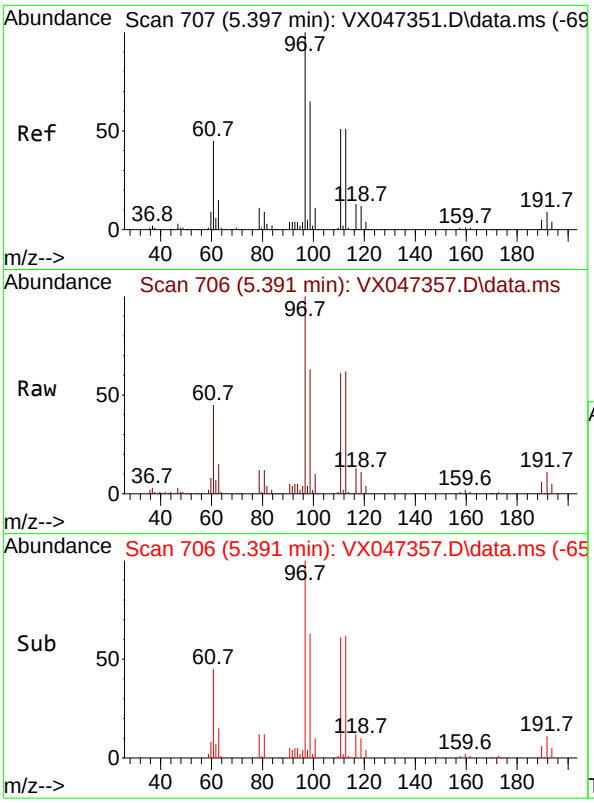


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion:114 Resp: 427543

Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	42.4
88	16.9	0.0	33.0

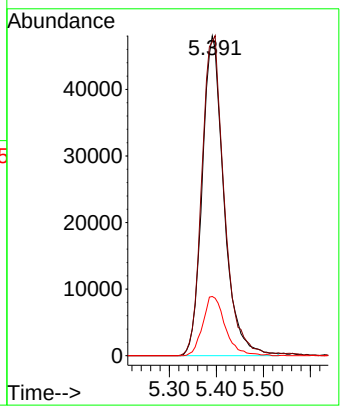




#35
Dibromofluoromethane
Concen: 55.488 ug/l
RT: 5.391 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion:113 Resp: 15396

Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.4	122.2
192	19.2	14.1	21.1



Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Manual Integrations
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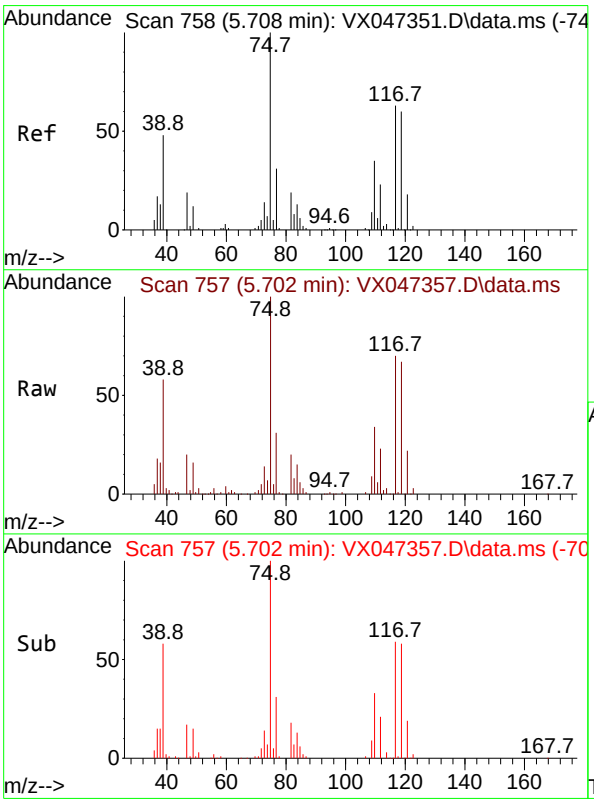
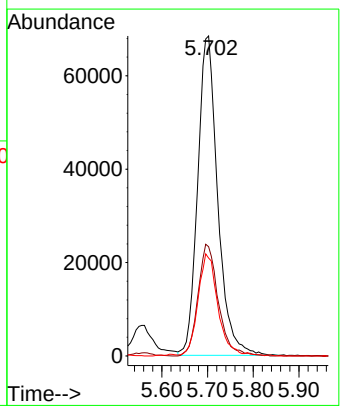
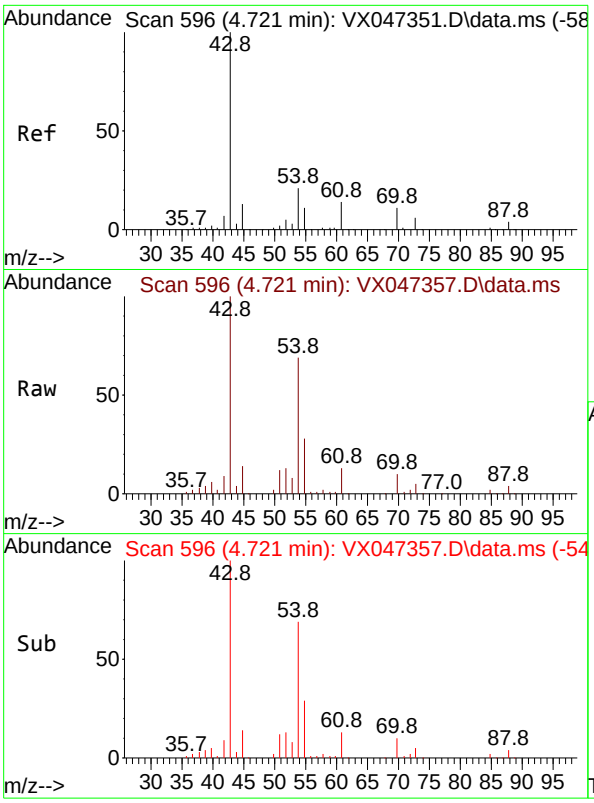


#36
1,1-Dichloropropene
Concen: 47.627 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 75 Resp: 208616

Ion	Ratio	Lower	Upper
75	100		
110	35.4	17.4	52.2
77	31.5	24.4	36.6





#37
Ethyl Acetate
Concen: 47.213 ug/l
RT: 4.721 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 43 Resp: 21469

Ion	Ratio	Lower	Upper
43	100		
61	11.4	9.4	14.2
70	9.0	7.0	10.6

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Manual Integrations
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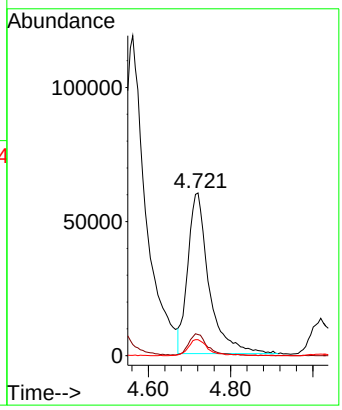
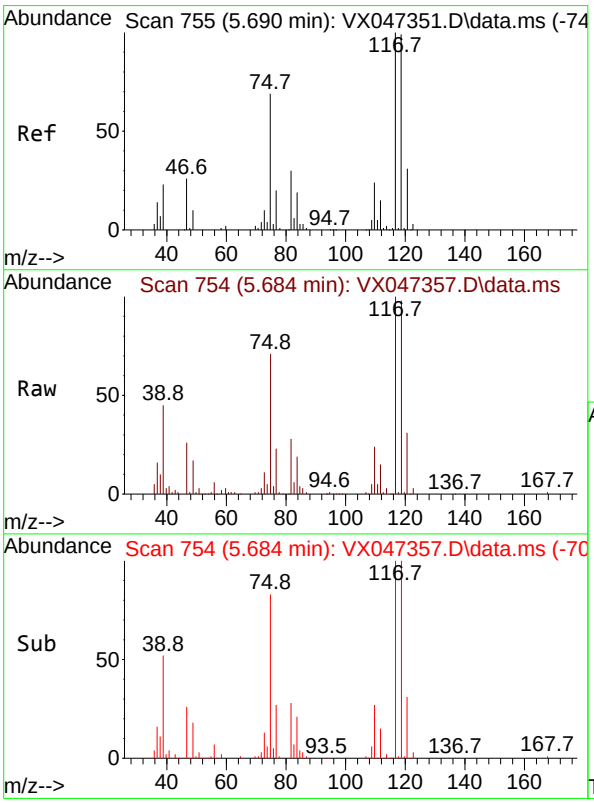
Supervised By :Mahesh Dadoda 08/19/2025

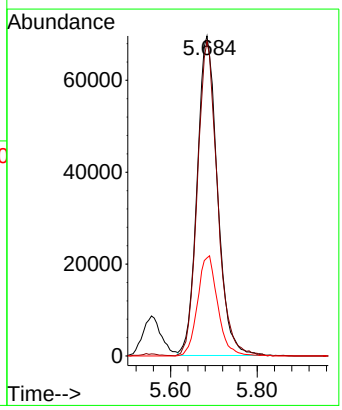


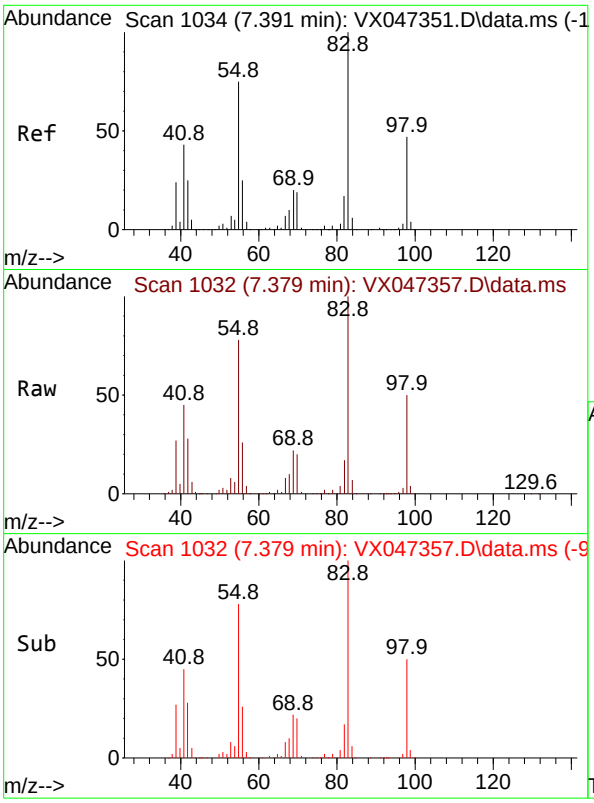


#38
Carbon Tetrachloride
Concen: 47.393 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion:117 Resp: 226854

Ion	Ratio	Lower	Upper
117	100		
119	98.3	78.5	117.7
121	30.7	24.7	37.1

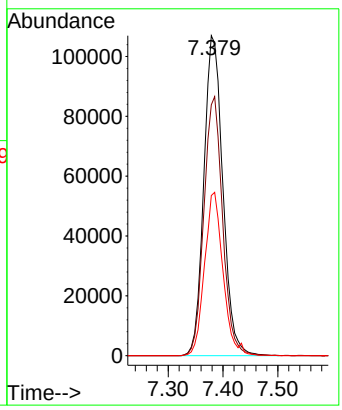




#39
Methylcyclohexane
Concen: 47.074 ug/l
RT: 7.379 min Scan# 1
Delta R.T. -0.012 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 83 Resp: 25719

Ion	Ratio	Lower	Upper
83	100		
55	78.4	60.0	90.0
98	50.0	37.2	55.8



Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

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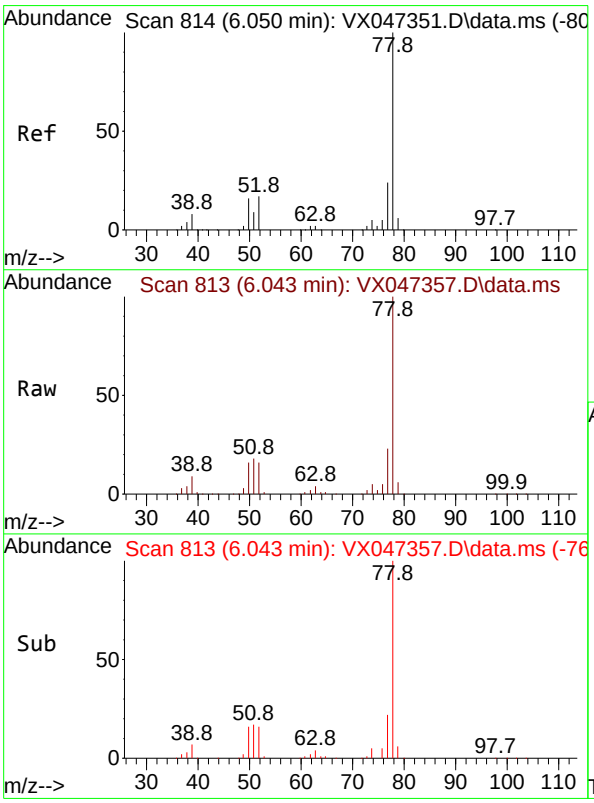
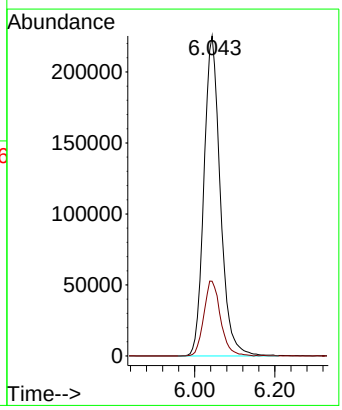
Supervised By :Mahesh Dadoda 08/19/2025

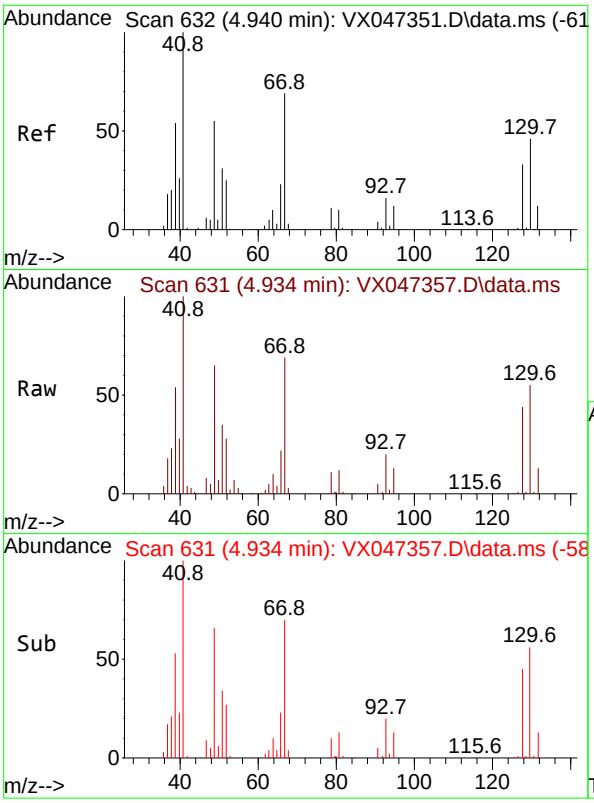


#40
Benzene
Concen: 48.672 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 78 Resp: 638127

Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.0	28.4

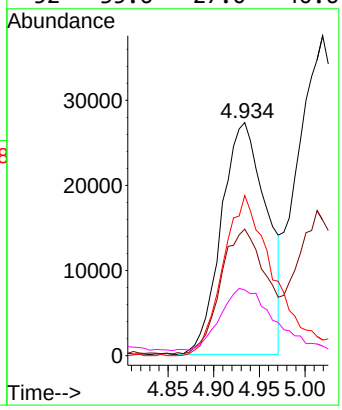




#41
Methacrylonitrile
Concen: 48.768 ug/l
RT: 4.934 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 41 Resp: 9351

Ion	Ratio	Lower	Upper
41	100		
39	54.3	45.4	68.2
67	82.3	64.0	96.0
52	35.6	27.0	40.6



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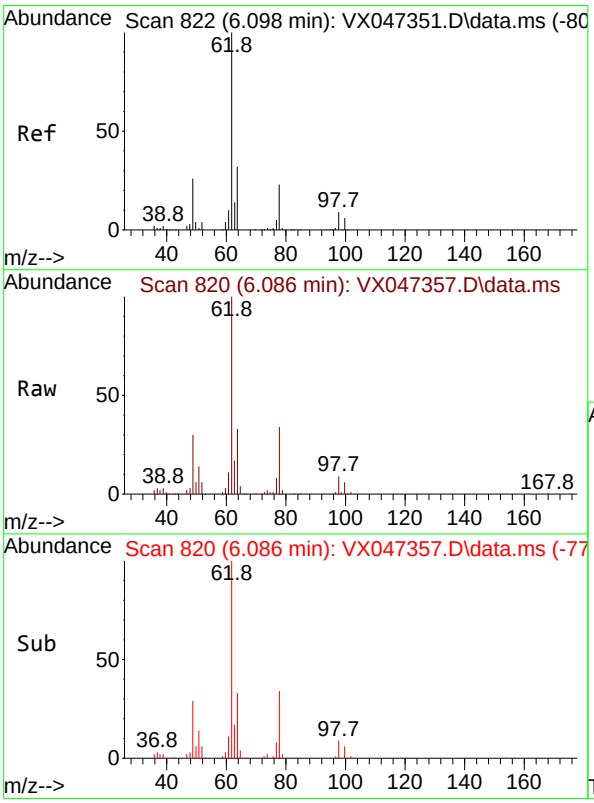
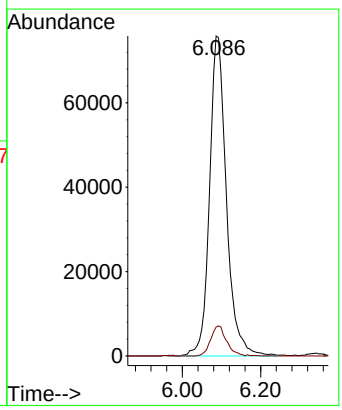
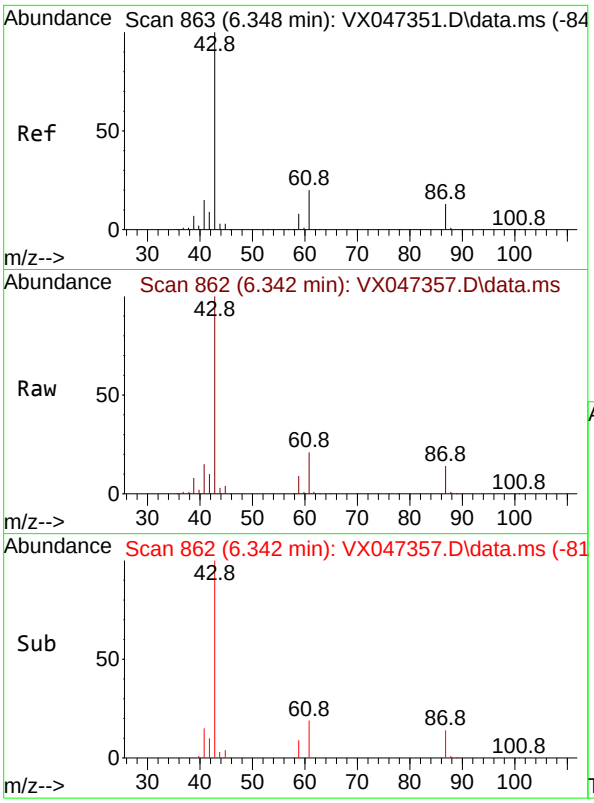


#42
1,2-Dichloroethane
Concen: 48.708 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.012 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 62 Resp: 226201

Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	18.0

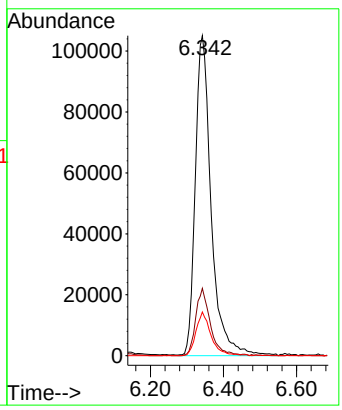




#43
Isopropyl Acetate
Concen: 48.740 ug/l
RT: 6.342 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 43 Resp: 31840

Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.4	23.0
87	12.9	10.2	15.4



Instrument :
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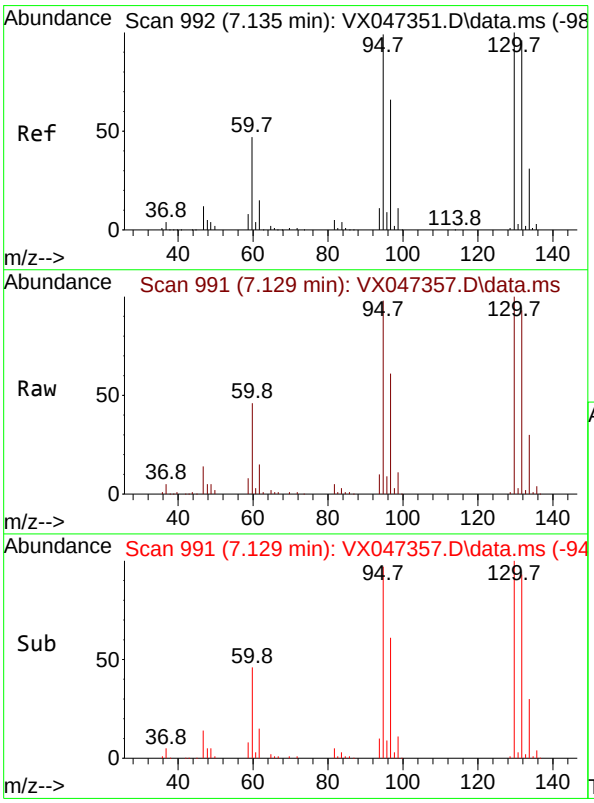
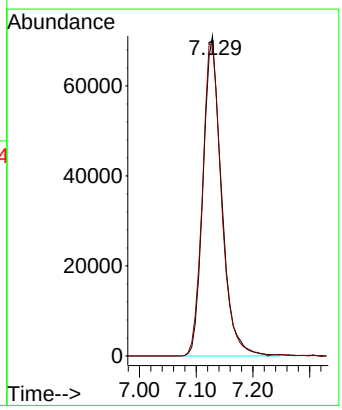
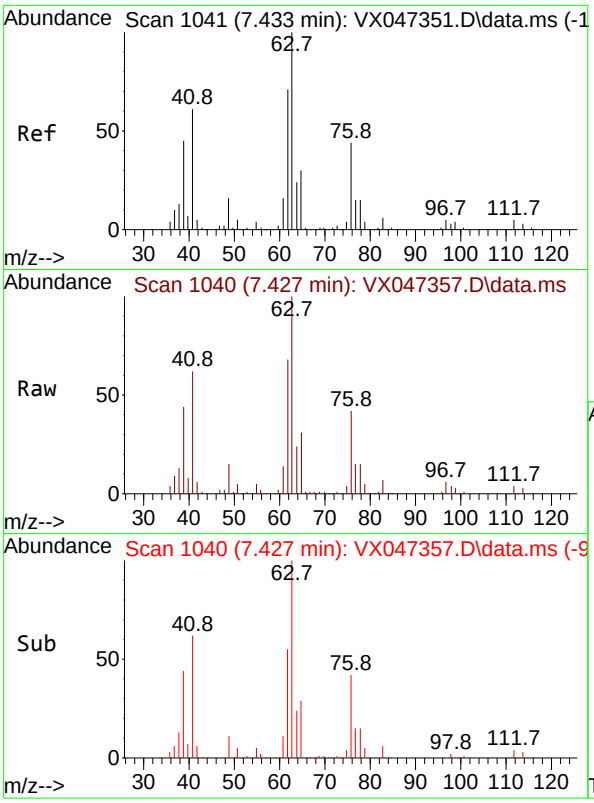


#44
Trichloroethene
Concen: 47.974 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion:130 Resp: 161053

Ion	Ratio	Lower	Upper
130	100		
95	97.5	0.0	198.6

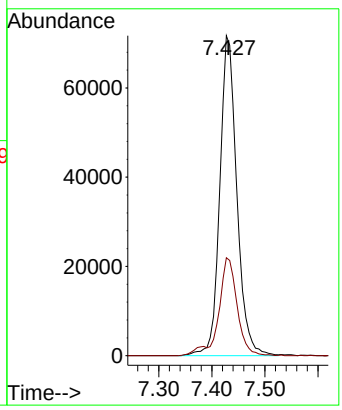




#45
1,2-Dichloropropane
Concen: 48.760 ug/l
RT: 7.427 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 63 Resp: 16015

Ion	Ratio	Lower	Upper
63	100		
65	30.6	23.8	35.6



Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

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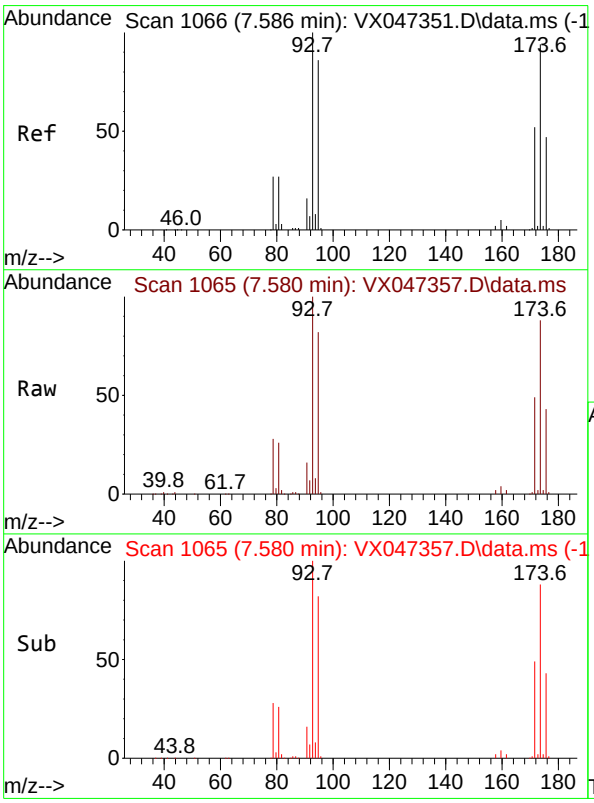
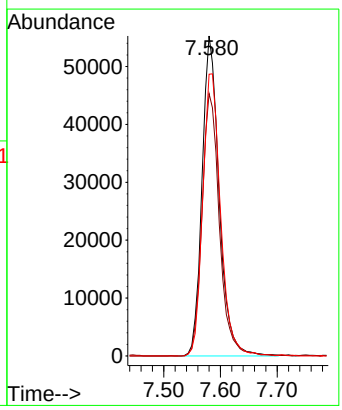
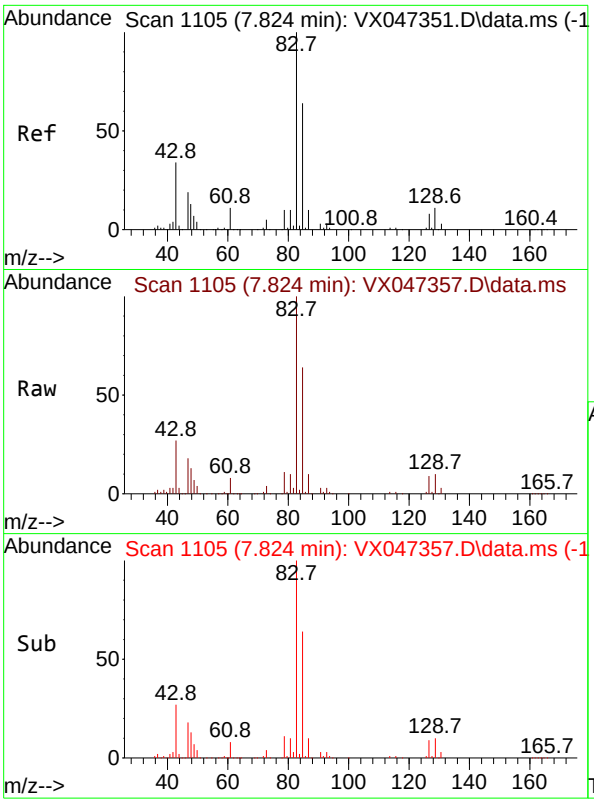


#46
Dibromomethane
Concen: 48.500 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 93 Resp: 115651

Ion	Ratio	Lower	Upper
93	100		
95	83.5	68.0	102.0
174	92.2	75.8	113.6

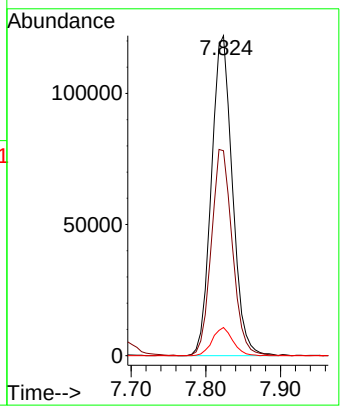




#47
Bromodichloromethane
Concen: 48.121 ug/l
RT: 7.824 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 83 Resp: 23788

Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.0	76.6
127	8.8	7.0	10.4



Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

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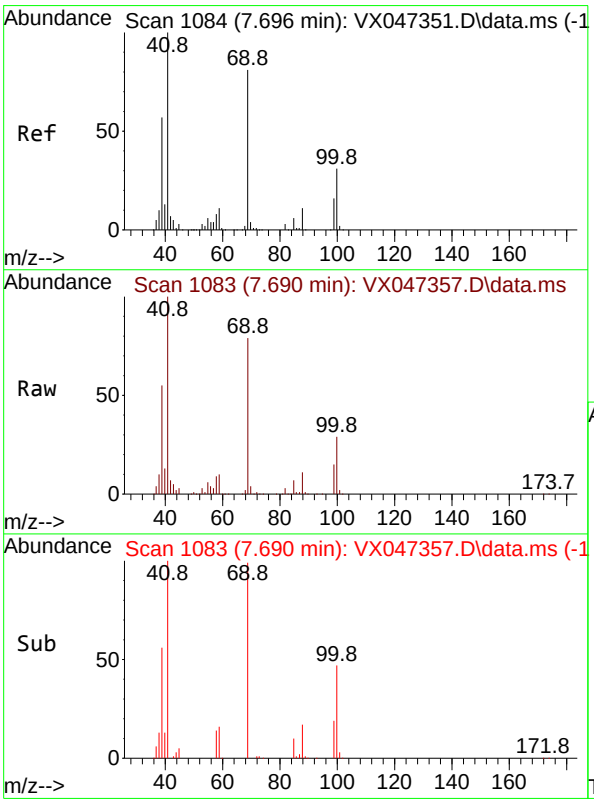
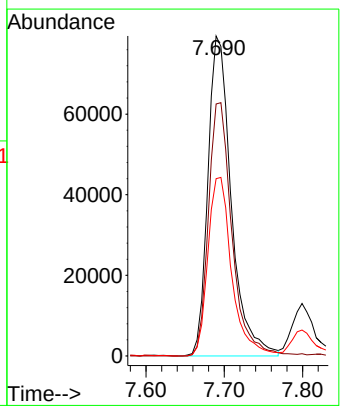
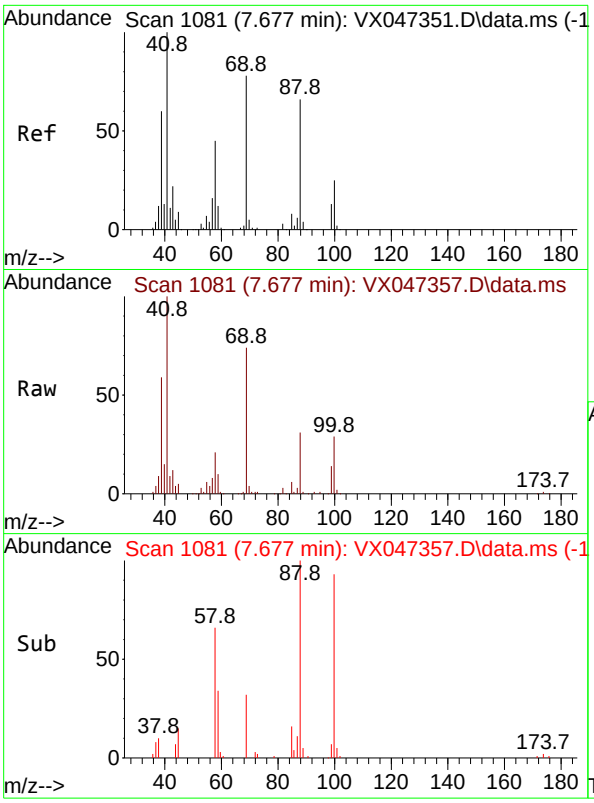


#48
Methyl methacrylate
Concen: 48.604 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 41 Resp: 164810

Ion	Ratio	Lower	Upper
41	100		
69	79.8	65.0	97.4
39	57.0	45.7	68.5

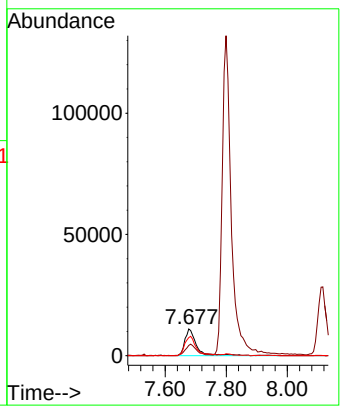




#49
1,4-Dioxane
Concen: 890.740 ug/l m
RT: 7.677 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 88 Resp: 2936

Ion	Ratio	Lower	Upper
88	100		
43	42.6	32.4	48.6
58	70.1	56.9	85.3



Instrument :
MSVOA_X
ClientSampleId :
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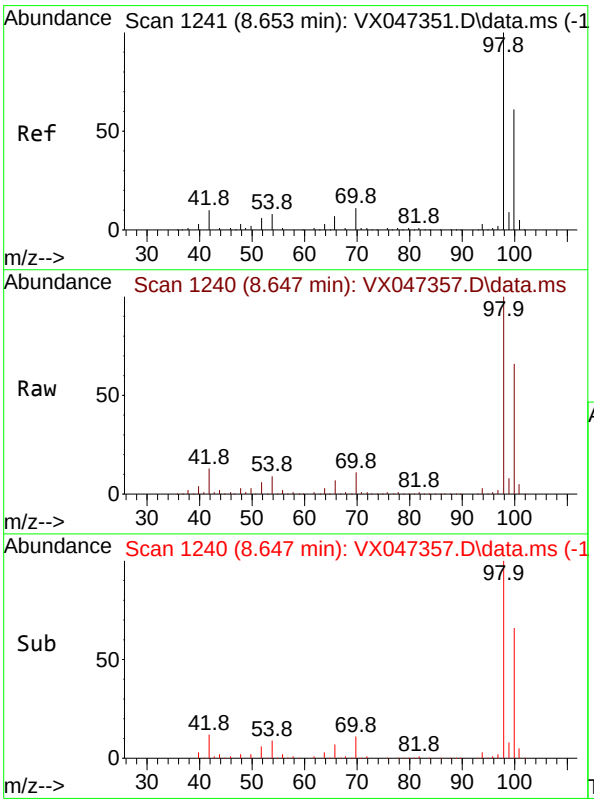
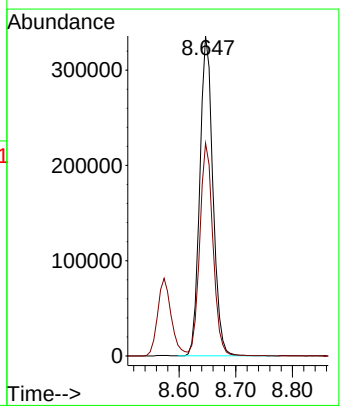
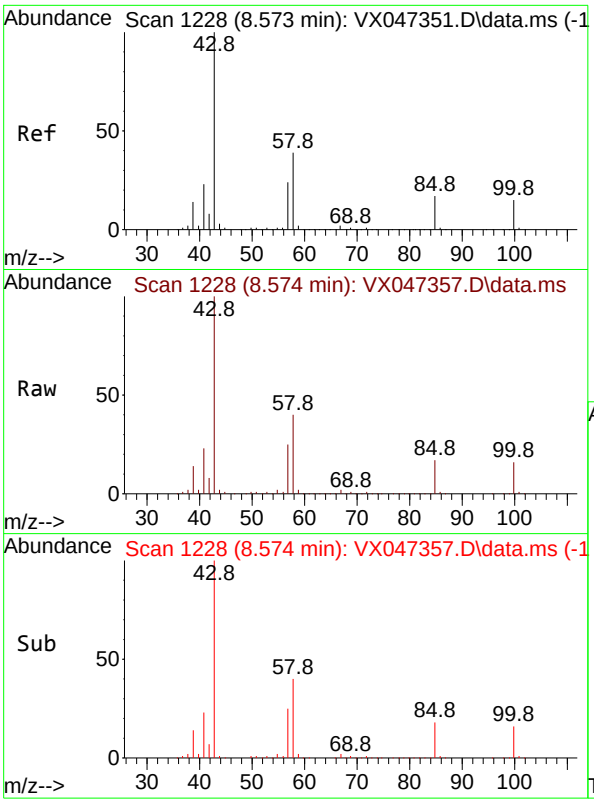


#50
Toluene-d8
Concen: 54.448 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 98 Resp: 540007

Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.9	80.9





#51
4-Methyl-2-Pentanone
Concen: 243.797 ug/l
RT: 8.574 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 43 Resp: 91649

Ion	Ratio	Lower	Upper
43	100		
58	38.3	31.2	46.8

Instrument :
MSVOA_X
ClientSampleId :
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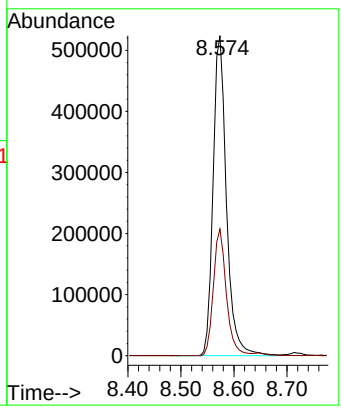
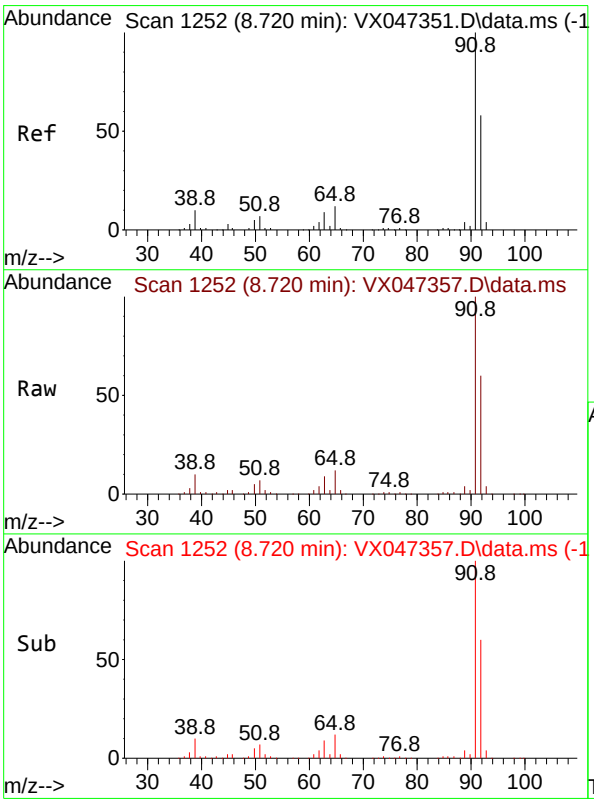
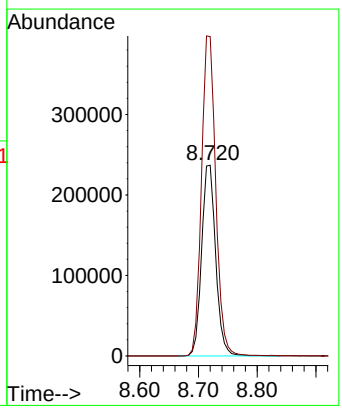


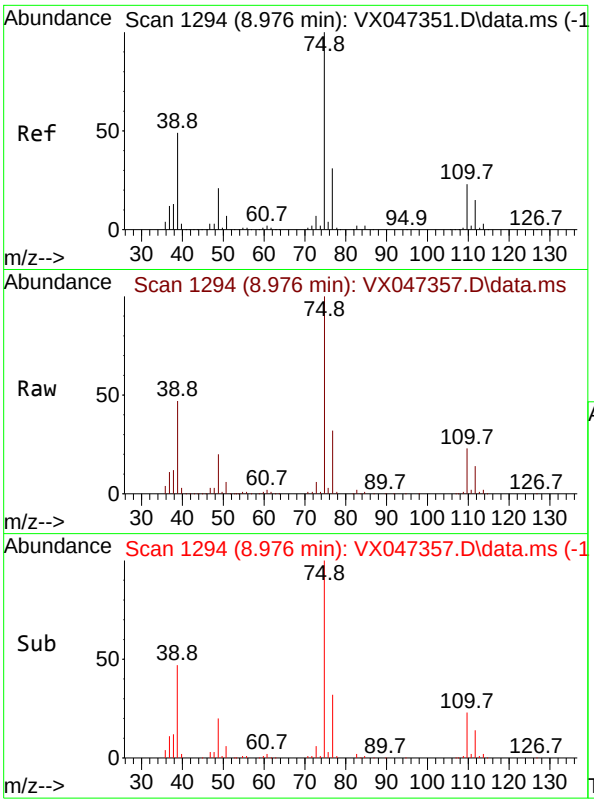


#52
Toluene
Concen: 48.706 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 92 Resp: 394588

Ion	Ratio	Lower	Upper
92	100		
91	170.1	136.3	204.5

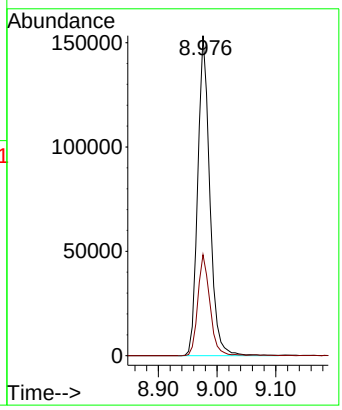




#53
t-1,3-Dichloropropene
Concen: 50.716 ug/l
RT: 8.976 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 75 Resp: 21880

Ion	Ratio	Lower	Upper
75	100		
77	31.5	24.7	37.1



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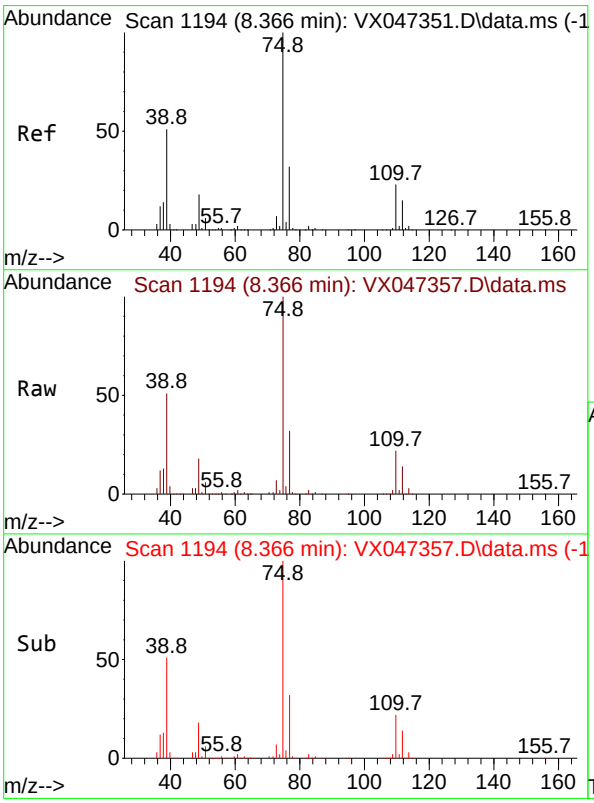
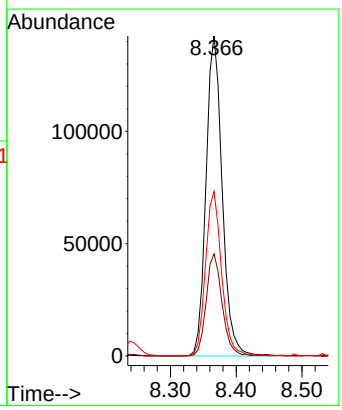
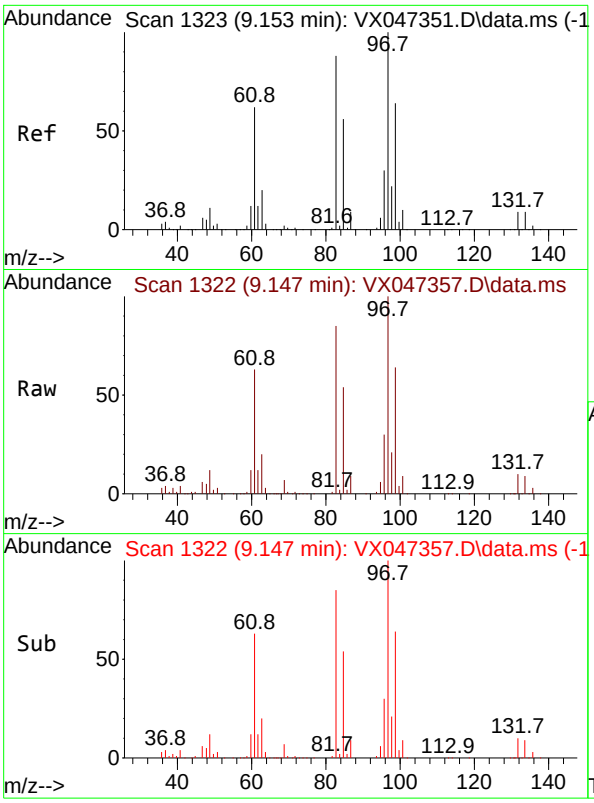


#54
cis-1,3-Dichloropropene
Concen: 49.956 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 75 Resp: 243957

Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.6	38.4
39	51.3	40.9	61.3

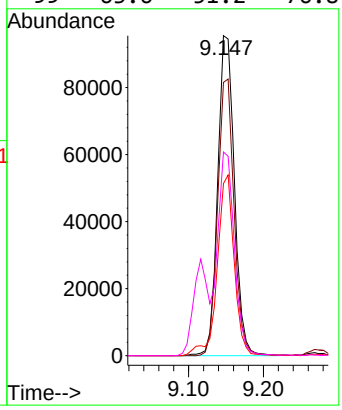




#55
1,1,2-Trichloroethane
Concen: 48.385 ug/l
RT: 9.147 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 97 Resp: 14883

Ion	Ratio	Lower	Upper
97	100		
83	85.4	70.6	106.0
85	53.8	44.7	67.1
99	63.6	51.2	76.8



Instrument :
MSVOA_X
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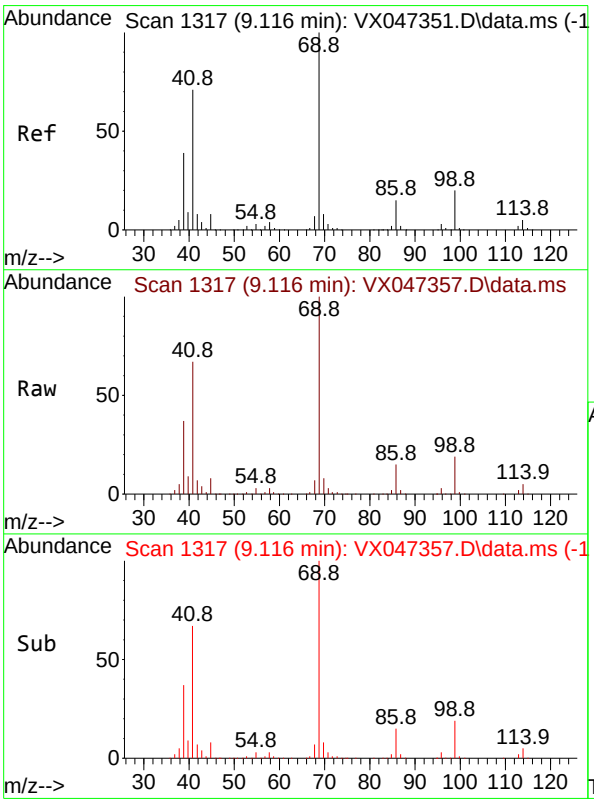
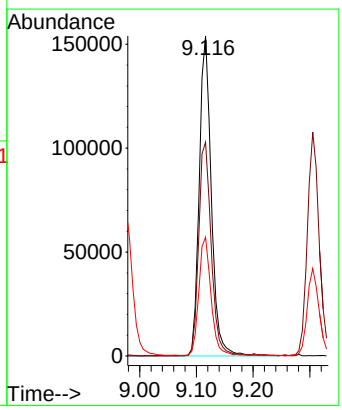
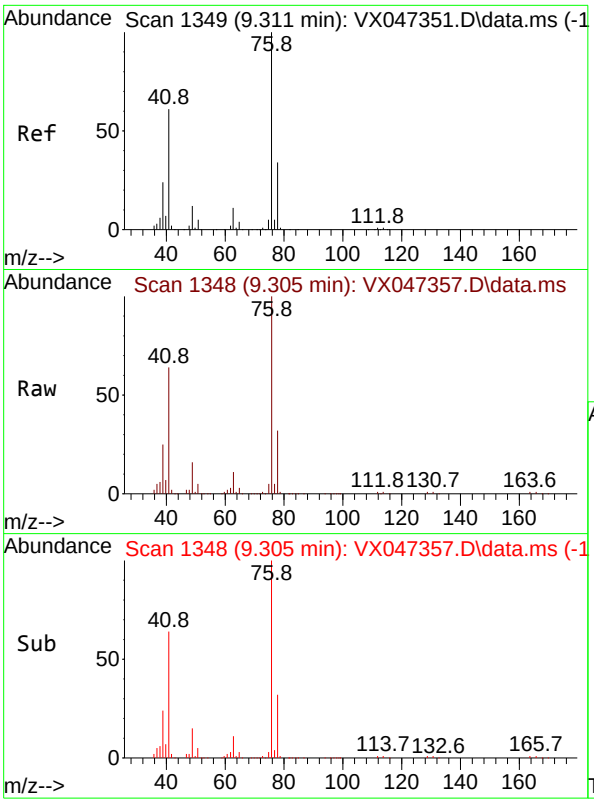


#56
Ethyl methacrylate
Concen: 50.140 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 69 Resp: 227388

Ion	Ratio	Lower	Upper
69	100		
41	69.1	55.3	82.9
39	37.2	30.2	45.2

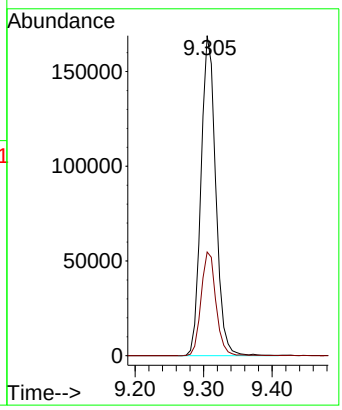




#57
1,3-Dichloropropane
Concen: 48.290 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 76 Resp: 25310

Ion	Ratio	Lower	Upper
76	100		
78	32.7	26.2	39.2



Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

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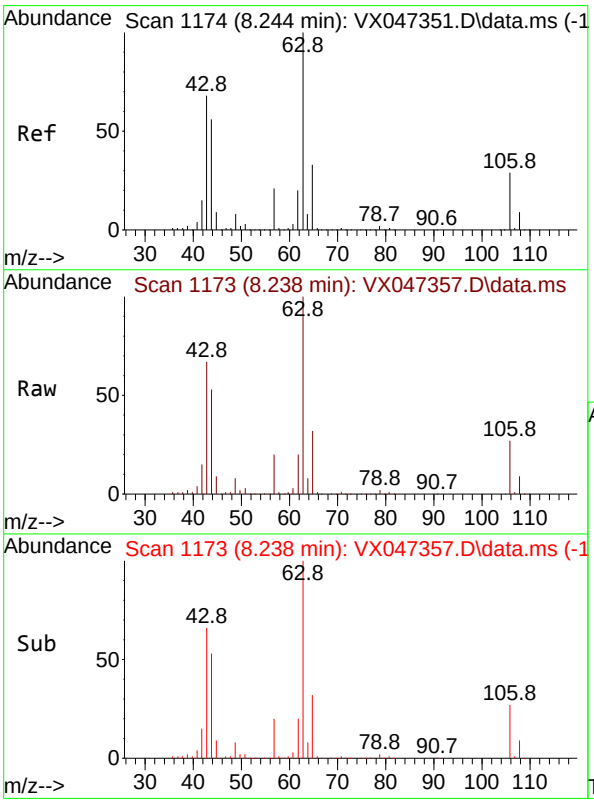
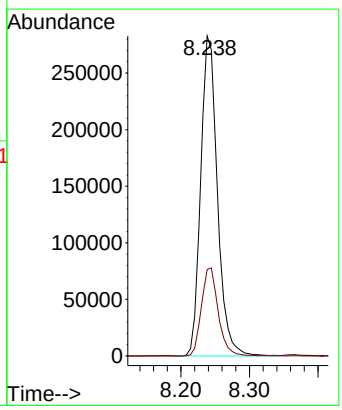
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

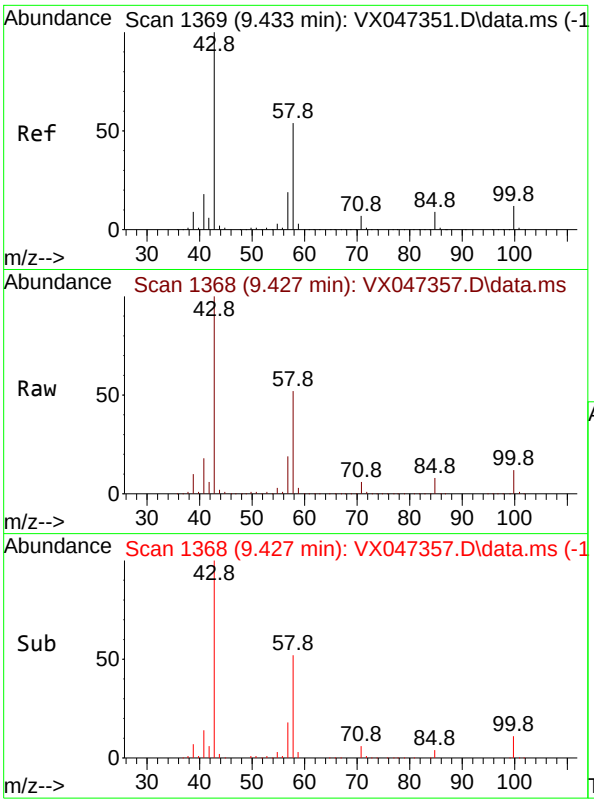


#58
2-Chloroethyl Vinyl ether
Concen: 222.770 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 63 Resp: 480379

Ion	Ratio	Lower	Upper
63	100		
106	27.7	22.8	34.2





#59
2-Hexanone
Concen: 242.481 ug/l
RT: 9.427 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 43 Resp: 63054

Ion	Ratio	Lower	Upper
43	100		
58	53.2	26.9	80.7

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

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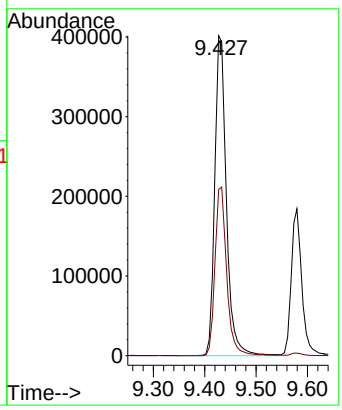
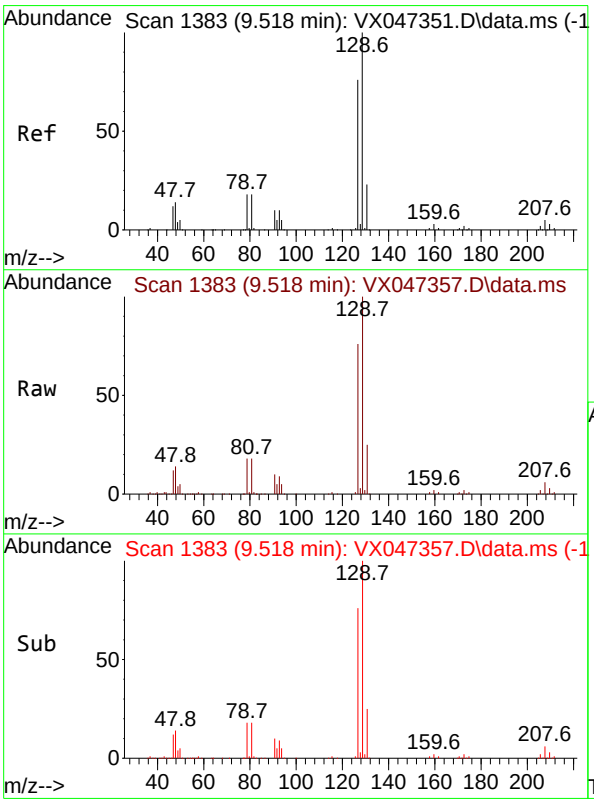
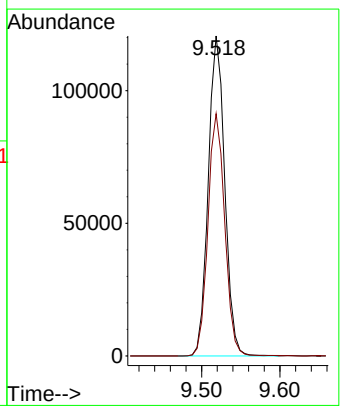


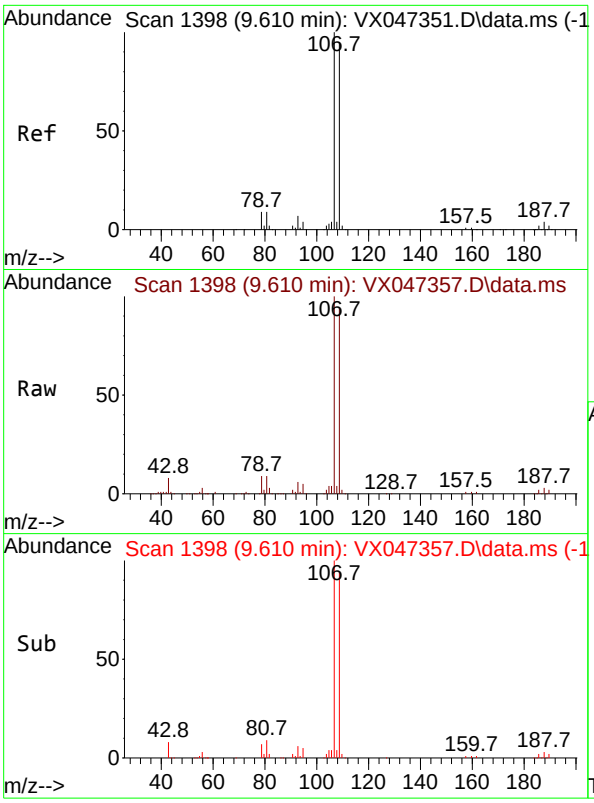


#60
Dibromochloromethane
Concen: 48.122 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion:129 Resp: 175911

Ion	Ratio	Lower	Upper
129	100		
127	77.0	38.9	116.6

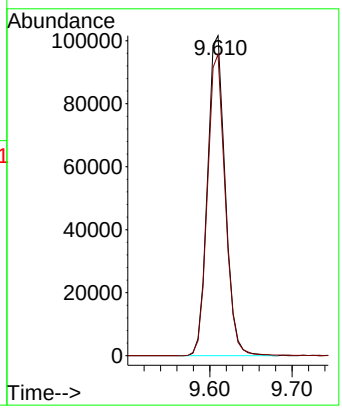




#61
1,2-Dibromoethane
Concen: 47.971 ug/l
RT: 9.610 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion:107 Resp: 15216

Ion	Ratio	Lower	Upper
107	100		
109	94.5	76.2	114.2



Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

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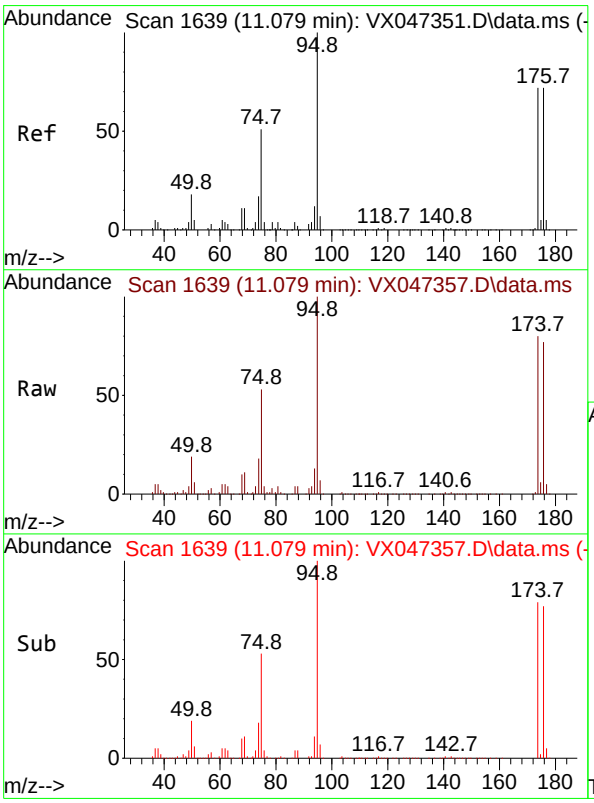
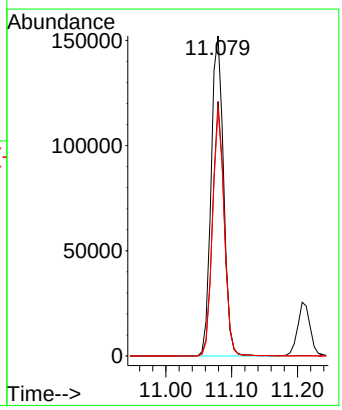
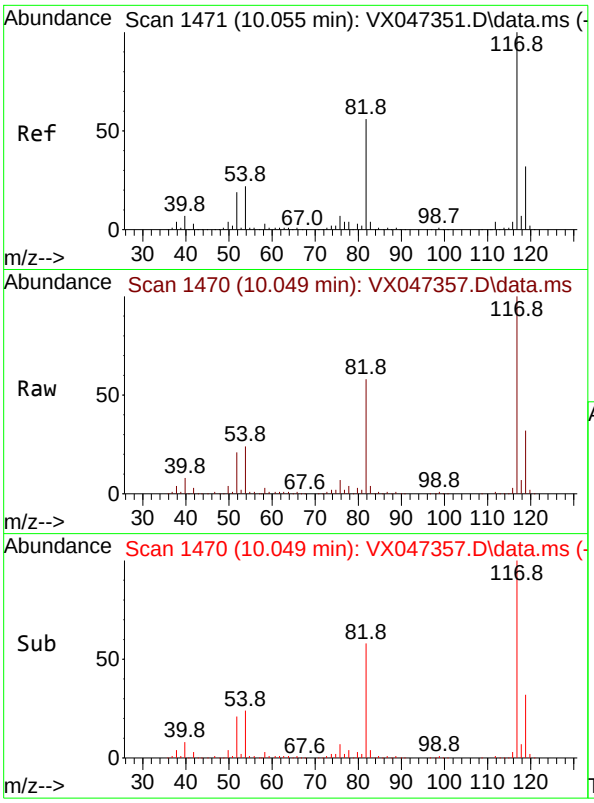


#62
4-Bromofluorobenzene
Concen: 54.723 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 95 Resp: 200280

Ion	Ratio	Lower	Upper
95	100		
174	74.5	0.0	148.0
176	72.2	0.0	145.4

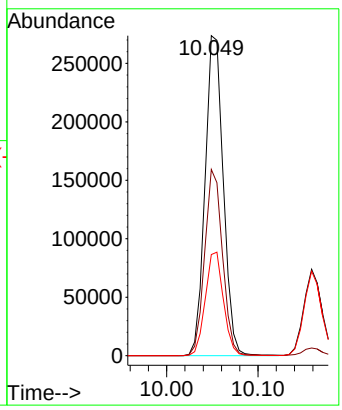




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion:117 Resp: 37900

Ion	Ratio	Lower	Upper
117	100		
82	58.2	45.0	67.4
119	31.6	25.8	38.8



Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

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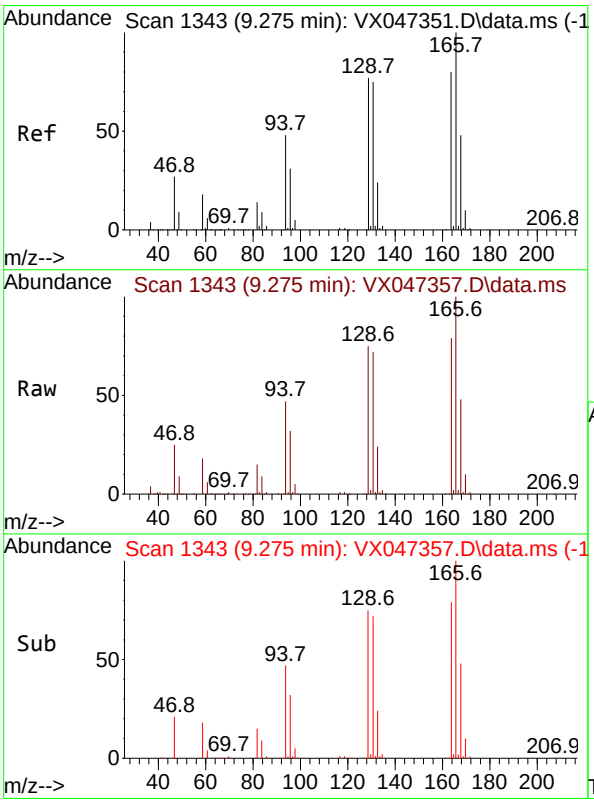
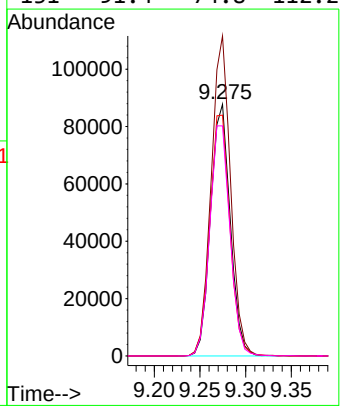
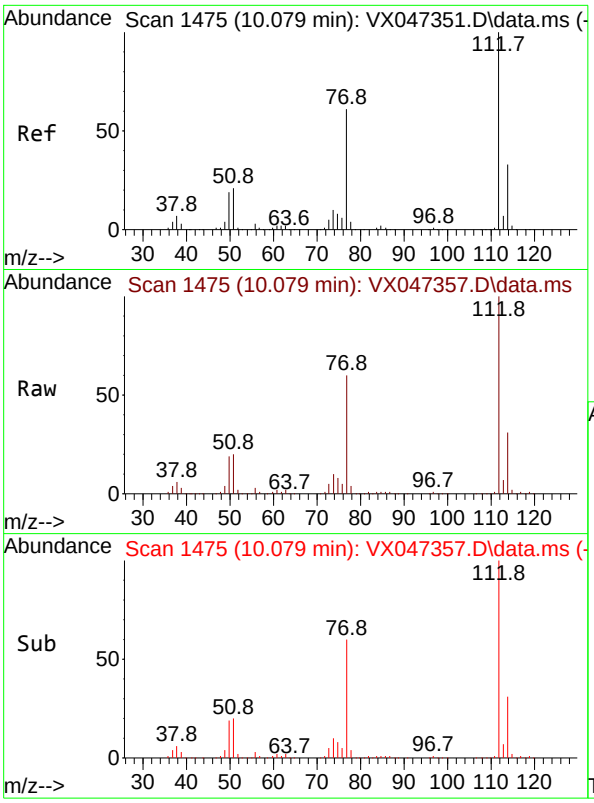


#64
Tetrachloroethene
Concen: 47.871 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion:164 Resp: 131233

Ion	Ratio	Lower	Upper
164	100		
166	127.1	100.3	150.5
129	95.7	77.7	116.5
131	91.4	74.8	112.2

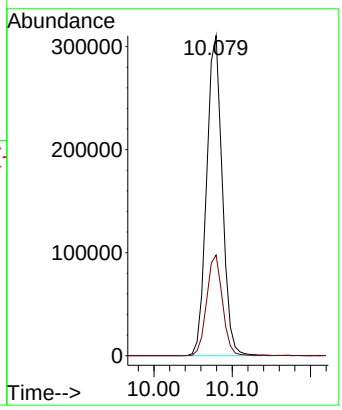




#65
Chlorobenzene
Concen: 47.724 ug/l
RT: 10.079 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion:112 Resp: 42983

Ion	Ratio	Lower	Upper
112	100		
114	31.4	26.4	39.6



Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

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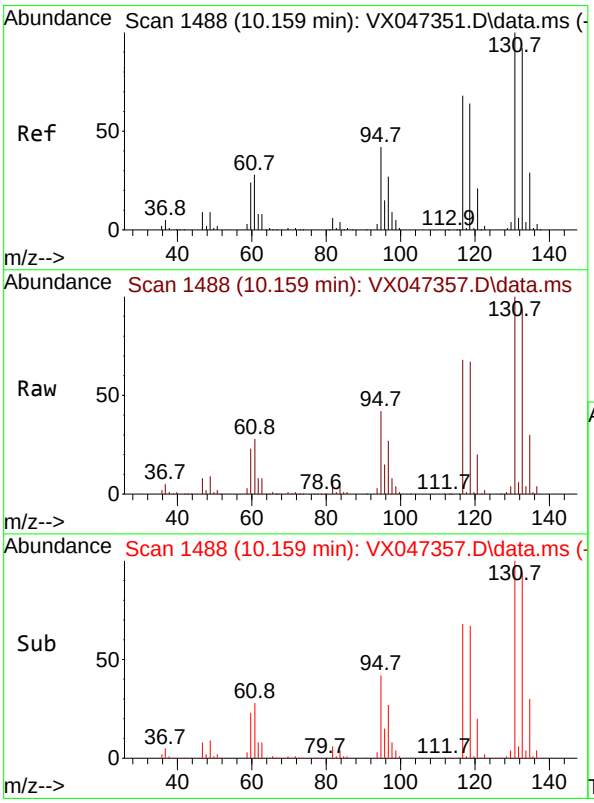
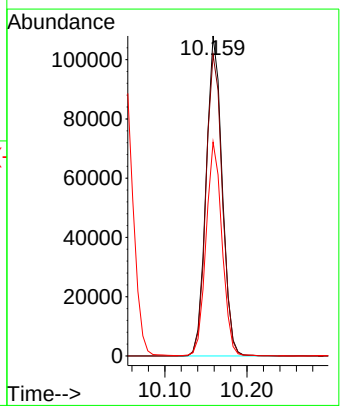
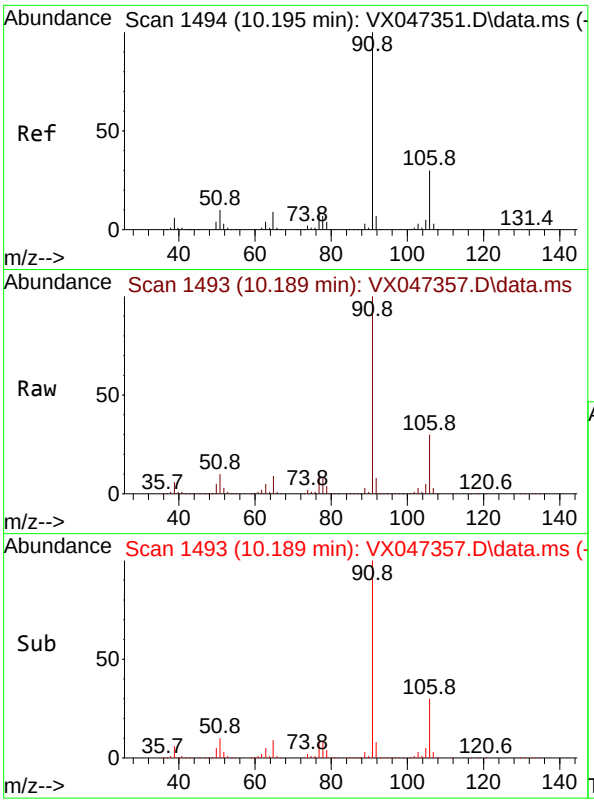


#66
1,1,1,2-Tetrachloroethane
Concen: 48.099 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion:131 Resp: 146443

Ion	Ratio	Lower	Upper
131	100		
133	95.9	47.6	142.9
119	66.6	32.3	96.8





#67
Ethyl Benzene
Concen: 48.829 ug/l
RT: 10.189 min Scan# 14
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 91 Resp: 75693

Ion	Ratio	Lower	Upper
91	100		
106	30.1	24.4	36.6

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Manual Integrations
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Reviewed By :John Carlone 08/18/2025
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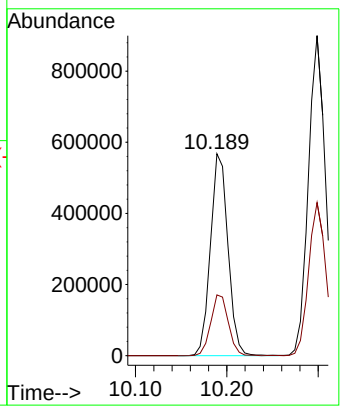
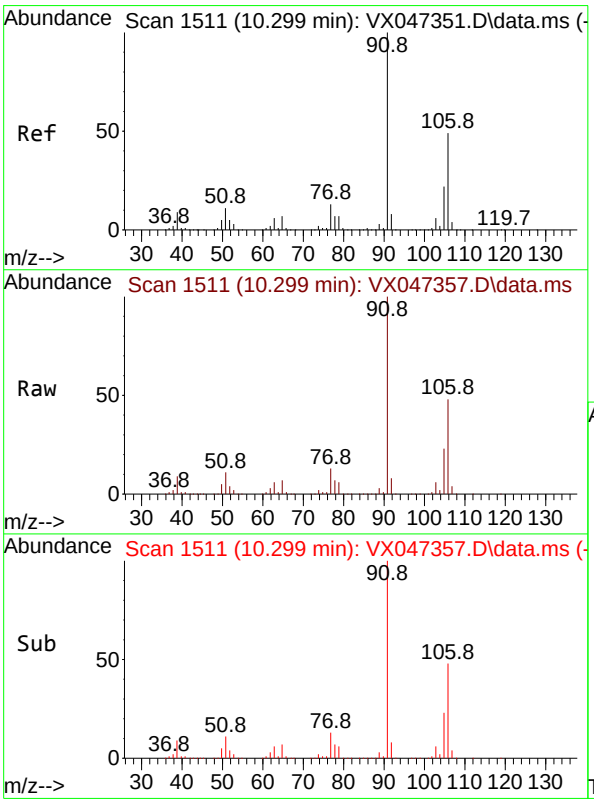
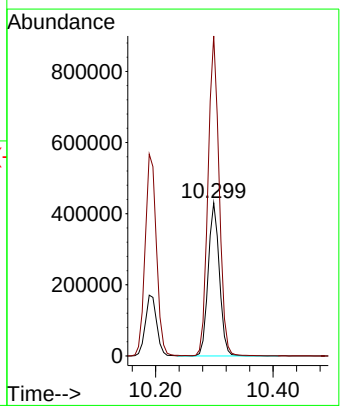


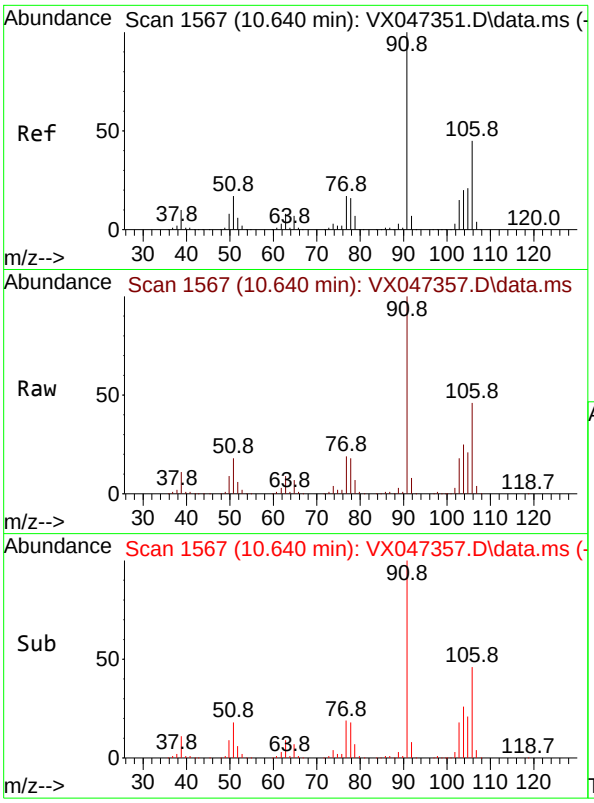


#68
m/p-Xylenes
Concen: 98.705 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion:106 Resp: 570536

Ion	Ratio	Lower	Upper
106	100		
91	207.5	164.7	247.1

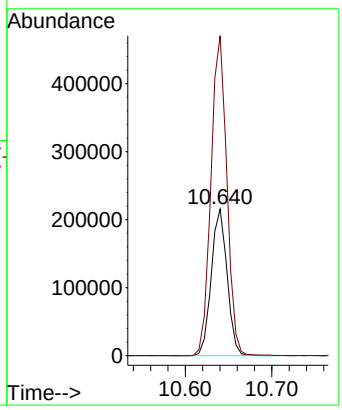




#69
o-Xylene
Concen: 49.223 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion:106 Resp: 27380

Ion	Ratio	Lower	Upper
106	100		
91	219.2	110.6	331.8



Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Manual Integrations
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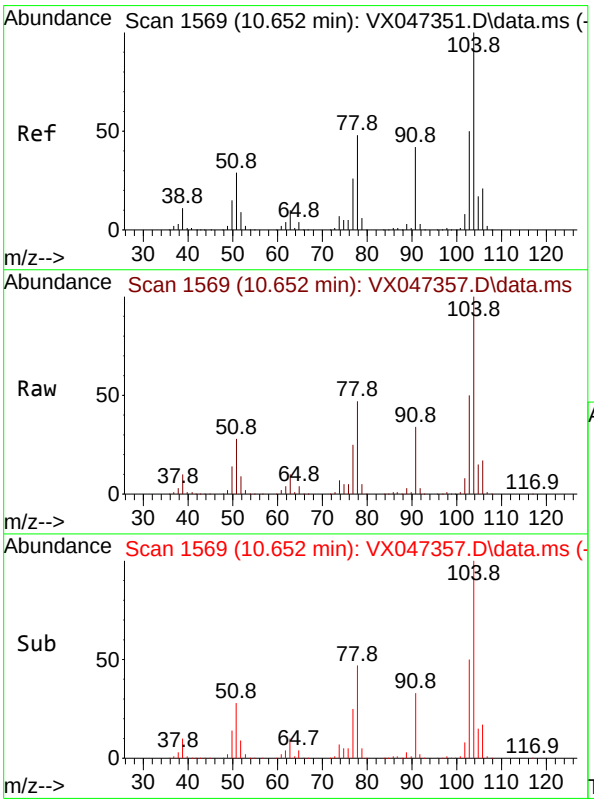
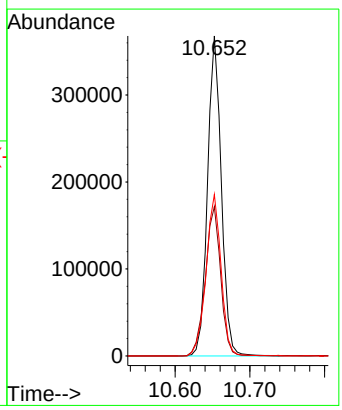
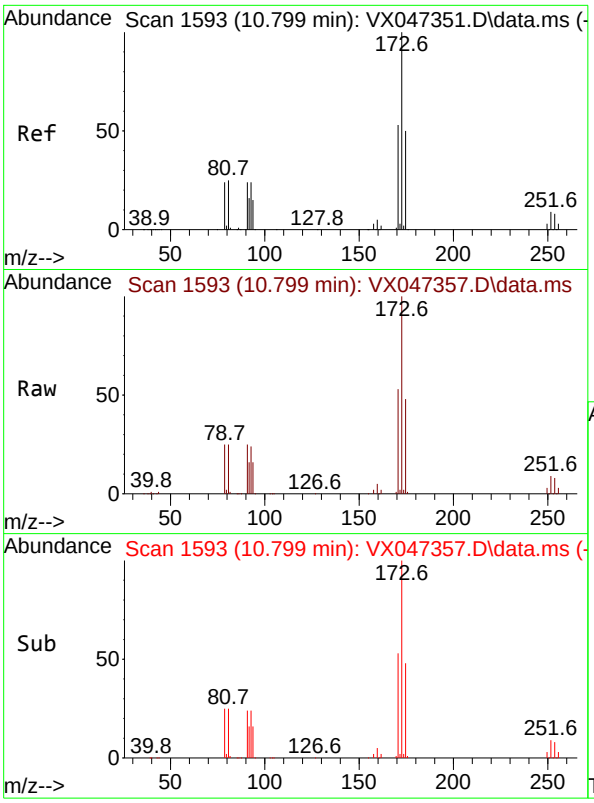


#70
Styrene
Concen: 50.176 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion:104 Resp: 471591

Ion	Ratio	Lower	Upper
104	100		
78	52.1	41.8	62.8
103	55.0	43.6	65.4

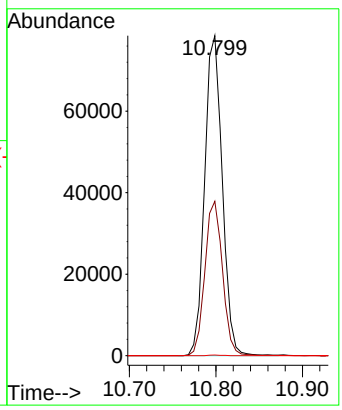




#71
Bromoform
Concen: 48.446 ug/l
RT: 10.799 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion:173 Resp: 11081

Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.4	73.4
254	0.2	0.1	0.1



Instrument :
MSVOA_X
ClientSampleId :
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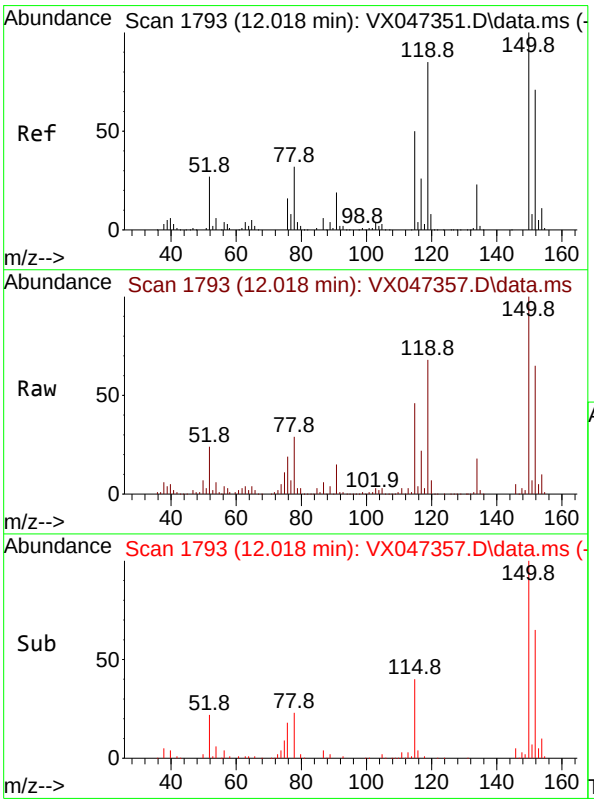
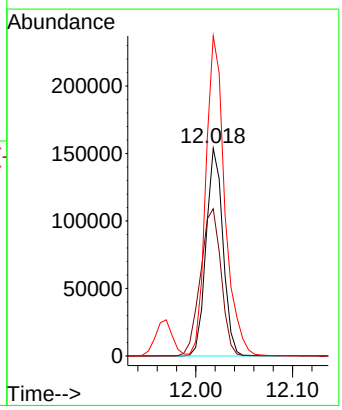
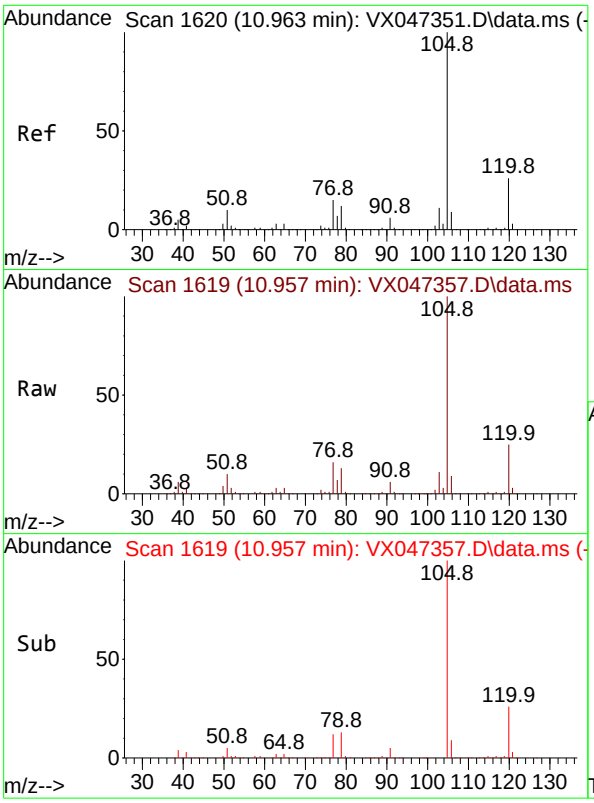


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion:152 Resp: 185789

Ion	Ratio	Lower	Upper
152	100		
115	87.4	44.6	133.8
150	172.7	0.0	349.8





#73
Isopropylbenzene
Concen: 49.432 ug/l
RT: 10.957 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion:105 Resp: 71869

Ion	Ratio	Lower	Upper
105	100		
120	25.5	12.9	38.6

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Manual Integrations
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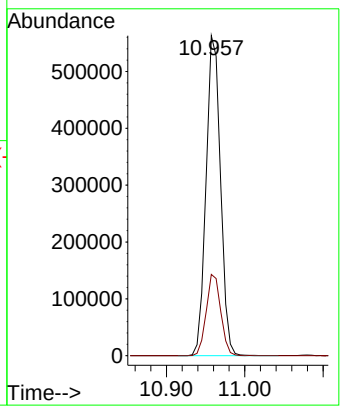
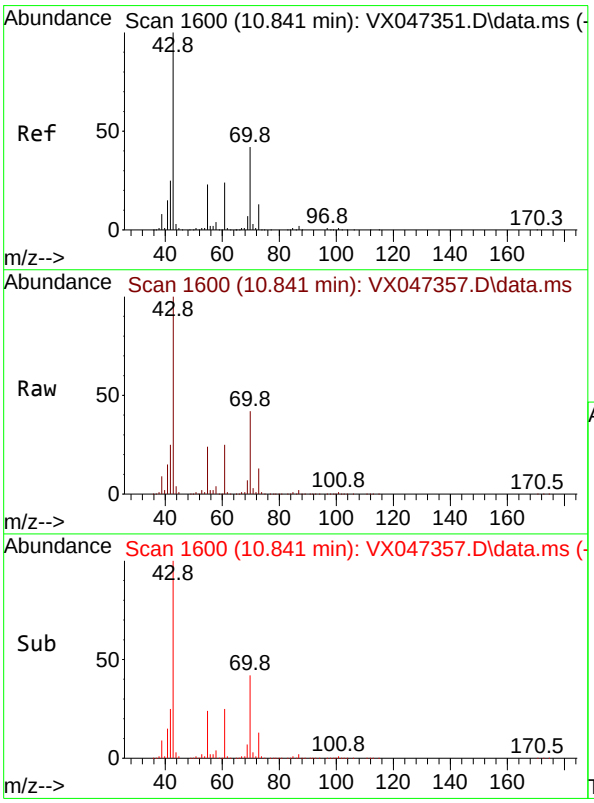
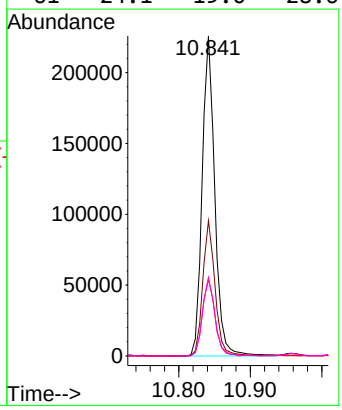


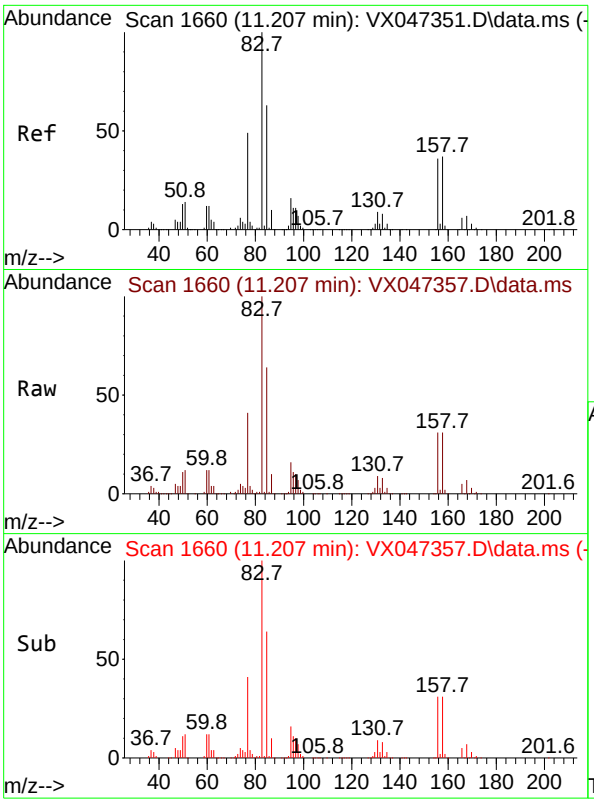


#74
N-amyl acetate
Concen: 50.217 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 43 Resp: 277245

Ion	Ratio	Lower	Upper
43	100		
70	41.4	33.1	49.7
55	24.1	19.0	28.6
61	24.1	19.0	28.6

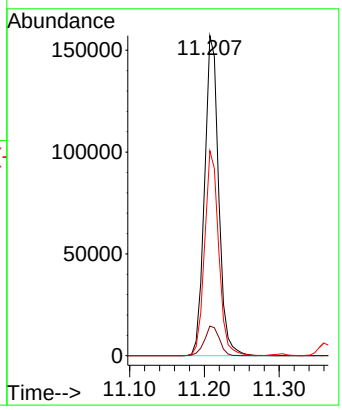




#75
1,1,2,2-Tetrachloroethane
Concen: 48.087 ug/l
RT: 11.207 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 83 Resp: 20526

Ion	Ratio	Lower	Upper
83	100		
131	9.8	5.0	15.0
85	63.9	31.7	95.1



Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Manual Integrations
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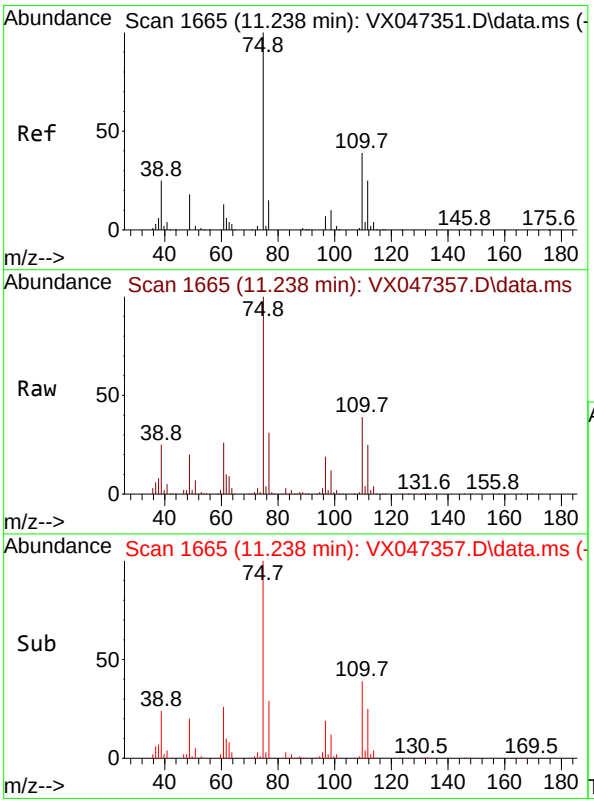
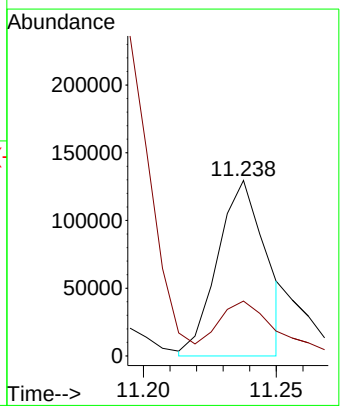
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

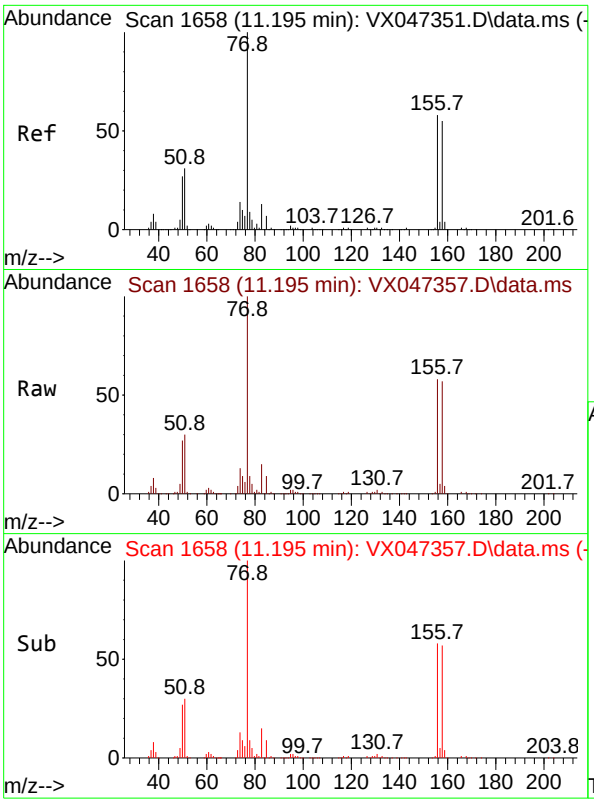


#76
1,2,3-Trichloropropane
Concen: 47.911 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 75 Resp: 163259

Ion	Ratio	Lower	Upper
75	100		
77	38.5	19.4	58.2





#77
Bromobenzene
Concen: 48.465 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion:156 Resp: 17206

Ion	Ratio	Lower	Upper
156	100		
77	172.7	86.3	258.9
158	97.7	48.0	144.2

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Manual Integrations
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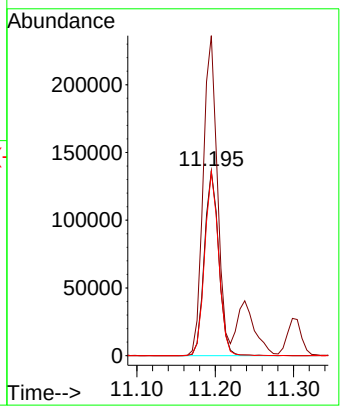
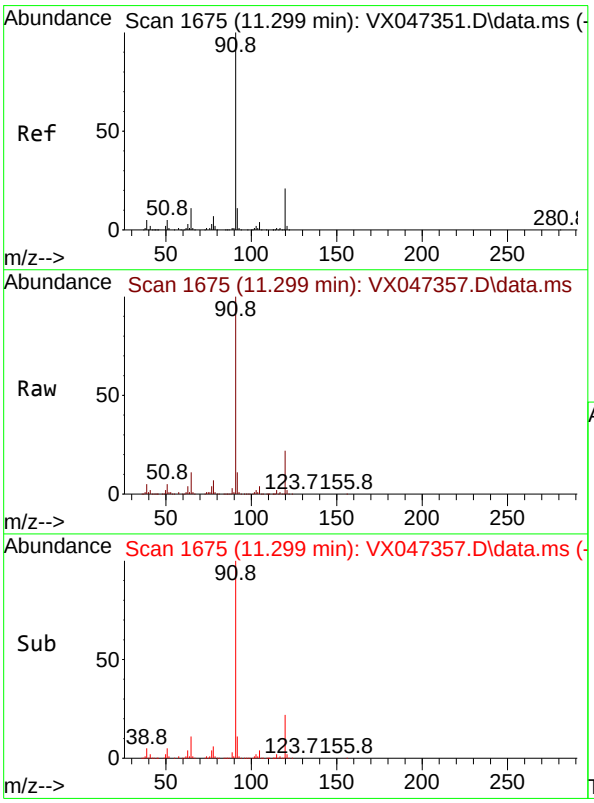
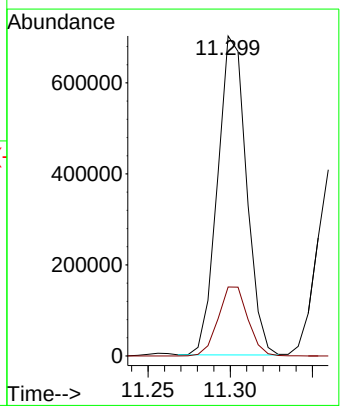


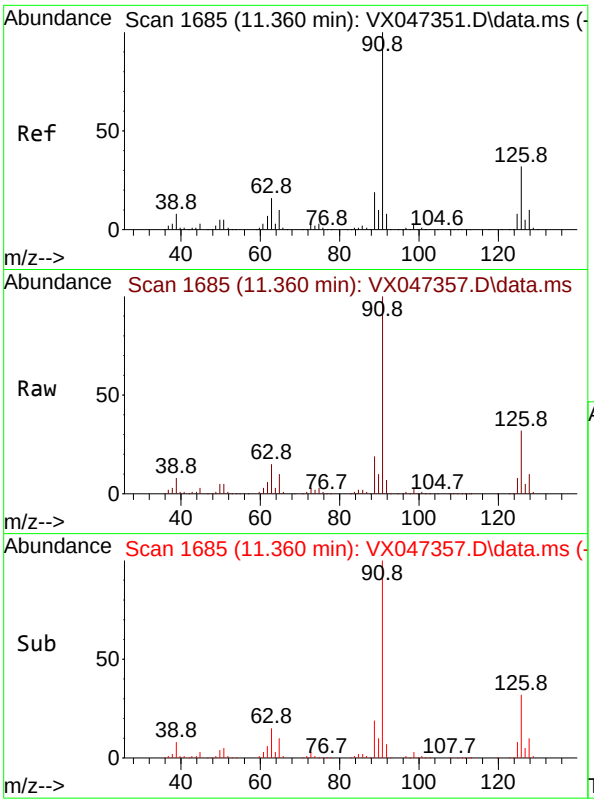


#78
n-propylbenzene
Concen: 49.351 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 91 Resp: 856923

Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.0	33.0

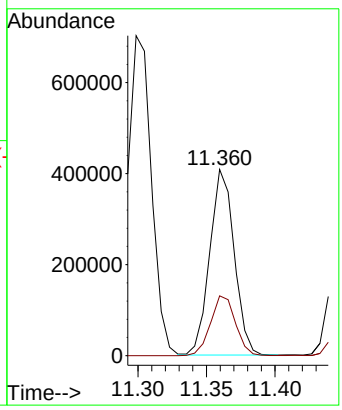




#79
2-Chlorotoluene
Concen: 48.241 ug/l
RT: 11.360 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 91 Resp: 50636

Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.7	50.1



Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

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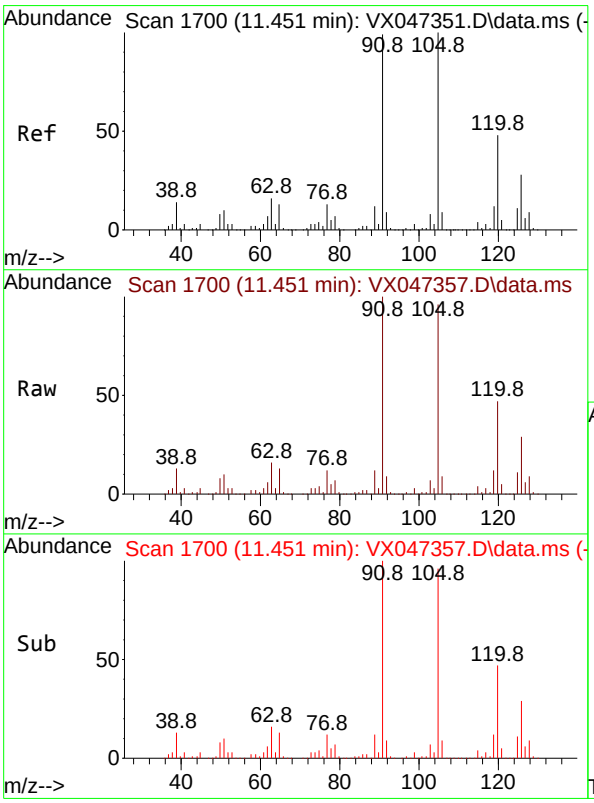
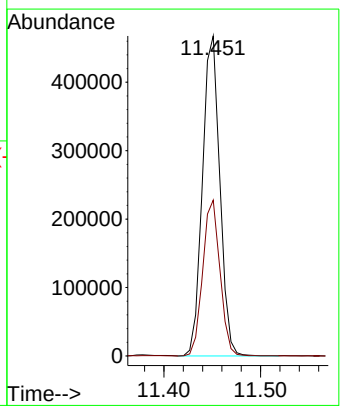
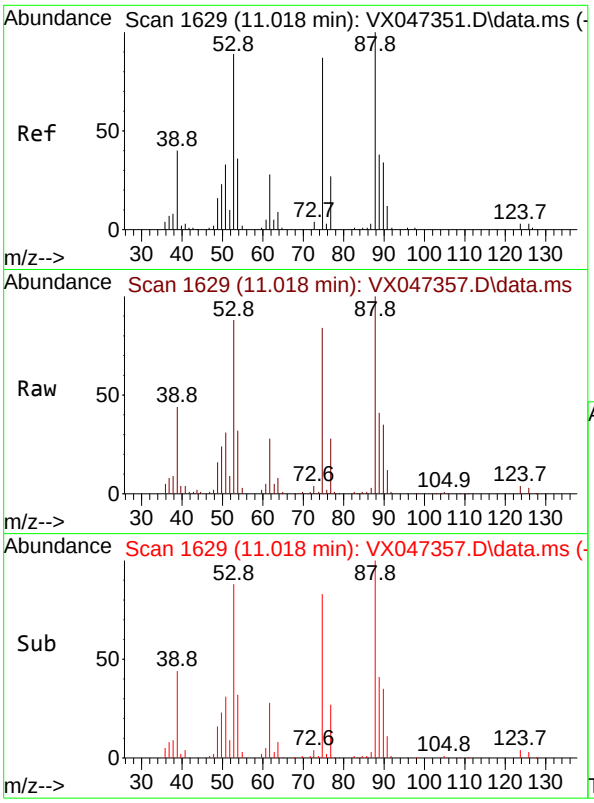


#80
1,3,5-Trimethylbenzene
Concen: 49.013 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion:105 Resp: 586315

Ion	Ratio	Lower	Upper
105	100		
120	48.3	23.9	71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 42.686 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 75 Resp: 3239

Ion	Ratio	Lower	Upper
75	100		
53	106.1	85.2	127.8
89	46.5	36.7	55.1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Manual Integrations
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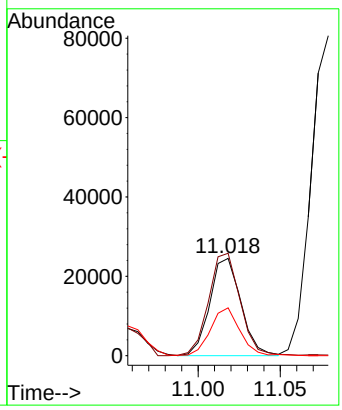
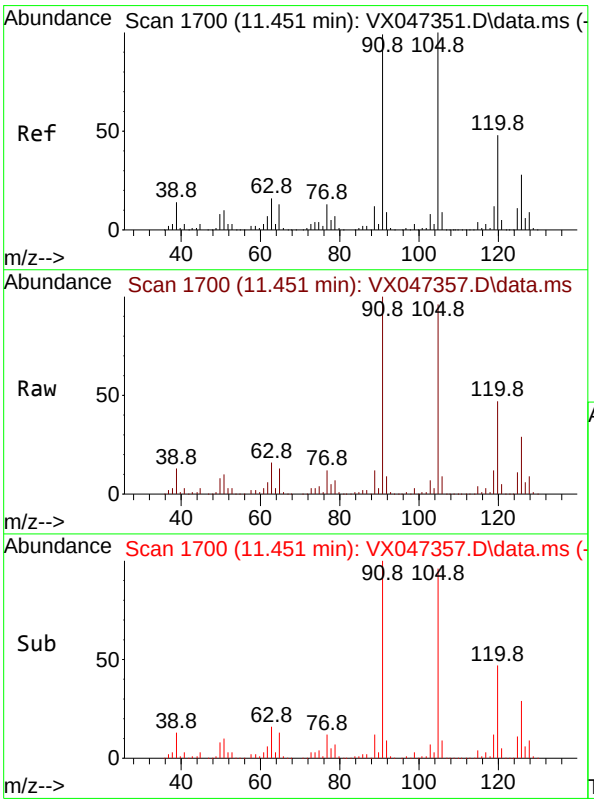
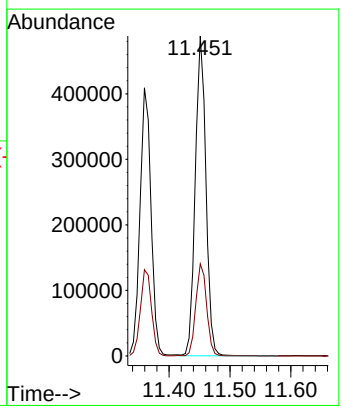


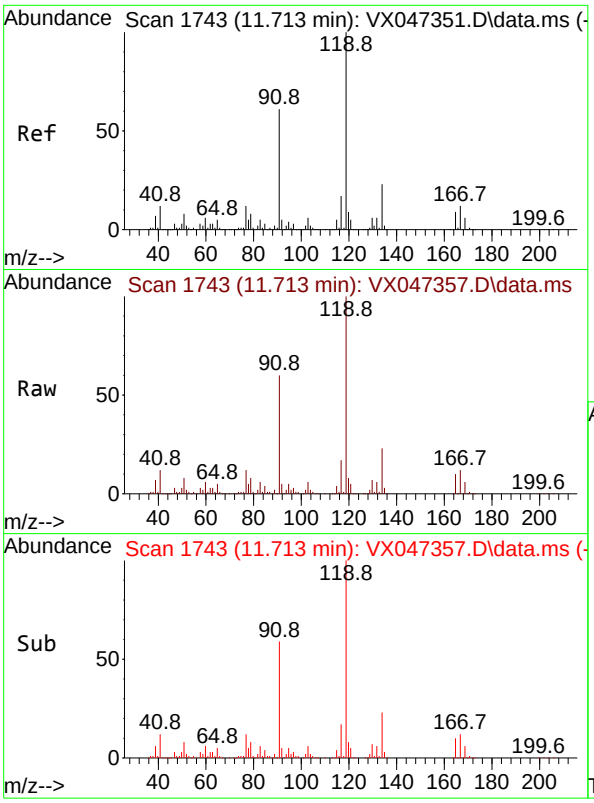


#82
4-Chlorotoluene
Concen: 47.889 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 91 Resp: 592542

Ion	Ratio	Lower	Upper
91	100		
126	29.2	14.4	43.0

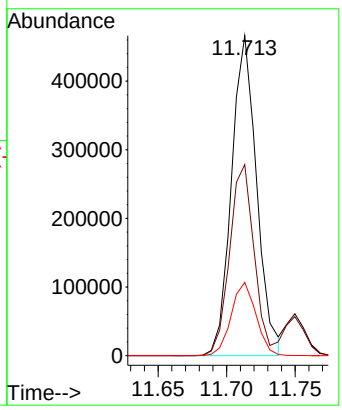




#83
tert-Butylbenzene
Concen: 49.841 ug/l
RT: 11.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion:119 Resp: 59483

Ion	Ratio	Lower	Upper
119	100		
91	57.9	29.1	87.4
134	22.7	11.3	33.9



Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

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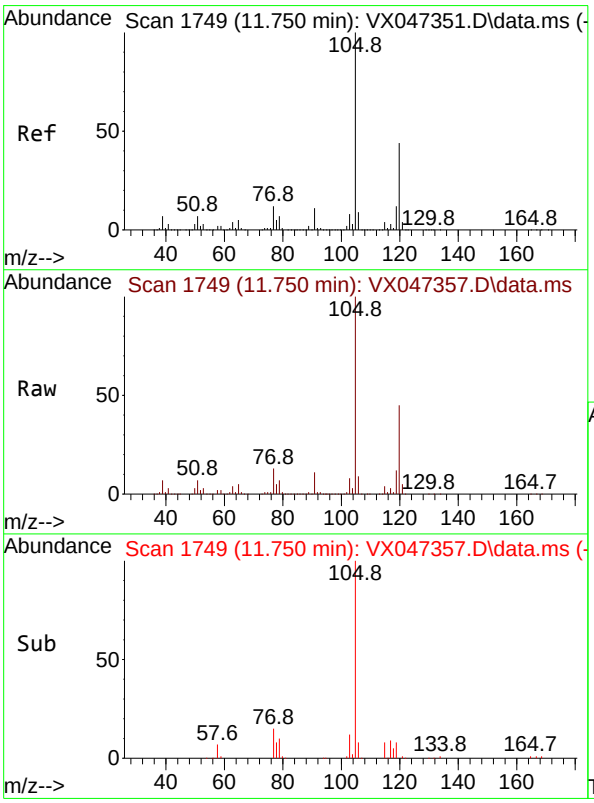
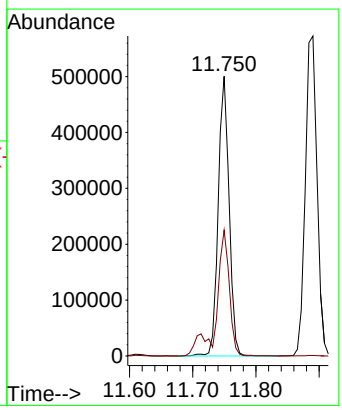
Supervised By :Mahesh Dadoda 08/19/2025

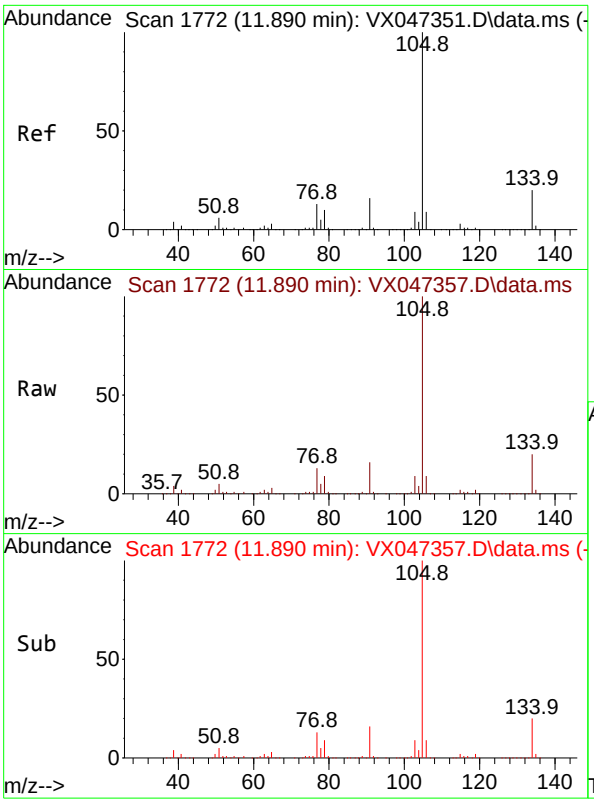


#84
1,2,4-Trimethylbenzene
Concen: 49.796 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion:105 Resp: 595697

Ion	Ratio	Lower	Upper
105	100		
120	43.1	21.9	65.7

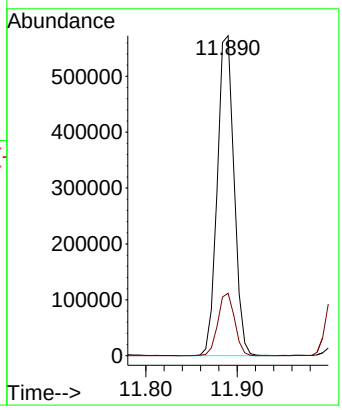




#85
sec-Butylbenzene
Concen: 49.507 ug/l
RT: 11.890 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion:105 Resp: 73232

Ion	Ratio	Lower	Upper
105	100		
134	19.5	9.8	29.5



Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

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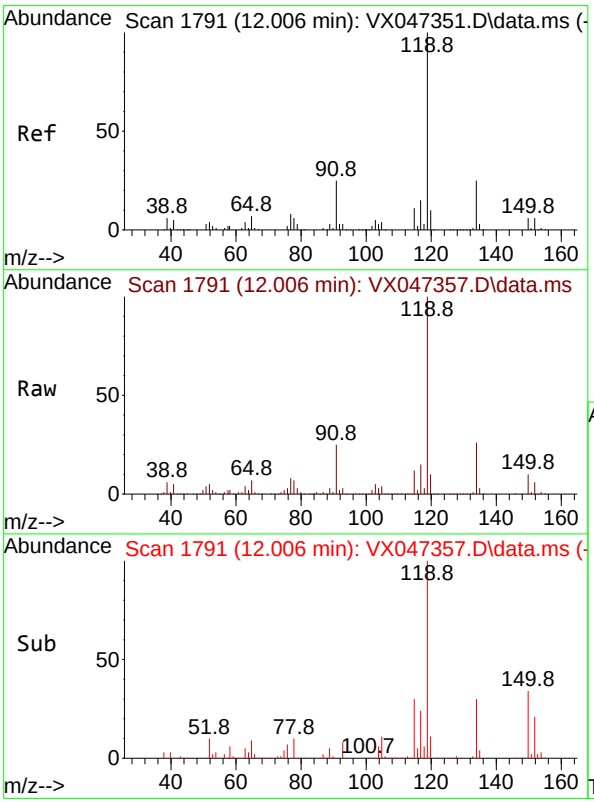
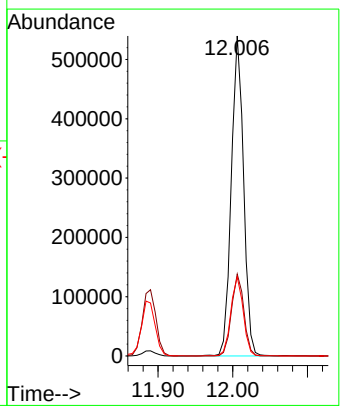
Supervised By :Mahesh Dadoda 08/19/2025

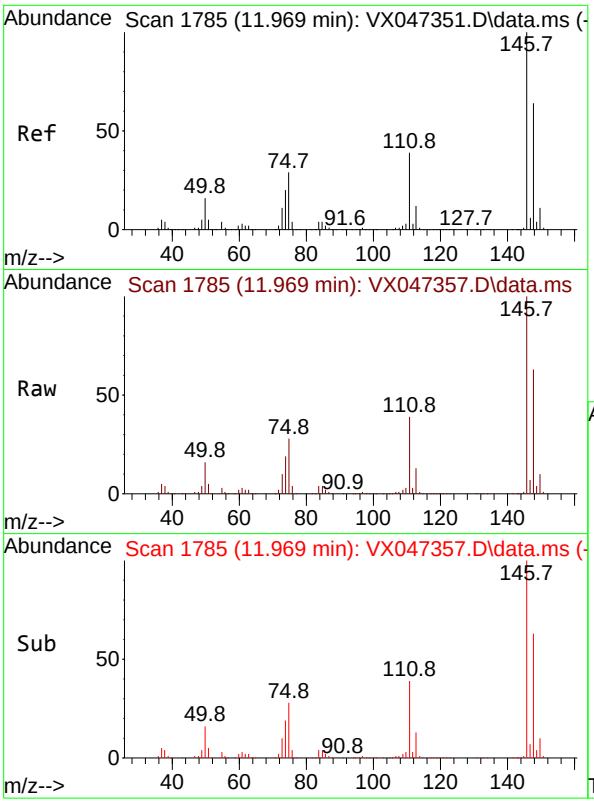


#86
p-Isopropyltoluene
Concen: 49.332 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion:119 Resp: 617508

Ion	Ratio	Lower	Upper
119	100		
134	25.8	12.8	38.4
91	25.0	12.4	37.4

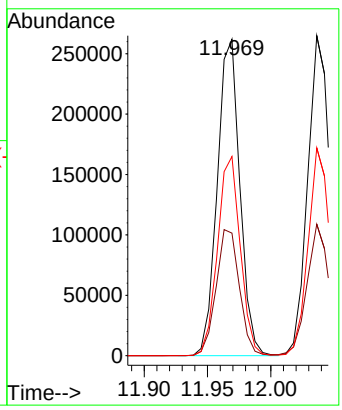




#87
1,3-Dichlorobenzene
Concen: 47.926 ug/l
RT: 11.969 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion:146 Resp: 32505

Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.6	61.8
148	63.4	31.9	95.5



Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

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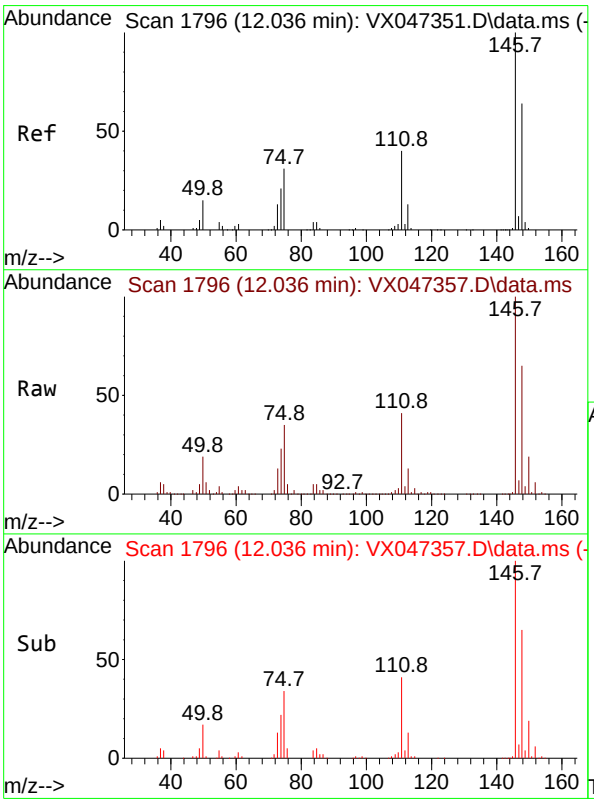
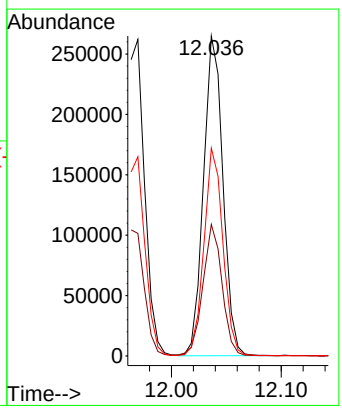
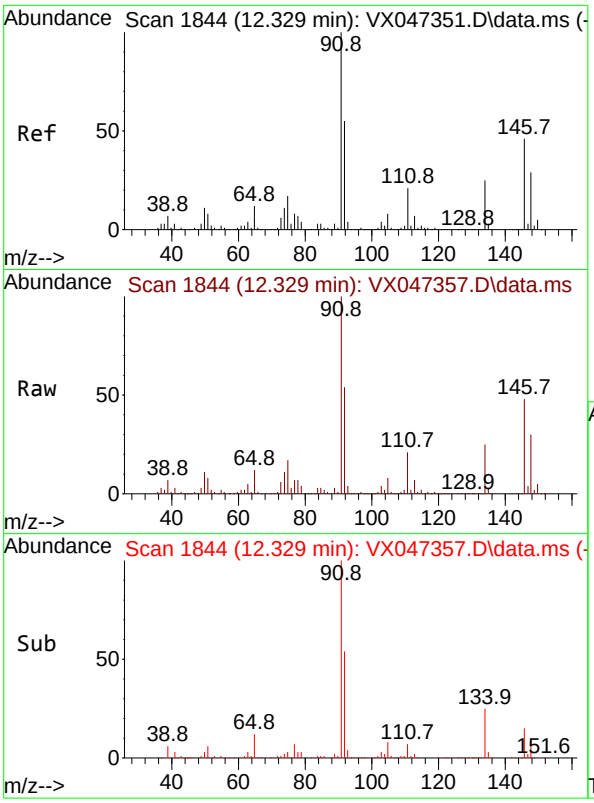


#88
1,4-Dichlorobenzene
Concen: 46.752 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion:146 Resp: 326132

Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.4	61.2
148	63.8	31.7	95.1





#89
n-Butylbenzene
Concen: 49.556 ug/l
RT: 12.329 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Tgt Ion: 91 Resp: 57696

Ion	Ratio	Lower	Upper
91	100		
92	53.7	27.2	81.5
134	24.9	12.6	37.8

Manual Integrations
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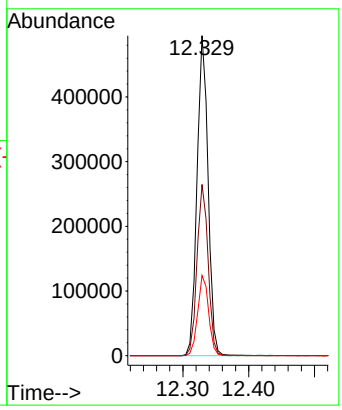
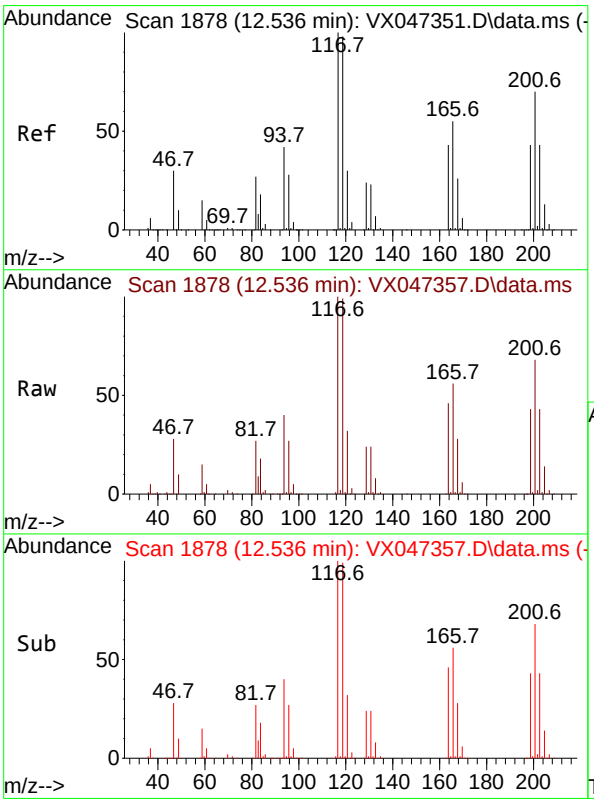
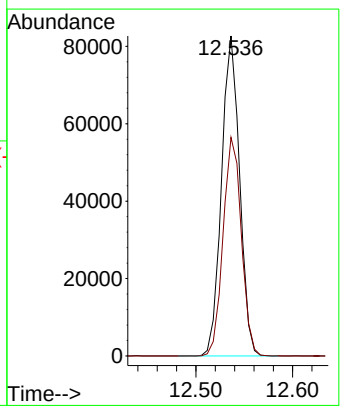


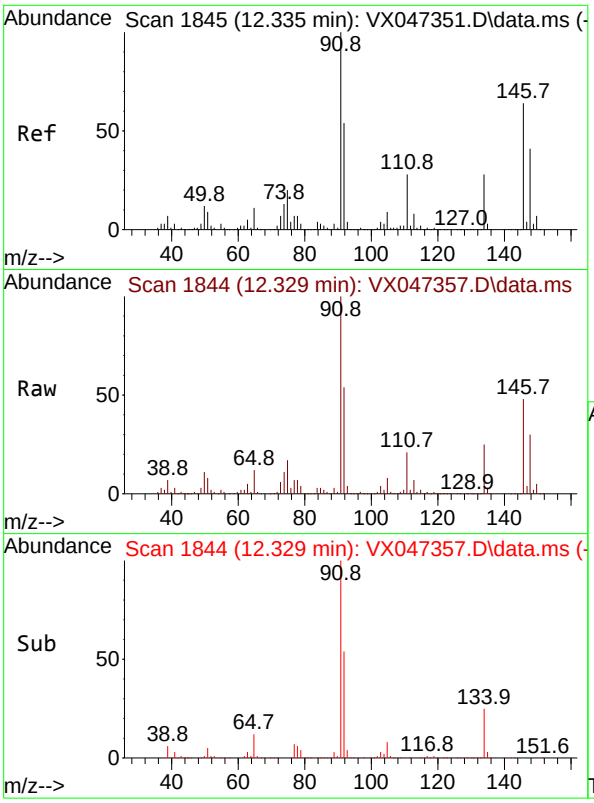


#90
Hexachloroethane
Concen: 48.749 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion:117 Resp: 107051

Ion	Ratio	Lower	Upper
117	100		
201	69.1	35.1	105.3

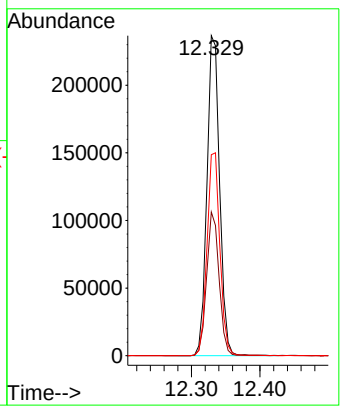




#91
1,2-Dichlorobenzene
Concen: 47.283 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion:146 Resp: 30439

Ion	Ratio	Lower	Upper
146	100		
111	44.2	22.1	66.1
148	64.4	31.9	95.5



Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Manual Integrations
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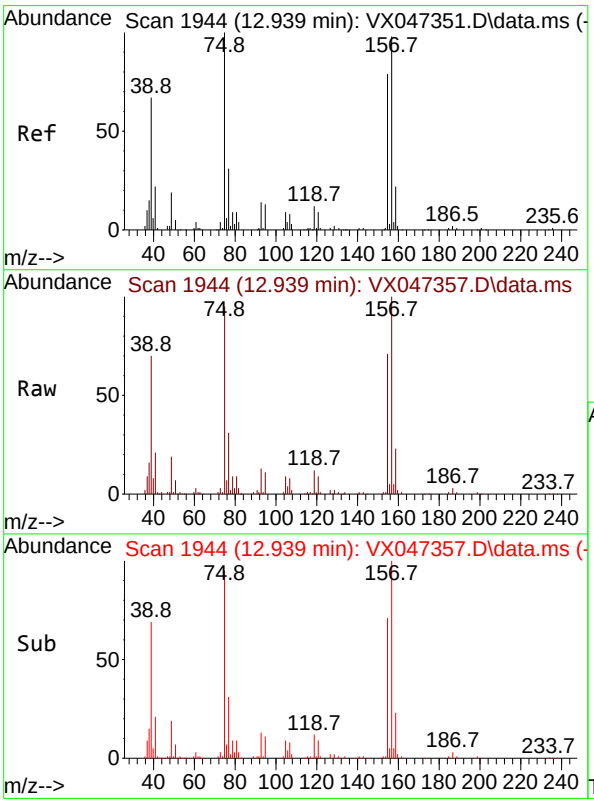
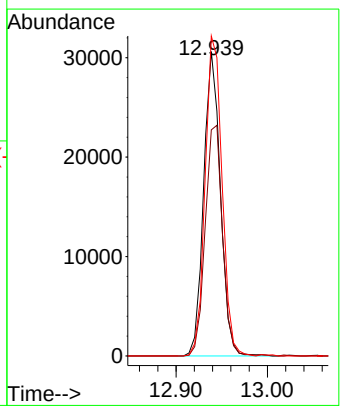
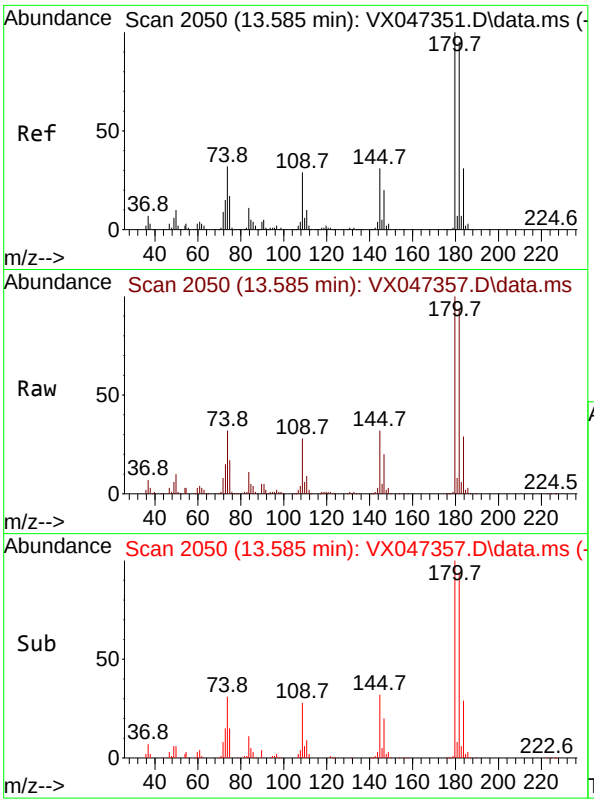


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.135 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 75 Resp: 38911

Ion	Ratio	Lower	Upper
75	100		
155	78.6	41.3	123.7
157	106.0	51.5	154.5





#93
1,2,4-Trichlorobenzene
Concen: 47.926 ug/l
RT: 13.585 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

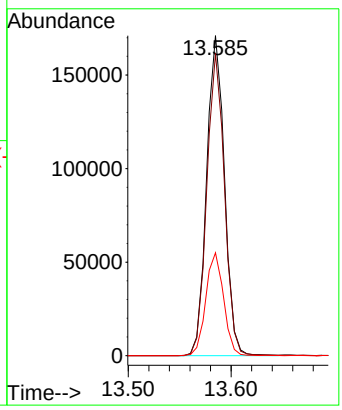
Tgt Ion:180 Resp: 20683

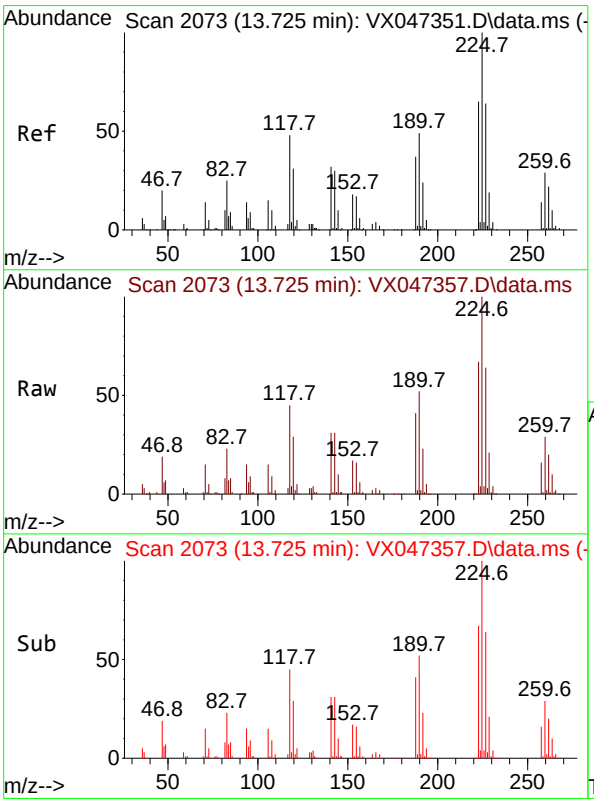
Ion	Ratio	Lower	Upper
180	100		
182	93.8	48.1	144.4
145	32.2	16.2	48.5

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

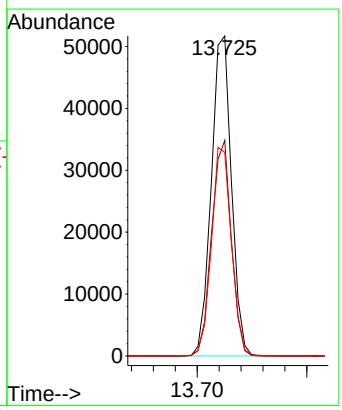


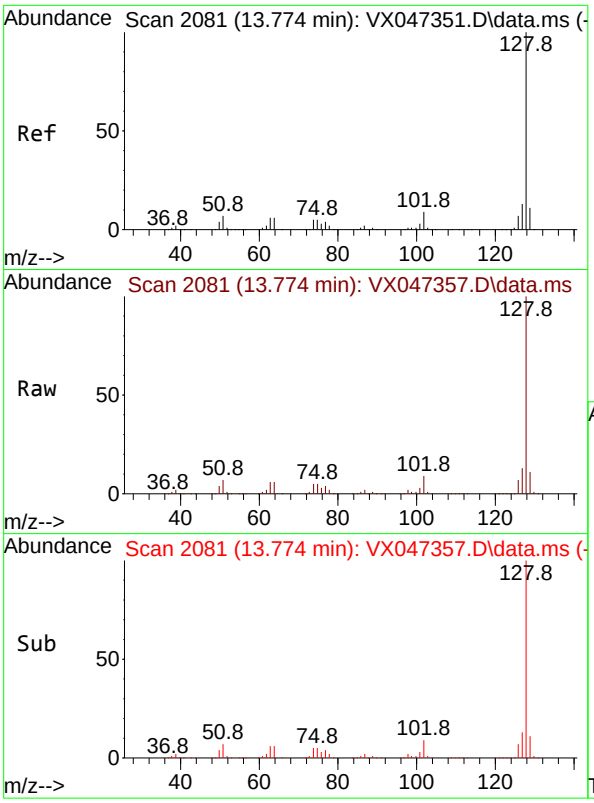


#94
Hexachlorobutadiene
Concen: 42.967 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion:225 Resp: 66005

Ion	Ratio	Lower	Upper
225	100		
223	65.6	32.2	96.6
227	64.6	31.6	95.0

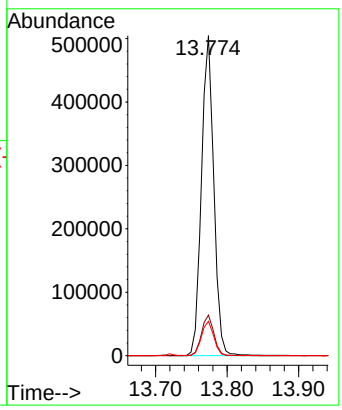




#95
Naphthalene
Concen: 49.026 ug/l
RT: 13.774 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion:128 Resp: 60465

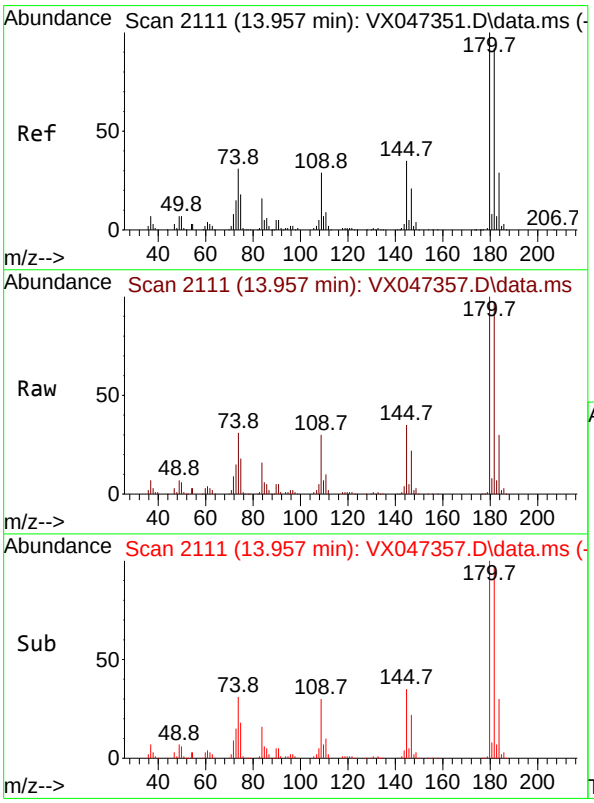
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.1	15.1
129	10.8	8.7	13.1



Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Manual Integrations
APPROVED

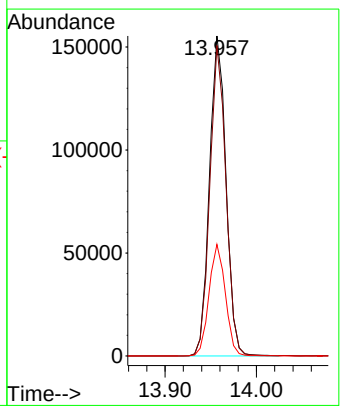
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#96
1,2,3-Trichlorobenzene
Concen: 47.822 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion:180 Resp: 194540

Ion	Ratio	Lower	Upper
180	100		
182	95.1	48.0	144.2
145	34.6	17.4	52.2



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047357.D
Acq On : 15 Aug 2025 13:11
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Quant Time: Aug 18 04:22:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	105	-0.01
2	T	Dichlorodifluoromethane	0.637	0.663	-4.1	95	0.00
3	P	Chloromethane	0.573	0.573	0.0	97	0.00
4	C	Vinyl Chloride	0.720	0.732	-1.7#	96	0.00
5	T	Bromomethane	0.291	0.326	-12.0	102	0.00
6	T	Chloroethane	0.440	0.435	1.1	99	0.00
7	T	Trichlorofluoromethane	1.065	1.062	0.3	94	0.00
8	T	Diethyl Ether	0.375	0.376	-0.3	95	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.618	0.619	-0.2	93	0.00
10	T	Methyl Iodide	1.058	0.950	10.2	86	0.00
11	T	Tert butyl alcohol	0.061	0.056	8.2	86	0.00
12	CM	1,1-Dichloroethene	0.630	0.634	-0.6#	96	0.00
13	T	Acrolein	0.129	0.106	17.8	85	0.00
14	T	Allyl chloride	1.093	1.083	0.9	94	0.00
15	T	Acrylonitrile	0.294	0.294	0.0	91	0.00
16	T	Acetone	0.263	0.259	1.5	97	0.00
17	T	Carbon Disulfide	1.900	1.825	3.9	96	0.00
18	T	Methyl Acetate	0.682	0.651	4.5	89	0.00
19	T	Methyl tert-butyl Ether	1.915	1.918	-0.2	93	0.00
20	T	Methylene Chloride	0.697	0.693	0.6	96	0.00
21	T	trans-1,2-Dichloroethene	0.668	0.660	1.2	96	0.00
22	T	Diisopropyl ether	2.161	2.220	-2.7	95	0.00
23	T	Vinyl Acetate	1.772	1.805	-1.9	93	0.00
24	P	1,1-Dichloroethane	1.222	1.212	0.8	94	0.00
25	T	2-Butanone	0.344	0.336	2.3	91	0.00
26	T	2,2-Dichloropropane	0.922	0.926	-0.4	96	-0.01
27	T	cis-1,2-Dichloroethene	0.778	0.771	0.9	96	0.00
28	T	Bromochloromethane	0.508	0.581	-14.4	113	0.00
29	T	Tetrahydrofuran	0.223	0.214	4.0	92	0.00
30	C	Chloroform	1.247	1.223	1.9#	94	0.00
31	T	Cyclohexane	1.126	1.060	5.9	92	0.00
32	T	1,1,1-Trichloroethane	1.073	1.052	2.0	92	0.00
33	S	1,2-Dichloroethane-d4	0.700	0.766	-9.4	115	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	105	0.00
35	S	Dibromofluoromethane	0.325	0.360	-10.8	115	0.00
36	T	1,1-Dichloropropene	0.512	0.488	4.7	91	0.00
37	T	Ethyl Acetate	0.532	0.502	5.6	90	0.00
38	T	Carbon Tetrachloride	0.560	0.531	5.2	92	0.00
39	T	Methylcyclohexane	0.639	0.602	5.8	91	-0.01
40	TM	Benzene	1.533	1.493	2.6	92	0.00
41	T	Methacrylonitrile	0.224	0.219	2.2	89	0.00
42	TM	1,2-Dichloroethane	0.543	0.529	2.6	93	-0.01
43	T	Isopropyl Acetate	0.764	0.745	2.5	90	0.00
44	TM	Trichloroethene	0.393	0.377	4.1	92	0.00
45	C	1,2-Dichloropropane	0.384	0.375	2.3#	94	0.00
46	T	Dibromomethane	0.279	0.271	2.9	94	0.00
47	T	Bromodichloromethane	0.578	0.556	3.8	92	0.00
48	T	Methyl methacrylate	0.397	0.385	3.0	91	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047357.D
Acq On : 15 Aug 2025 13:11
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Quant Time: Aug 18 04:22:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.004	0.003	25.0	81	0.00
50	S	Toluene-d8	1.160	1.263	-8.9	114	0.00
51	T	4-Methyl-2-Pentanone	0.440	0.429	2.5	89	0.00
52	CM	Toluene	0.947	0.923	2.5#	92	0.00
53	T	t-1,3-Dichloropropene	0.505	0.512	-1.4	92	0.00
54	T	cis-1,3-Dichloropropene	0.571	0.571	0.0	94	0.00
55	T	1,1,2-Trichloroethane	0.360	0.348	3.3	93	0.00
56	T	Ethyl methacrylate	0.530	0.532	-0.4	91	0.00
57	T	1,3-Dichloropropane	0.613	0.592	3.4	93	0.00
58	T	2-Chloroethyl Vinyl ether	0.211	0.225	-6.6	86	0.00
59	T	2-Hexanone	0.304	0.295	3.0	90	0.00
60	T	Dibromochloromethane	0.428	0.411	4.0	93	0.00
61	T	1,2-Dibromoethane	0.371	0.356	4.0	92	0.00
62	S	4-Bromofluorobenzene	0.428	0.468	-9.3	115	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.00
64	T	Tetrachloroethene	0.362	0.346	4.4	91	0.00
65	PM	Chlorobenzene	1.188	1.134	4.5	92	0.00
66	T	1,1,1,2-Tetrachloroethane	0.402	0.386	4.0	91	0.00
67	C	Ethyl Benzene	2.045	1.997	2.3#	92	0.00
68	T	m/p-Xylenes	0.763	0.753	1.3	92	0.00
69	T	o-Xylene	0.734	0.722	1.6	93	0.00
70	T	Styrene	1.240	1.244	-0.3	92	0.00
71	P	Bromoform	0.302	0.292	3.3	91	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	105	0.00
73	T	Isopropylbenzene	3.913	3.868	1.2	92	0.00
74	T	N-amyl acetate	1.486	1.492	-0.4	90	0.00
75	P	1,1,2,2-Tetrachloroethane	1.149	1.105	3.8	91	0.00
76	T	1,2,3-Trichloropropane	0.917	0.879	4.1	91	0.00
77	T	Bromobenzene	0.955	0.926	3.0	92	0.00
78	T	n-propylbenzene	4.673	4.612	1.3	93	0.00
79	T	2-Chlorotoluene	2.825	2.725	3.5	92	0.00
80	T	1,3,5-Trimethylbenzene	3.219	3.156	2.0	92	0.00
81	T	trans-1,4-Dichloro-2-butene	0.178	0.174	2.2	92	0.00
82	T	4-Chlorotoluene	3.330	3.189	4.2	92	0.00
83	T	tert-Butylbenzene	3.212	3.202	0.3	93	0.00
84	T	1,2,4-Trimethylbenzene	3.219	3.206	0.4	92	0.00
85	T	sec-Butylbenzene	3.981	3.942	1.0	93	0.00
86	T	p-Isopropyltoluene	3.369	3.324	1.3	93	0.00
87	T	1,3-Dichlorobenzene	1.825	1.750	4.1	92	0.00
88	T	1,4-Dichlorobenzene	1.877	1.755	6.5	93	0.00
89	T	n-Butylbenzene	3.133	3.105	0.9	94	0.00
90	T	Hexachloroethane	0.591	0.576	2.5	92	0.00
91	T	1,2-Dichlorobenzene	1.733	1.638	5.5	92	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.222	0.209	5.9	89	0.00
93	T	1,2,4-Trichlorobenzene	1.161	1.113	4.1	95	0.00
94	T	Hexachlorobutadiene	0.413	0.355	14.0	92	0.00
95	T	Naphthalene	3.319	3.254	2.0	90	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047357.D
Acq On : 15 Aug 2025 13:11
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Quant Time: Aug 18 04:22:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.095	1.047	4.4	93	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047357.D
Acq On : 15 Aug 2025 13:11
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Quant Time: Aug 18 04:22:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	105	-0.01
2	T	Dichlorodifluoromethane	50.000	51.981	-4.0	95	0.00
3	P	Chloromethane	50.000	49.973	0.1	97	0.00
4	C	Vinyl Chloride	50.000	50.822	-1.6#	96	0.00
5	T	Bromomethane	50.000	56.066	-12.1	102	0.00
6	T	Chloroethane	50.000	49.421	1.2	99	0.00
7	T	Trichlorofluoromethane	50.000	49.898	0.2	94	0.00
8	T	Diethyl Ether	50.000	50.132	-0.3	95	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.154	-0.3	93	0.00
10	T	Methyl Iodide	50.000	44.887	10.2	86	0.00
11	T	Tert butyl alcohol	250.000	229.494	8.2	86	0.00
12	CM	1,1-Dichloroethene	50.000	50.316	-0.6#	96	0.00
13	T	Acrolein	250.000	207.171	17.1	85	0.00
14	T	Allyl chloride	50.000	49.503	1.0	94	0.00
15	T	Acrylonitrile	250.000	250.094	-0.0	91	0.00
16	T	Acetone	250.000	246.195	1.5	97	0.00
17	T	Carbon Disulfide	50.000	48.034	3.9	96	0.00
18	T	Methyl Acetate	50.000	47.774	4.5	89	0.00
19	T	Methyl tert-butyl Ether	50.000	50.072	-0.1	93	0.00
20	T	Methylene Chloride	50.000	49.724	0.6	96	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.352	1.3	96	0.00
22	T	Diisopropyl ether	50.000	51.358	-2.7	95	0.00
23	T	Vinyl Acetate	250.000	254.755	-1.9	93	0.00
24	P	1,1-Dichloroethane	50.000	49.586	0.8	94	0.00
25	T	2-Butanone	250.000	244.186	2.3	91	0.00
26	T	2,2-Dichloropropane	50.000	50.188	-0.4	96	-0.01
27	T	cis-1,2-Dichloroethene	50.000	49.507	1.0	96	0.00
28	T	Bromochloromethane	50.000	57.153	-14.3	113	0.00
29	T	Tetrahydrofuran	250.000	240.659	3.7	92	0.00
30	C	Chloroform	50.000	49.055	1.9#	94	0.00
31	T	Cyclohexane	50.000	47.066	5.9	92	0.00
32	T	1,1,1-Trichloroethane	50.000	49.018	2.0	92	0.00
33	S	1,2-Dichloroethane-d4	50.000	54.750	-9.5	115	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	105	0.00
35	S	Dibromofluoromethane	50.000	55.488	-11.0	115	0.00
36	T	1,1-Dichloropropene	50.000	47.627	4.7	91	0.00
37	T	Ethyl Acetate	50.000	47.213	5.6	90	0.00
38	T	Carbon Tetrachloride	50.000	47.393	5.2	92	0.00
39	T	Methylcyclohexane	50.000	47.074	5.9	91	-0.01
40	TM	Benzene	50.000	48.672	2.7	92	0.00
41	T	Methacrylonitrile	50.000	48.768	2.5	89	0.00
42	TM	1,2-Dichloroethane	50.000	48.708	2.6	93	-0.01
43	T	Isopropyl Acetate	50.000	48.740	2.5	90	0.00
44	TM	Trichloroethene	50.000	47.974	4.1	92	0.00
45	C	1,2-Dichloropropane	50.000	48.760	2.5#	94	0.00
46	T	Dibromomethane	50.000	48.500	3.0	94	0.00
47	T	Bromodichloromethane	50.000	48.121	3.8	92	0.00
48	T	Methyl methacrylate	50.000	48.604	2.8	91	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047357.D
Acq On : 15 Aug 2025 13:11
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Quant Time: Aug 18 04:22:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 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	890.740	10.9	81	0.00
50	S	Toluene-d8	50.000	54.448	-8.9	114	0.00
51	T	4-Methyl-2-Pentanone	250.000	243.797	2.5	89	0.00
52	CM	Toluene	50.000	48.706	2.6#	92	0.00
53	T	t-1,3-Dichloropropene	50.000	50.716	-1.4	92	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.956	0.1	94	0.00
55	T	1,1,2-Trichloroethane	50.000	48.385	3.2	93	0.00
56	T	Ethyl methacrylate	50.000	50.140	-0.3	91	0.00
57	T	1,3-Dichloropropane	50.000	48.290	3.4	93	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	222.770	10.9	86	0.00
59	T	2-Hexanone	250.000	242.481	3.0	90	0.00
60	T	Dibromochloromethane	50.000	48.122	3.8	93	0.00
61	T	1,2-Dibromoethane	50.000	47.971	4.1	92	0.00
62	S	4-Bromofluorobenzene	50.000	54.723	-9.4	115	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	104	0.00
64	T	Tetrachloroethene	50.000	47.871	4.3	91	0.00
65	PM	Chlorobenzene	50.000	47.724	4.6	92	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.099	3.8	91	0.00
67	C	Ethyl Benzene	50.000	48.829	2.3#	92	0.00
68	T	m/p-Xylenes	100.000	98.705	1.3	92	0.00
69	T	o-Xylene	50.000	49.223	1.6	93	0.00
70	T	Styrene	50.000	50.176	-0.4	92	0.00
71	P	Bromoform	50.000	48.446	3.1	91	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	0.00
73	T	Isopropylbenzene	50.000	49.432	1.1	92	0.00
74	T	N-amyl acetate	50.000	50.217	-0.4	90	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.087	3.8	91	0.00
76	T	1,2,3-Trichloropropane	50.000	47.911	4.2	91	0.00
77	T	Bromobenzene	50.000	48.465	3.1	92	0.00
78	T	n-propylbenzene	50.000	49.351	1.3	93	0.00
79	T	2-Chlorotoluene	50.000	48.241	3.5	92	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.013	2.0	92	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	42.686	14.6	92	0.00
82	T	4-Chlorotoluene	50.000	47.889	4.2	92	0.00
83	T	tert-Butylbenzene	50.000	49.841	0.3	93	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.796	0.4	92	0.00
85	T	sec-Butylbenzene	50.000	49.507	1.0	93	0.00
86	T	p-Isopropyltoluene	50.000	49.332	1.3	93	0.00
87	T	1,3-Dichlorobenzene	50.000	47.926	4.1	92	0.00
88	T	1,4-Dichlorobenzene	50.000	46.752	6.5	93	0.00
89	T	n-Butylbenzene	50.000	49.556	0.9	94	0.00
90	T	Hexachloroethane	50.000	48.749	2.5	92	0.00
91	T	1,2-Dichlorobenzene	50.000	47.283	5.4	92	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	47.135	5.7	89	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.926	4.1	95	0.00
94	T	Hexachlorobutadiene	50.000	42.967	14.1	92	0.00
95	T	Naphthalene	50.000	49.026	1.9	90	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047357.D
Acq On : 15 Aug 2025 13:11
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Quant Time: Aug 18 04:22:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.822	4.4	93	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Raw Data: **VX047369.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: TETR06
Lab Code: ACE
SDG No.: Q2886
Instrument ID: MSVOA_X
Calibration Date/Time: 08/15/2025 17:41
Lab File ID: VX047369.D
Init. Calib. Date(s): 08/15/2025 08/15/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 09:40 12:30
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.637	0.641		0.63	50
Chloromethane	0.573	0.543	0.1	-5.24	50
Vinyl Chloride	0.720	0.694		-3.61	50
Bromomethane	0.291	0.310		6.53	50
Chloroethane	0.440	0.412		-6.36	50
Trichlorofluoromethane	1.065	1.024		-3.85	50
1,1,2-Trichlorotrifluoroethane	0.618	0.610		-1.29	50
1,1-Dichloroethene	0.630	0.615		-2.38	50
Acetone	0.263	0.242		-7.99	50
Carbon Disulfide	1.900	1.704		-10.32	50
Methyl tert-butyl Ether	1.915	1.883		-1.67	50
Methyl Acetate	0.682	0.718		5.28	50
Methylene Chloride	0.697	0.659		-5.45	50
trans-1,2-Dichloroethene	0.668	0.638		-4.49	50
1,1-Dichloroethane	1.222	1.185	0.1	-3.03	50
Cyclohexane	1.126	1.063		-5.59	50
2-Butanone	0.344	0.354		2.91	50
Carbon Tetrachloride	0.560	0.525		-6.25	50
cis-1,2-Dichloroethene	0.778	0.746		-4.11	50
Bromochloromethane	0.508	0.507		-0.2	50
Chloroform	1.247	1.208		-3.13	50
1,1,1-Trichloroethane	1.073	1.026		-4.38	50
Methylcyclohexane	0.639	0.599		-6.26	50
Benzene	1.533	1.466		-4.37	50
1,2-Dichloroethane	0.543	0.514		-5.34	50
Trichloroethene	0.393	0.373		-5.09	50
1,2-Dichloropropane	0.384	0.366		-4.69	50
Bromodichloromethane	0.578	0.550		-4.84	50
4-Methyl-2-Pentanone	0.440	0.465		5.68	50
Toluene	0.947	0.909		-4.01	50
t-1,3-Dichloropropene	0.505	0.498		-1.39	50
cis-1,3-Dichloropropene	0.571	0.551		-3.5	50
1,1,2-Trichloroethane	0.360	0.348		-3.33	50
2-Hexanone	0.304	0.320		5.26	50
Dibromochloromethane	0.428	0.405		-5.37	50
1,2-Dibromoethane	0.371	0.356		-4.04	50
Tetrachloroethene	0.362	0.342		-5.53	50
Chlorobenzene	1.188	1.114	0.3	-6.23	50

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	Alliance	Contract:	TETR06
Lab Code:	ACE	SDG No.:	Q2886
Instrument ID:	MSVOA_X	Calibration Date/Time:	08/15/2025 17:41
Lab File ID:	VX047369.D	Init. Calib. Date(s):	08/15/2025 08/15/2025
Heated Purge: (Y/N)	N	Init. Calib. Time(s):	09:40 12:30

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	2.045	1.969		-3.72	50
m/p-Xylenes	0.763	0.737		-3.41	50
o-Xylene	0.734	0.710		-3.27	50
Styrene	1.240	1.234		-0.48	50
Bromoform	0.302	0.297	0.1	-1.66	50
Isopropylbenzene	3.913	3.768		-3.71	50
1,1,2,2-Tetrachloroethane	1.149	1.127	0.3	-1.91	50
1,3-Dichlorobenzene	1.825	1.706		-6.52	50
1,4-Dichlorobenzene	1.877	1.706		-9.11	50
1,2-Dichlorobenzene	1.733	1.609		-7.16	50
1,2-Dibromo-3-Chloropropane	0.222	0.225		1.35	50
1,2,4-Trichlorobenzene	1.161	1.074		-7.49	50
1,2,3-Trichlorobenzene	1.095	1.029		-6.03	50
1,2-Dichloroethane-d4	0.700	0.693		-1	50
Dibromofluoromethane	0.325	0.320		-1.54	50
Toluene-d8	1.160	1.129		-2.67	50
4-Bromofluorobenzene	0.428	0.427		-0.23	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\VX081525\
Data File : VX047369.D
Acq On : 15 Aug 2025 17:41
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 18 04:37:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.568	168	247357	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	423716	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	377122	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	185359	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	171384	49.507	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 99.020%			
35) Dibromofluoromethane	5.397	113	135646	49.327	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.660%			
50) Toluene-d8	8.653	98	478569	48.689	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.380%			
62) 4-Bromofluorobenzene	11.079	95	180848	49.860	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.720%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	158651	50.314	ug/l	100
3) Chloromethane	1.313	50	134270	47.334	ug/l	99
4) Vinyl Chloride	1.392	62	171563	48.186	ug/l	98
5) Bromomethane	1.630	94	76702	53.336	ug/l	96
6) Chloroethane	1.703	64	101952	46.802	ug/l	98
7) Trichlorofluoromethane	1.910	101	253193	48.077	ug/l	99
8) Diethyl Ether	2.148	74	90479	48.793	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.349	101	150994	49.427	ug/l	99
10) Methyl Iodide	2.471	142	220054	42.033	ug/l	98
11) Tert butyl alcohol	2.965	59	79179	262.913	ug/l	97
12) 1,1-Dichloroethene	2.337	96	152014	48.810	ug/l	97
13) Acrolein	2.251	56	138429	217.746	ug/l	98
14) Allyl chloride	2.684	41	257321	47.570	ug/l	99
15) Acrylonitrile	3.081	53	385440	264.860	ug/l	99
16) Acetone	2.392	43	299321	230.028	ug/l	97
17) Carbon Disulfide	2.532	76	421504	44.850	ug/l	100
18) Methyl Acetate	2.715	43	177638	52.680	ug/l	100
19) Methyl tert-butyl Ether	3.129	73	465768	49.159	ug/l	98
20) Methylene Chloride	2.806	84	163125	47.342	ug/l	98
21) trans-1,2-Dichloroethene	3.111	96	157906	47.770	ug/l	95
22) Diisopropyl ether	3.776	45	531257	49.685	ug/l	94
23) Vinyl Acetate	3.733	43	2202905	251.356	ug/l	100
24) 1,1-Dichloroethane	3.629	63	293208	48.514	ug/l	99
25) 2-Butanone	4.574	43	438422	257.259	ug/l	97
26) 2,2-Dichloropropane	4.495	77	207612	45.513	ug/l	100
27) cis-1,2-Dichloroethene	4.507	96	184588	47.944	ug/l	98
28) Bromochloromethane	4.916	49	125336	49.836	ug/l	99
29) Tetrahydrofuran	5.025	42	286476	260.079	ug/l	99
30) Chloroform	5.111	83	298914	48.462	ug/l	100
31) Cyclohexane	5.489	56	262926	47.193	ug/l	98
32) 1,1,1-Trichloroethane	5.403	97	253848	47.814	ug/l	99
36) 1,1-Dichloropropene	5.708	75	202458	46.638	ug/l	98
37) Ethyl Acetate	4.727	43	222836	49.446	ug/l	99
38) Carbon Tetrachloride	5.690	117	222454	46.894	ug/l	99
39) Methylcyclohexane	7.385	83	253595	46.834	ug/l	96
40) Benzene	6.050	78	621000	47.793	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047369.D
Acq On : 15 Aug 2025 17:41
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 18 04:37:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.940	41	98224	51.686	ug/l		98
42) 1,2-Dichloroethane	6.098	62	217943	47.354	ug/l		100
43) Isopropyl Acetate	6.348	43	325347	50.253	ug/l		99
44) Trichloroethene	7.135	130	158017	47.495	ug/l		99
45) 1,2-Dichloropropane	7.440	63	154952	47.602	ug/l		97
46) Dibromomethane	7.586	93	112171	47.466	ug/l		99
47) Bromodichloromethane	7.824	83	232890	47.537	ug/l		99
48) Methyl methacrylate	7.696	41	168816	50.235	ug/l		99
49) 1,4-Dioxane	7.683	88	30822	943.476	ug/l		97
51) 4-Methyl-2-Pentanone	8.573	43	985485	264.515	ug/l		99
52) Toluene	8.720	92	385041	47.956	ug/l		99
53) t-1,3-Dichloropropene	8.982	75	210802	49.301	ug/l		97
54) cis-1,3-Dichloropropene	8.372	75	233636	48.275	ug/l		98
55) 1,1,2-Trichloroethane	9.153	97	147563	48.406	ug/l		97
56) Ethyl methacrylate	9.116	69	228646	50.873	ug/l		98
57) 1,3-Dichloropropane	9.311	76	251527	48.422	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.244	63	495476	231.506	ug/l		98
59) 2-Hexanone	9.433	43	678869	263.424	ug/l		100
60) Dibromochloromethane	9.518	129	171539	47.350	ug/l		100
61) 1,2-Dibromoethane	9.610	107	151027	48.044	ug/l		100
64) Tetrachloroethene	9.275	164	128802	47.219	ug/l		98
65) Chlorobenzene	10.079	112	419976	46.862	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.159	131	143495	47.366	ug/l		99
67) Ethyl Benzene	10.195	91	742426	48.132	ug/l		100
68) m/p-Xylenes	10.299	106	556218	96.708	ug/l		99
69) o-Xylene	10.640	106	267582	48.345	ug/l		99
70) Styrene	10.652	104	465494	49.774	ug/l		99
71) Bromoform	10.799	173	111925	49.178	ug/l	#	99
73) Isopropylbenzene	10.963	105	698402	48.148	ug/l		100
74) N-amyl acetate	10.841	43	290383	52.718	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	208867	49.044	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	166325m	48.924	ug/l		
77) Bromobenzene	11.195	156	171008	48.280	ug/l		98
78) n-propylbenzene	11.305	91	836824	48.305	ug/l		99
79) 2-Chlorotoluene	11.360	91	493814	47.154	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	576641	48.316	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	30626	40.864	ug/l		95
82) 4-Chlorotoluene	11.451	91	588084	47.639	ug/l		100
83) tert-Butylbenzene	11.713	119	577466	48.498	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	580775	48.662	ug/l		100
85) sec-Butylbenzene	11.890	105	715409	48.475	ug/l		100
86) p-Isopropyltoluene	12.006	119	598935	47.959	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	316260	46.738	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	316284	45.446	ug/l		99
89) n-Butylbenzene	12.329	91	552112	47.531	ug/l		99
90) Hexachloroethane	12.536	117	103982	47.461	ug/l		97
91) 1,2-Dichlorobenzene	12.335	146	298289	46.443	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	41755	50.697	ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	199103	46.241	ug/l		99
94) Hexachlorobutadiene	13.719	225	62693	40.906	ug/l		99
95) Naphthalene	13.774	128	630795	51.265	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	190800	47.011	ug/l		99

Sample Results: **VX047369.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047369.D
Acq On : 15 Aug 2025 17:41
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

Quant Time: Aug 18 04:37:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

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

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

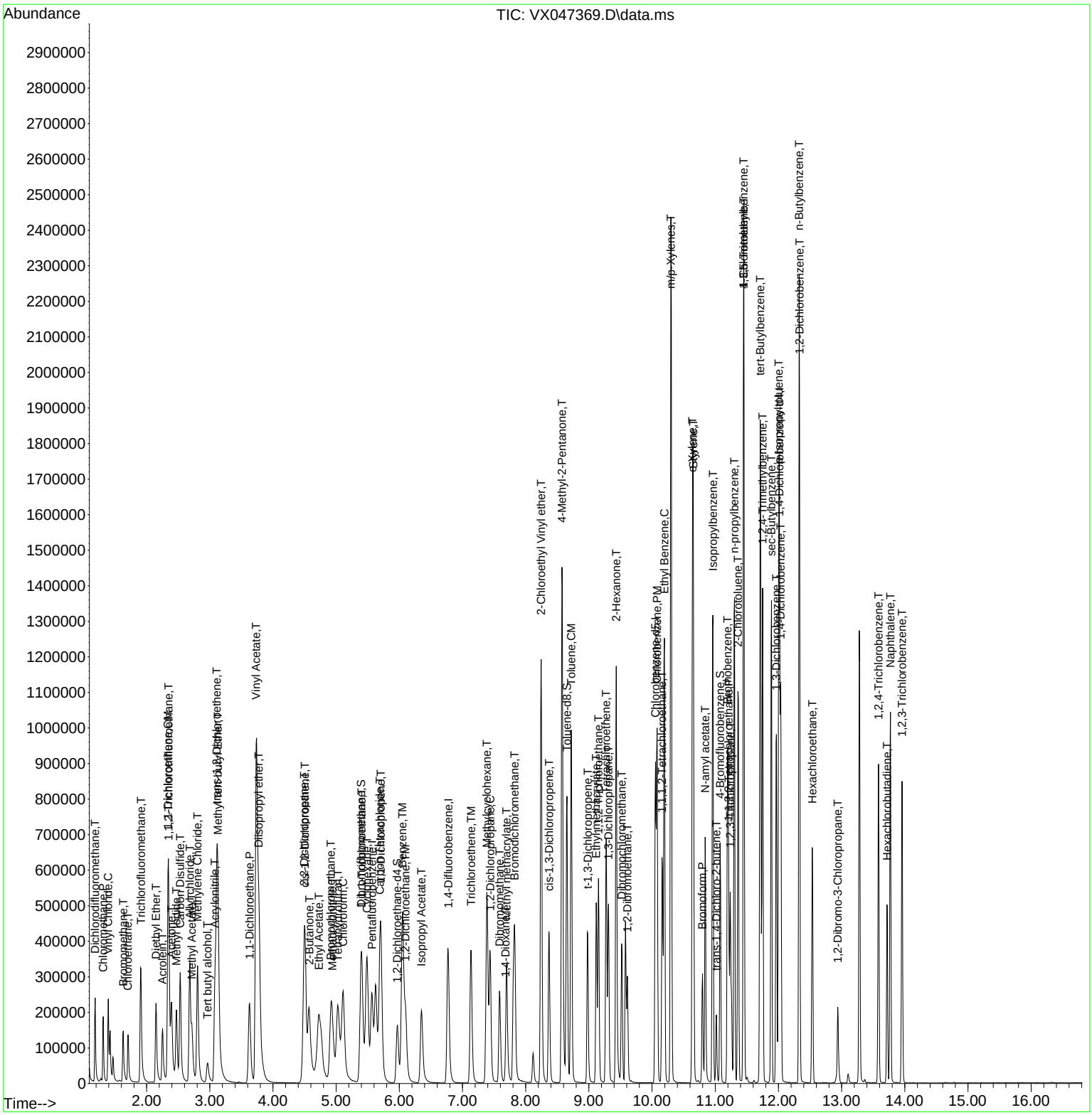
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047369.D
Acq On : 15 Aug 2025 17:41
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

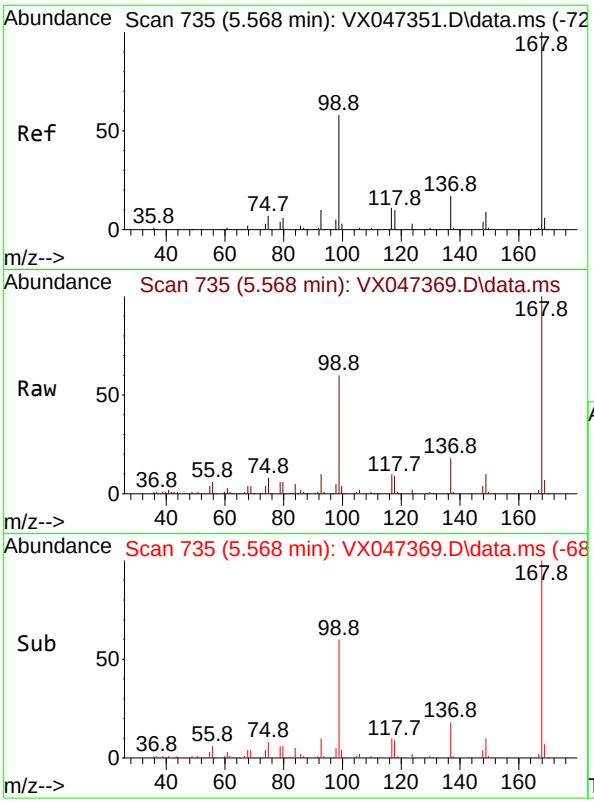
Quant Time: Aug 18 04:37:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

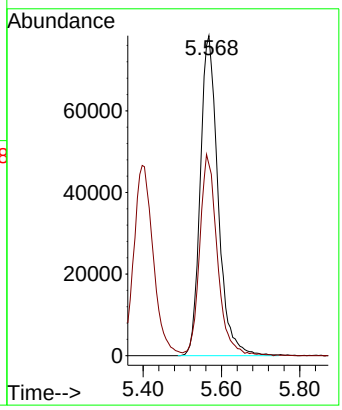




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion:168 Resp: 24735

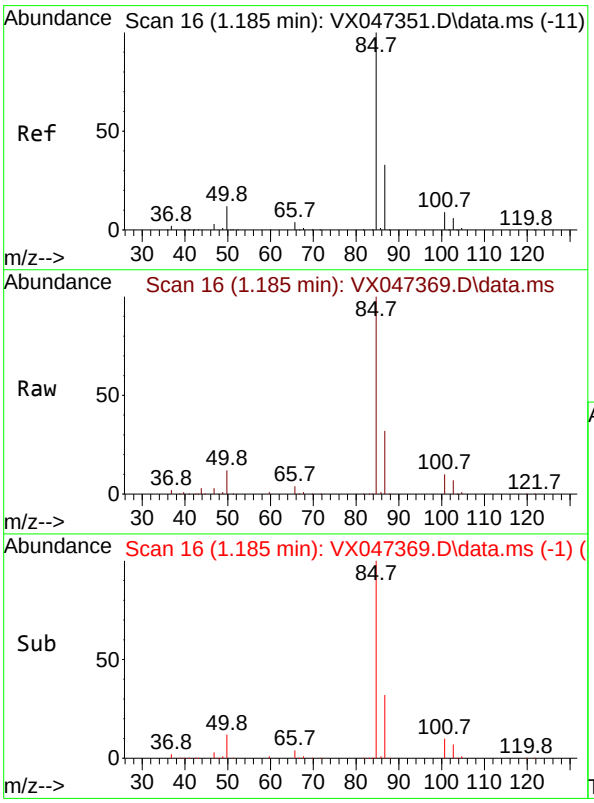
Ion	Ratio	Lower	Upper
168	100		
99	59.6	47.9	71.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

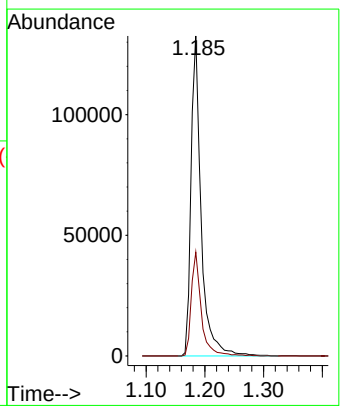
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

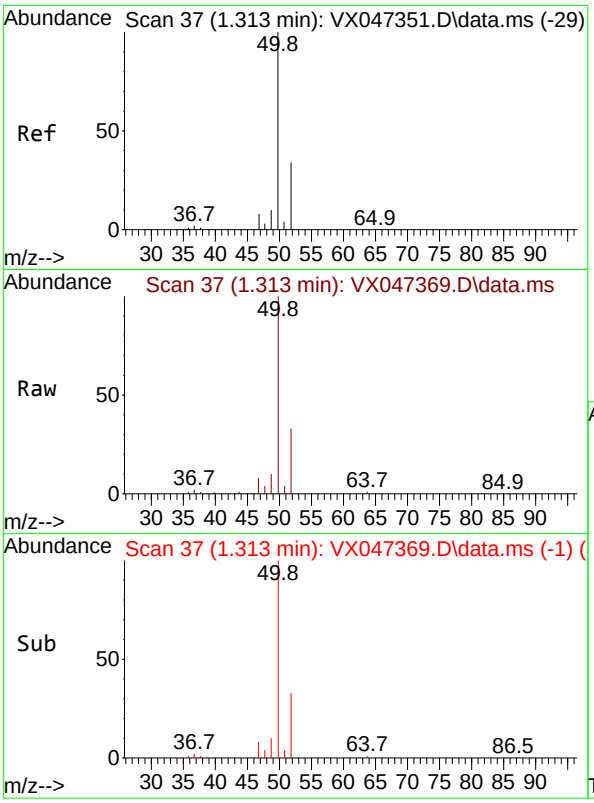


#2
Dichlorodifluoromethane
Concen: 50.314 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 85 Resp: 158651

Ion	Ratio	Lower	Upper
85	100		
87	32.5	16.4	49.1

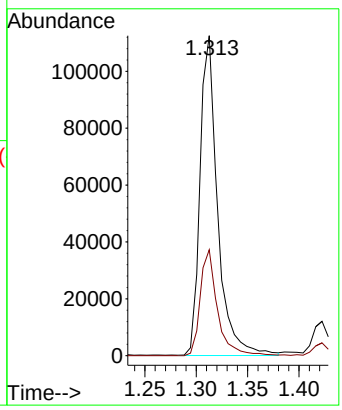




#3
Chloromethane
Concen: 47.334 ug/l
RT: 1.313 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 50 Resp: 13427

Ion	Ratio	Lower	Upper
50	100		
52	33.2	27.0	40.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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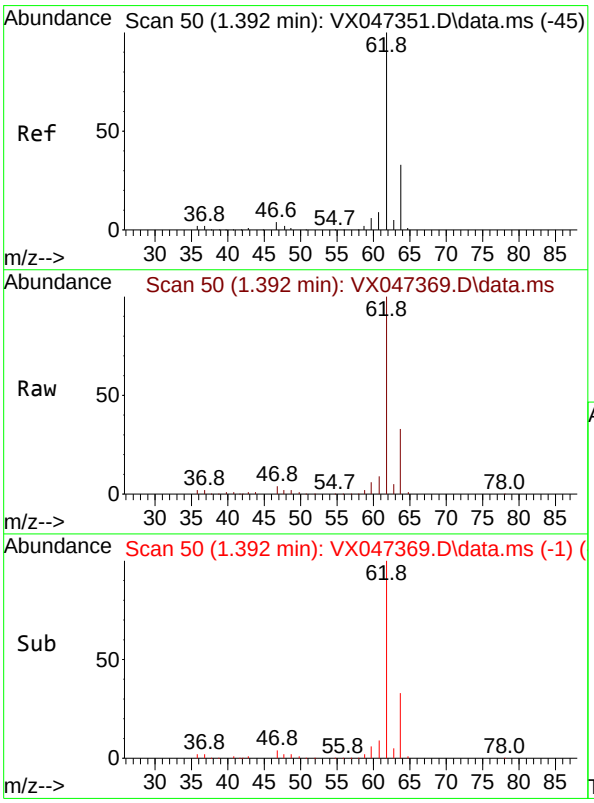
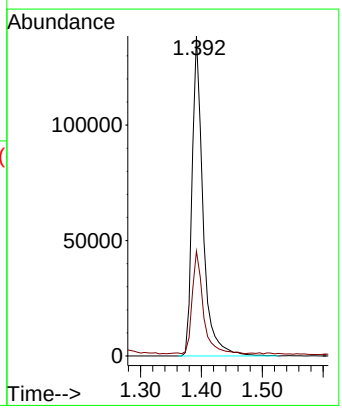
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

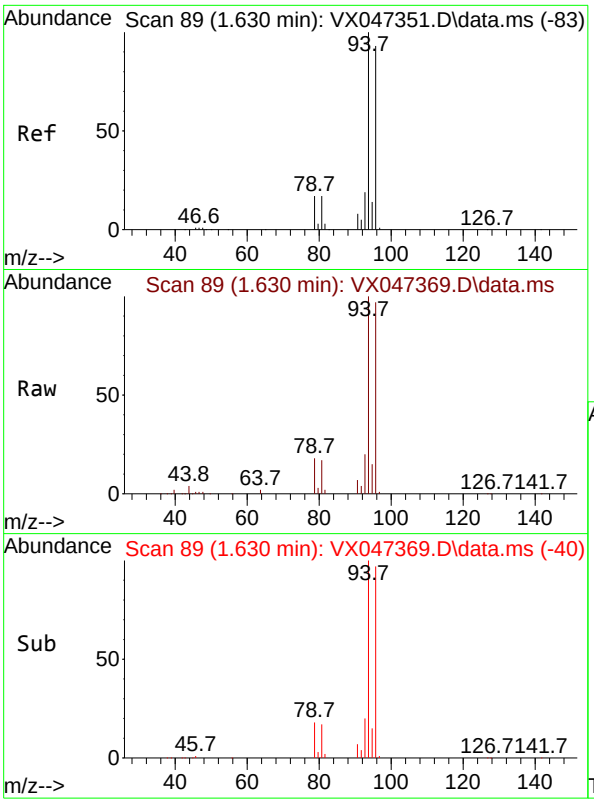


#4
Vinyl Chloride
Concen: 48.186 ug/l
RT: 1.392 min Scan# 50
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 62 Resp: 171563

Ion	Ratio	Lower	Upper
62	100		
64	32.0	26.5	39.7





#5
Bromomethane
Concen: 53.336 ug/l
RT: 1.630 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 94 Resp: 7670

Ion	Ratio	Lower	Upper
94	100		
96	97.4	74.7	112.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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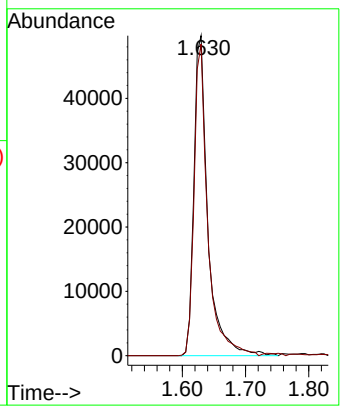
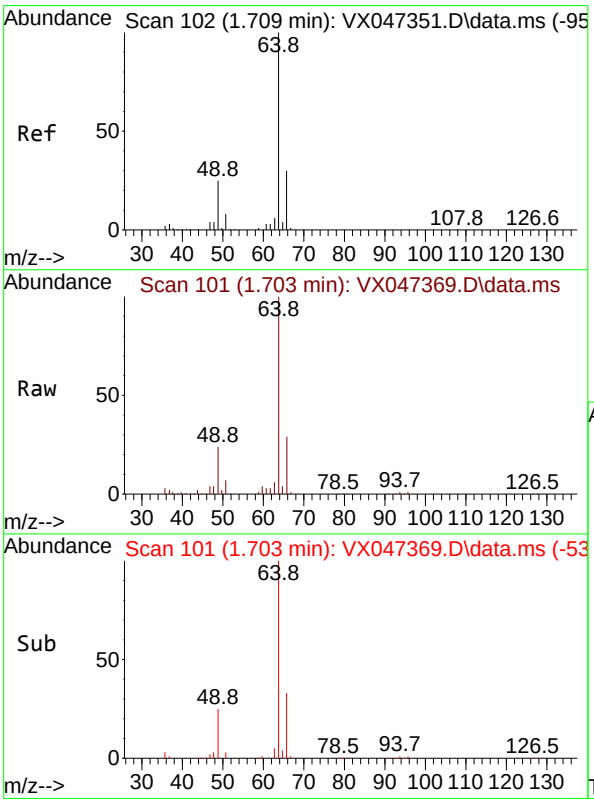
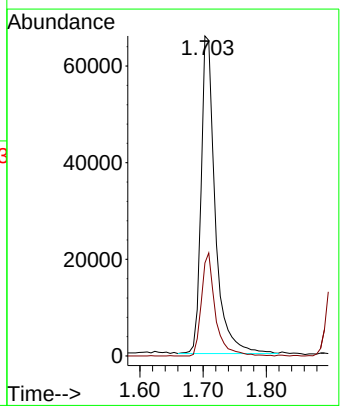


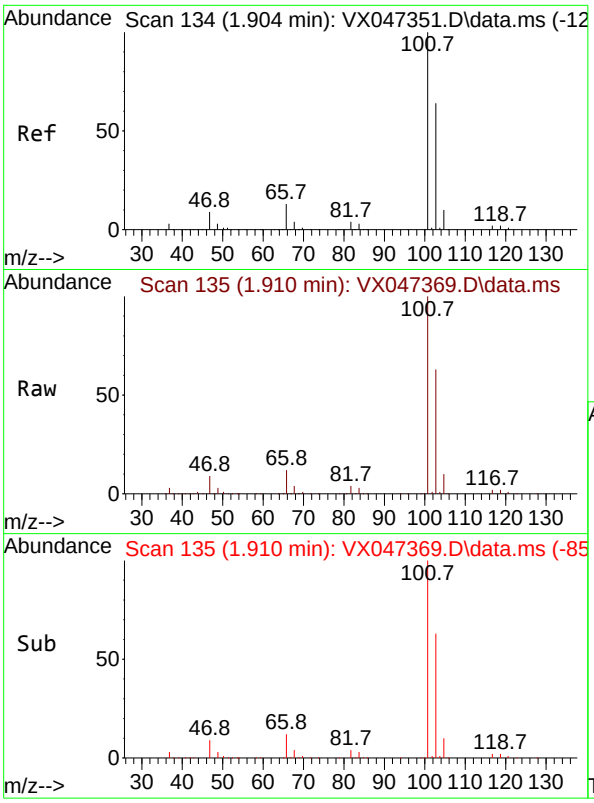


#6
Chloroethane
Concen: 46.802 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.006 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 64 Resp: 101952

Ion	Ratio	Lower	Upper
64	100		
66	29.3	24.4	36.6

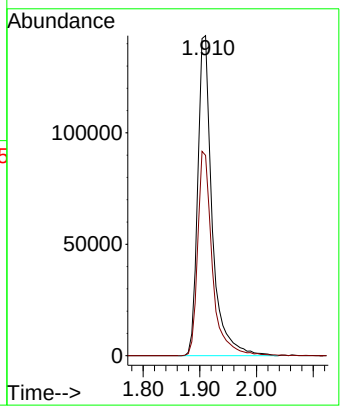




#7
Trichlorofluoromethane
Concen: 48.077 ug/l
RT: 1.910 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion:101 Resp: 25319

Ion	Ratio	Lower	Upper
101	100		
103	62.6	50.9	76.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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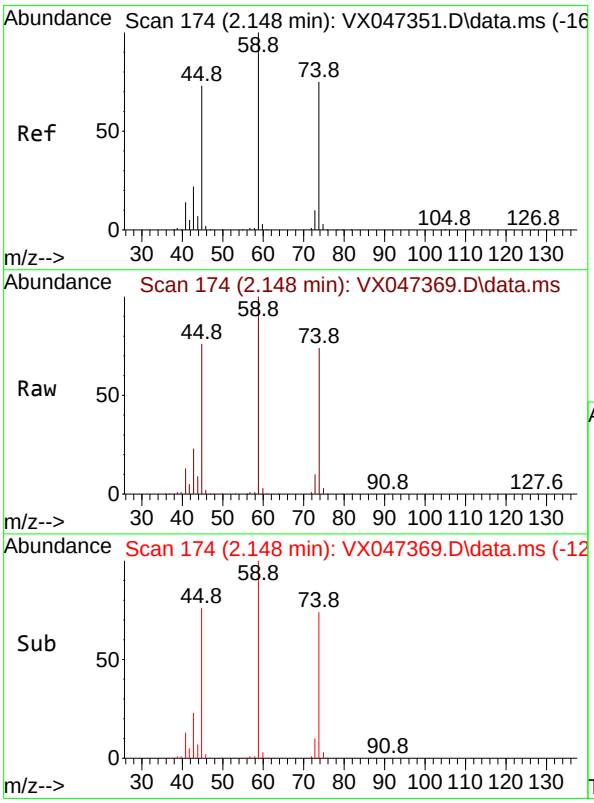
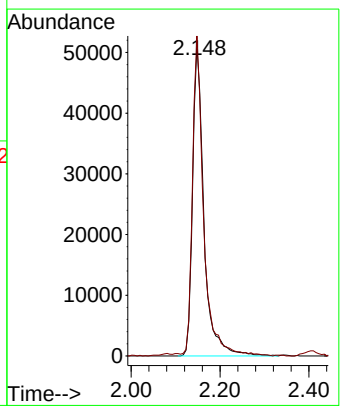
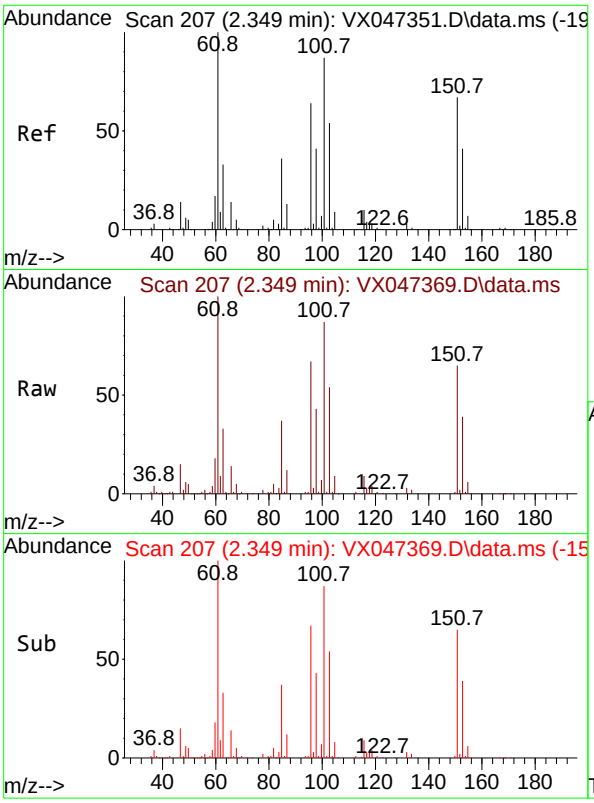


#8
Diethyl Ether
Concen: 48.793 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 74 Resp: 90479

Ion	Ratio	Lower	Upper
74	100		
45	102.3	51.3	154.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.427 ug/l
RT: 2.349 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion:101 Resp: 15099

Ion	Ratio	Lower	Upper
101	100		
85	44.0	34.3	51.5
151	73.8	59.2	88.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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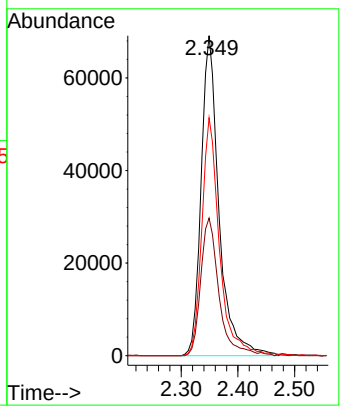
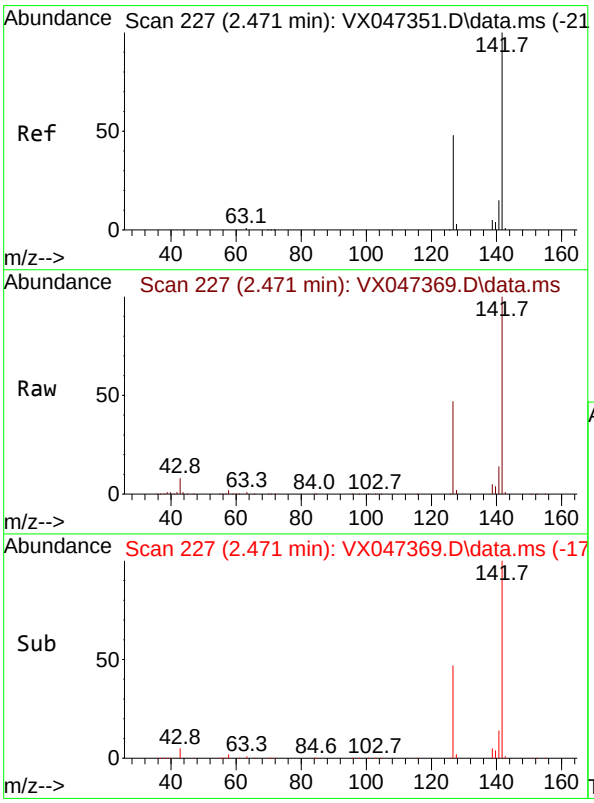
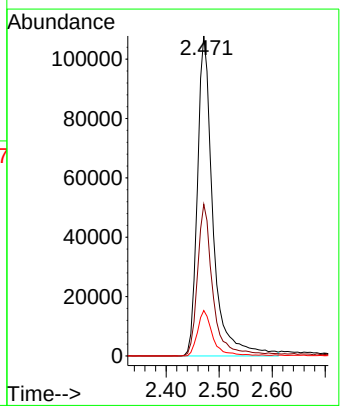


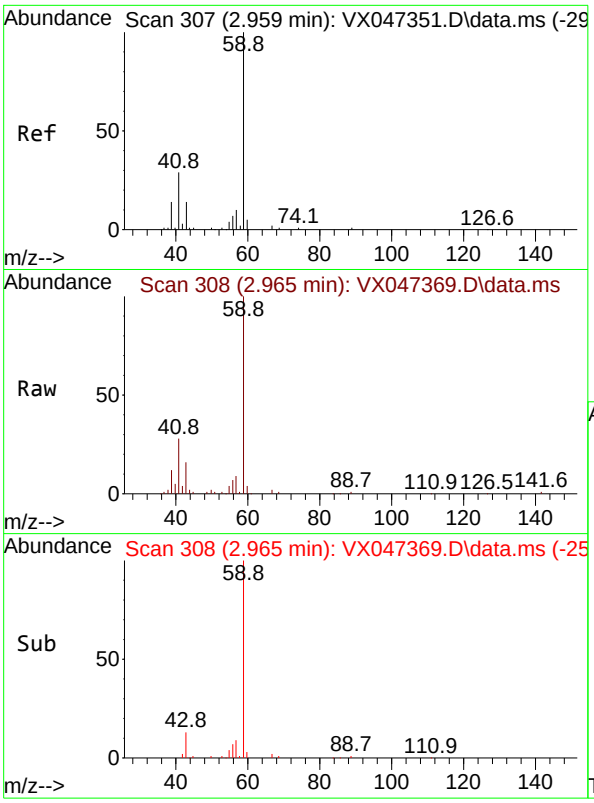


#10
Methyl Iodide
Concen: 42.033 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion:142 Resp: 220054

Ion	Ratio	Lower	Upper
142	100		
127	46.6	36.1	54.1
141	14.0	11.1	16.7

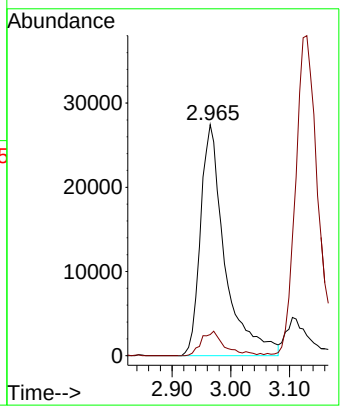




#11
Tert butyl alcohol
Concen: 262.913 ug/l
RT: 2.965 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 59 Resp: 7917

Ion	Ratio	Lower	Upper
59	100		
57	9.5	8.3	12.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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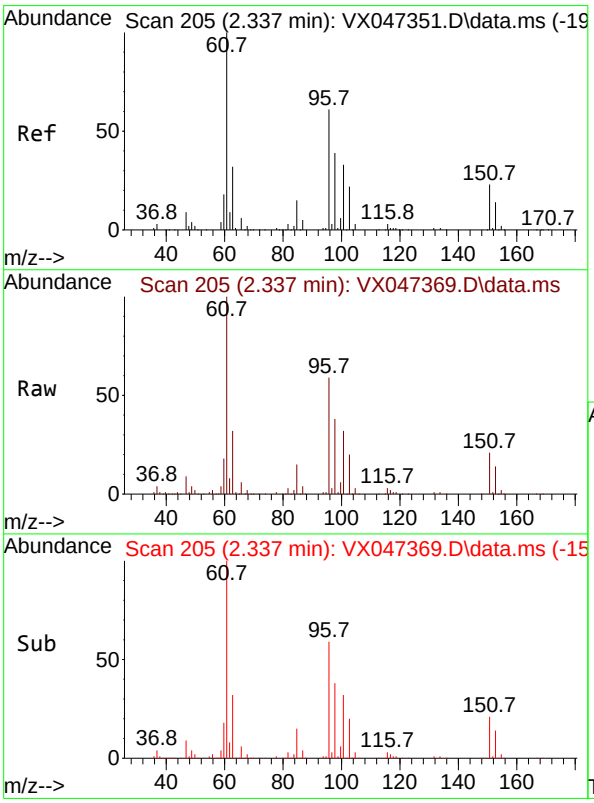
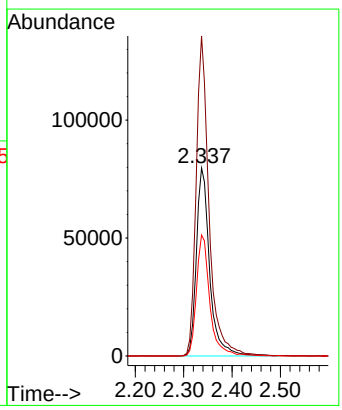
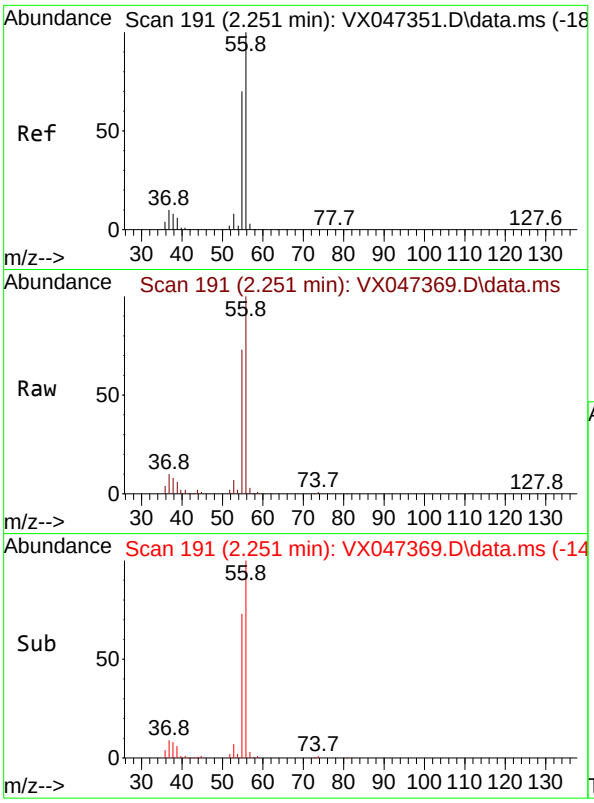


#12
1,1-Dichloroethene
Concen: 48.810 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 96 Resp: 152014

Ion	Ratio	Lower	Upper
96	100		
61	170.2	132.2	198.2
98	64.3	51.2	76.8





#13
Acrolein
Concen: 217.746 ug/l
RT: 2.251 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 56 Resp: 13842

Ion	Ratio	Lower	Upper
56	100		
55	71.3	55.5	83.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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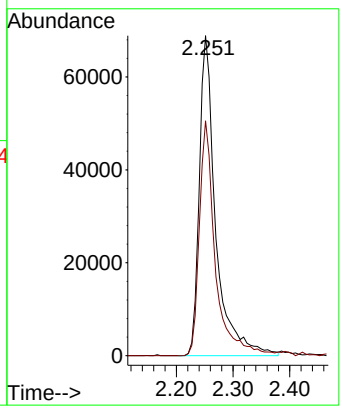
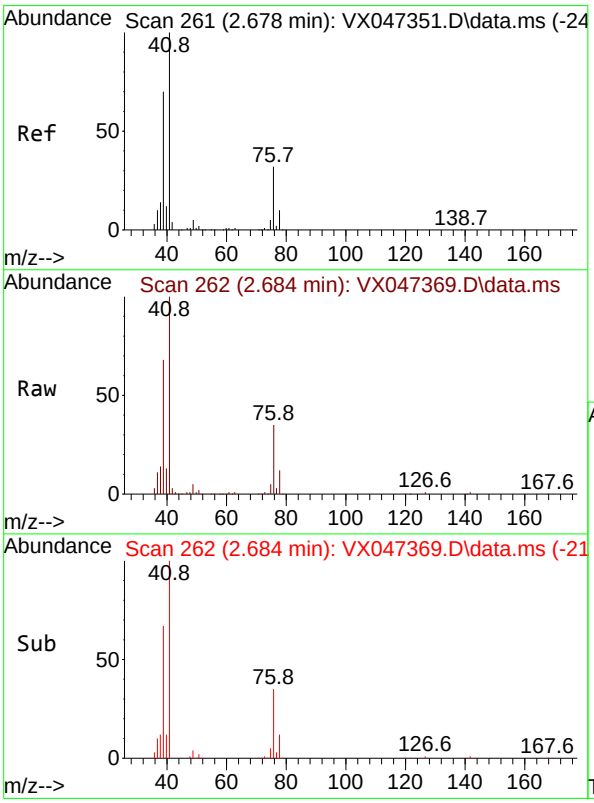
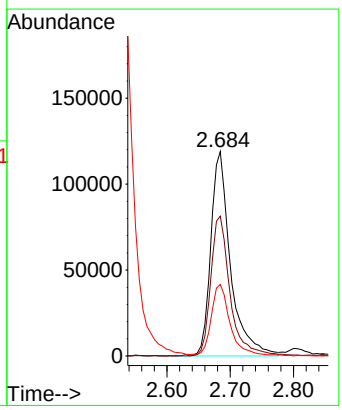


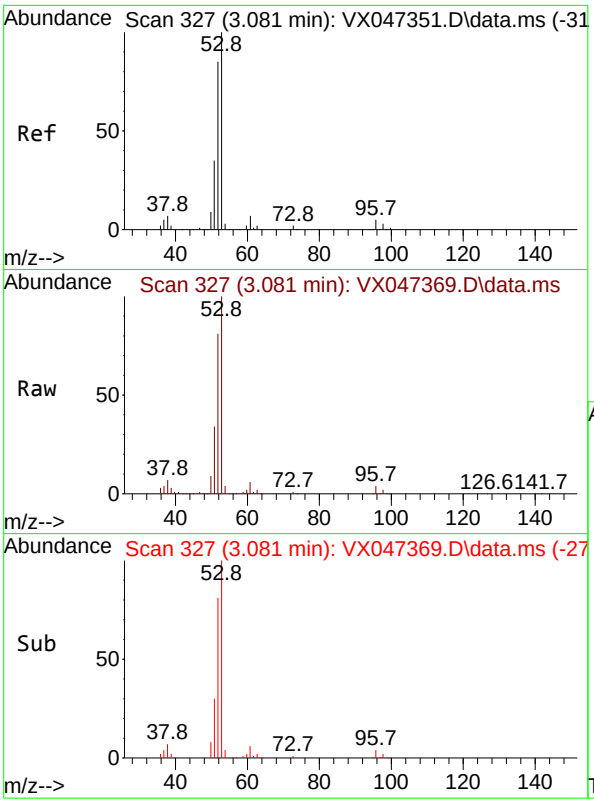


#14
Allyl chloride
Concen: 47.570 ug/l
RT: 2.684 min Scan# 262
Delta R.T. 0.006 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 41 Resp: 257321

Ion	Ratio	Lower	Upper
41	100		
39	67.2	54.6	81.8
76	33.9	27.6	41.4

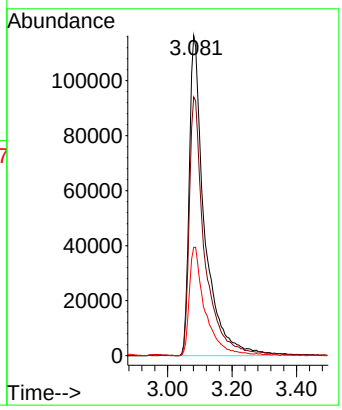




#15
Acrylonitrile
Concen: 264.860 ug/l
RT: 3.081 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 53 Resp: 38544

Ion	Ratio	Lower	Upper
53	100		
52	81.2	65.8	98.6
51	35.0	28.2	42.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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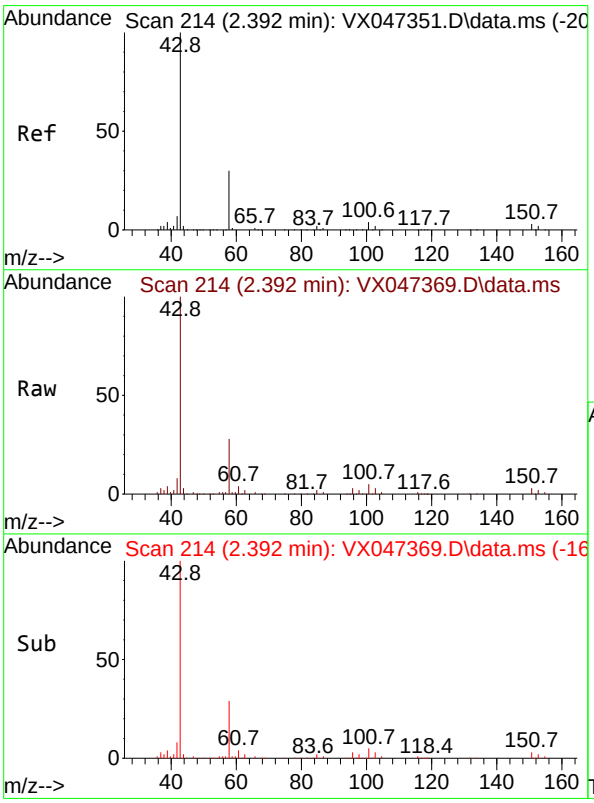
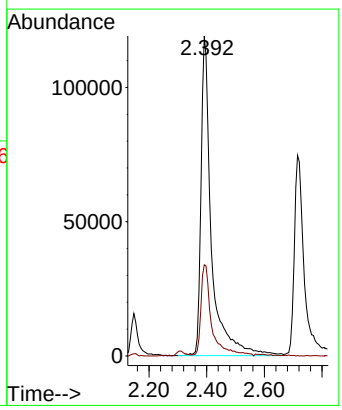
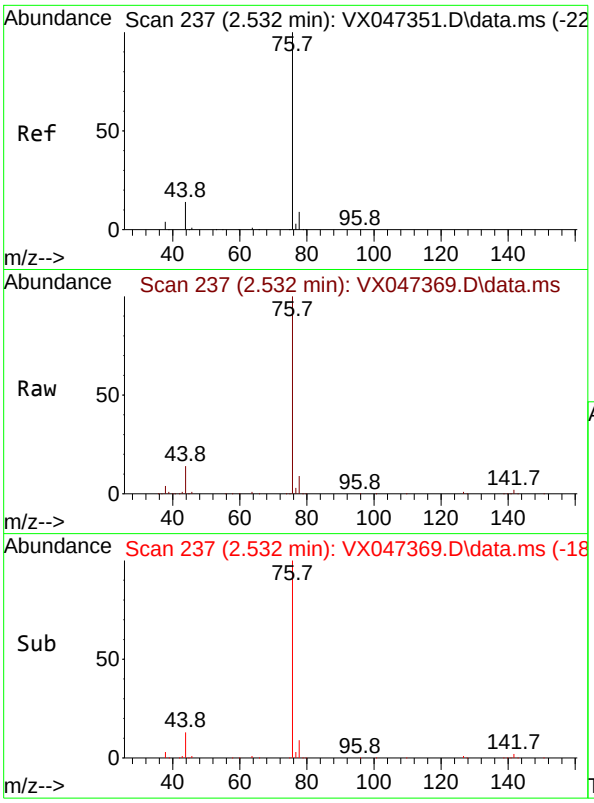


#16
Acetone
Concen: 230.028 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 43 Resp: 299321

Ion	Ratio	Lower	Upper
43	100		
58	29.4	24.8	37.2





#17
Carbon Disulfide
Concen: 44.850 ug/l
RT: 2.532 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 76 Resp: 42150

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.2	10.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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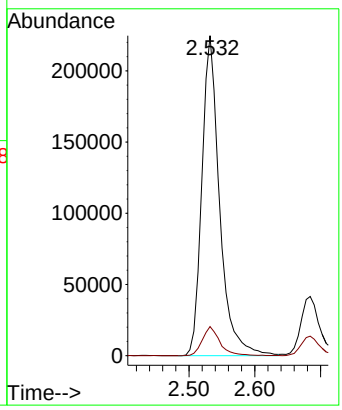
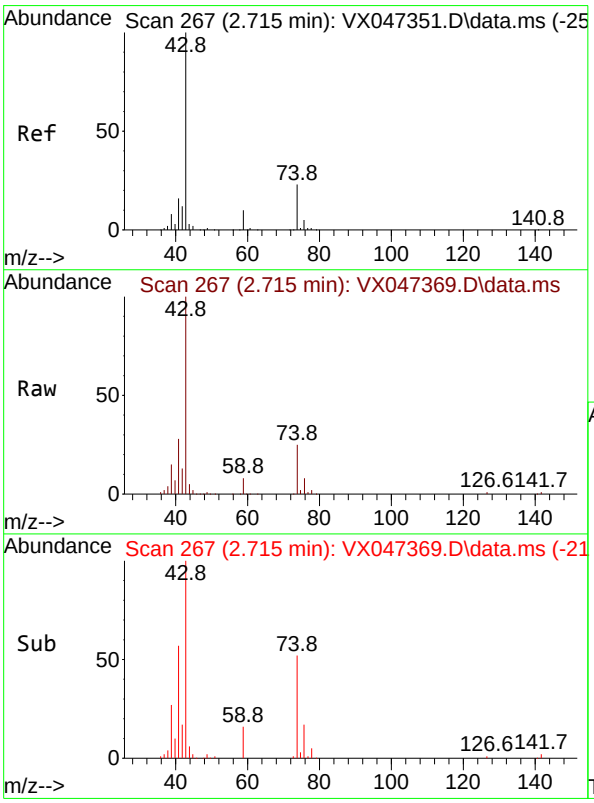
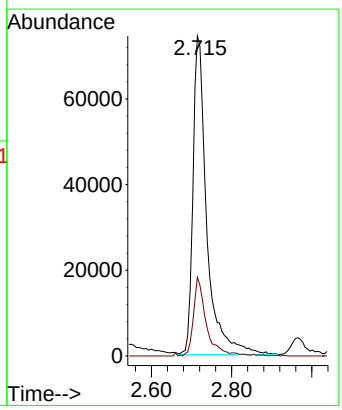


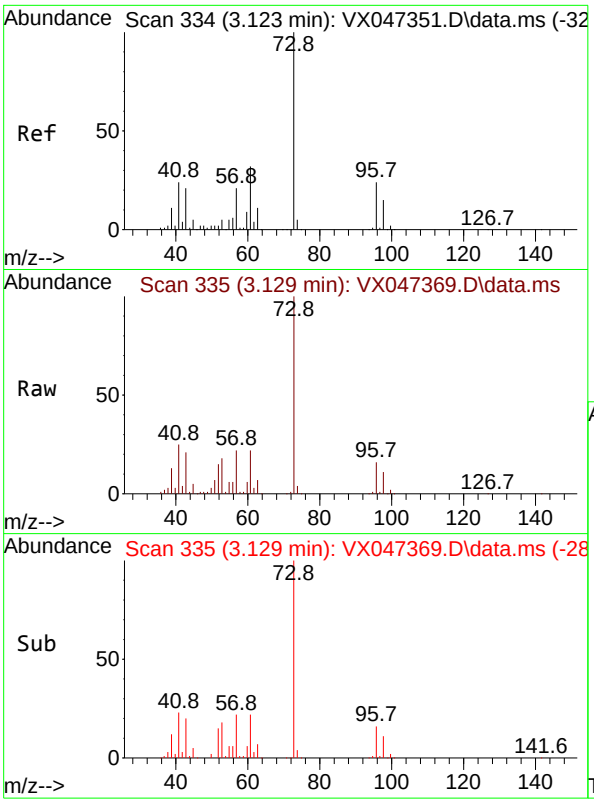


#18
Methyl Acetate
Concen: 52.680 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 43 Resp: 177638

Ion	Ratio	Lower	Upper
43	100		
74	22.9	18.4	27.6

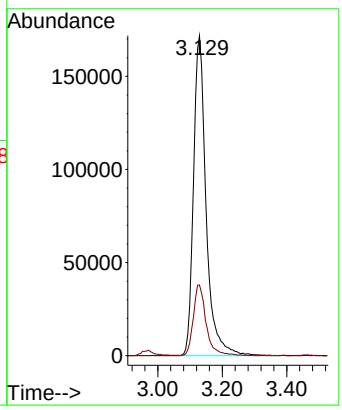




#19
Methyl tert-butyl Ether
Concen: 49.159 ug/l
RT: 3.129 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 73 Resp: 46576

Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.0	25.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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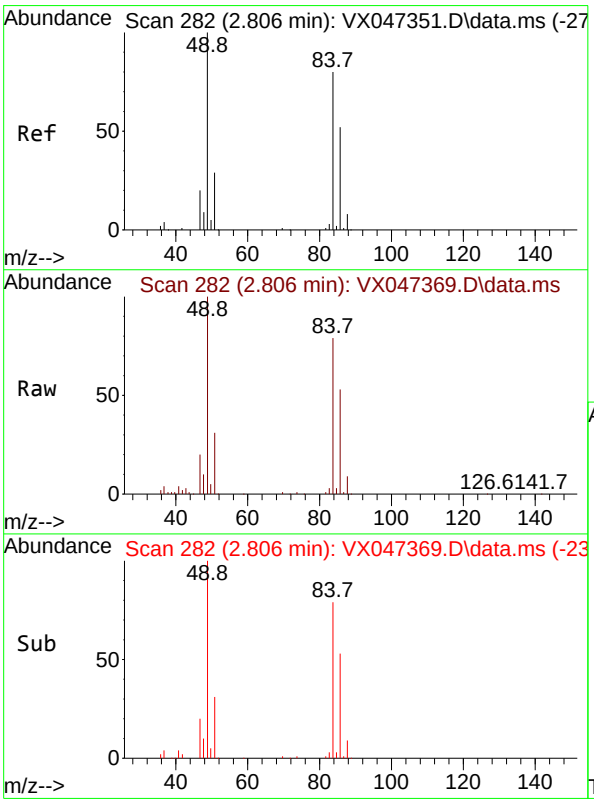
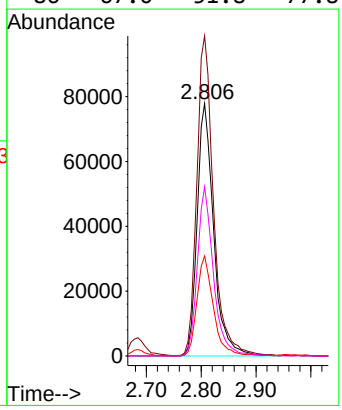
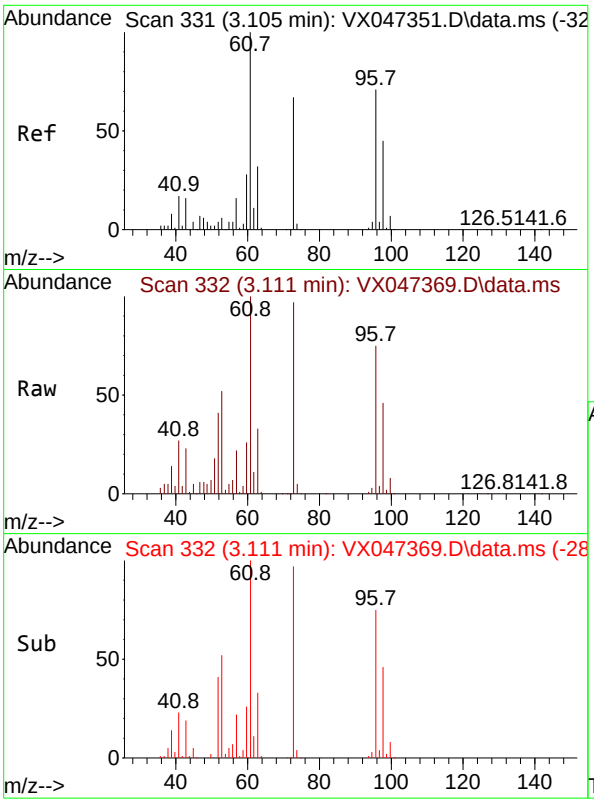


#20
Methylene Chloride
Concen: 47.342 ug/l
RT: 2.806 min Scan# 282
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 84 Resp: 163125

Ion	Ratio	Lower	Upper
84	100		
49	126.6	100.1	150.1
51	39.6	29.5	44.3
86	67.0	51.8	77.8

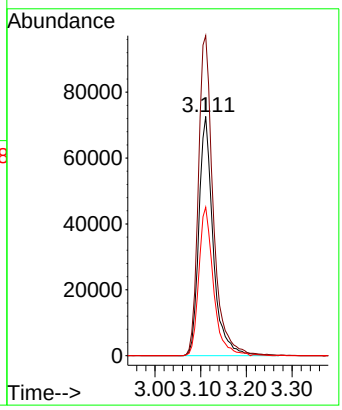




#21
trans-1,2-Dichloroethene
Concen: 47.770 ug/l
RT: 3.111 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 96 Resp: 15790

Ion	Ratio	Lower	Upper
96	100		
61	133.8	112.6	169.0
98	62.1	50.9	76.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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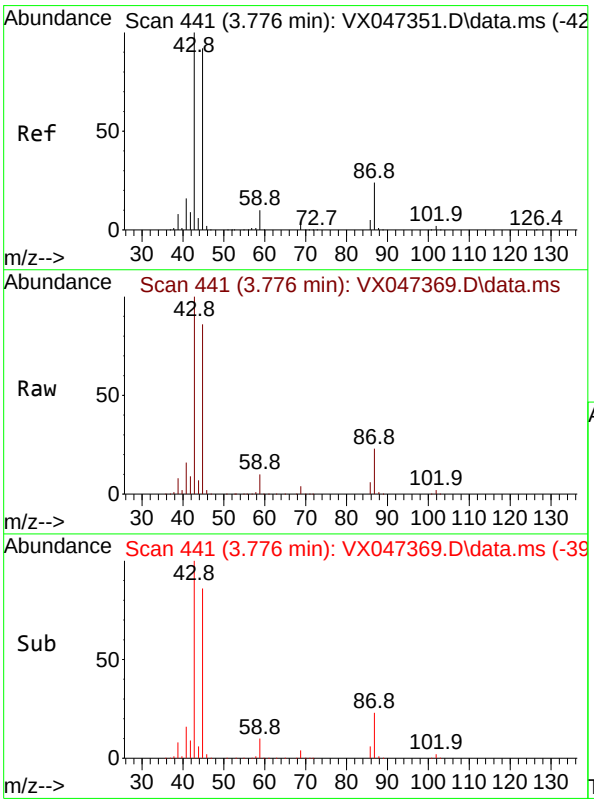
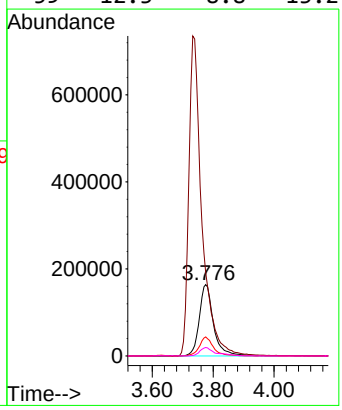
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

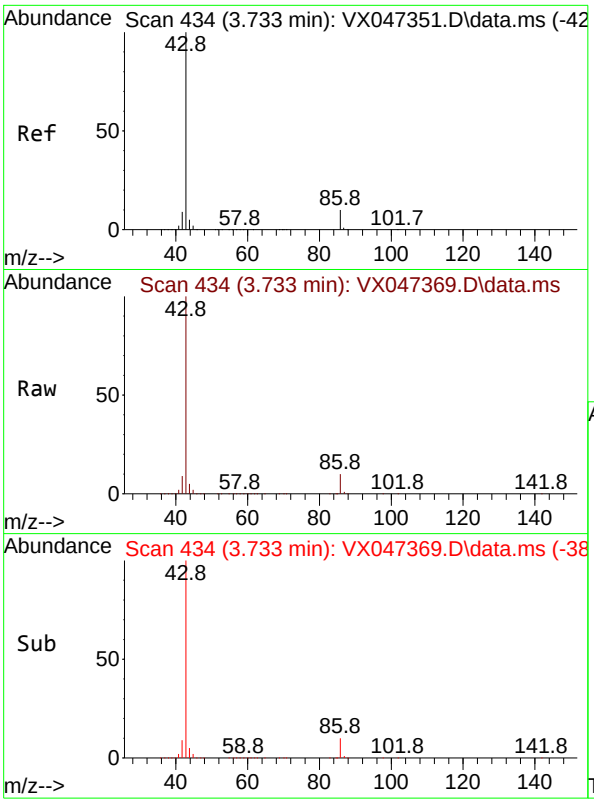


#22
Diisopropyl ether
Concen: 49.685 ug/l
RT: 3.776 min Scan# 441
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 45 Resp: 531257

Ion	Ratio	Lower	Upper
45	100		
43	116.2	86.8	130.2
87	26.6	20.4	30.6
59	12.3	8.8	13.2





#23
Vinyl Acetate
Concen: 251.356 ug/l
RT: 3.733 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 43 Resp: 220290

Ion	Ratio	Lower	Upper
43	100		
86	9.9	7.9	11.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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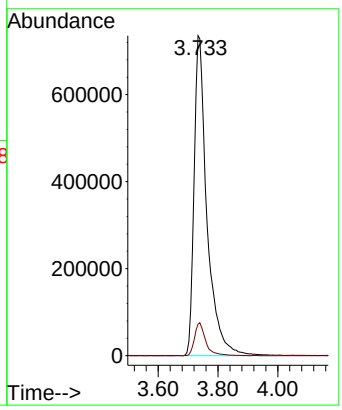
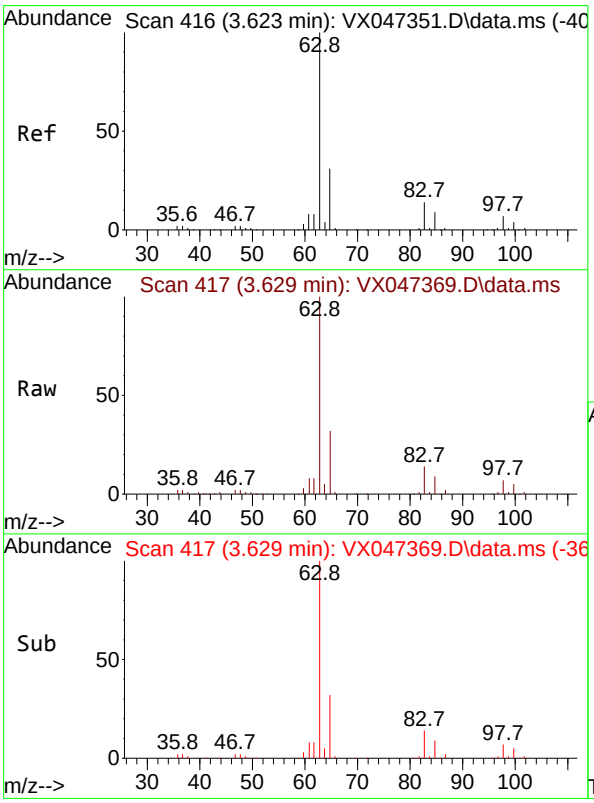
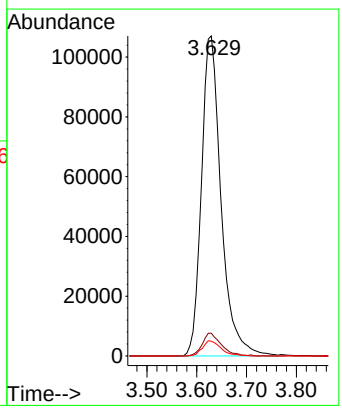


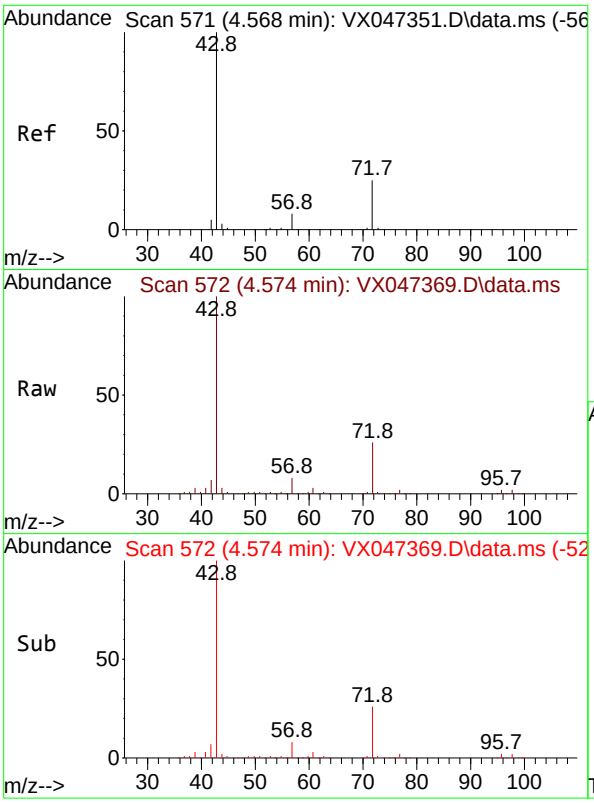


#24
1,1-Dichloroethane
Concen: 48.514 ug/l
RT: 3.629 min Scan# 417
Delta R.T. 0.006 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 63 Resp: 293208

Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.3	9.9
100	4.6	2.1	6.3





#25
2-Butanone
Concen: 257.259 ug/l
RT: 4.574 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 43 Resp: 43842

Ion	Ratio	Lower	Upper
43	100		
72	26.1	19.8	29.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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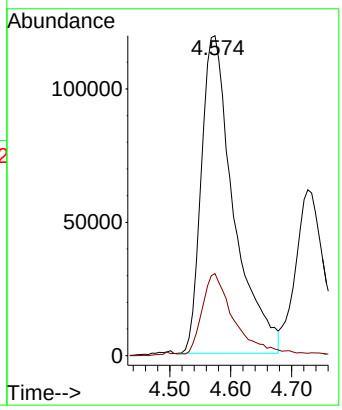
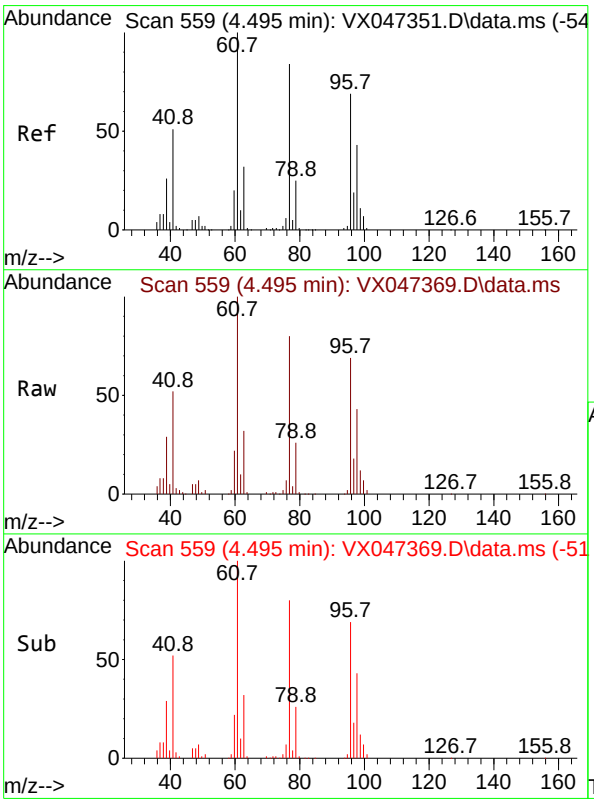
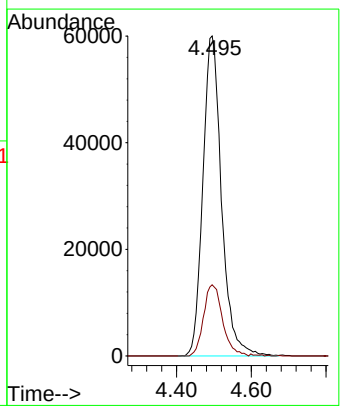


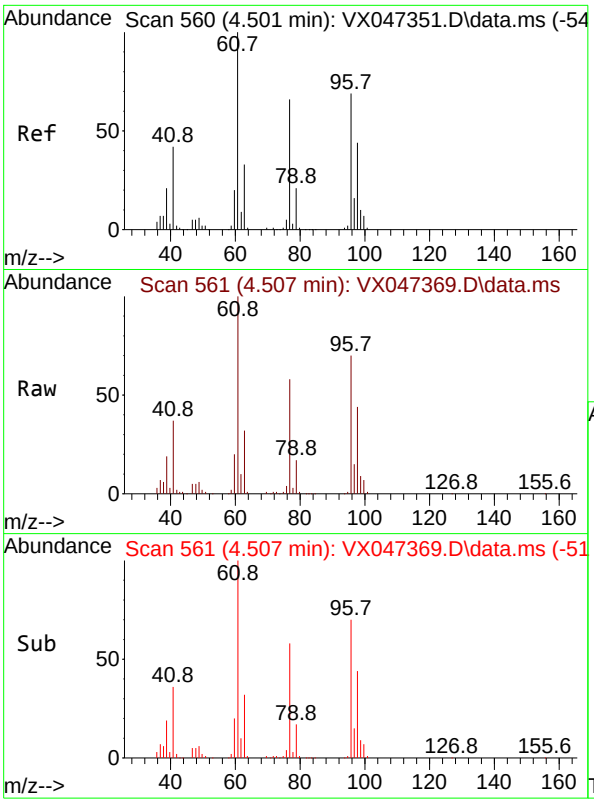


#26
2,2-Dichloropropane
Concen: 45.513 ug/l
RT: 4.495 min Scan# 559
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 77 Resp: 207612

Ion	Ratio	Lower	Upper
77	100		
97	22.6	11.4	34.1

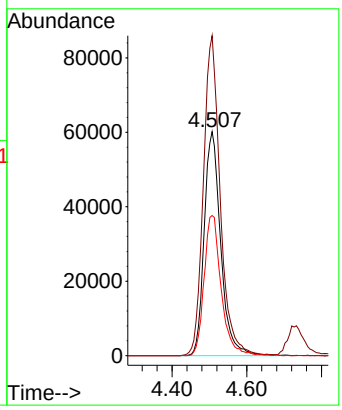




#27
cis-1,2-Dichloroethene
Concen: 47.944 ug/l
RT: 4.507 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 96 Resp: 18458

Ion	Ratio	Lower	Upper
96	100		
61	145.9	0.0	296.6
98	64.7	0.0	130.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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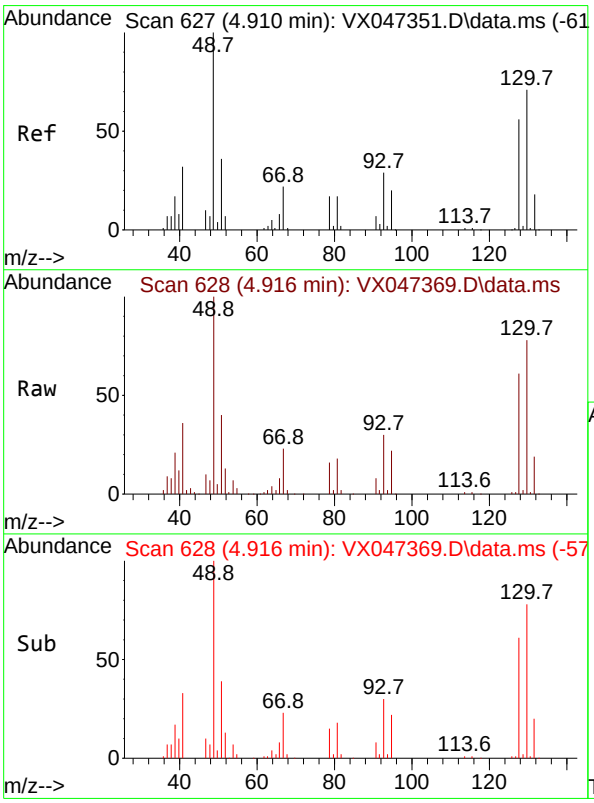
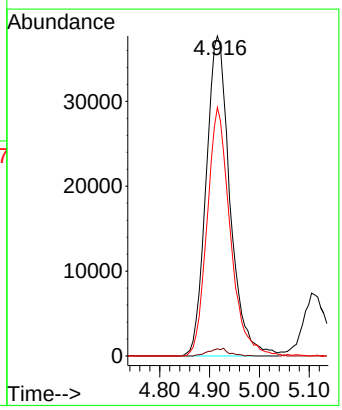
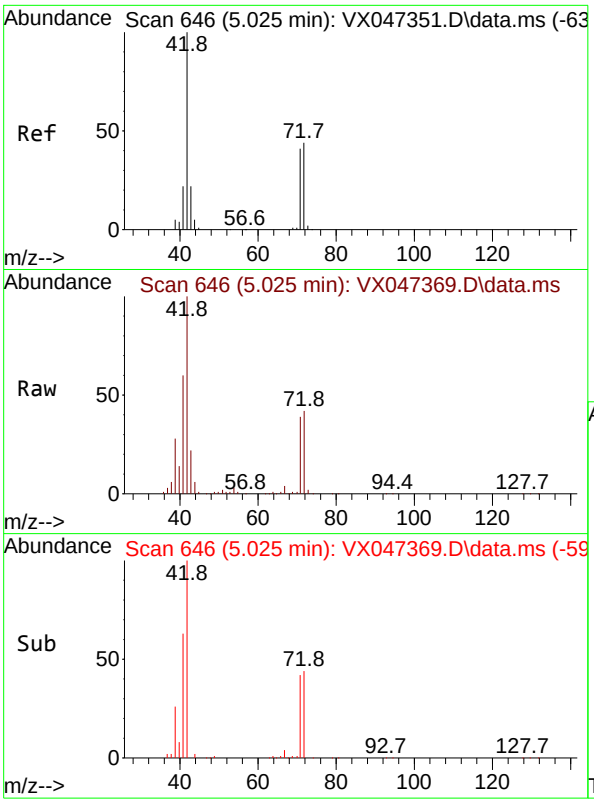


#28
Bromochloromethane
Concen: 49.836 ug/l
RT: 4.916 min Scan# 628
Delta R.T. 0.006 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 49 Resp: 125336

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	75.2	59.8	89.6





#29
Tetrahydrofuran
Concen: 260.079 ug/l
RT: 5.025 min Scan# 64
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 42 Resp: 28647

Ion	Ratio	Lower	Upper
42	100		
72	43.3	34.6	51.8
71	39.6	32.6	49.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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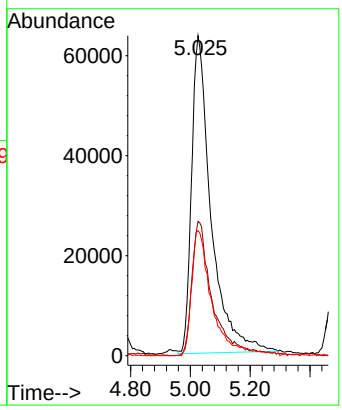
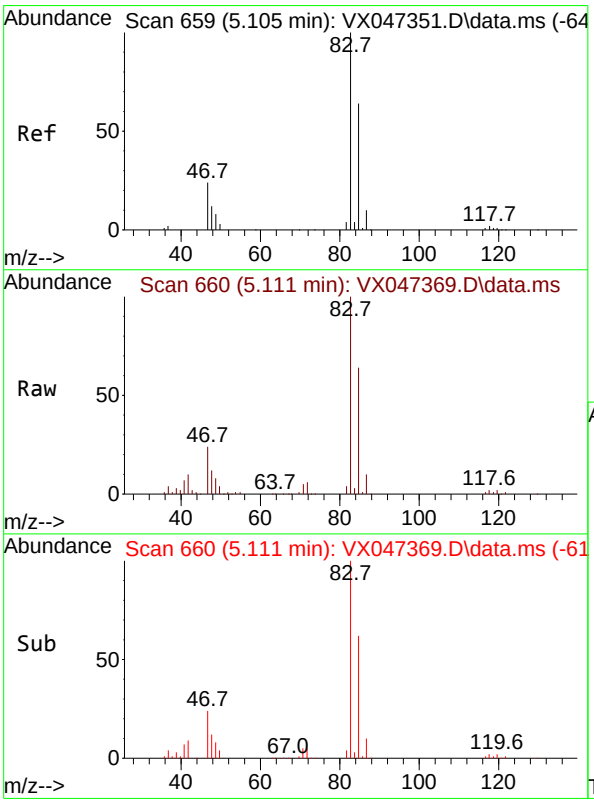
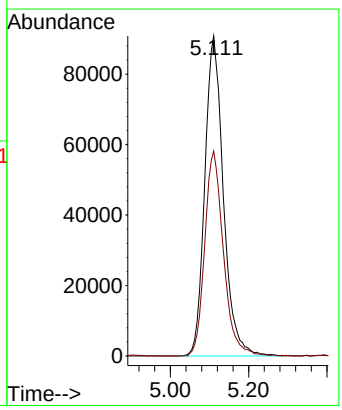


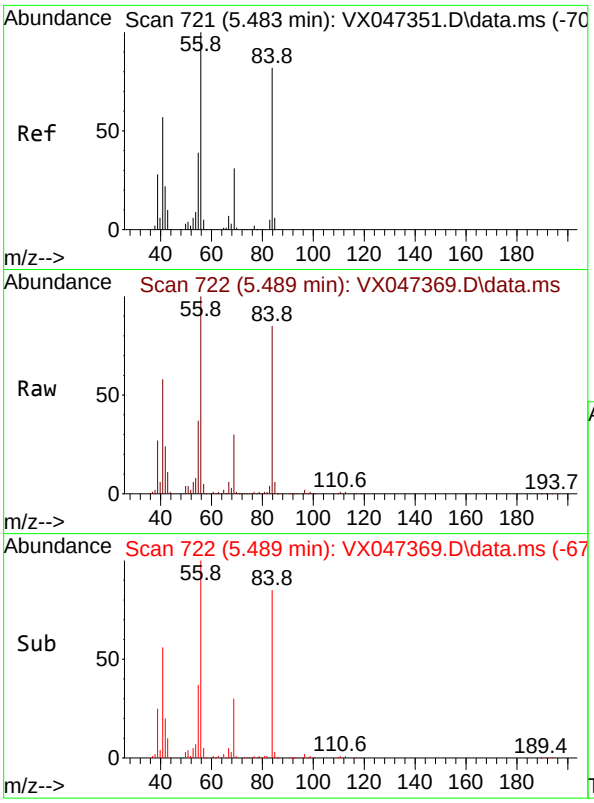


#30
Chloroform
Concen: 48.462 ug/l
RT: 5.111 min Scan# 660
Delta R.T. 0.006 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 83 Resp: 298914

Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.2	76.8

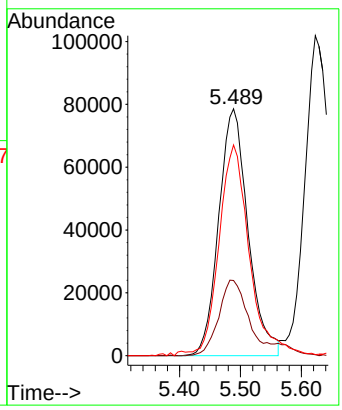




#31
Cyclohexane
Concen: 47.193 ug/l
RT: 5.489 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 56 Resp: 26292

Ion	Ratio	Lower	Upper
56	100		
69	30.5	24.3	36.5
84	83.7	65.3	97.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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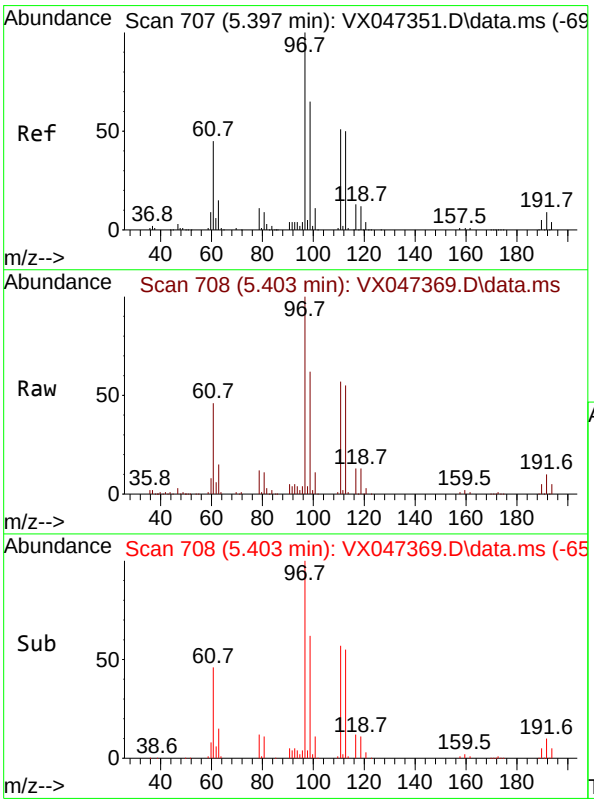
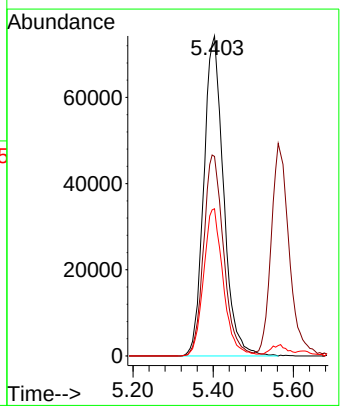
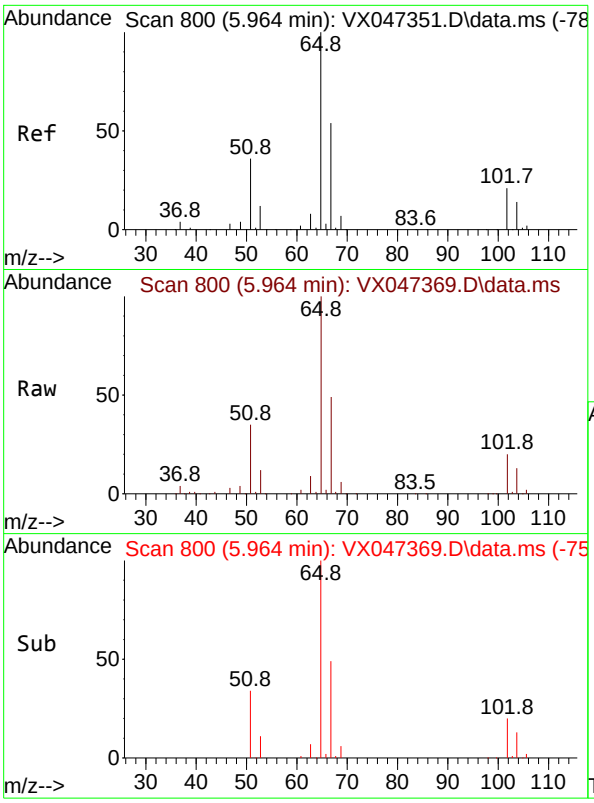


#32
1,1,1-Trichloroethane
Concen: 47.814 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 97 Resp: 253848

Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.4	77.0
61	45.8	35.7	53.5

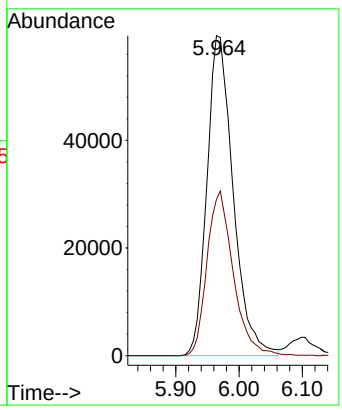




#33
1,2-Dichloroethane-d4
Concen: 49.507 ug/l
RT: 5.964 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 65 Resp: 17138

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	106.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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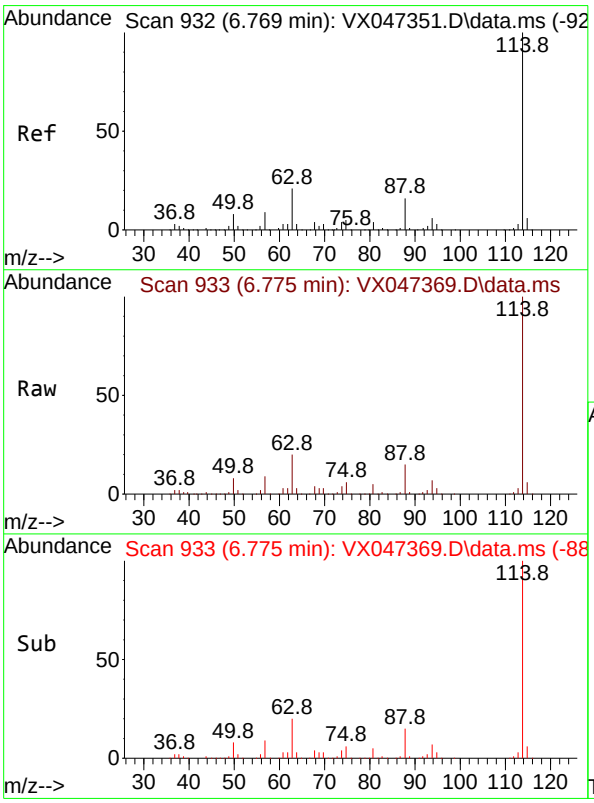
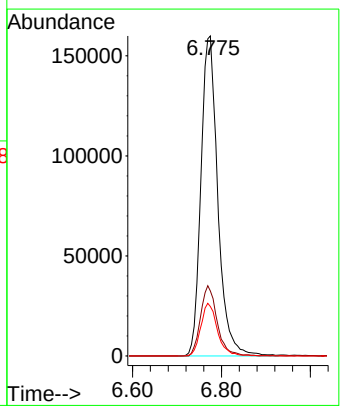
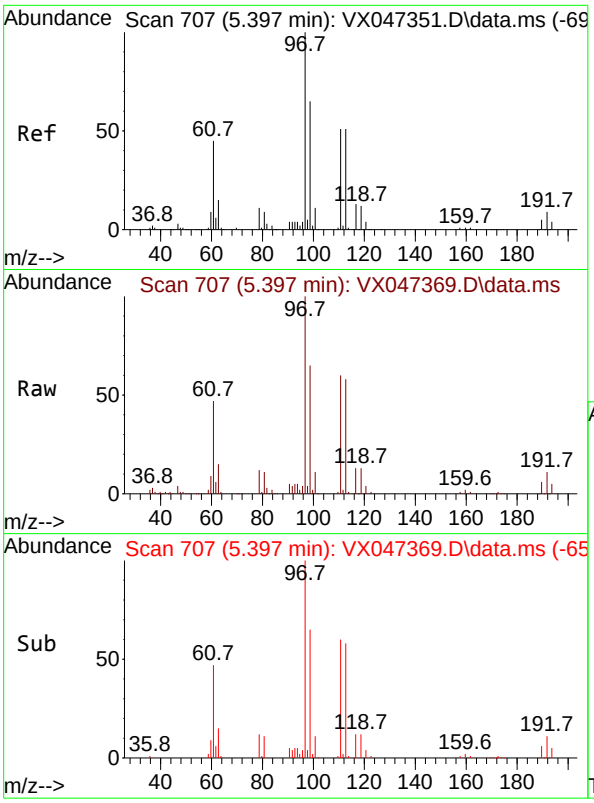


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 933
Delta R.T. 0.006 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion:114 Resp: 423716

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	42.4
88	15.5	0.0	33.0

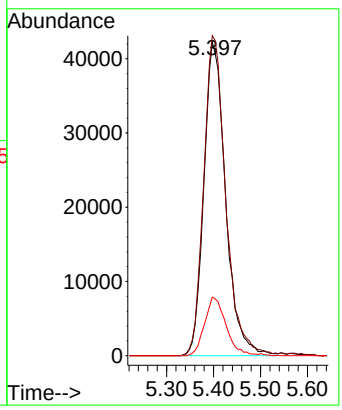




#35
Dibromofluoromethane
Concen: 49.327 ug/l
RT: 5.397 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion:113 Resp: 13564

Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.4	122.2
192	18.4	14.1	21.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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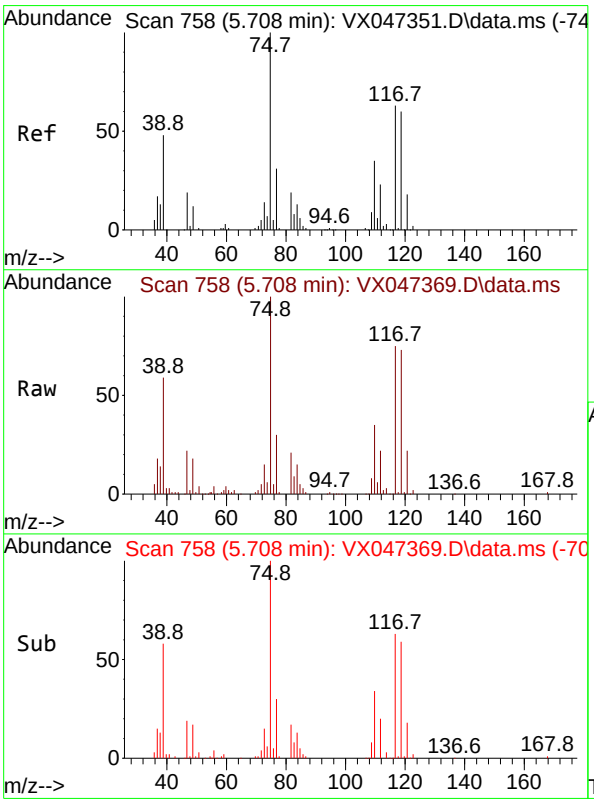
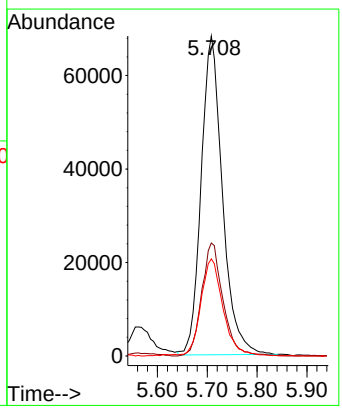
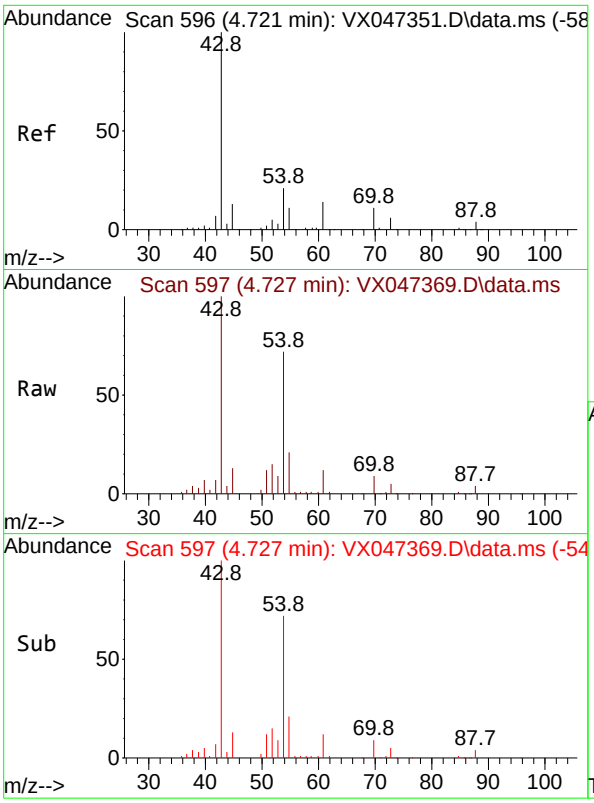


#36
1,1-Dichloropropene
Concen: 46.638 ug/l
RT: 5.708 min Scan# 758
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 75 Resp: 202458

Ion	Ratio	Lower	Upper
75	100		
110	35.6	17.4	52.2
77	31.6	24.4	36.6





#37
Ethyl Acetate
Concen: 49.446 ug/l
RT: 4.727 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 43 Resp: 22283

Ion	Ratio	Lower	Upper
43	100		
61	11.5	9.4	14.2
70	8.8	7.0	10.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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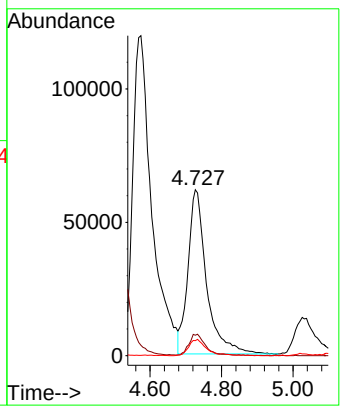
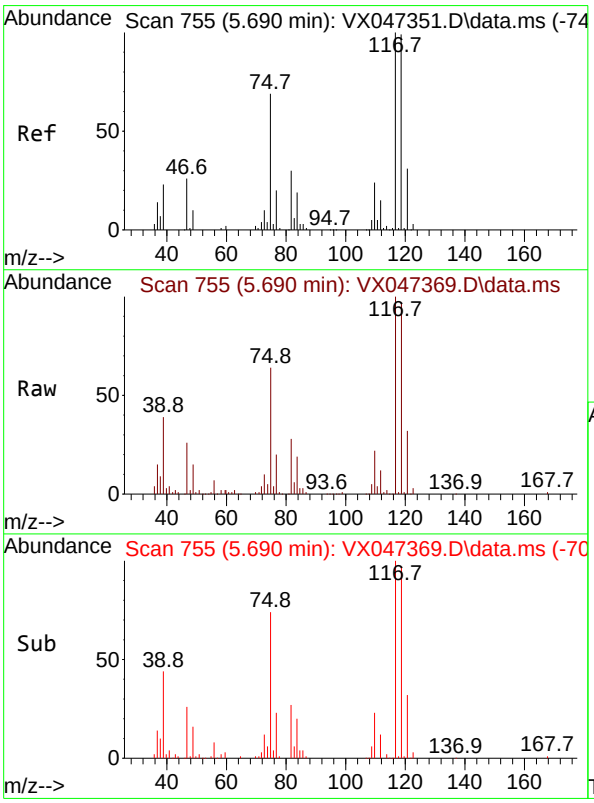
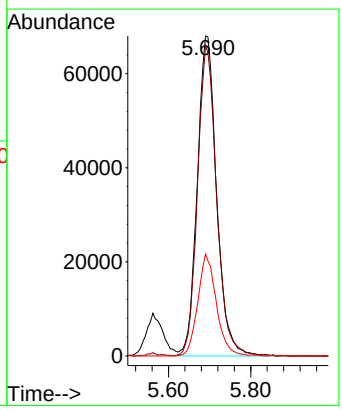


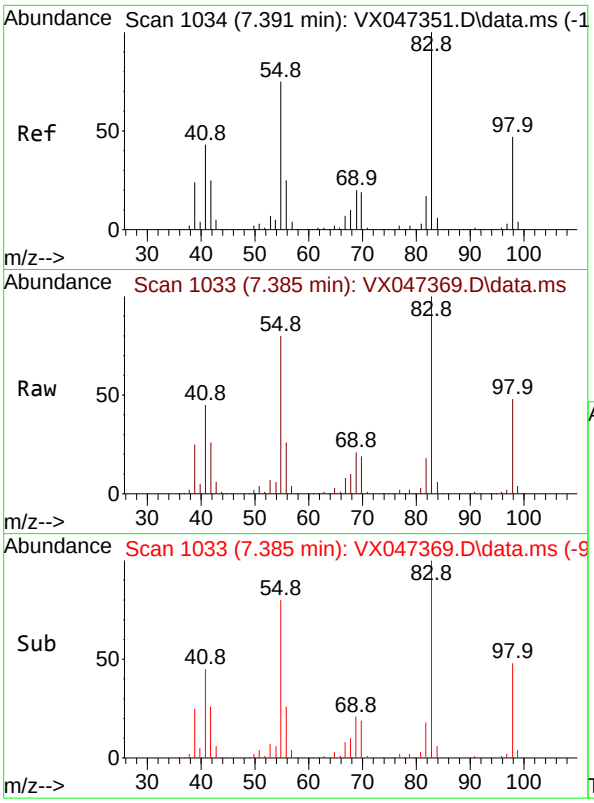


#38
Carbon Tetrachloride
Concen: 46.894 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion:117 Resp: 222454

Ion	Ratio	Lower	Upper
117	100		
119	97.0	78.5	117.7
121	31.9	24.7	37.1





#39
Methylcyclohexane
Concen: 46.834 ug/l
RT: 7.385 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 83 Resp: 25359

Ion	Ratio	Lower	Upper
83	100		
55	79.7	60.0	90.0
98	47.8	37.2	55.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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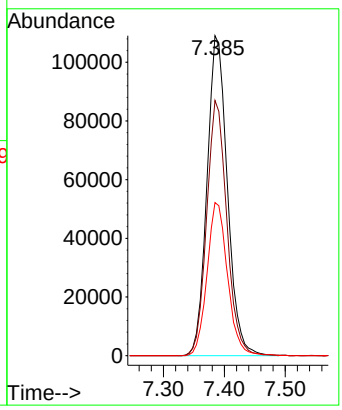
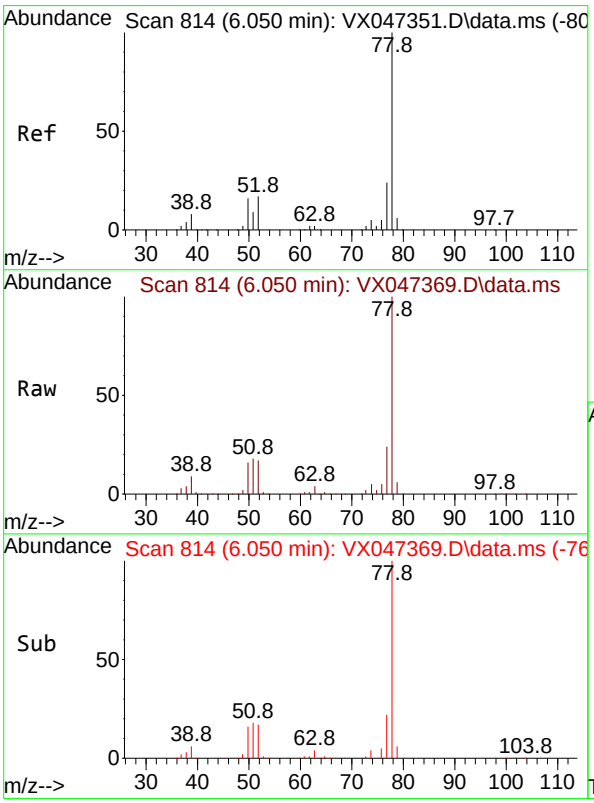
Supervised By :Mahesh Dadoda 08/19/2025

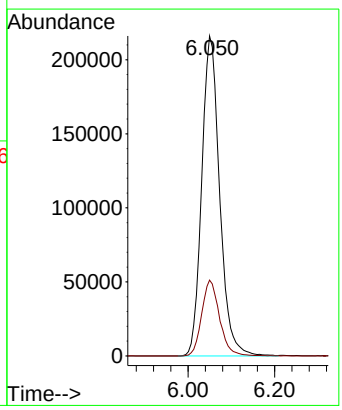


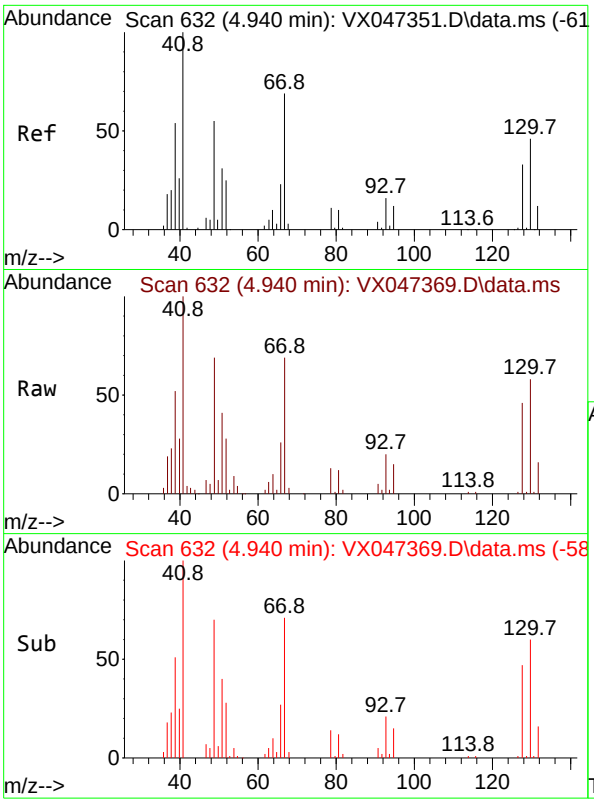


#40
Benzene
Concen: 47.793 ug/l
RT: 6.050 min Scan# 814
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 78 Resp: 621000

Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.4

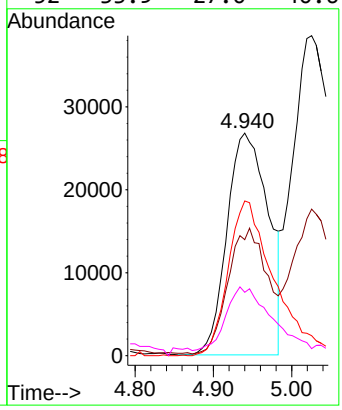




#41
Methacrylonitrile
Concen: 51.686 ug/l
RT: 4.940 min Scan# 6
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 41 Resp: 9822

Ion	Ratio	Lower	Upper
41	100		
39	53.9	45.4	68.2
67	79.7	64.0	96.0
52	33.9	27.0	40.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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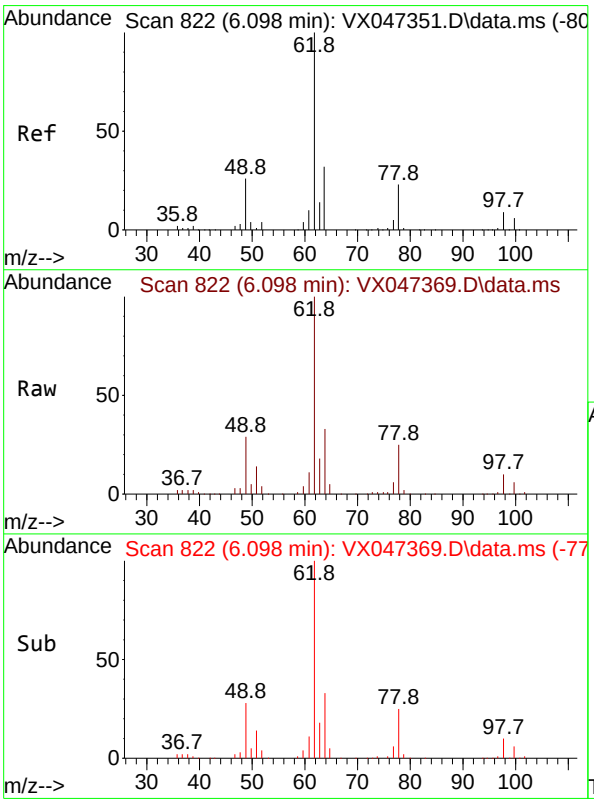
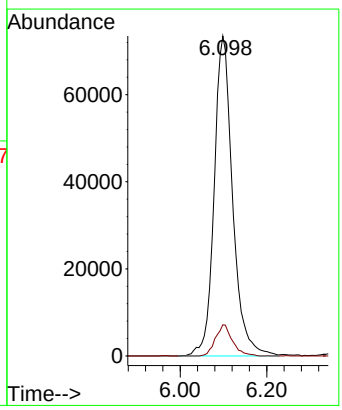
Supervised By :Mahesh Dadoda 08/19/2025

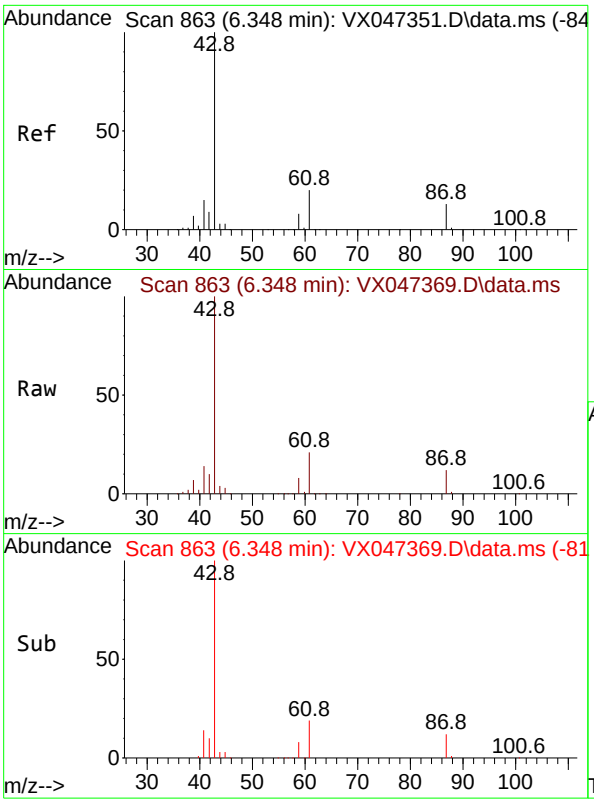


#42
1,2-Dichloroethane
Concen: 47.354 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 62 Resp: 217943

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.0

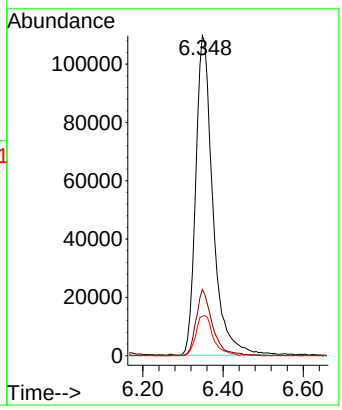




#43
Isopropyl Acetate
Concen: 50.253 ug/l
RT: 6.348 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 43 Resp: 32534

Ion	Ratio	Lower	Upper
43	100		
61	19.7	15.4	23.0
87	12.7	10.2	15.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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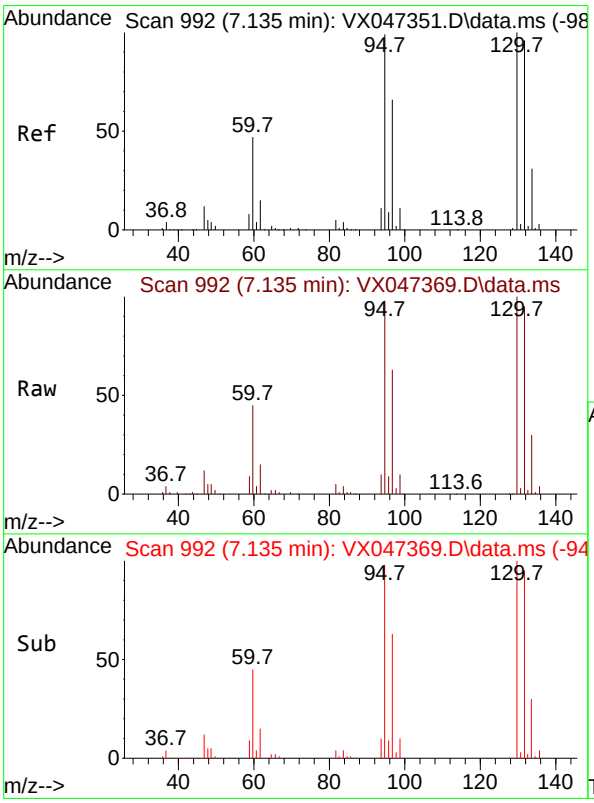
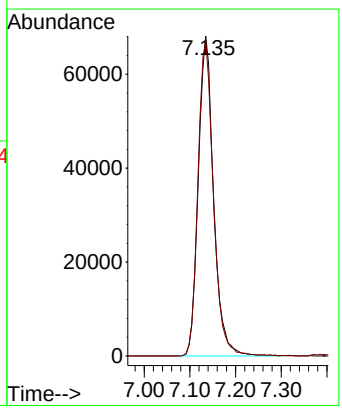
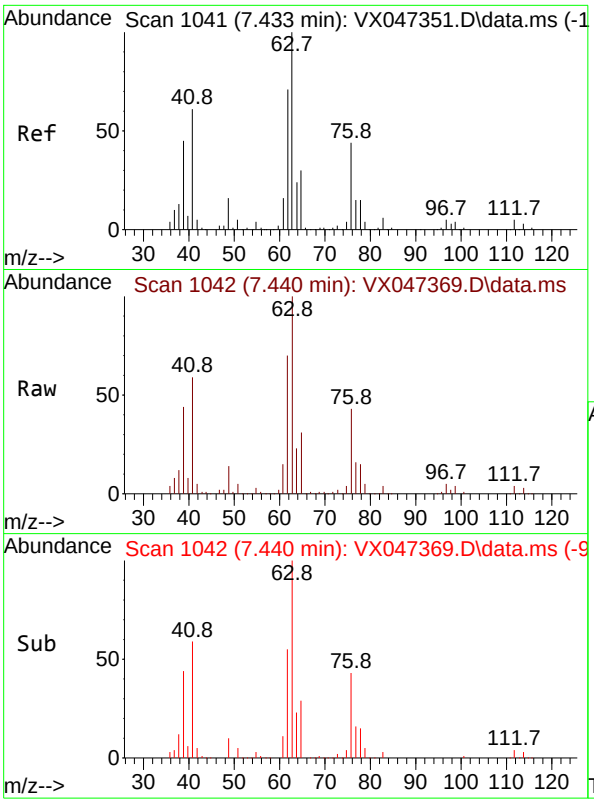


#44
Trichloroethene
Concen: 47.495 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion:130 Resp: 158017

Ion	Ratio	Lower	Upper
130	100		
95	98.4	0.0	198.6





#45
1,2-Dichloropropane
Concen: 47.602 ug/l
RT: 7.440 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 63 Resp: 15495

Ion	Ratio	Lower	Upper
63	100		
65	31.2	23.8	35.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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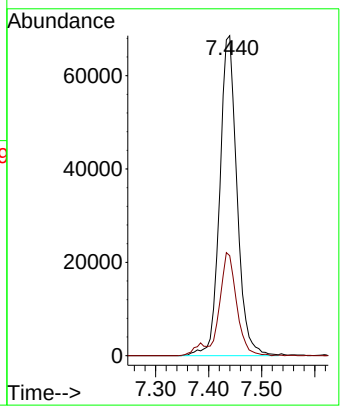
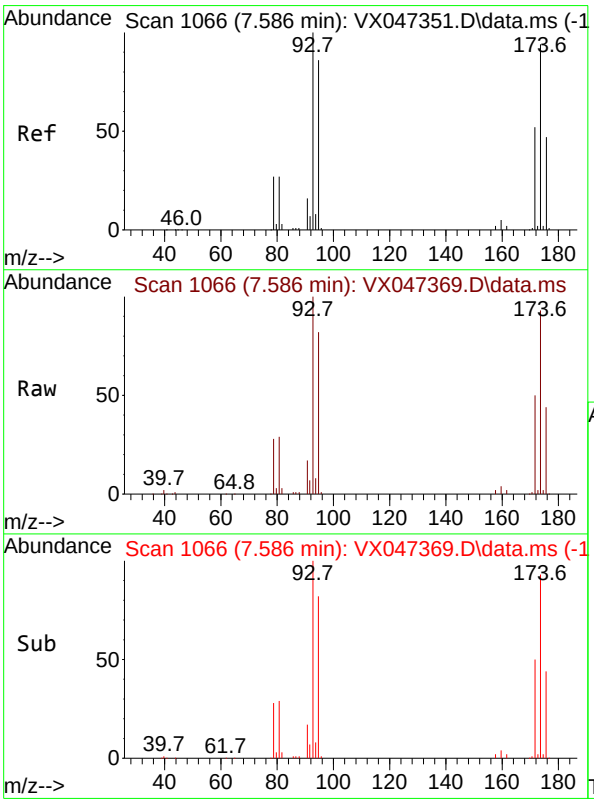
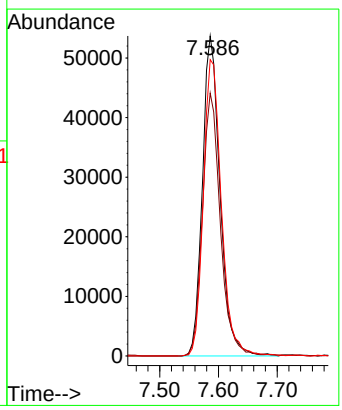


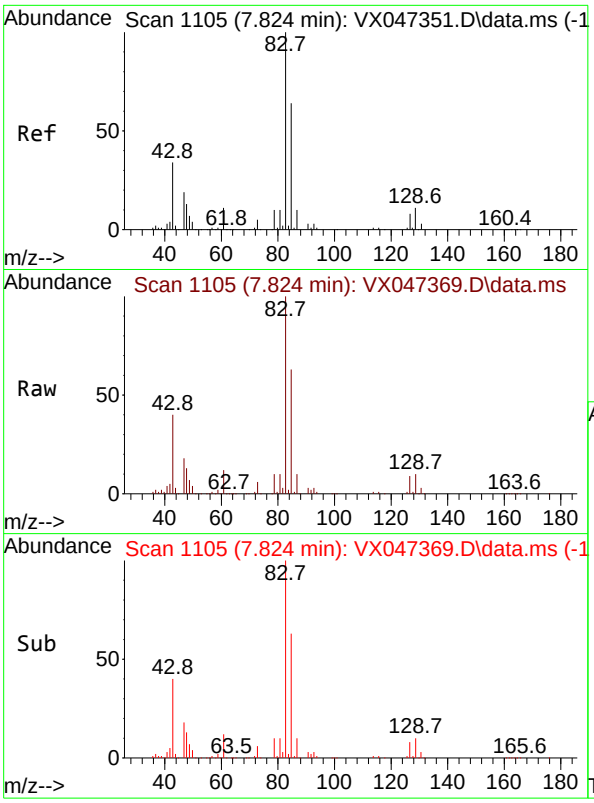


#46
Dibromomethane
Concen: 47.466 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 93 Resp: 112171

Ion	Ratio	Lower	Upper
93	100		
95	83.4	68.0	102.0
174	94.6	75.8	113.6

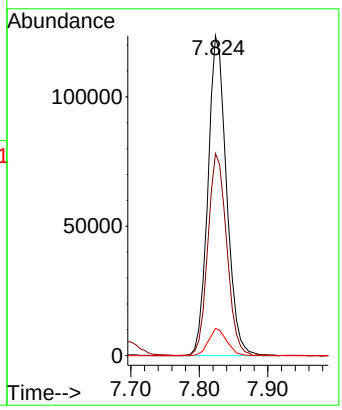




#47
Bromodichloromethane
Concen: 47.537 ug/l
RT: 7.824 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 83 Resp: 23289

Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.0	76.6
127	8.5	7.0	10.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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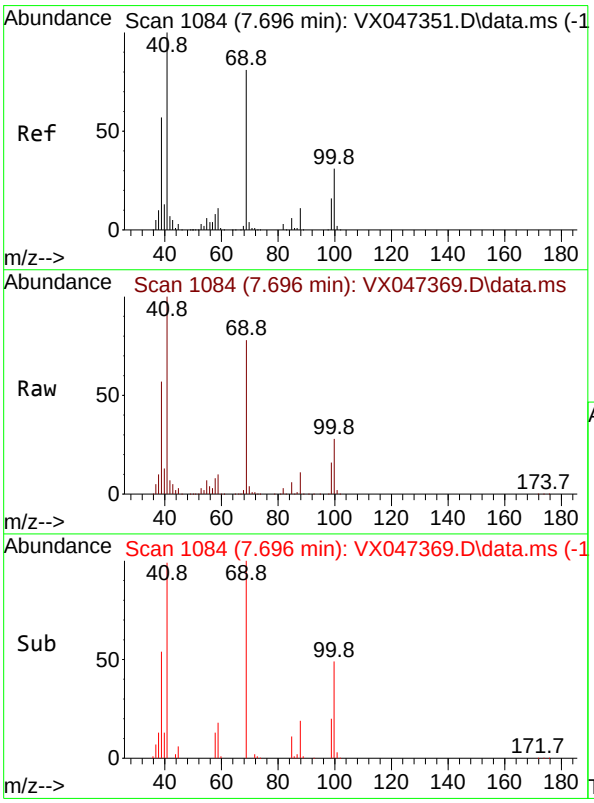
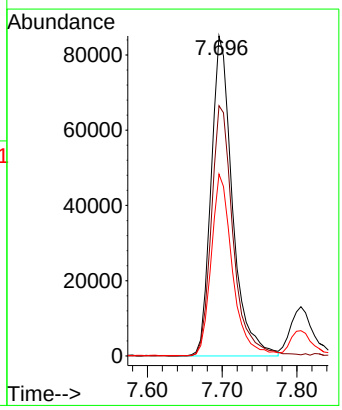
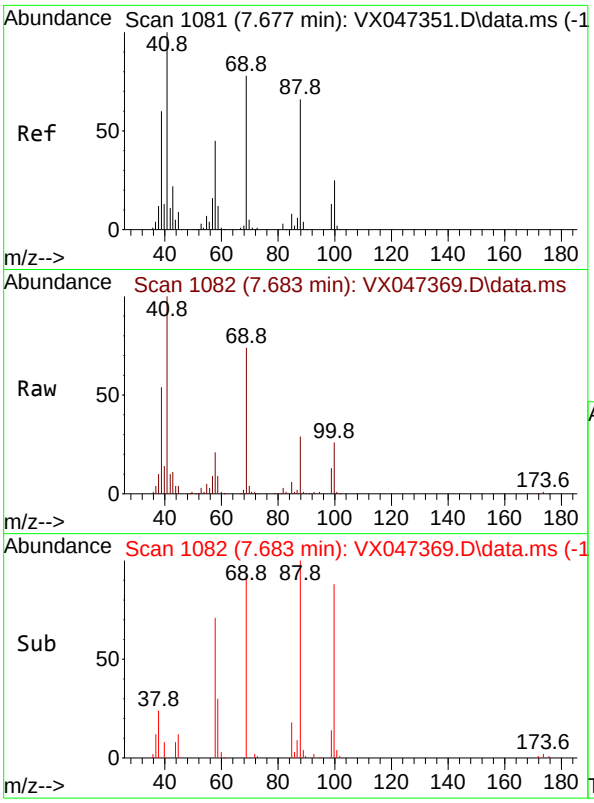


#48
Methyl methacrylate
Concen: 50.235 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 41 Resp: 168816

Ion	Ratio	Lower	Upper
41	100		
69	80.0	65.0	97.4
39	56.0	45.7	68.5





#49
1,4-Dioxane
Concen: 943.476 ug/l
RT: 7.683 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 88 Resp: 3082

Ion	Ratio	Lower	Upper
88	100		
43	41.8	32.4	48.6
58	73.9	56.9	85.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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Reviewed By :John Carlone 08/18/2025
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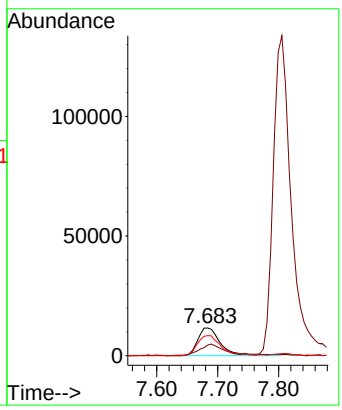
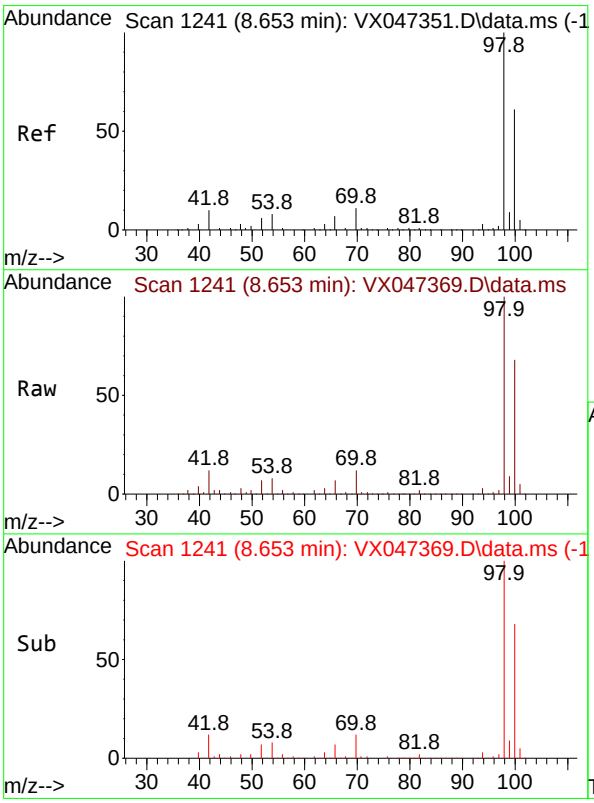
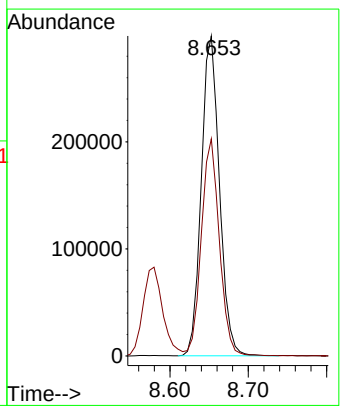


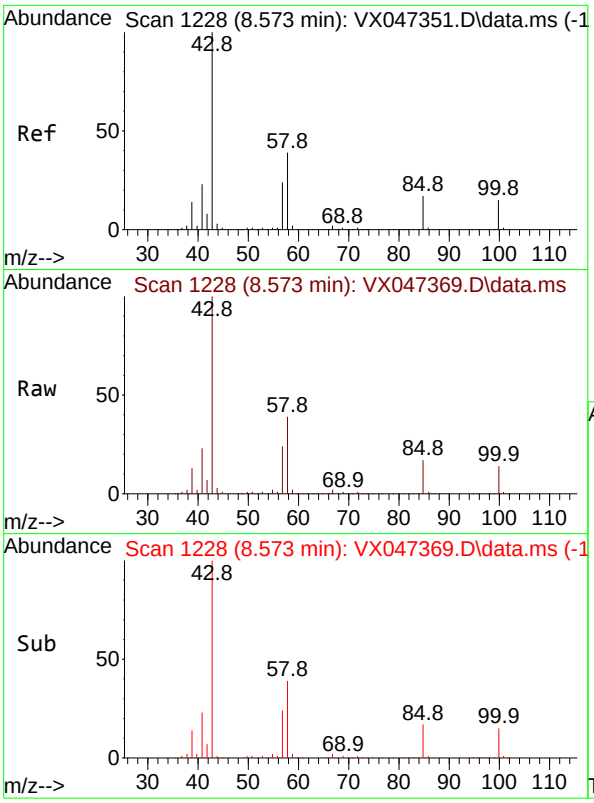


#50
Toluene-d8
Concen: 48.689 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 98 Resp: 478569

Ion	Ratio	Lower	Upper
98	100		
100	67.7	53.9	80.9





#51
4-Methyl-2-Pentanone
Concen: 264.515 ug/l
RT: 8.573 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 43 Resp: 98548

Ion	Ratio	Lower	Upper
43	100		
58	38.3	31.2	46.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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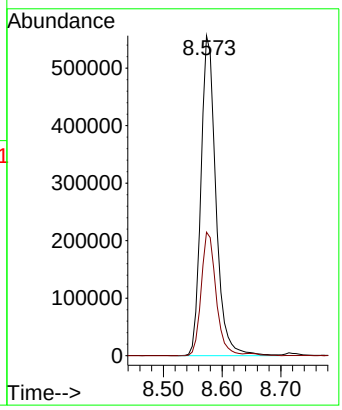
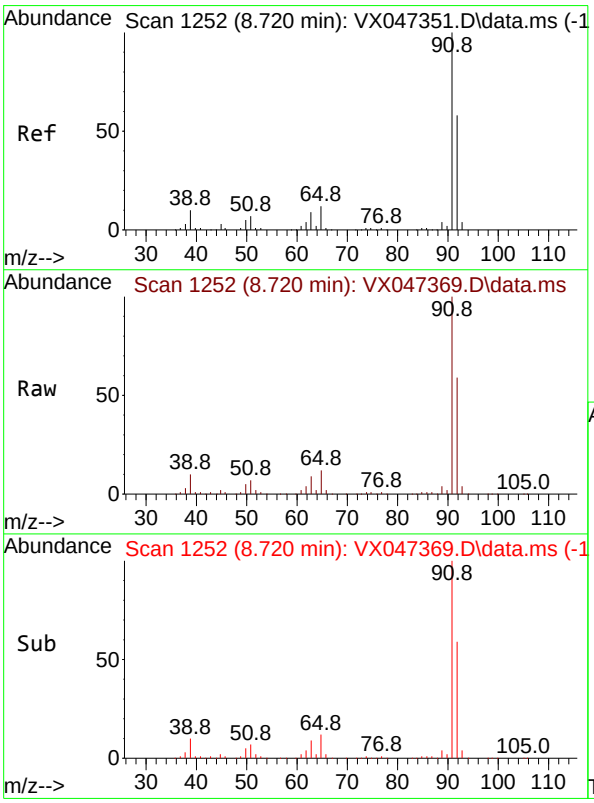
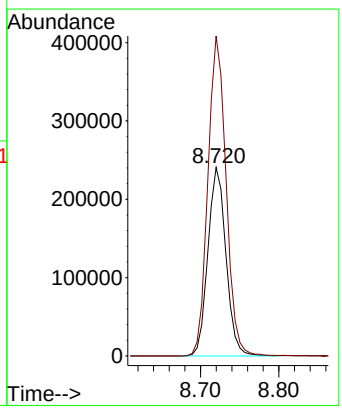


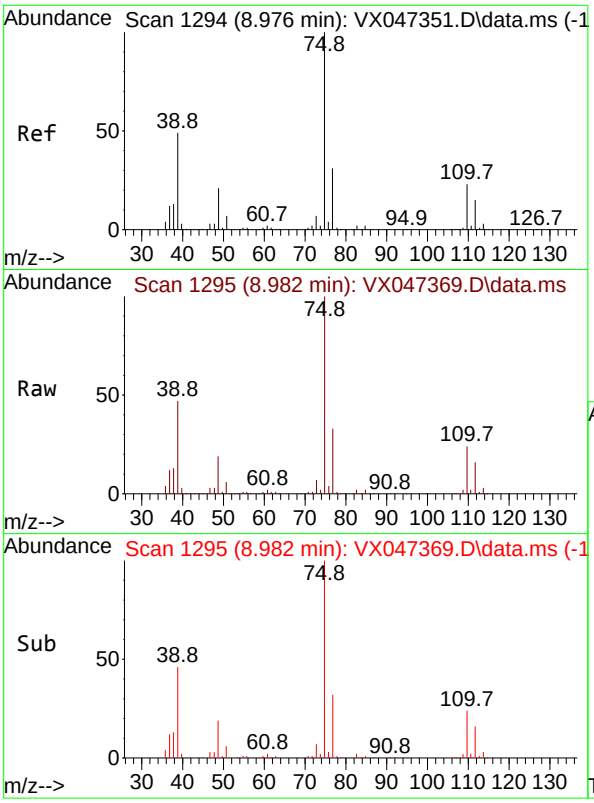


#52
Toluene
Concen: 47.956 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 92 Resp: 385041

Ion	Ratio	Lower	Upper
92	100		
91	171.2	136.3	204.5

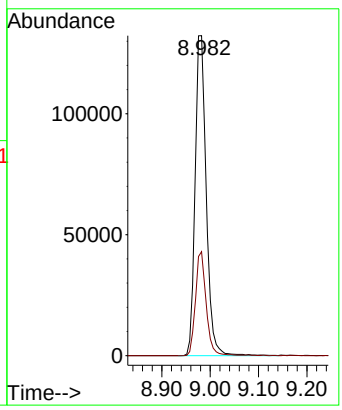




#53
t-1,3-Dichloropropene
Concen: 49.301 ug/l
RT: 8.982 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 75 Resp: 21080

Ion	Ratio	Lower	Upper
75	100		
77	32.5	24.7	37.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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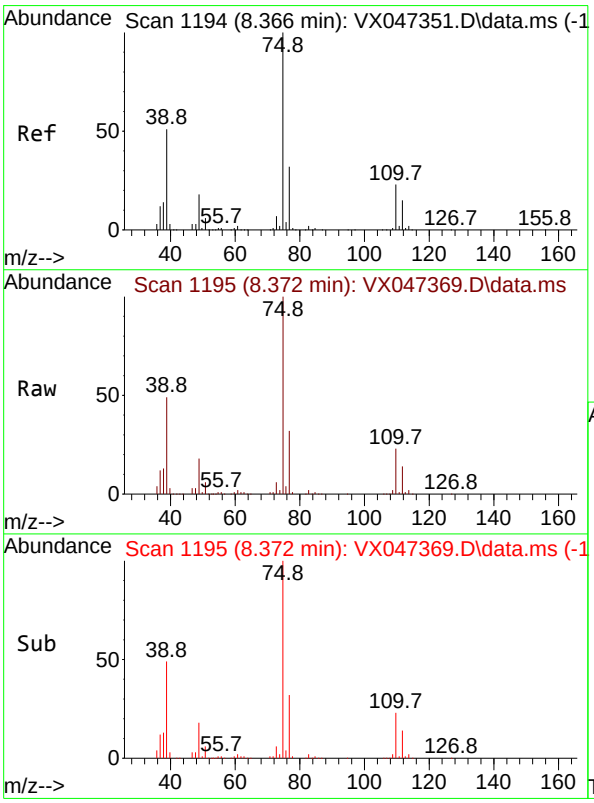
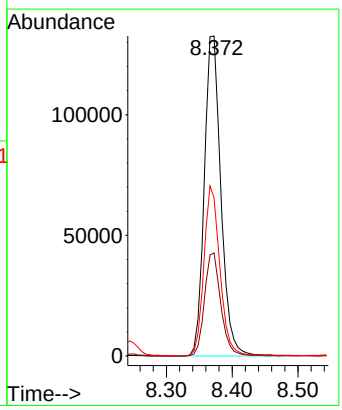
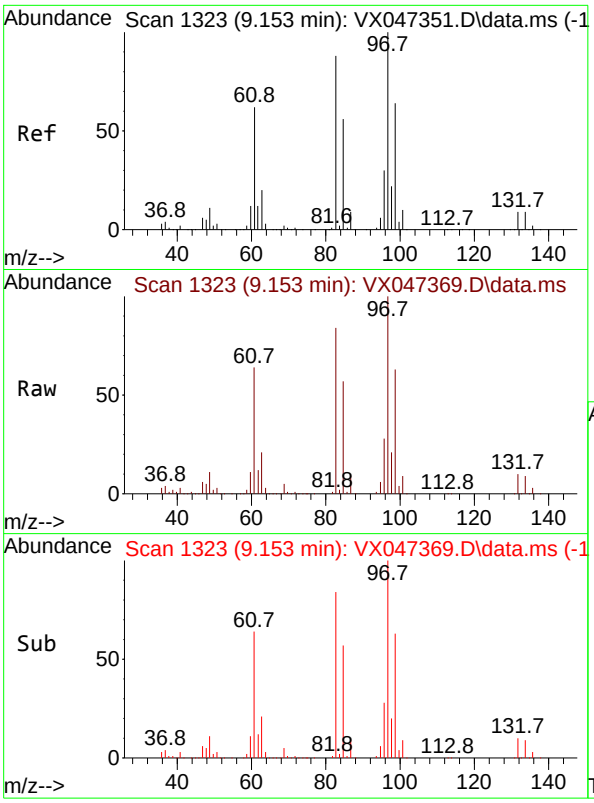


#54
cis-1,3-Dichloropropene
Concen: 48.275 ug/l
RT: 8.372 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 75 Resp: 233636

Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.6	38.4
39	49.3	40.9	61.3

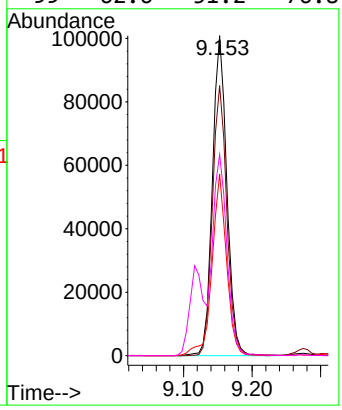




#55
1,1,2-Trichloroethane
Concen: 48.406 ug/l
RT: 9.153 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 97 Resp: 14756

Ion	Ratio	Lower	Upper
97	100		
83	84.4	70.6	106.0
85	56.7	44.7	67.1
99	62.6	51.2	76.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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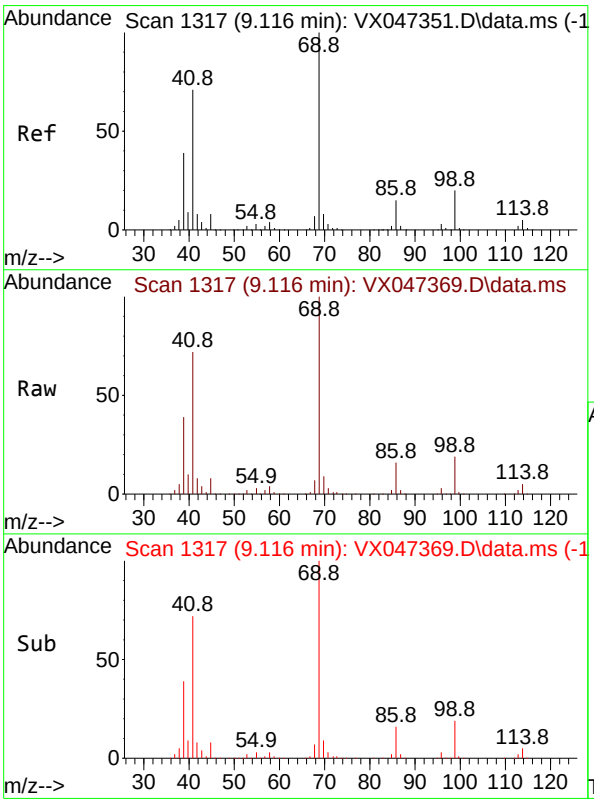
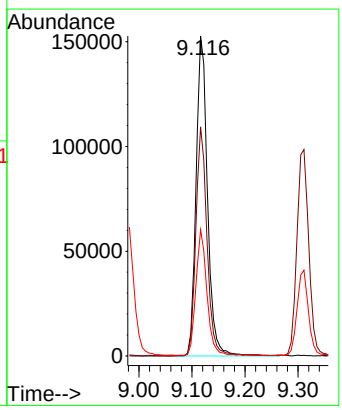
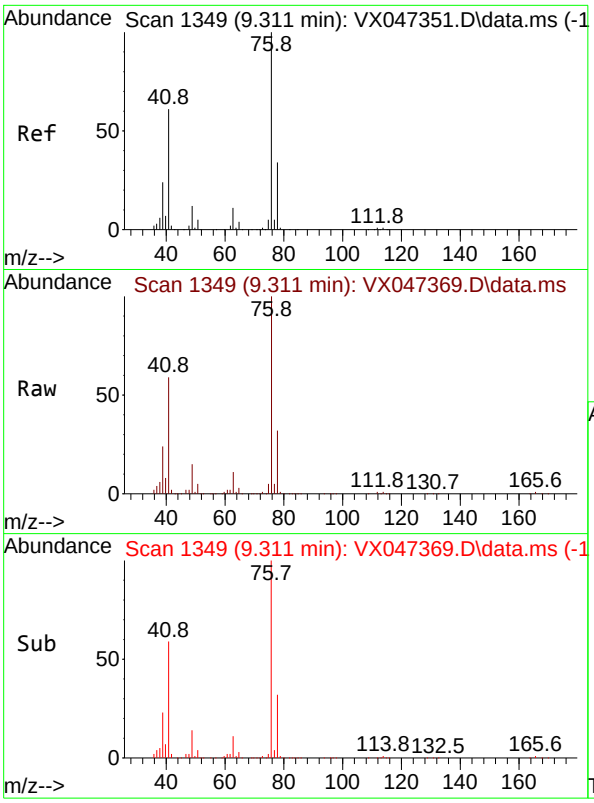


#56
Ethyl methacrylate
Concen: 50.873 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 69 Resp: 228646

Ion	Ratio	Lower	Upper
69	100		
41	70.6	55.3	82.9
39	38.2	30.2	45.2





#57
1,3-Dichloropropane
Concen: 48.422 ug/l
RT: 9.311 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 76 Resp: 25152

Ion	Ratio	Lower	Upper
76	100		
78	32.3	26.2	39.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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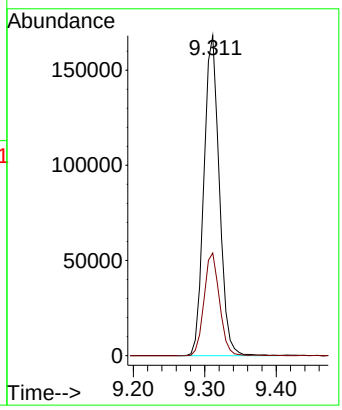
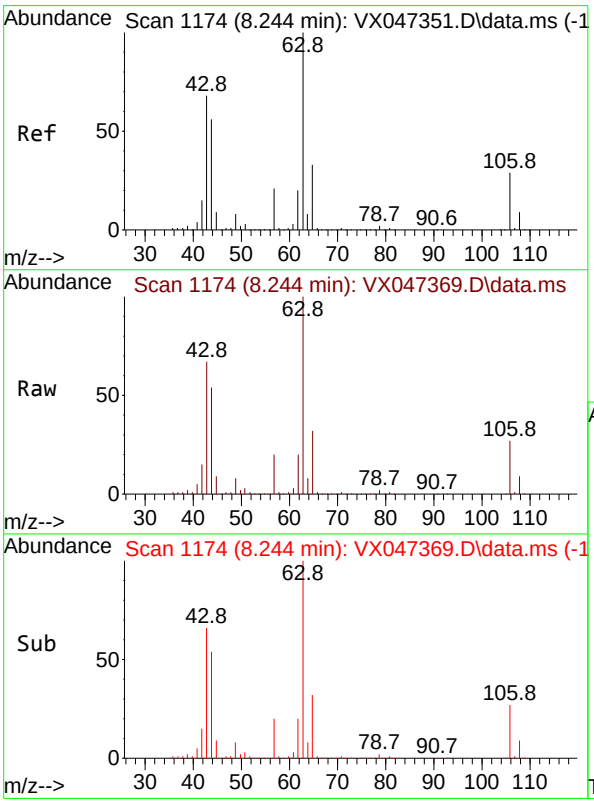
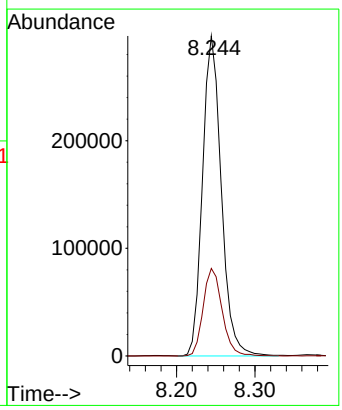


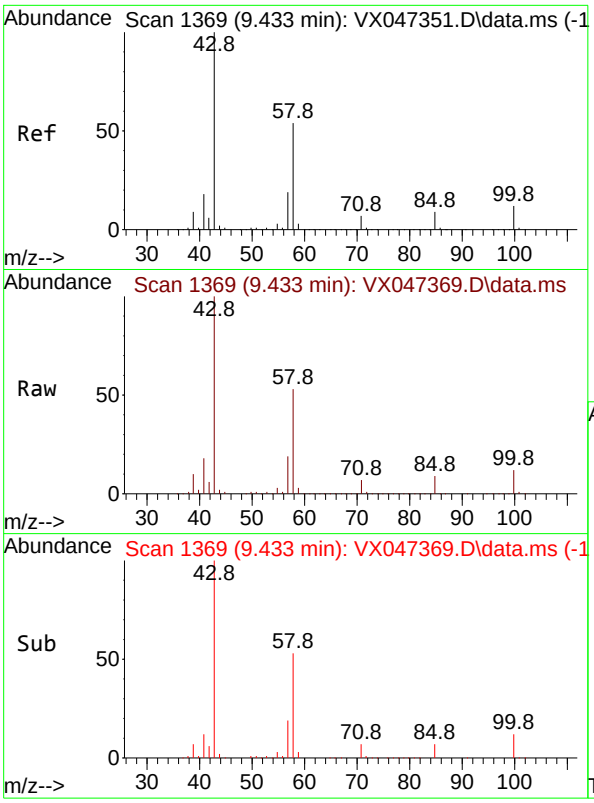


#58
2-Chloroethyl Vinyl ether
Concen: 231.506 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 63 Resp: 495476

Ion	Ratio	Lower	Upper
63	100		
106	27.6	22.8	34.2





#59
2-Hexanone
Concen: 263.424 ug/l
RT: 9.433 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 43 Resp: 67886

Ion	Ratio	Lower	Upper
43	100		
58	53.5	26.9	80.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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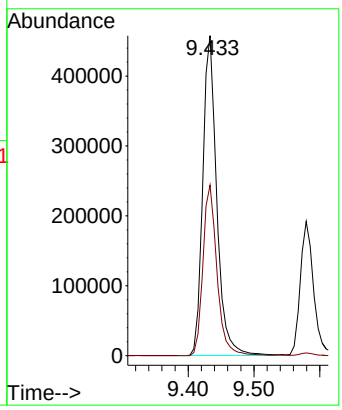
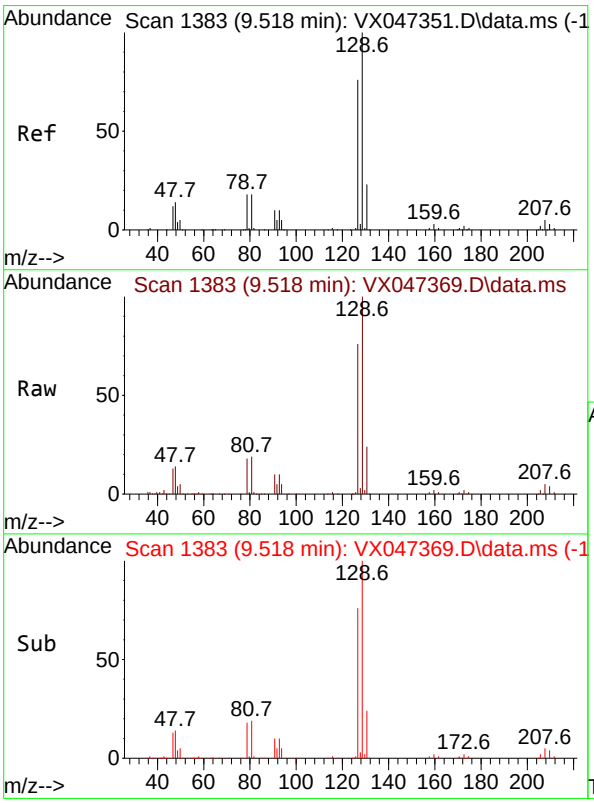
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

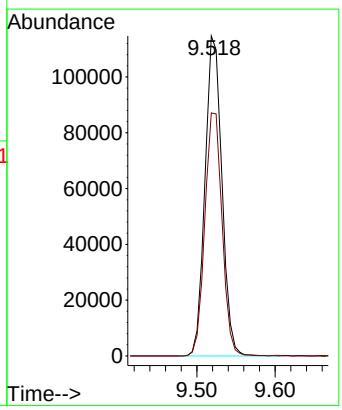


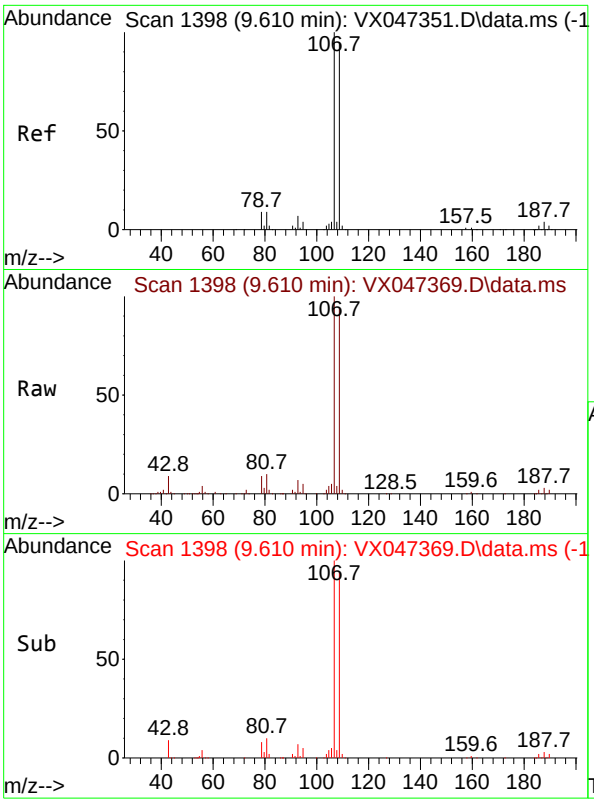


#60
Dibromochloromethane
Concen: 47.350 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion:129 Resp: 171539

Ion	Ratio	Lower	Upper
129	100		
127	77.7	38.9	116.6

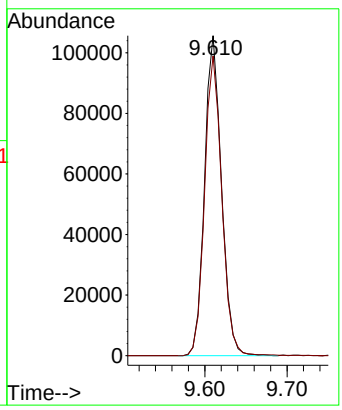




#61
1,2-Dibromoethane
Concen: 48.044 ug/l
RT: 9.610 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion:107 Resp: 15102

Ion	Ratio	Lower	Upper
107	100		
109	95.4	76.2	114.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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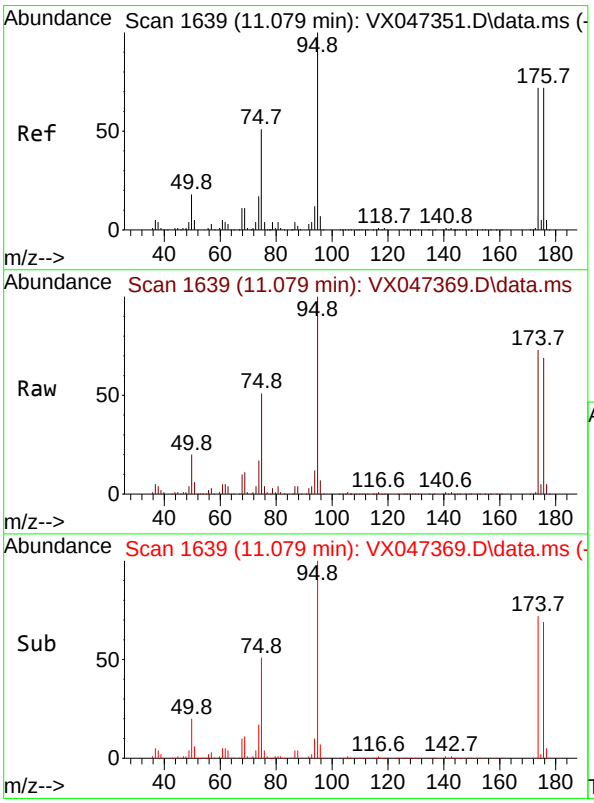
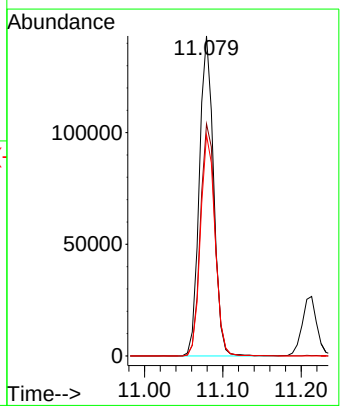
Supervised By :Mahesh Dadoda 08/19/2025

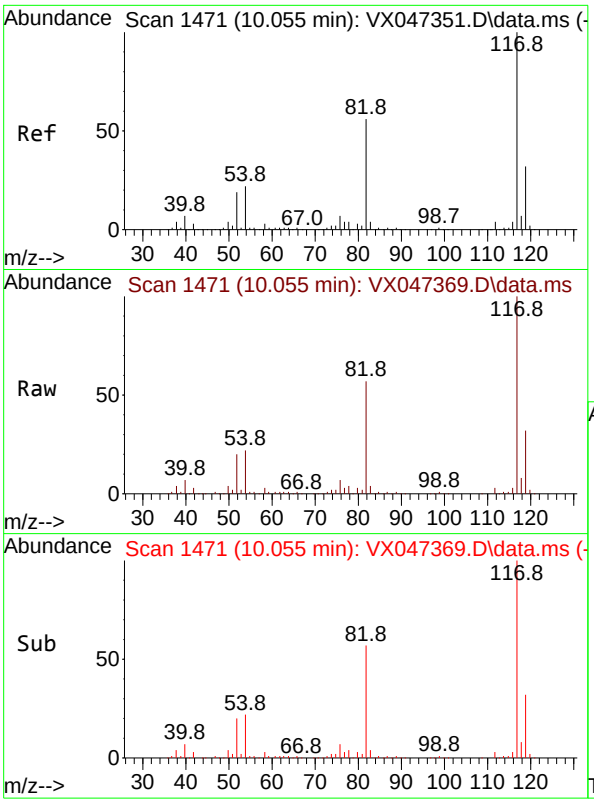


#62
4-Bromofluorobenzene
Concen: 49.860 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 95 Resp: 180848

Ion	Ratio	Lower	Upper
95	100		
174	74.6	0.0	148.0
176	70.6	0.0	145.4

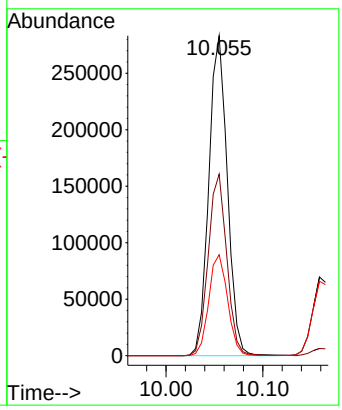




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion:117 Resp: 37712

Ion	Ratio	Lower	Upper
117	100		
82	56.8	45.0	67.4
119	31.6	25.8	38.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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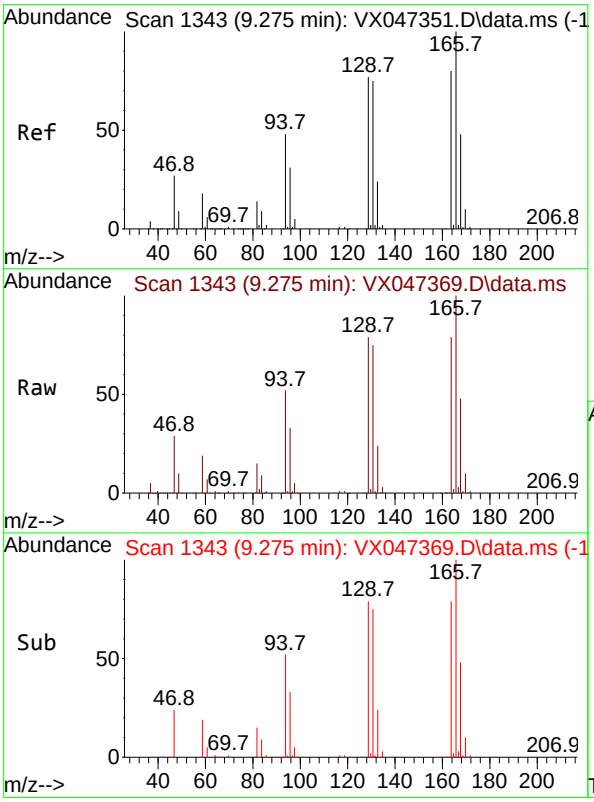
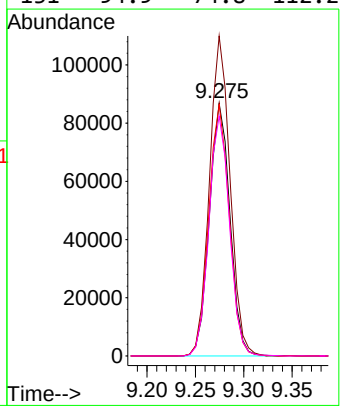
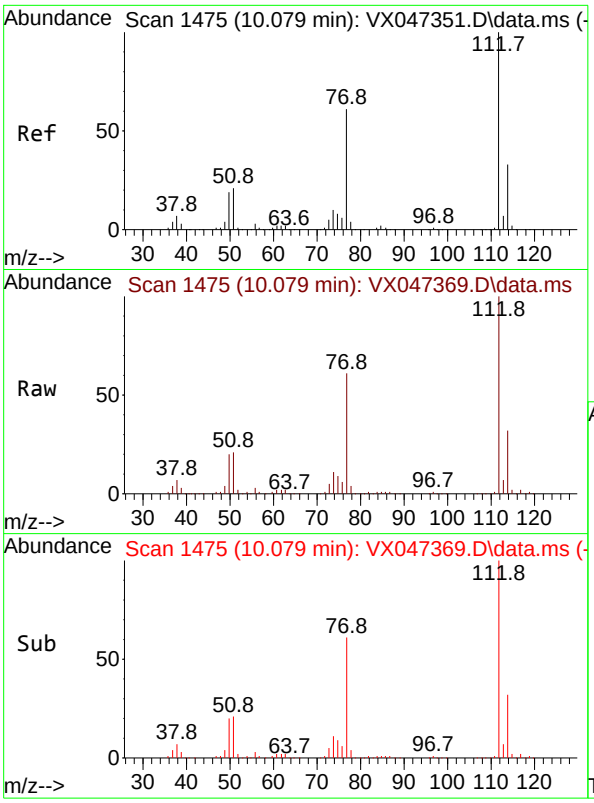


#64
Tetrachloroethene
Concen: 47.219 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion:164 Resp: 128802

Ion	Ratio	Lower	Upper
164	100		
166	126.6	100.3	150.5
129	99.6	77.7	116.5
131	94.9	74.8	112.2

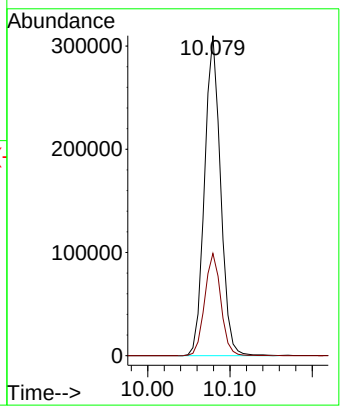




#65
Chlorobenzene
Concen: 46.862 ug/l
RT: 10.079 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion:112 Resp: 41997

Ion	Ratio	Lower	Upper
112	100		
114	31.9	26.4	39.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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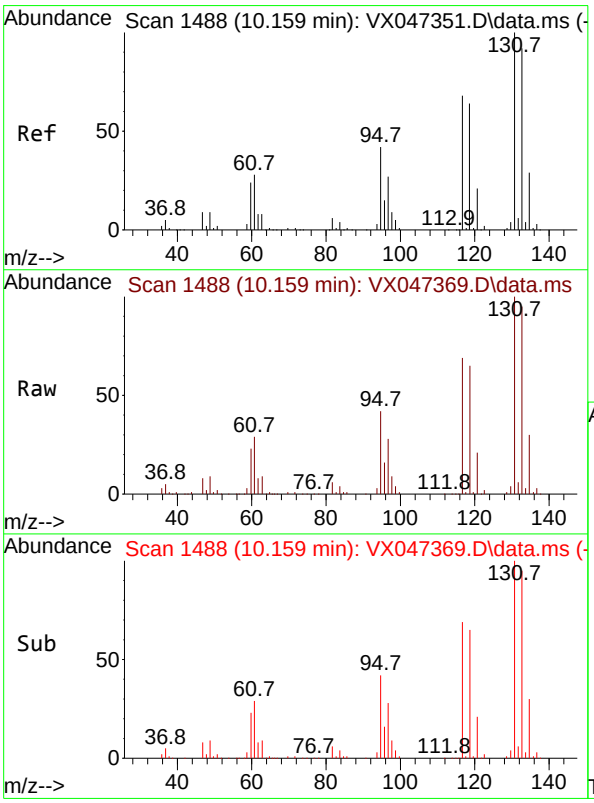
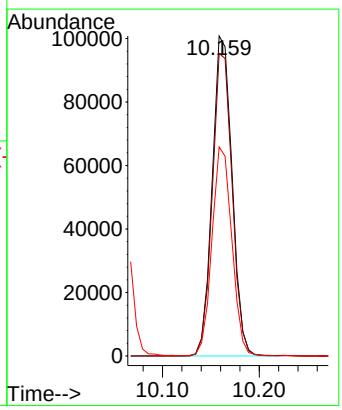
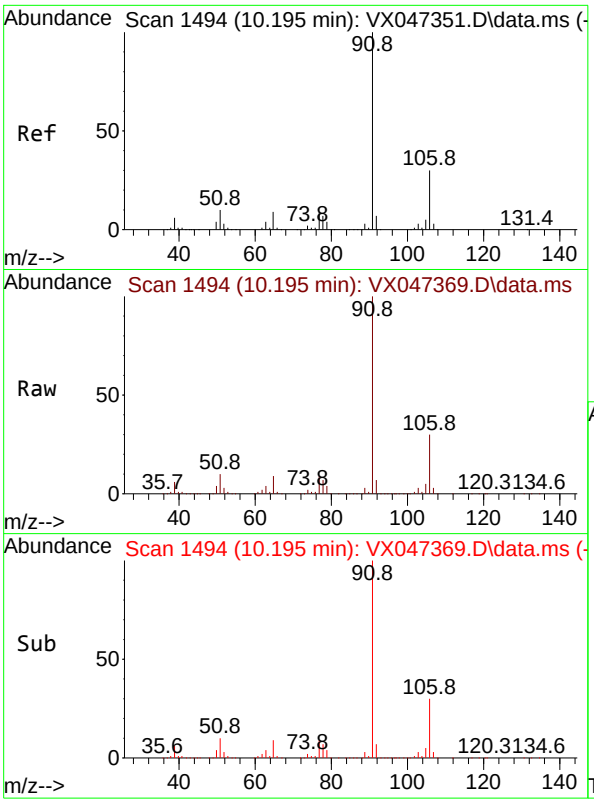


#66
1,1,1,2-Tetrachloroethane
Concen: 47.366 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion:131 Resp: 143495

Ion	Ratio	Lower	Upper
131	100		
133	94.6	47.6	142.9
119	65.6	32.3	96.8





#67
Ethyl Benzene
Concen: 48.132 ug/l
RT: 10.195 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 91 Resp: 74242

Ion	Ratio	Lower	Upper
91	100		
106	30.4	24.4	36.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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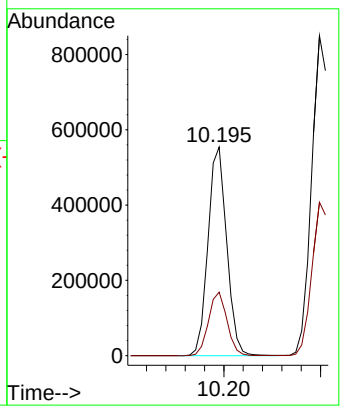
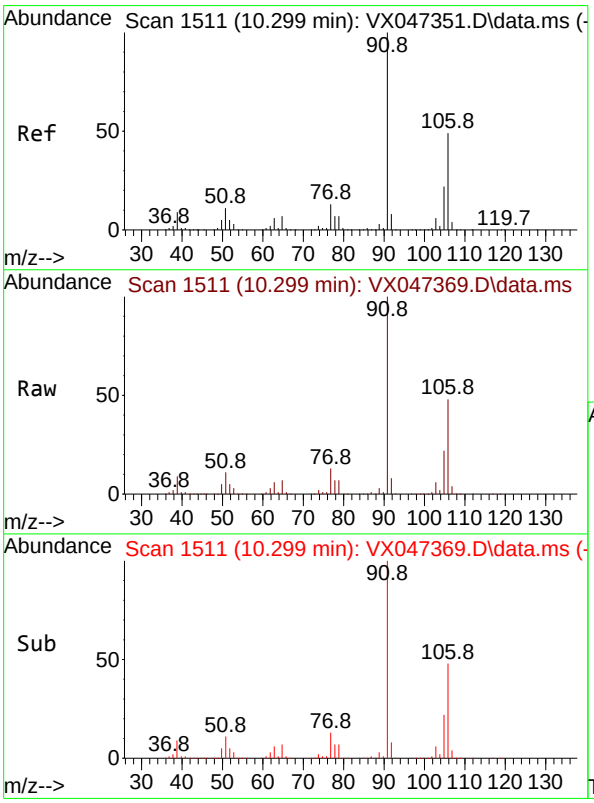
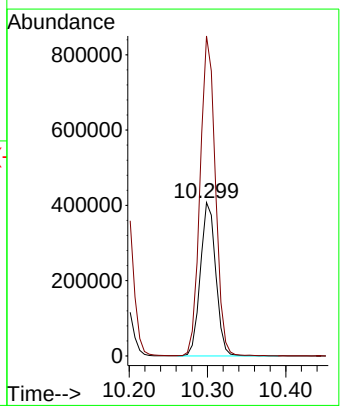


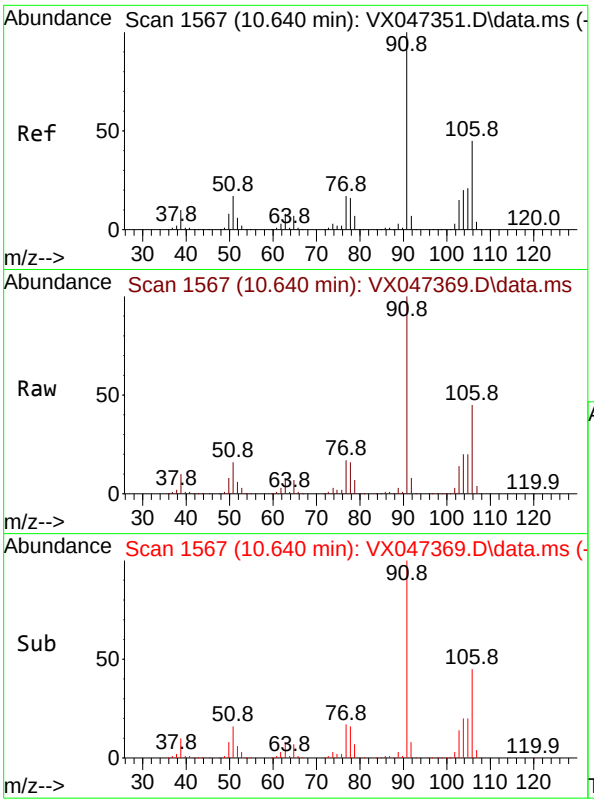


#68
m/p-Xylenes
Concen: 96.708 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion:106 Resp: 556218

Ion	Ratio	Lower	Upper
106	100		
91	206.8	164.7	247.1

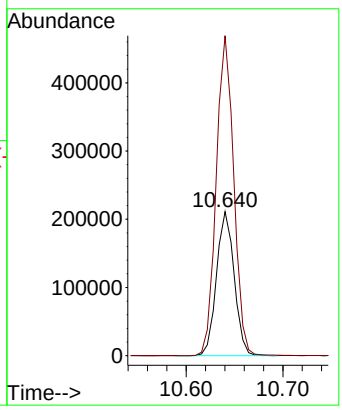




#69
o-Xylene
Concen: 48.345 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion:106 Resp: 26758

Ion	Ratio	Lower	Upper
106	100		
91	220.4	110.6	331.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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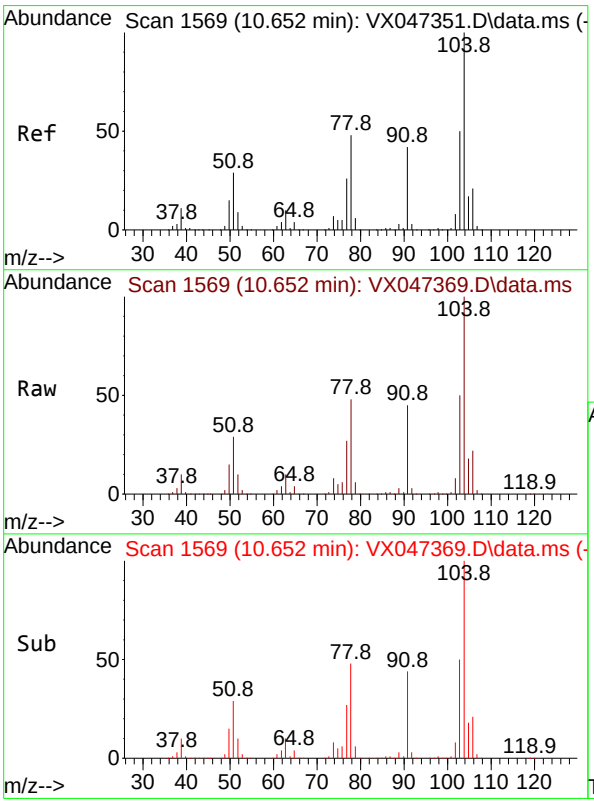
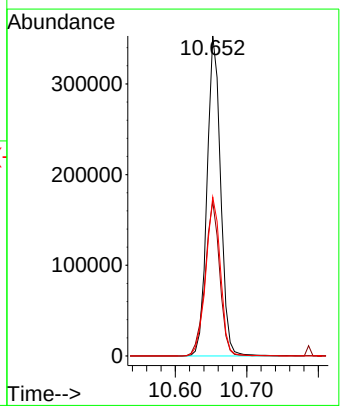
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

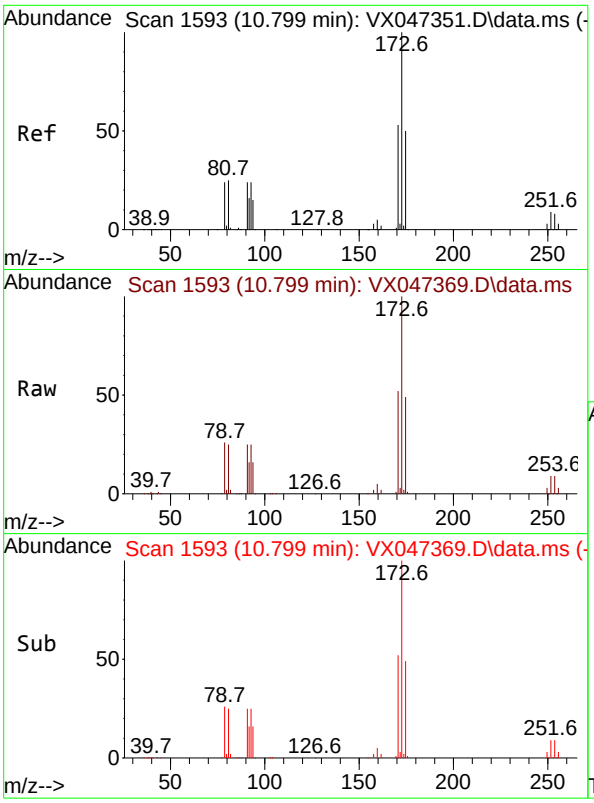


#70
Styrene
Concen: 49.774 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion:104 Resp: 465494

Ion	Ratio	Lower	Upper
104	100		
78	52.1	41.8	62.8
103	53.7	43.6	65.4

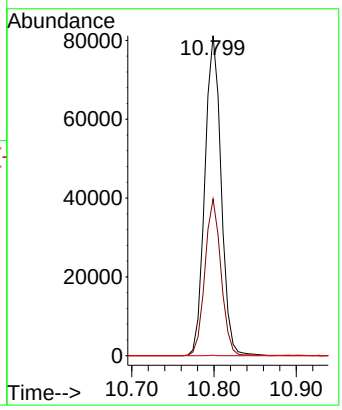




#71
Bromoform
Concen: 49.178 ug/l
RT: 10.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion:173 Resp: 11192

Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.4	73.4
254	0.1	0.1	0.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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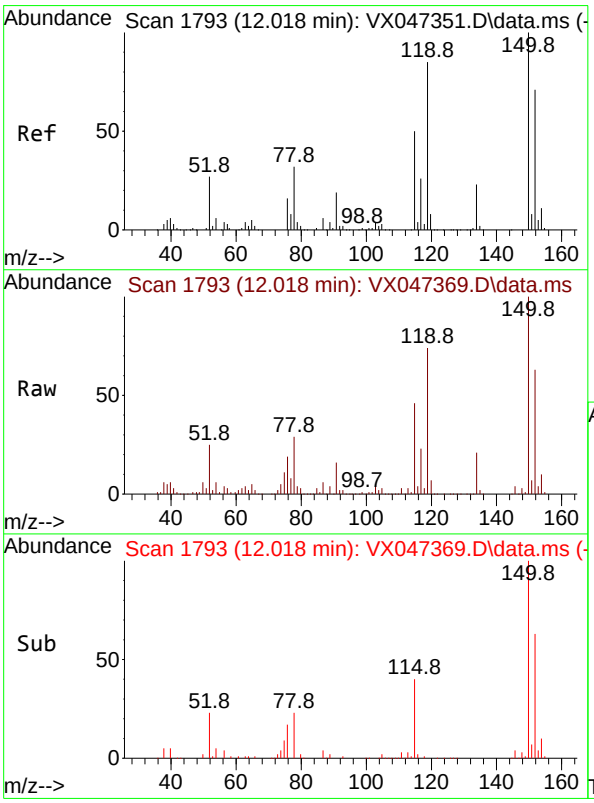
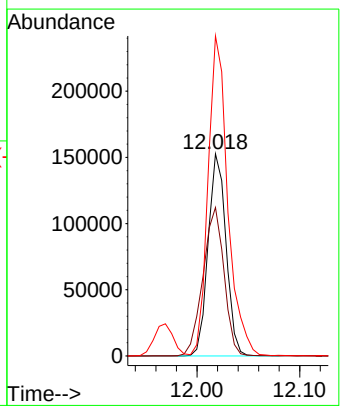
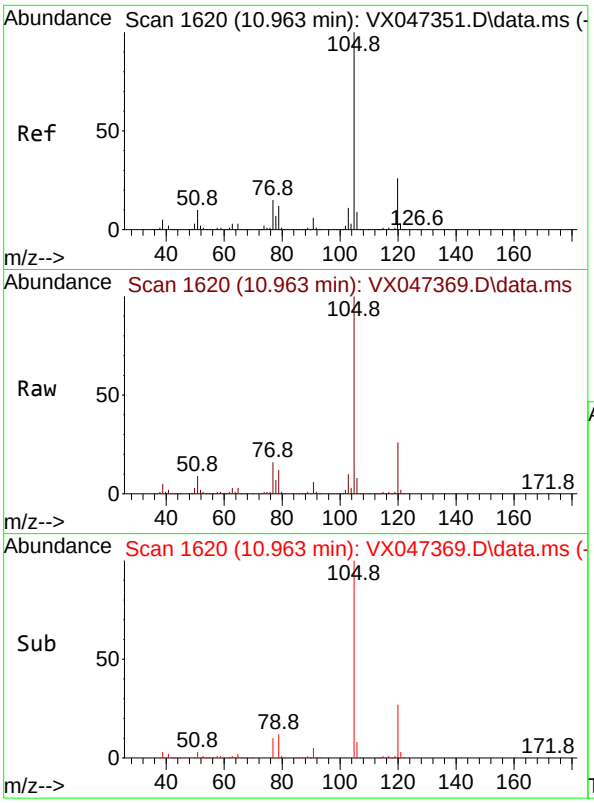


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion:152 Resp: 185359

Ion	Ratio	Lower	Upper
152	100		
115	86.1	44.6	133.8
150	173.7	0.0	349.8





#73
Isopropylbenzene
Concen: 48.148 ug/l
RT: 10.963 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion:105 Resp: 69840

Ion	Ratio	Lower	Upper
105	100		
120	25.9	12.9	38.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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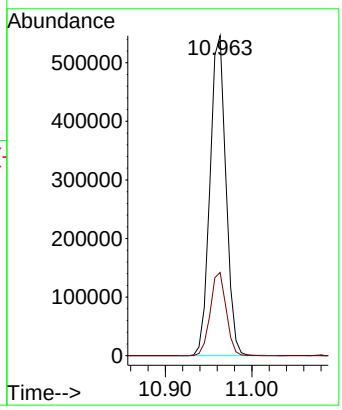
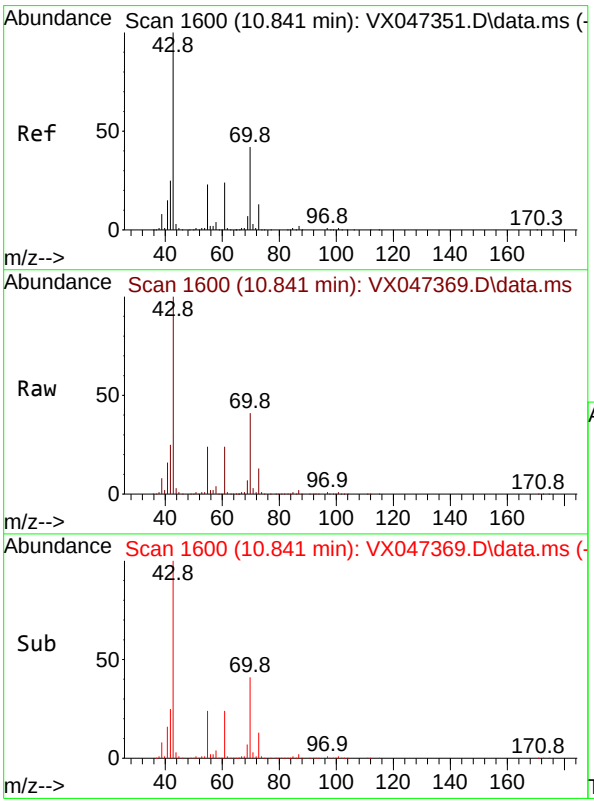
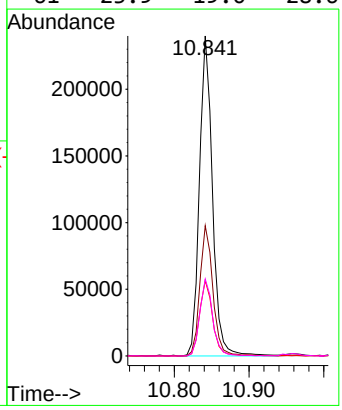


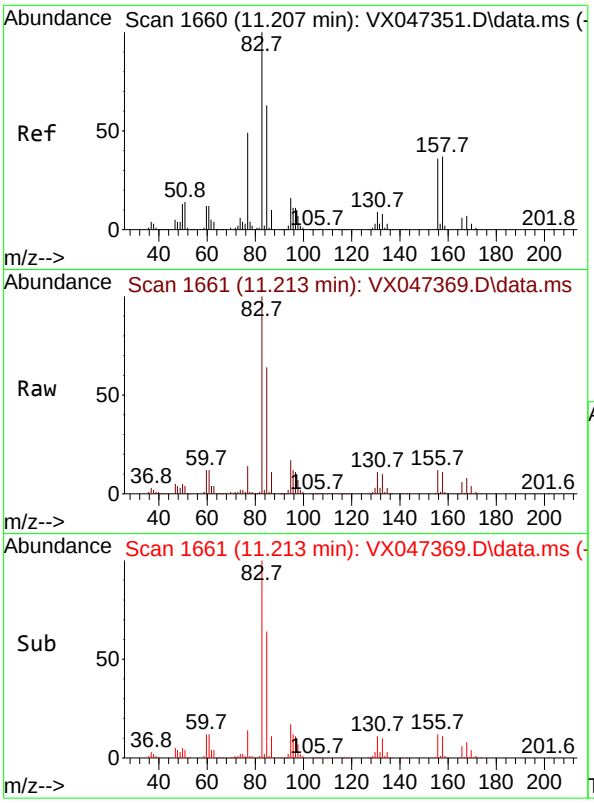


#74
N-amyl acetate
Concen: 52.718 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 43 Resp: 290383

Ion	Ratio	Lower	Upper
43	100		
70	40.8	33.1	49.7
55	23.8	19.0	28.6
61	23.9	19.0	28.6

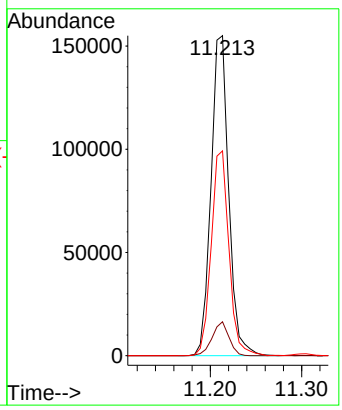




#75
1,1,2,2-Tetrachloroethane
Concen: 49.044 ug/l
RT: 11.213 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 83 Resp: 20886

Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.0	15.0
85	64.1	31.7	95.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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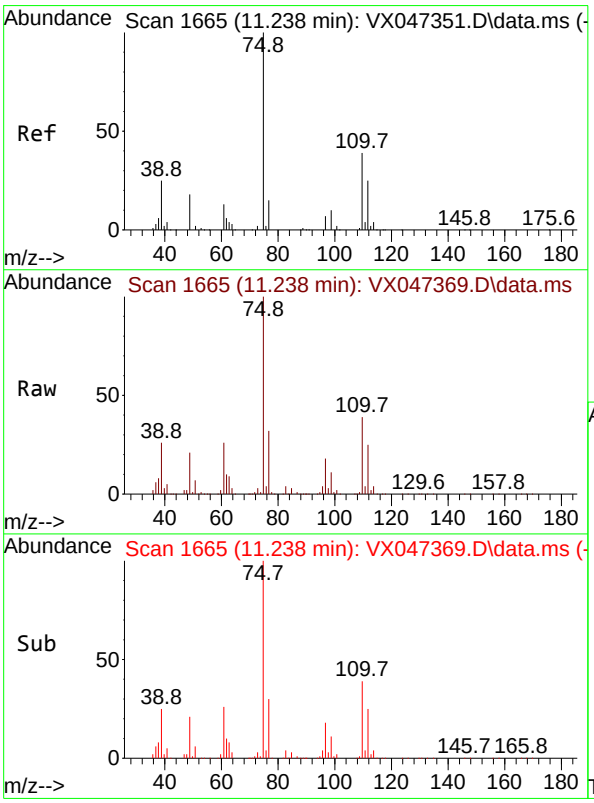
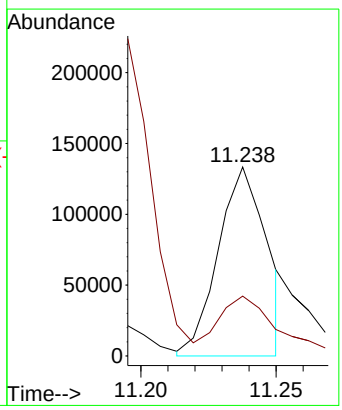
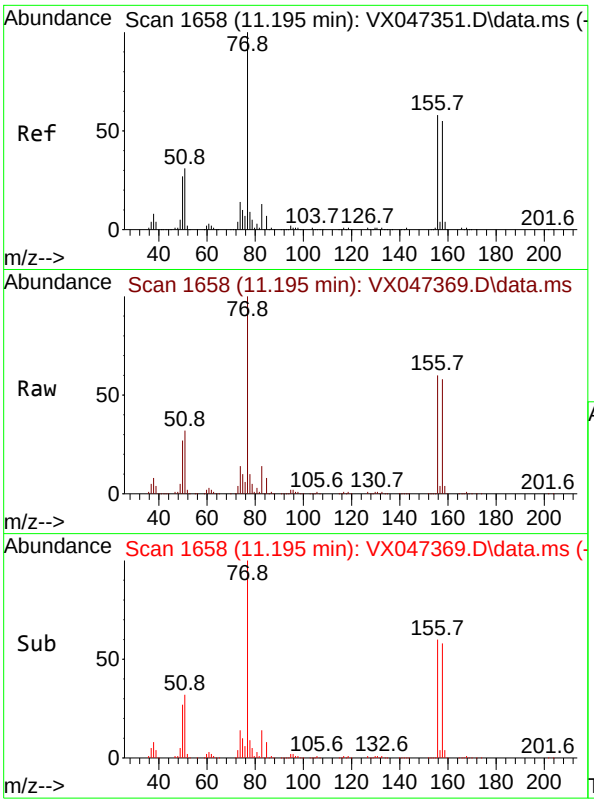


#76
1,2,3-Trichloropropane
Concen: 48.924 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 75 Resp: 166325

Ion	Ratio	Lower	Upper
75	100		
77	39.1	19.4	58.2





#77
Bromobenzene
Concen: 48.280 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion:156 Resp: 17100

Ion	Ratio	Lower	Upper
156	100		
77	169.4	86.3	258.9
158	96.8	48.0	144.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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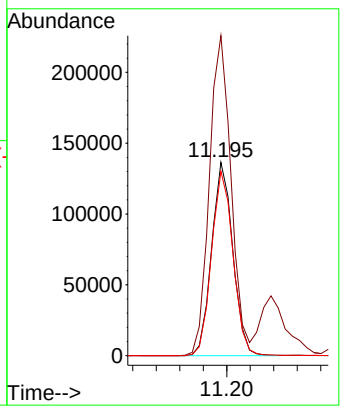
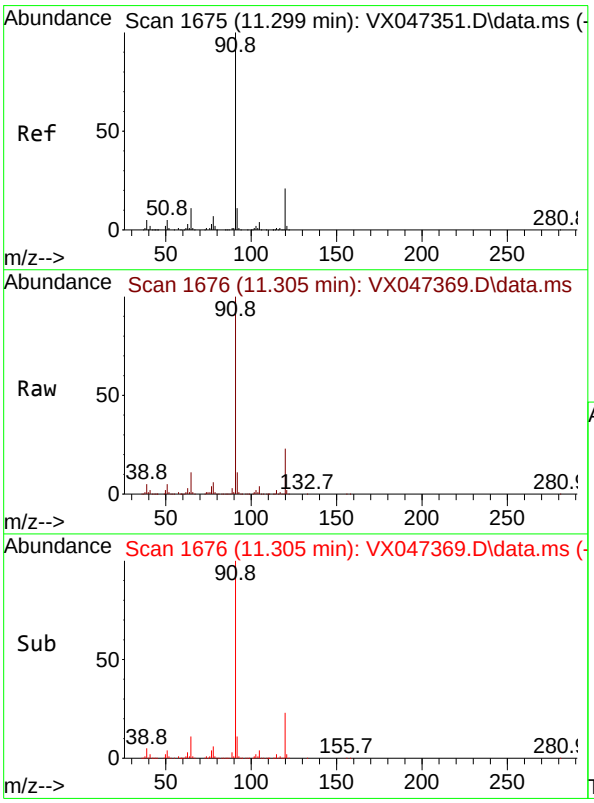
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

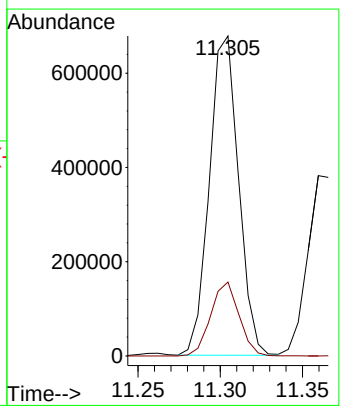


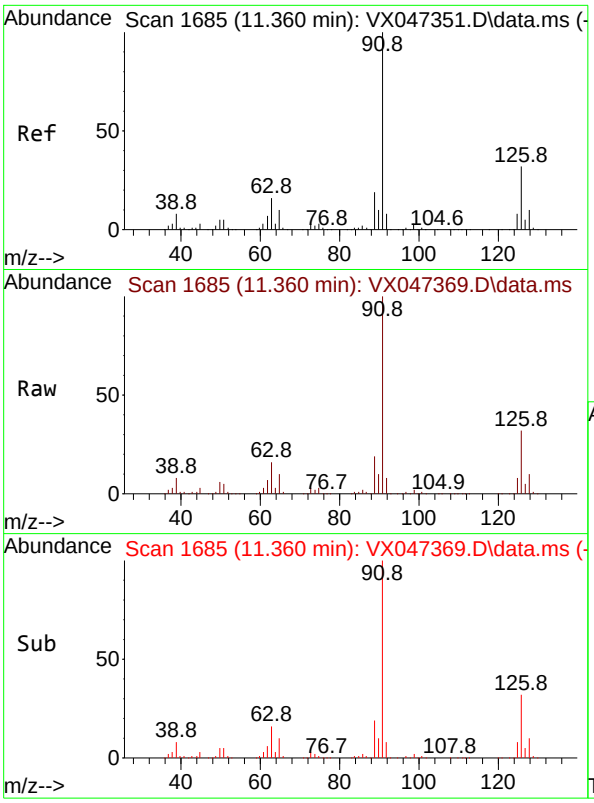


#78
n-propylbenzene
Concen: 48.305 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 91 Resp: 836824

Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.0	33.0





#79
2-Chlorotoluene
Concen: 47.154 ug/l
RT: 11.360 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 91 Resp: 49381

Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.7	50.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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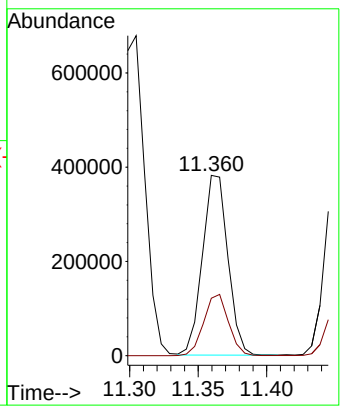
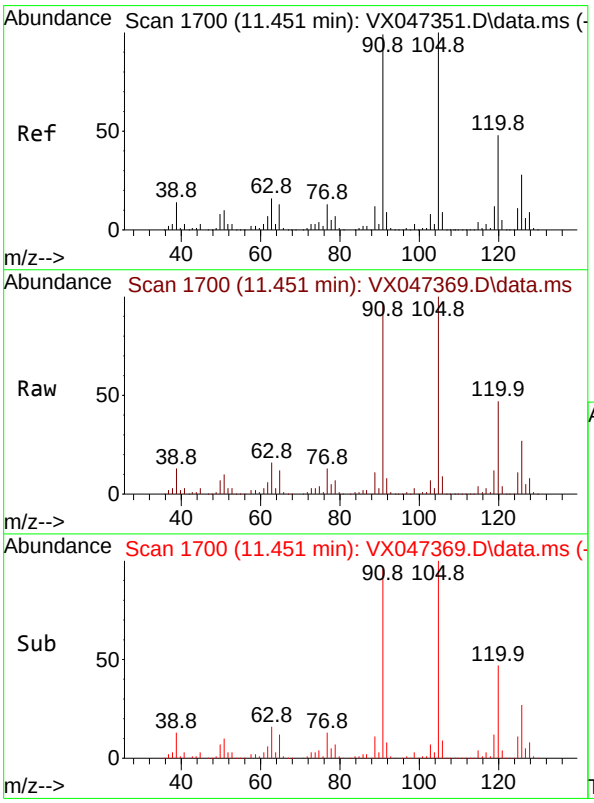
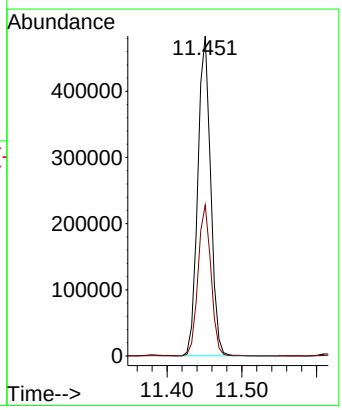


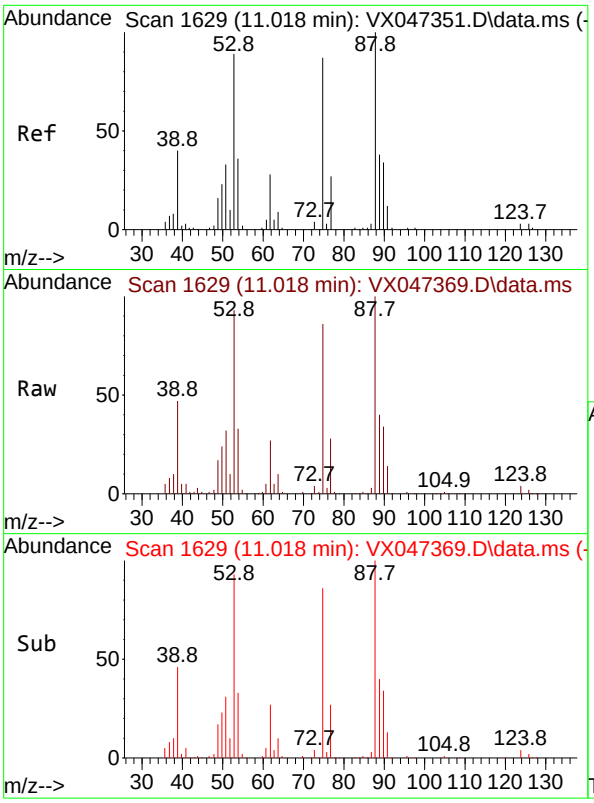


#80
1,3,5-Trimethylbenzene
Concen: 48.316 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion:105 Resp: 576641

Ion	Ratio	Lower	Upper
105	100		
120	47.4	23.9	71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 40.864 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 75 Resp: 3062

Ion	Ratio	Lower	Upper
75	100		
53	113.9	85.2	127.8
89	45.5	36.7	55.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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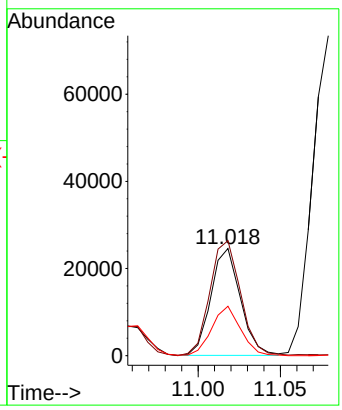
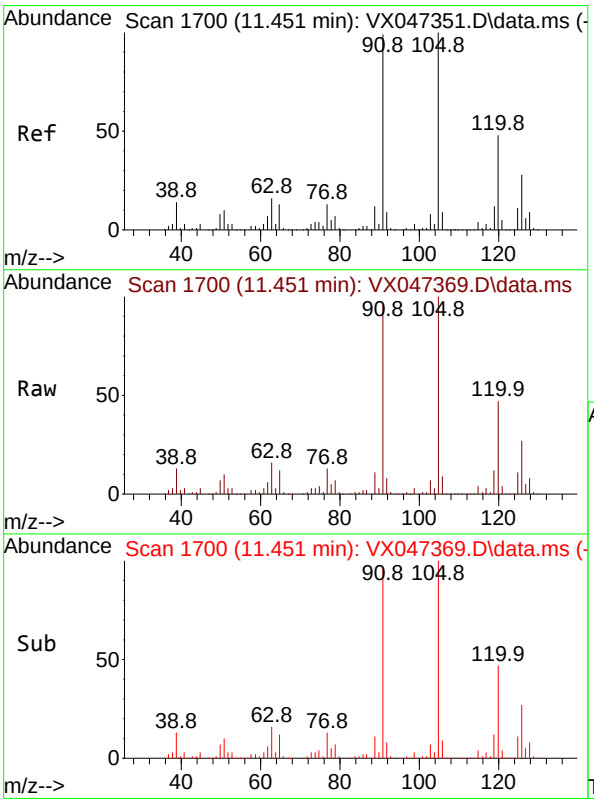
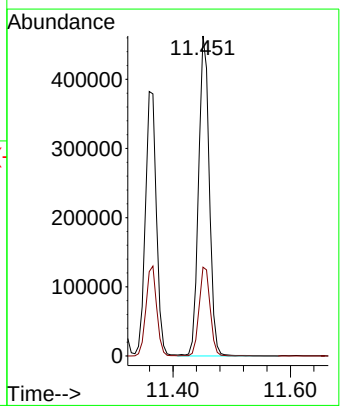


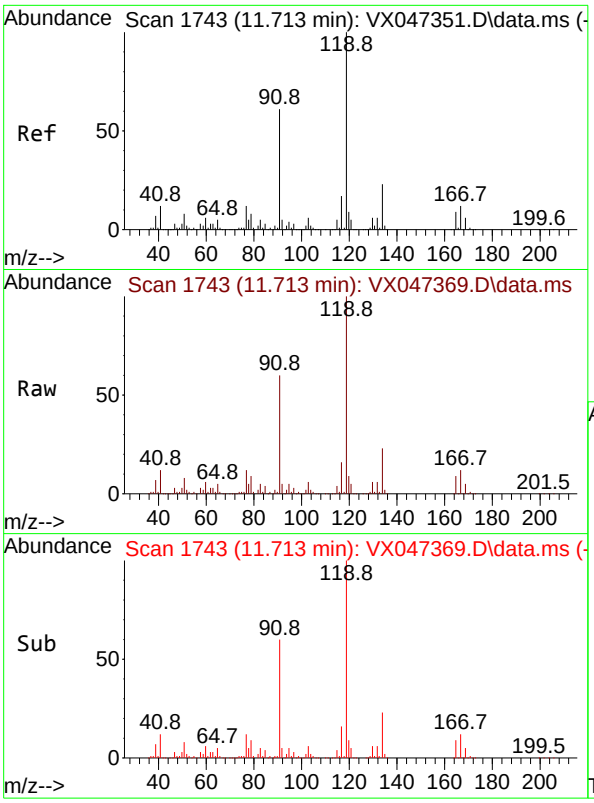


#82
4-Chlorotoluene
Concen: 47.639 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 91 Resp: 588084

Ion	Ratio	Lower	Upper
91	100		
126	28.5	14.4	43.0

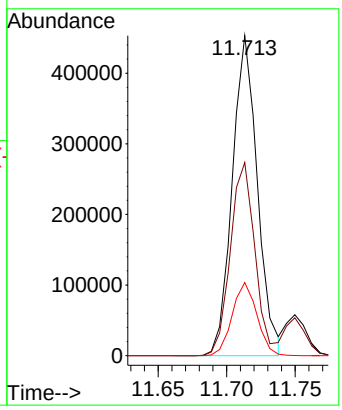




#83
tert-Butylbenzene
Concen: 48.498 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion:119 Resp: 57746

Ion	Ratio	Lower	Upper
119	100		
91	59.6	29.1	87.4
134	22.6	11.3	33.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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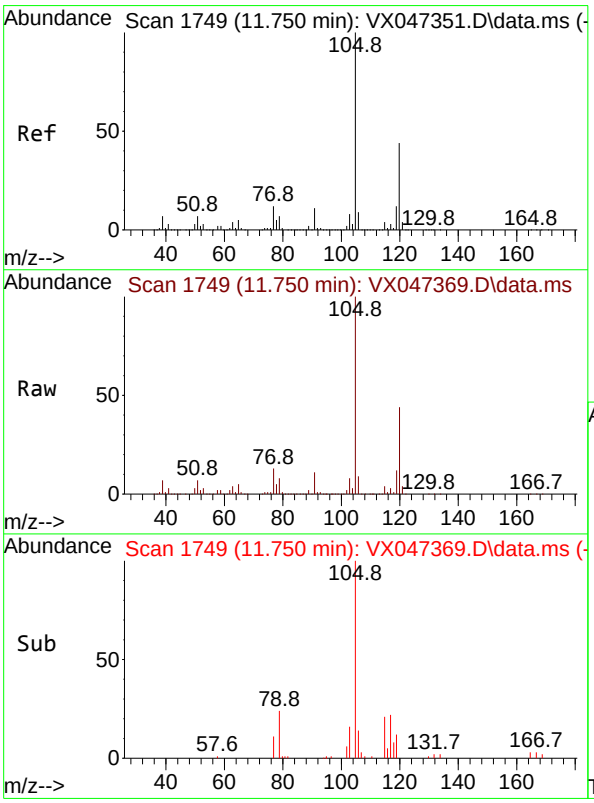
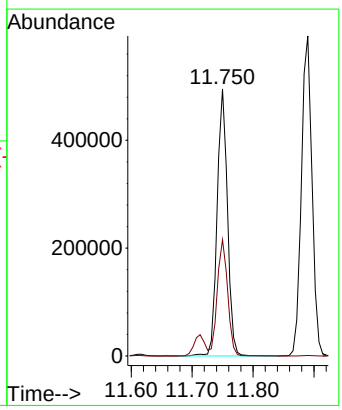
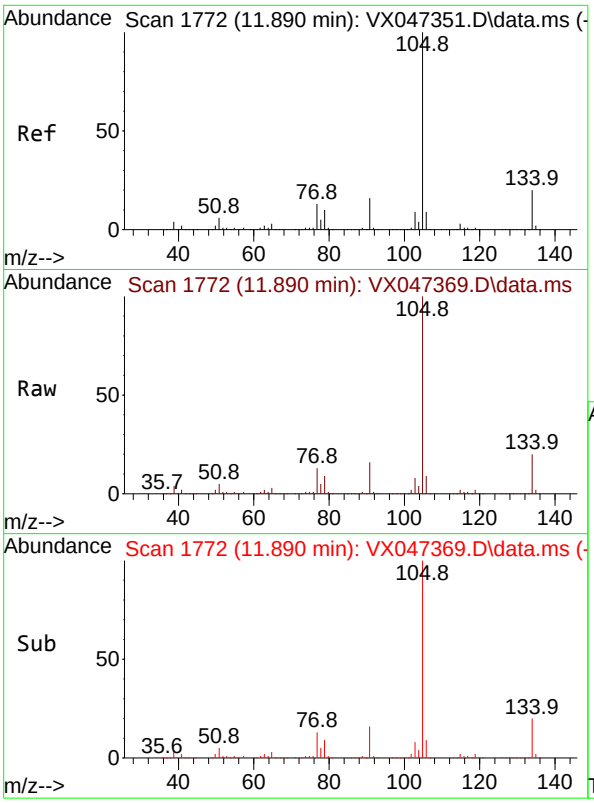


#84
1,2,4-Trimethylbenzene
Concen: 48.662 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion:105 Resp: 580775

Ion	Ratio	Lower	Upper
105	100		
120	44.0	21.9	65.7

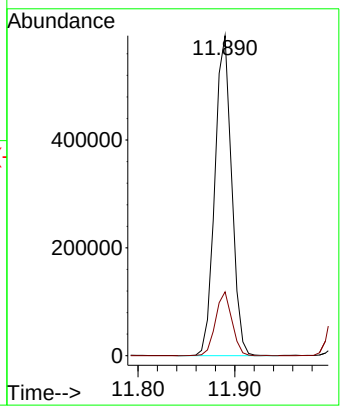




#85
sec-Butylbenzene
Concen: 48.475 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion:105 Resp: 71540

Ion	Ratio	Lower	Upper
105	100		
134	19.6	9.8	29.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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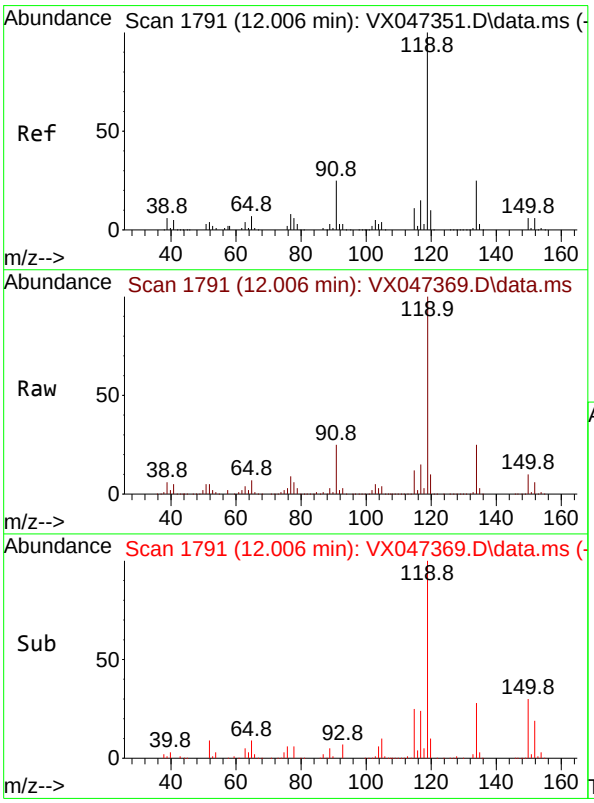
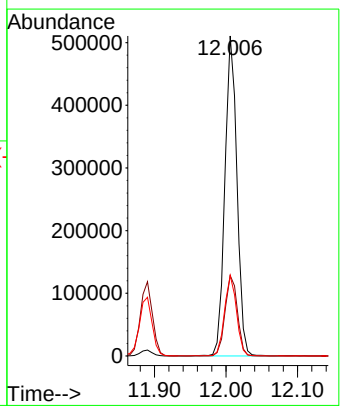
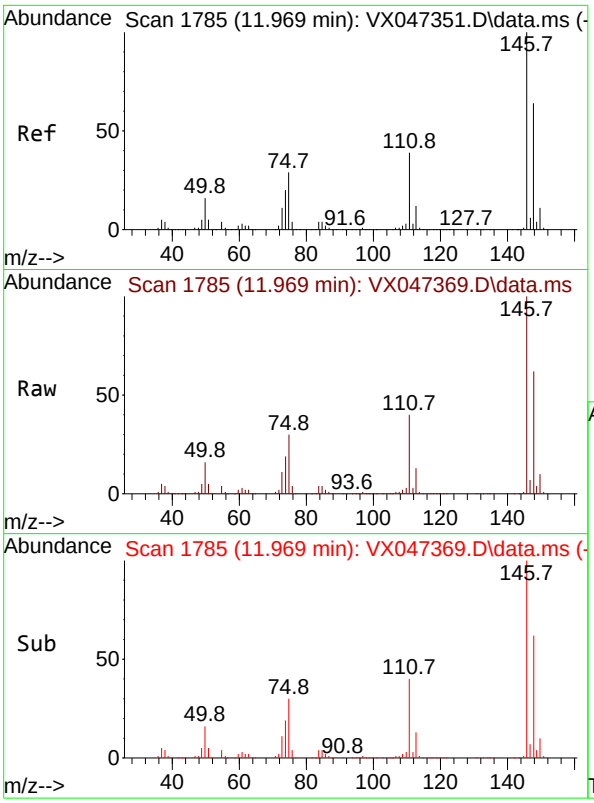


#86
p-Isopropyltoluene
Concen: 47.959 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion:119 Resp: 598935

Ion	Ratio	Lower	Upper
119	100		
134	25.8	12.8	38.4
91	25.0	12.4	37.4

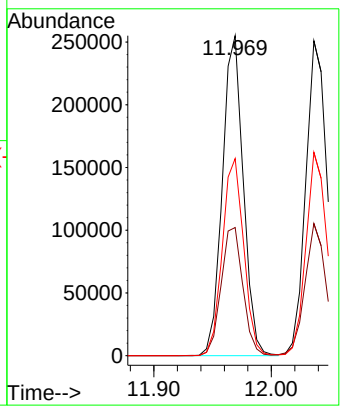




#87
1,3-Dichlorobenzene
Concen: 46.738 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion:146 Resp: 31626

Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.6	61.8
148	62.9	31.9	95.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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Reviewed By :John Carlone 08/18/2025
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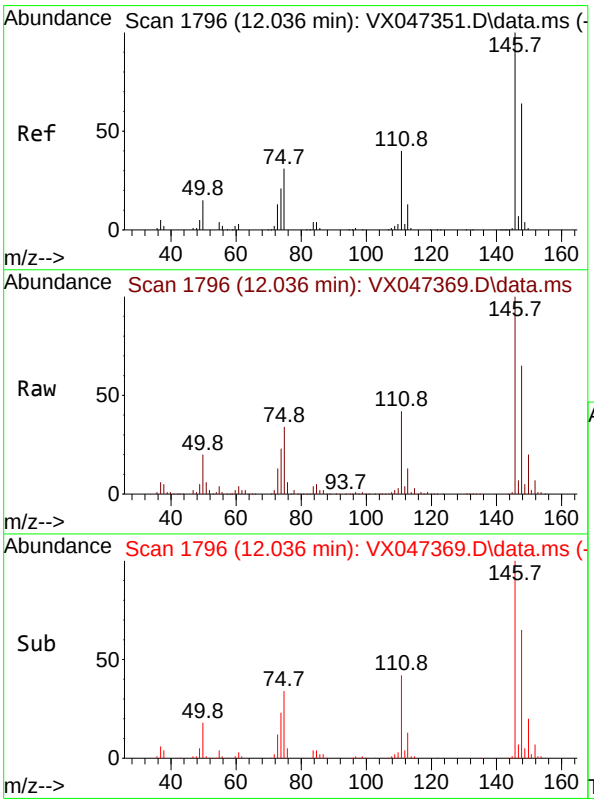
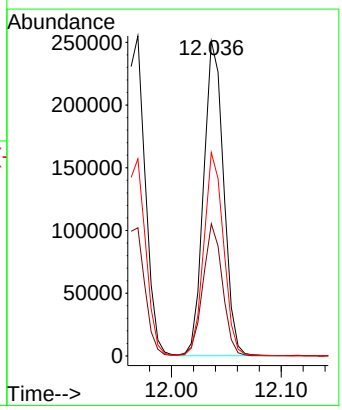
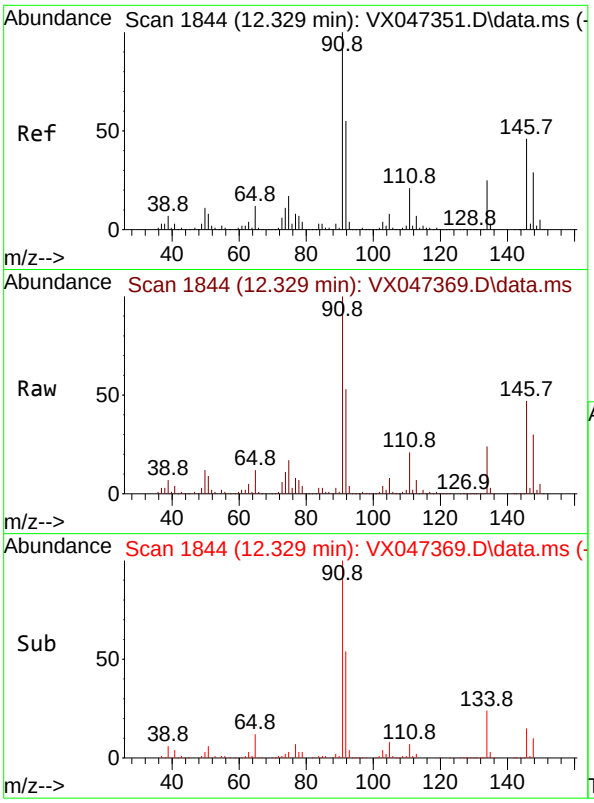


#88
1,4-Dichlorobenzene
Concen: 45.446 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion:146 Resp: 316284

Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.4	61.2
148	64.0	31.7	95.1

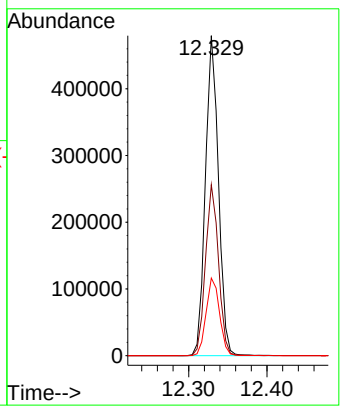




#89
n-Butylbenzene
Concen: 47.531 ug/l
RT: 12.329 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 91 Resp: 55211

Ion	Ratio	Lower	Upper
91	100		
92	53.6	27.2	81.5
134	25.1	12.6	37.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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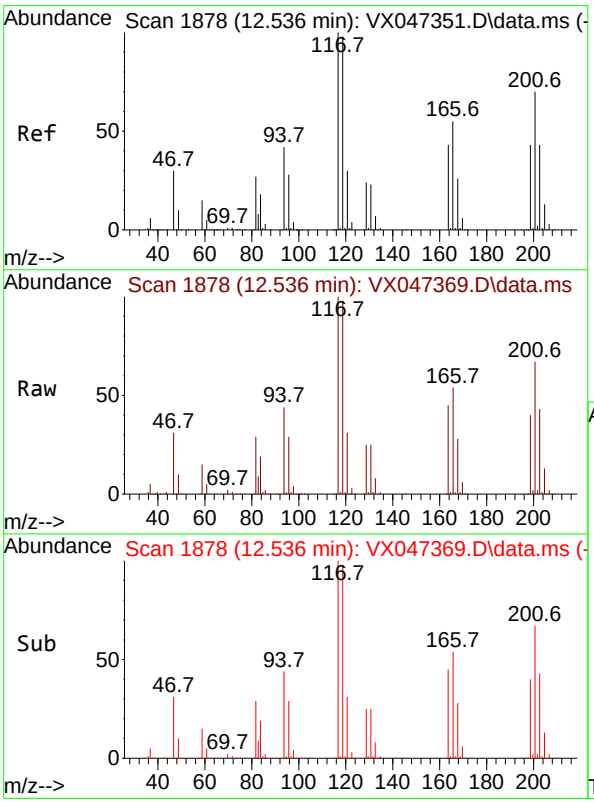
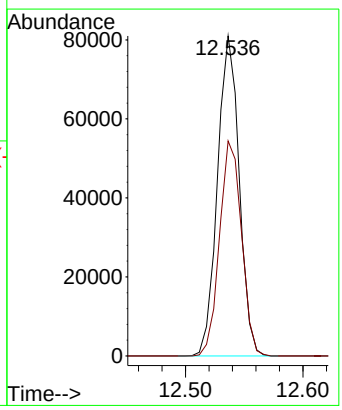
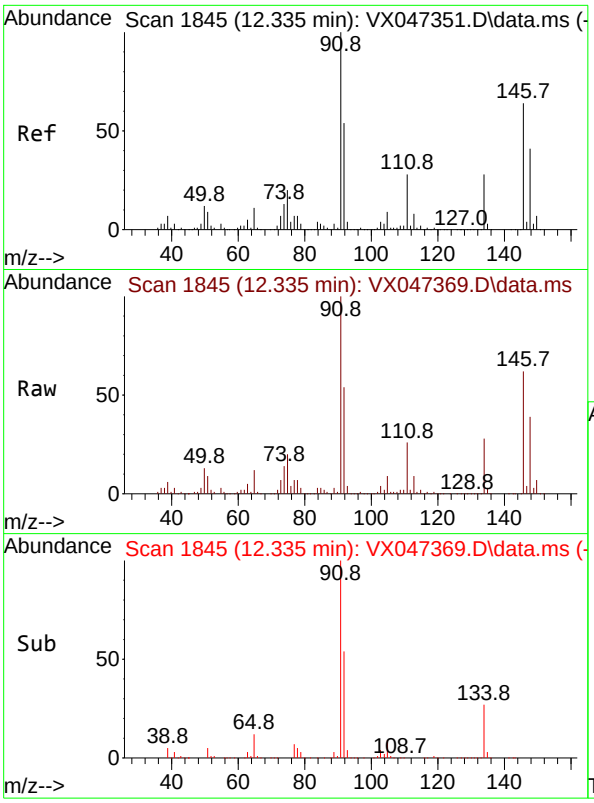


#90
Hexachloroethane
Concen: 47.461 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion:117 Resp: 103982

Ion	Ratio	Lower	Upper
117	100		
201	68.1	35.1	105.3

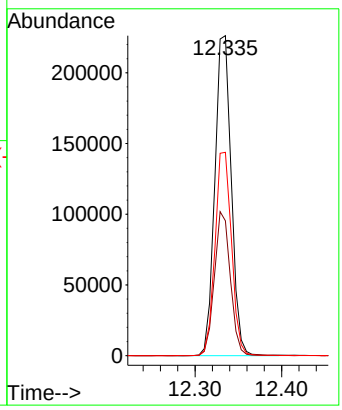




#91
1,2-Dichlorobenzene
Concen: 46.443 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion:146 Resp: 29828

Ion	Ratio	Lower	Upper
146	100		
111	43.7	22.1	66.1
148	64.0	31.9	95.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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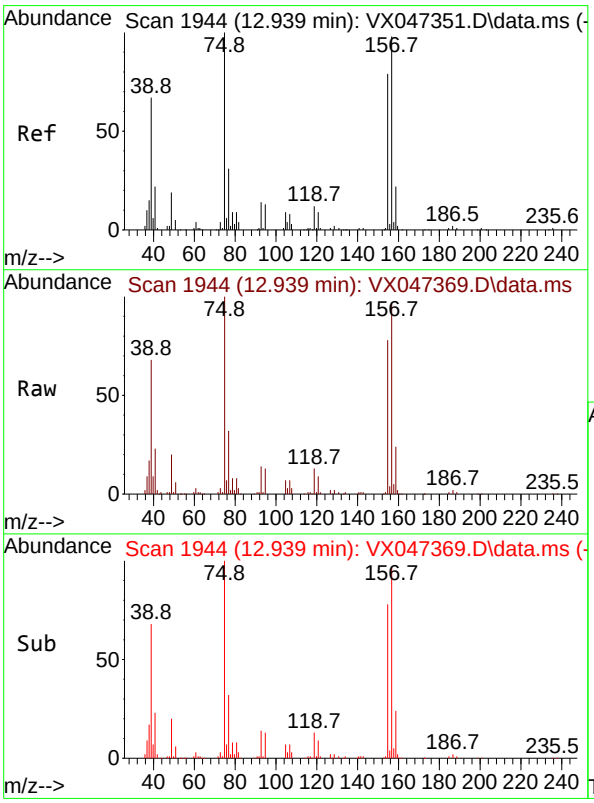
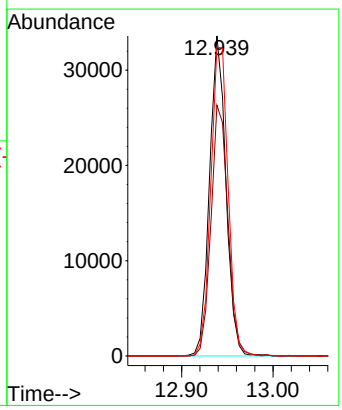
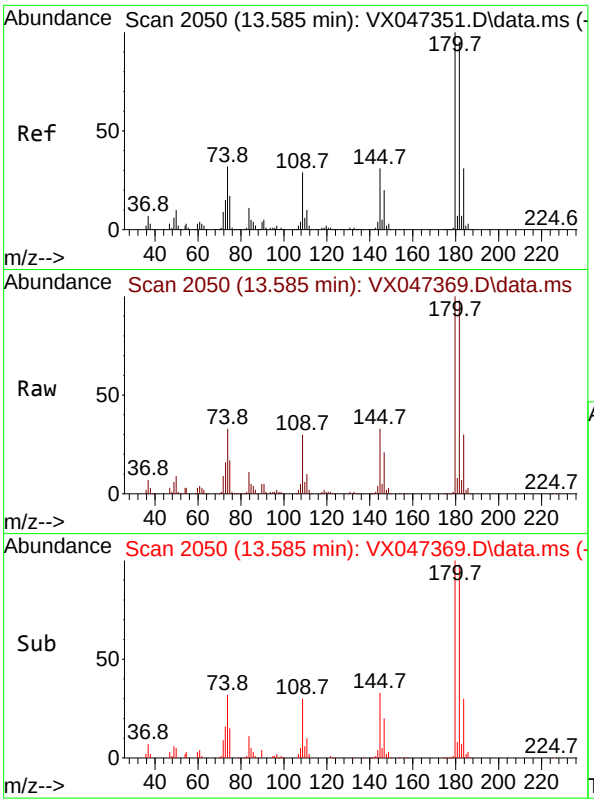


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.697 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 75 Resp: 41755

Ion	Ratio	Lower	Upper
75	100		
155	81.0	41.3	123.7
157	102.6	51.5	154.5

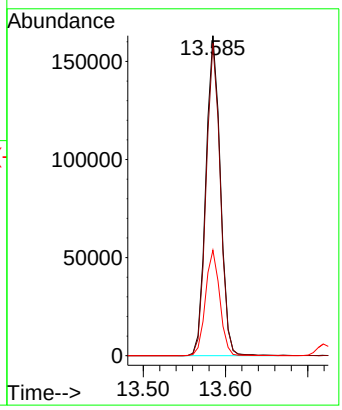




#93
1,2,4-Trichlorobenzene
Concen: 46.241 ug/l
RT: 13.585 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion:180 Resp: 19910

Ion	Ratio	Lower	Upper
180	100		
182	95.5	48.1	144.4
145	32.5	16.2	48.5



Instrument :
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ClientSampleId :
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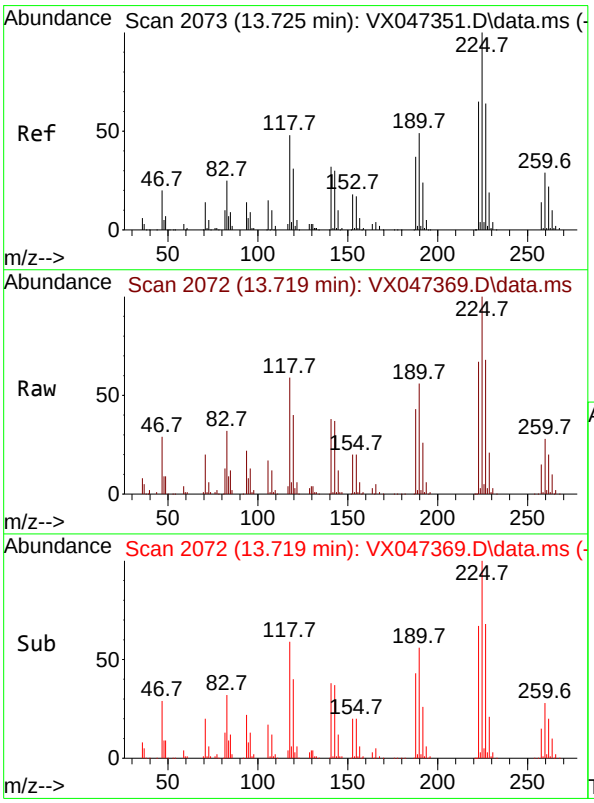
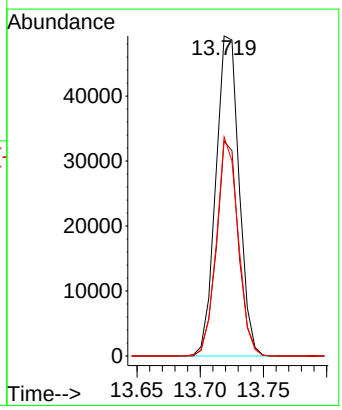
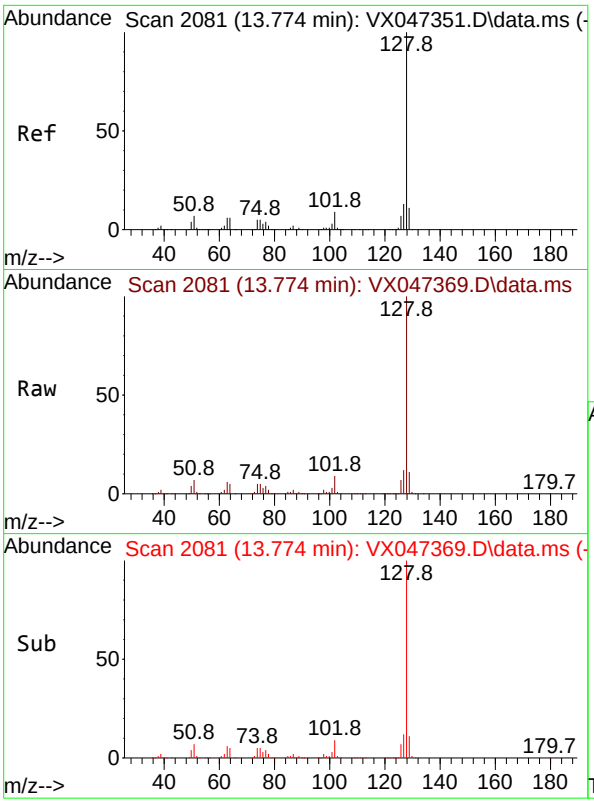


#94
Hexachlorobutadiene
Concen: 40.906 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion:225 Resp: 62693

Ion	Ratio	Lower	Upper
225	100		
223	63.4	32.2	96.6
227	63.8	31.6	95.0

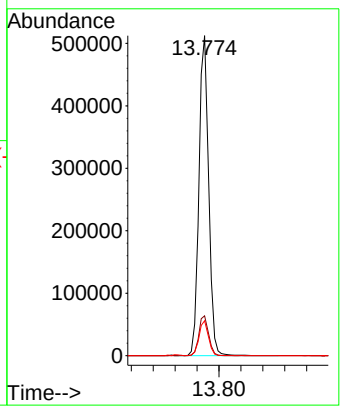




#95
Naphthalene
Concen: 51.265 ug/l
RT: 13.774 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion:128 Resp: 63079

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.1	15.1
129	10.6	8.7	13.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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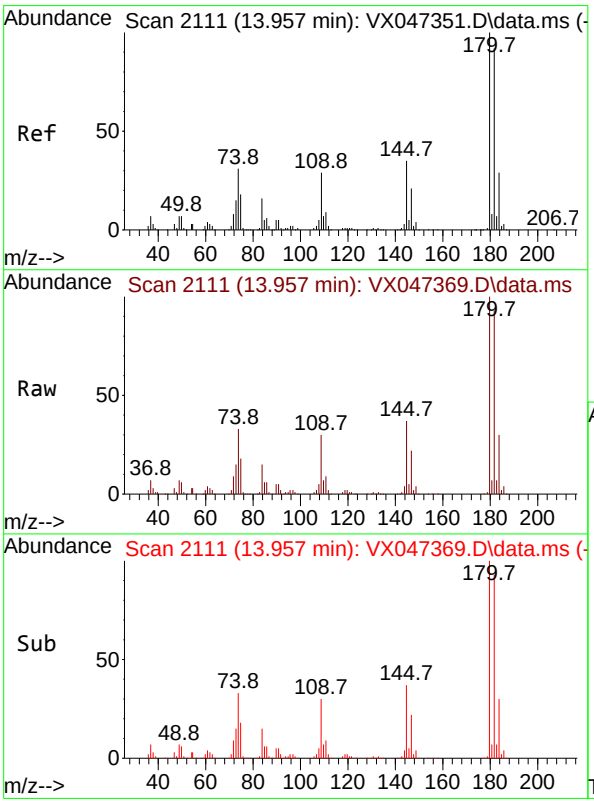
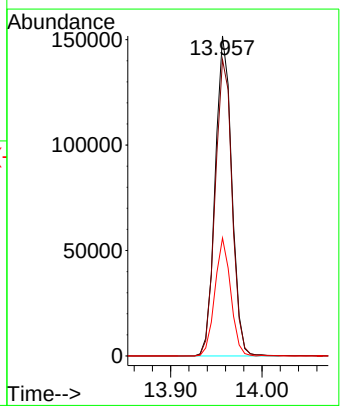
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#96
1,2,3-Trichlorobenzene
Concen: 47.011 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion:180 Resp: 190800

Ion	Ratio	Lower	Upper
180	100		
182	94.5	48.0	144.2
145	35.2	17.4	52.2



Sample Results: **VX047369.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047369.D
Acq On : 15 Aug 2025 17:41
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Aug 18 04:37:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	104	0.00
2	T	Dichlorodifluoromethane	0.637	0.641	-0.6	91	0.00
3	P	Chloromethane	0.573	0.543	5.2	90	0.00
4	C	Vinyl Chloride	0.720	0.694	3.6#	90	0.00
5	T	Bromomethane	0.291	0.310	-6.5	96	0.00
6	T	Chloroethane	0.440	0.412	6.4	92	0.00
7	T	Trichlorofluoromethane	1.065	1.024	3.8	89	0.00
8	T	Diethyl Ether	0.375	0.366	2.4	91	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.618	0.610	1.3	91	0.00
10	T	Methyl Iodide	1.058	0.890	15.9	79	0.00
11	T	Tert butyl alcohol	0.061	0.064	-4.9	97	0.00
12	CM	1,1-Dichloroethene	0.630	0.615	2.4#	91	0.00
13	T	Acrolein	0.129	0.112	13.2	88	0.00
14	T	Allyl chloride	1.093	1.040	4.8	89	0.00
15	T	Acrylonitrile	0.294	0.312	-6.1	95	0.00
16	T	Acetone	0.263	0.242	8.0	89	0.00
17	T	Carbon Disulfide	1.900	1.704	10.3	89	0.00
18	T	Methyl Acetate	0.682	0.718	-5.3	97	0.00
19	T	Methyl tert-butyl Ether	1.915	1.883	1.7	90	0.00
20	T	Methylene Chloride	0.697	0.659	5.5	90	0.00
21	T	trans-1,2-Dichloroethene	0.668	0.638	4.5	91	0.00
22	T	Diisopropyl ether	2.161	2.148	0.6	90	0.00
23	T	Vinyl Acetate	1.772	1.781	-0.5	90	0.00
24	P	1,1-Dichloroethane	1.222	1.185	3.0	91	0.00
25	T	2-Butanone	0.344	0.354	-2.9	94	0.00
26	T	2,2-Dichloropropane	0.922	0.839	9.0	85	0.00
27	T	cis-1,2-Dichloroethene	0.778	0.746	4.1	91	0.00
28	T	Bromochloromethane	0.508	0.507	0.2	97	0.00
29	T	Tetrahydrofuran	0.223	0.232	-4.0	98	0.00
30	C	Chloroform	1.247	1.208	3.1#	91	0.00
31	T	Cyclohexane	1.126	1.063	5.6	91	0.00
32	T	1,1,1-Trichloroethane	1.073	1.026	4.4	89	0.00
33	S	1,2-Dichloroethane-d4	0.700	0.693	1.0	102	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
35	S	Dibromofluoromethane	0.325	0.320	1.5	101	0.00
36	T	1,1-Dichloropropene	0.512	0.478	6.6	89	0.00
37	T	Ethyl Acetate	0.532	0.526	1.1	93	0.00
38	T	Carbon Tetrachloride	0.560	0.525	6.3	90	0.00
39	T	Methylcyclohexane	0.639	0.599	6.3	90	0.00
40	TM	Benzene	1.533	1.466	4.4	90	0.00
41	T	Methacrylonitrile	0.224	0.232	-3.6	94	0.00
42	TM	1,2-Dichloroethane	0.543	0.514	5.3	90	0.00
43	T	Isopropyl Acetate	0.764	0.768	-0.5	92	0.00
44	TM	Trichloroethene	0.393	0.373	5.1	90	0.00
45	C	1,2-Dichloropropane	0.384	0.366	4.7#	91	0.00
46	T	Dibromomethane	0.279	0.265	5.0	92	0.00
47	T	Bromodichloromethane	0.578	0.550	4.8	90	0.00
48	T	Methyl methacrylate	0.397	0.398	-0.3	93	0.00

Sample Results: **VX047369.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047369.D
Acq On : 15 Aug 2025 17:41
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Aug 18 04:37:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.004	0.004	0.0	85	0.00
50	S	Toluene-d8	1.160	1.129	2.7	101	0.00
51	T	4-Methyl-2-Pentanone	0.440	0.465	-5.7	96	0.00
52	CM	Toluene	0.947	0.909	4.0#	90	0.00
53	T	t-1,3-Dichloropropene	0.505	0.498	1.4	89	0.00
54	T	cis-1,3-Dichloropropene	0.571	0.551	3.5	90	0.00
55	T	1,1,2-Trichloroethane	0.360	0.348	3.3	92	0.00
56	T	Ethyl methacrylate	0.530	0.540	-1.9	91	0.00
57	T	1,3-Dichloropropane	0.613	0.594	3.1	93	0.00
58	T	2-Chloroethyl Vinyl ether	0.211	0.234	-10.9	89	0.00
59	T	2-Hexanone	0.304	0.320	-5.3	97	0.00
60	T	Dibromochloromethane	0.428	0.405	5.4	91	0.00
61	T	1,2-Dibromoethane	0.371	0.356	4.0	91	0.00
62	S	4-Bromofluorobenzene	0.428	0.427	0.2	104	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.00
64	T	Tetrachloroethene	0.362	0.342	5.5	89	0.00
65	PM	Chlorobenzene	1.188	1.114	6.2	90	0.00
66	T	1,1,1,2-Tetrachloroethane	0.402	0.381	5.2	90	0.00
67	C	Ethyl Benzene	2.045	1.969	3.7#	90	0.00
68	T	m/p-Xylenes	0.763	0.737	3.4	89	0.00
69	T	o-Xylene	0.734	0.710	3.3	91	0.00
70	T	Styrene	1.240	1.234	0.5	91	0.00
71	P	Bromoform	0.302	0.297	1.7	92	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	105	0.00
73	T	Isopropylbenzene	3.913	3.768	3.7	90	0.00
74	T	N-amyl acetate	1.486	1.567	-5.5	95	0.00
75	P	1,1,2,2-Tetrachloroethane	1.149	1.127	1.9	93	0.00
76	T	1,2,3-Trichloropropane	0.917	0.897	2.2	93	0.00
77	T	Bromobenzene	0.955	0.923	3.4	92	0.00
78	T	n-propylbenzene	4.673	4.515	3.4	91	0.00
79	T	2-Chlorotoluene	2.825	2.664	5.7	90	0.00
80	T	1,3,5-Trimethylbenzene	3.219	3.111	3.4	91	0.00
81	T	trans-1,4-Dichloro-2-butene	0.178	0.165	7.3	87	0.00
82	T	4-Chlorotoluene	3.330	3.173	4.7	91	0.00
83	T	tert-Butylbenzene	3.212	3.115	3.0	90	0.00
84	T	1,2,4-Trimethylbenzene	3.219	3.133	2.7	90	0.00
85	T	sec-Butylbenzene	3.981	3.860	3.0	91	0.00
86	T	p-Isopropyltoluene	3.369	3.231	4.1	91	0.00
87	T	1,3-Dichlorobenzene	1.825	1.706	6.5	90	0.00
88	T	1,4-Dichlorobenzene	1.877	1.706	9.1	90	0.00
89	T	n-Butylbenzene	3.133	2.979	4.9	90	0.00
90	T	Hexachloroethane	0.591	0.561	5.1	90	0.00
91	T	1,2-Dichlorobenzene	1.733	1.609	7.2	90	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.222	0.225	-1.4	95	0.00
93	T	1,2,4-Trichlorobenzene	1.161	1.074	7.5	91	0.00
94	T	Hexachlorobutadiene	0.413	0.338	18.2	87	0.00
95	T	Naphthalene	3.319	3.403	-2.5	94	0.00

Sample Results: **VX047369.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047369.D
Acq On : 15 Aug 2025 17:41
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Aug 18 04:37:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.095	1.029	6.0	92	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Sample Results: **VX047369.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047369.D
Acq On : 15 Aug 2025 17:41
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Aug 18 04:37:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	104	0.00
2	T	Dichlorodifluoromethane	50.000	50.314	-0.6	91	0.00
3	P	Chloromethane	50.000	47.334	5.3	90	0.00
4	C	Vinyl Chloride	50.000	48.186	3.6#	90	0.00
5	T	Bromomethane	50.000	53.336	-6.7	96	0.00
6	T	Chloroethane	50.000	46.802	6.4	92	0.00
7	T	Trichlorofluoromethane	50.000	48.077	3.8	89	0.00
8	T	Diethyl Ether	50.000	48.793	2.4	91	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.427	1.1	91	0.00
10	T	Methyl Iodide	50.000	42.033	15.9	79	0.00
11	T	Tert butyl alcohol	250.000	262.913	-5.2	97	0.00
12	CM	1,1-Dichloroethene	50.000	48.810	2.4#	91	0.00
13	T	Acrolein	250.000	217.746	12.9	88	0.00
14	T	Allyl chloride	50.000	47.570	4.9	89	0.00
15	T	Acrylonitrile	250.000	264.860	-5.9	95	0.00
16	T	Acetone	250.000	230.028	8.0	89	0.00
17	T	Carbon Disulfide	50.000	44.850	10.3	89	0.00
18	T	Methyl Acetate	50.000	52.680	-5.4	97	0.00
19	T	Methyl tert-butyl Ether	50.000	49.159	1.7	90	0.00
20	T	Methylene Chloride	50.000	47.342	5.3	90	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.770	4.5	91	0.00
22	T	Diisopropyl ether	50.000	49.685	0.6	90	0.00
23	T	Vinyl Acetate	250.000	251.356	-0.5	90	0.00
24	P	1,1-Dichloroethane	50.000	48.514	3.0	91	0.00
25	T	2-Butanone	250.000	257.259	-2.9	94	0.00
26	T	2,2-Dichloropropane	50.000	45.513	9.0	85	0.00
27	T	cis-1,2-Dichloroethene	50.000	47.944	4.1	91	0.00
28	T	Bromochloromethane	50.000	49.836	0.3	97	0.00
29	T	Tetrahydrofuran	250.000	260.079	-4.0	98	0.00
30	C	Chloroform	50.000	48.462	3.1#	91	0.00
31	T	Cyclohexane	50.000	47.193	5.6	91	0.00
32	T	1,1,1-Trichloroethane	50.000	47.814	4.4	89	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.507	1.0	102	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	104	0.00
35	S	Dibromofluoromethane	50.000	49.327	1.3	101	0.00
36	T	1,1-Dichloropropene	50.000	46.638	6.7	89	0.00
37	T	Ethyl Acetate	50.000	49.446	1.1	93	0.00
38	T	Carbon Tetrachloride	50.000	46.894	6.2	90	0.00
39	T	Methylcyclohexane	50.000	46.834	6.3	90	0.00
40	TM	Benzene	50.000	47.793	4.4	90	0.00
41	T	Methacrylonitrile	50.000	51.686	-3.4	94	0.00
42	TM	1,2-Dichloroethane	50.000	47.354	5.3	90	0.00
43	T	Isopropyl Acetate	50.000	50.253	-0.5	92	0.00
44	TM	Trichloroethene	50.000	47.495	5.0	90	0.00
45	C	1,2-Dichloropropane	50.000	47.602	4.8#	91	0.00
46	T	Dibromomethane	50.000	47.466	5.1	92	0.00
47	T	Bromodichloromethane	50.000	47.537	4.9	90	0.00
48	T	Methyl methacrylate	50.000	50.235	-0.5	93	0.00

Sample Results: **VX047369.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047369.D
Acq On : 15 Aug 2025 17:41
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Aug 18 04:37:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	943.476	5.7	85	0.00
50	S	Toluene-d8	50.000	48.689	2.6	101	0.00
51	T	4-Methyl-2-Pentanone	250.000	264.515	-5.8	96	0.00
52	CM	Toluene	50.000	47.956	4.1#	90	0.00
53	T	t-1,3-Dichloropropene	50.000	49.301	1.4	89	0.00
54	T	cis-1,3-Dichloropropene	50.000	48.275	3.5	90	0.00
55	T	1,1,2-Trichloroethane	50.000	48.406	3.2	92	0.00
56	T	Ethyl methacrylate	50.000	50.873	-1.7	91	0.00
57	T	1,3-Dichloropropane	50.000	48.422	3.2	93	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	231.506	7.4	89	0.00
59	T	2-Hexanone	250.000	263.424	-5.4	97	0.00
60	T	Dibromochloromethane	50.000	47.350	5.3	91	0.00
61	T	1,2-Dibromoethane	50.000	48.044	3.9	91	0.00
62	S	4-Bromofluorobenzene	50.000	49.860	0.3	104	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	104	0.00
64	T	Tetrachloroethene	50.000	47.219	5.6	89	0.00
65	PM	Chlorobenzene	50.000	46.862	6.3	90	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	47.366	5.3	90	0.00
67	C	Ethyl Benzene	50.000	48.132	3.7#	90	0.00
68	T	m/p-Xylenes	100.000	96.708	3.3	89	0.00
69	T	o-Xylene	50.000	48.345	3.3	91	0.00
70	T	Styrene	50.000	49.774	0.5	91	0.00
71	P	Bromoform	50.000	49.178	1.6	92	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	0.00
73	T	Isopropylbenzene	50.000	48.148	3.7	90	0.00
74	T	N-amyl acetate	50.000	52.718	-5.4	95	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.044	1.9	93	0.00
76	T	1,2,3-Trichloropropane	50.000	48.924	2.2	93	0.00
77	T	Bromobenzene	50.000	48.280	3.4	92	0.00
78	T	n-propylbenzene	50.000	48.305	3.4	91	0.00
79	T	2-Chlorotoluene	50.000	47.154	5.7	90	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.316	3.4	91	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	40.864	18.3	87	0.00
82	T	4-Chlorotoluene	50.000	47.639	4.7	91	0.00
83	T	tert-Butylbenzene	50.000	48.498	3.0	90	0.00
84	T	1,2,4-Trimethylbenzene	50.000	48.662	2.7	90	0.00
85	T	sec-Butylbenzene	50.000	48.475	3.0	91	0.00
86	T	p-Isopropyltoluene	50.000	47.959	4.1	91	0.00
87	T	1,3-Dichlorobenzene	50.000	46.738	6.5	90	0.00
88	T	1,4-Dichlorobenzene	50.000	45.446	9.1	90	0.00
89	T	n-Butylbenzene	50.000	47.531	4.9	90	0.00
90	T	Hexachloroethane	50.000	47.461	5.1	90	0.00
91	T	1,2-Dichlorobenzene	50.000	46.443	7.1	90	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.697	-1.4	95	0.00
93	T	1,2,4-Trichlorobenzene	50.000	46.241	7.5	91	0.00
94	T	Hexachlorobutadiene	50.000	40.906	18.2	87	0.00
95	T	Naphthalene	50.000	51.265	-2.5	94	0.00

Sample Results: **VX047369.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047369.D
Acq On : 15 Aug 2025 17:41
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Aug 18 04:37:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.011	6.0	92	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Alliance TECHNICAL GROUP

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: TETR06
Lab Code: ACE
SDG No.: Q2886
Instrument ID: MSVOA_X
Calibration Date/Time: 08/18/2025 10:00
Lab File ID: VX047371.D
Init. Calib. Date(s): 08/15/2025 08/15/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 09:40 12:30
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.637	0.681		6.91	20
Chloromethane	0.573	0.638	0.1	11.34	20
Vinyl Chloride	0.720	0.719		-0.14	20
Bromomethane	0.291	0.248		-14.78	20
Chloroethane	0.440	0.451		2.5	20
Trichlorofluoromethane	1.065	1.060		-0.47	20
1,1,2-Trichlorotrifluoroethane	0.618	0.631		2.1	20
1,1-Dichloroethene	0.630	0.616		-2.22	20
Acetone	0.263	0.254		-3.42	20
Carbon Disulfide	1.900	1.913		0.68	20
Methyl tert-butyl Ether	1.915	1.840		-3.92	20
Methyl Acetate	0.682	0.672		-1.47	20
Methylene Chloride	0.697	0.657		-5.74	20
trans-1,2-Dichloroethene	0.668	0.633		-5.24	20
1,1-Dichloroethane	1.222	1.177	0.1	-3.68	20
Cyclohexane	1.126	1.041		-7.55	20
2-Butanone	0.344	0.330		-4.07	20
Carbon Tetrachloride	0.560	0.548		-2.14	20
cis-1,2-Dichloroethene	0.778	0.726		-6.68	20
Bromochloromethane	0.508	0.536		5.51	20
Chloroform	1.247	1.170		-6.18	20
1,1,1-Trichloroethane	1.073	1.024		-4.57	20
Methylcyclohexane	0.639	0.604		-5.48	20
Benzene	1.533	1.469		-4.18	20
1,2-Dichloroethane	0.543	0.515		-5.16	20
Trichloroethene	0.393	0.366		-6.87	20
1,2-Dichloropropane	0.384	0.368		-4.17	20
Bromodichloromethane	0.578	0.557		-3.63	20
4-Methyl-2-Pentanone	0.440	0.428		-2.73	20
Toluene	0.947	0.900		-4.96	20
t-1,3-Dichloropropene	0.505	0.497		-1.58	20
cis-1,3-Dichloropropene	0.571	0.550		-3.68	20
1,1,2-Trichloroethane	0.360	0.340		-5.56	20
2-Hexanone	0.304	0.290		-4.61	20
Dibromochloromethane	0.428	0.406		-5.14	20
1,2-Dibromoethane	0.371	0.344		-7.28	20
Tetrachloroethene	0.362	0.349		-3.59	20
Chlorobenzene	1.188	1.129	0.3	-4.97	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Raw Data: **VX047371.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	Alliance	Contract:	TETR06
Lab Code:	ACE	SDG No.:	Q2886
Instrument ID:	MSVOA_X	Calibration Date/Time:	08/18/2025 10:00
Lab File ID:	VX047371.D	Init. Calib. Date(s):	08/15/2025 08/15/2025
Heated Purge: (Y/N)	N	Init. Calib. Time(s):	09:40 12:30

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	2.045	1.968		-3.77	20
m/p-Xylenes	0.763	0.735		-3.67	20
o-Xylene	0.734	0.708		-3.54	20
Styrene	1.240	1.227		-1.05	20
Bromoform	0.302	0.297	0.1	-1.66	20
Isopropylbenzene	3.913	3.805		-2.76	20
1,1,2,2-Tetrachloroethane	1.149	1.100	0.3	-4.26	20
1,3-Dichlorobenzene	1.825	1.709		-6.36	20
1,4-Dichlorobenzene	1.877	1.719		-8.42	20
1,2-Dichlorobenzene	1.733	1.636		-5.6	20
1,2-Dibromo-3-Chloropropane	0.222	0.210		-5.41	20
1,2,4-Trichlorobenzene	1.161	1.067		-8.1	20
1,2,3-Trichlorobenzene	1.095	1.029		-6.03	20
1,2-Dichloroethane-d4	0.700	0.690		-1.43	20
Dibromofluoromethane	0.325	0.336		3.38	20
Toluene-d8	1.160	1.149		-0.95	20
4-Bromofluorobenzene	0.428	0.424		-0.94	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Sample Results: **VX047371.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
Data File : VX047371.D
Acq On : 18 Aug 2025 10:00
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 19 01:36:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	269622	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	444434	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	389564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	190181	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	186066	49.309	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 98.620%			
35) Dibromofluoromethane	5.397	113	149242	51.741	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.480%			
50) Toluene-d8	8.647	98	510697	49.536	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.080%			
62) 4-Bromofluorobenzene	11.079	95	188302	49.495	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.980%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	183604	53.419	ug/l	99
3) Chloromethane	1.307	50	172140	55.674	ug/l	98
4) Vinyl Chloride	1.392	62	193962	49.979	ug/l	89
5) Bromomethane	1.624	94	66879	42.665	ug/l	94
6) Chloroethane	1.703	64	121687	51.248	ug/l	92
7) Trichlorofluoromethane	1.904	101	285927	49.809	ug/l	99
8) Diethyl Ether	2.148	74	98695	48.828	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.349	101	170115	51.087	ug/l	98
10) Methyl Iodide	2.471	142	230213	40.343	ug/l	97
11) Tert butyl alcohol	2.959	59	79871	243.310	ug/l	99
12) 1,1-Dichloroethene	2.337	96	166109	48.931	ug/l	100
13) Acrolein	2.245	56	97377	140.523	ug/l	100
14) Allyl chloride	2.678	41	273602	46.403	ug/l	97
15) Acrylonitrile	3.081	53	391108	246.561	ug/l	100
16) Acetone	2.392	43	342152	241.230	ug/l	98
17) Carbon Disulfide	2.526	76	515723	50.344	ug/l	99
18) Methyl Acetate	2.715	43	181273	49.319	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	496038	48.031	ug/l	99
20) Methylene Chloride	2.800	84	177230	47.188	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	170589	47.345	ug/l	98
22) Diisopropyl ether	3.769	45	566100	48.571	ug/l	96
23) Vinyl Acetate	3.733	43	2308563	241.659	ug/l	100
24) 1,1-Dichloroethane	3.623	63	317338	48.171	ug/l	98
25) 2-Butanone	4.562	43	445204	239.666	ug/l	99
26) 2,2-Dichloropropane	4.489	77	233509	46.963	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	195846	46.668	ug/l	99
28) Bromochloromethane	4.903	49	144569	52.737	ug/l	98
29) Tetrahydrofuran	5.019	42	275691	229.620	ug/l	99
30) Chloroform	5.099	83	315459	46.921	ug/l	96
31) Cyclohexane	5.477	56	280615	46.209	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	276215	47.731	ug/l	99
36) 1,1-Dichloropropene	5.702	75	216239	47.491	ug/l	98
37) Ethyl Acetate	4.714	43	232054	49.091	ug/l	98
38) Carbon Tetrachloride	5.684	117	243389	48.915	ug/l	98
39) Methylcyclohexane	7.385	83	268330	47.245	ug/l	95
40) Benzene	6.043	78	653043	47.917	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
Data File : VX047371.D
Acq On : 18 Aug 2025 10:00
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 19 01:36:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.934	41	95846	48.083	ug/l		96
42) 1,2-Dichloroethane	6.092	62	228939	47.424	ug/l		99
43) Isopropyl Acetate	6.342	43	323127	47.583	ug/l		100
44) Trichloroethene	7.129	130	162678	46.616	ug/l		100
45) 1,2-Dichloropropane	7.433	63	163590	47.913	ug/l		99
46) Dibromomethane	7.580	93	117704	47.485	ug/l		99
47) Bromodichloromethane	7.824	83	247713	48.205	ug/l		99
48) Methyl methacrylate	7.696	41	166270	47.171	ug/l		99
49) 1,4-Dioxane	7.683	88	34744	1013.952	ug/l		98
51) 4-Methyl-2-Pentanone	8.574	43	952145	243.653	ug/l		98
52) Toluene	8.720	92	400051	47.503	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	221043	49.287	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	244614	48.187	ug/l		98
55) 1,1,2-Trichloroethane	9.147	97	151070	47.246	ug/l		97
56) Ethyl methacrylate	9.116	69	224978	47.723	ug/l		99
57) 1,3-Dichloropropane	9.305	76	255427	46.880	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	514434	229.244	ug/l		99
59) 2-Hexanone	9.427	43	643715	238.139	ug/l		100
60) Dibromochloromethane	9.518	129	180536	47.510	ug/l		98
61) 1,2-Dibromoethane	9.610	107	152751	46.327	ug/l		99
64) Tetrachloroethene	9.275	164	135984	48.259	ug/l		99
65) Chlorobenzene	10.079	112	439867	47.514	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	151414	48.384	ug/l		99
67) Ethyl Benzene	10.189	91	766794	48.124	ug/l		100
68) m/p-Xylenes	10.299	106	572388	96.341	ug/l		99
69) o-Xylene	10.640	106	275968	48.267	ug/l		99
70) Styrene	10.652	104	478038	49.483	ug/l		100
71) Bromoform	10.799	173	115849	49.276	ug/l	#	99
73) Isopropylbenzene	10.957	105	723706	48.628	ug/l		99
74) N-amyl acetate	10.841	43	278569	49.291	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	209247	47.887	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	162113m	46.476	ug/l		
77) Bromobenzene	11.195	156	171756	47.261	ug/l		98
78) n-propylbenzene	11.299	91	869019	48.892	ug/l		100
79) 2-Chlorotoluene	11.360	91	503902	46.898	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	590722	48.241	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	24594	33.692	ug/l		99
82) 4-Chlorotoluene	11.451	91	597497	47.174	ug/l		100
83) tert-Butylbenzene	11.713	119	596984	48.866	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	592440	48.380	ug/l		100
85) sec-Butylbenzene	11.890	105	735112	48.547	ug/l		100
86) p-Isopropyltoluene	12.006	119	618942	48.304	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	325052	46.819	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	326917	45.783	ug/l		99
89) n-Butylbenzene	12.329	91	569584	47.792	ug/l		100
90) Hexachloroethane	12.536	117	108936	48.462	ug/l		99
91) 1,2-Dichlorobenzene	12.329	146	311081	47.206	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	39921	47.241	ug/l		100
93) 1,2,4-Trichlorobenzene	13.585	180	202922	45.933	ug/l		99
94) Hexachlorobutadiene	13.719	225	65173	41.446	ug/l		99
95) Naphthalene	13.774	128	605337	47.948	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	195721	47.001	ug/l		98

Sample Results: **VX047371.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
Data File : VX047371.D
Acq On : 18 Aug 2025 10:00
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025

Quant Time: Aug 19 01:36:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 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\VX081825\
Data File : VX047371.D
Acq On : 18 Aug 2025 10:00
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
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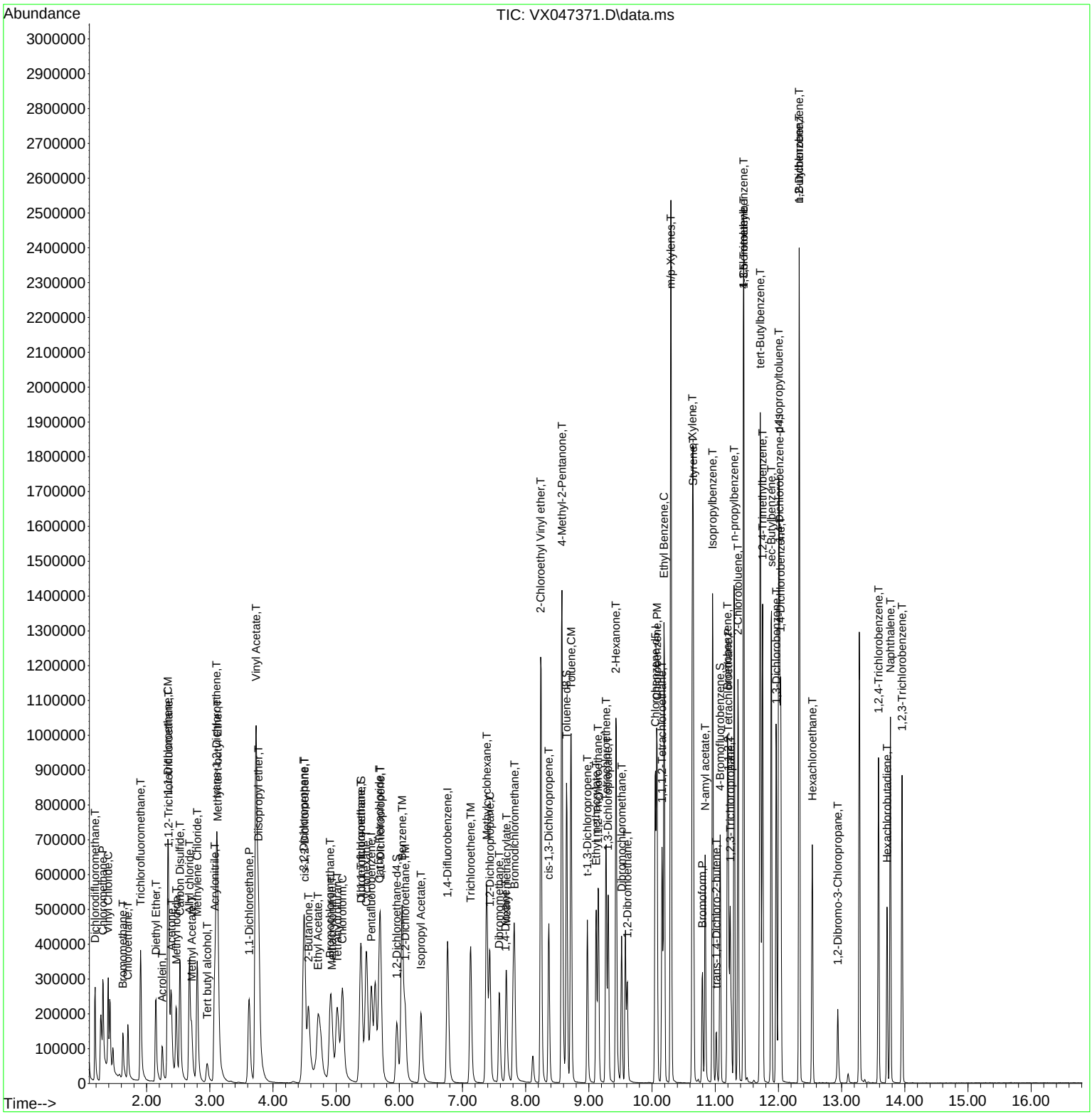
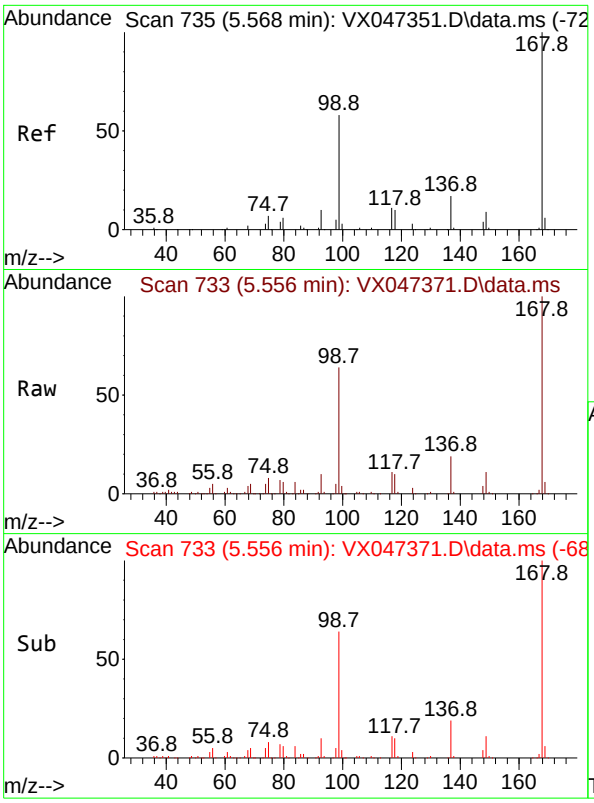
Quant Time: Aug 19 01:36:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025

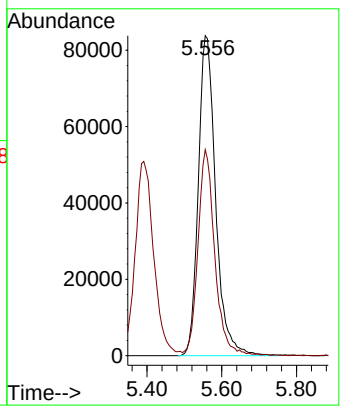




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.012 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion:168 Resp: 26962

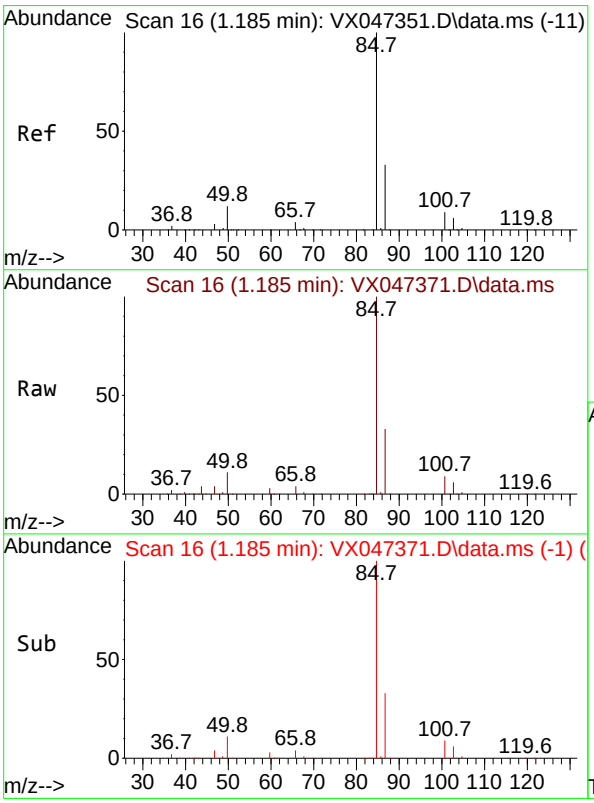
Ion	Ratio	Lower	Upper
168	100		
99	64.2	47.9	71.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

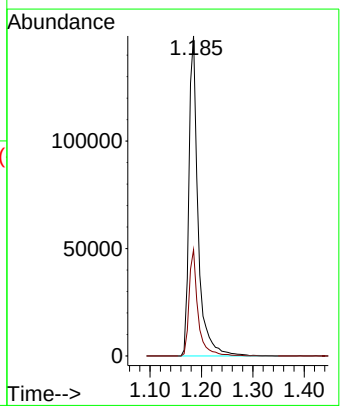
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025

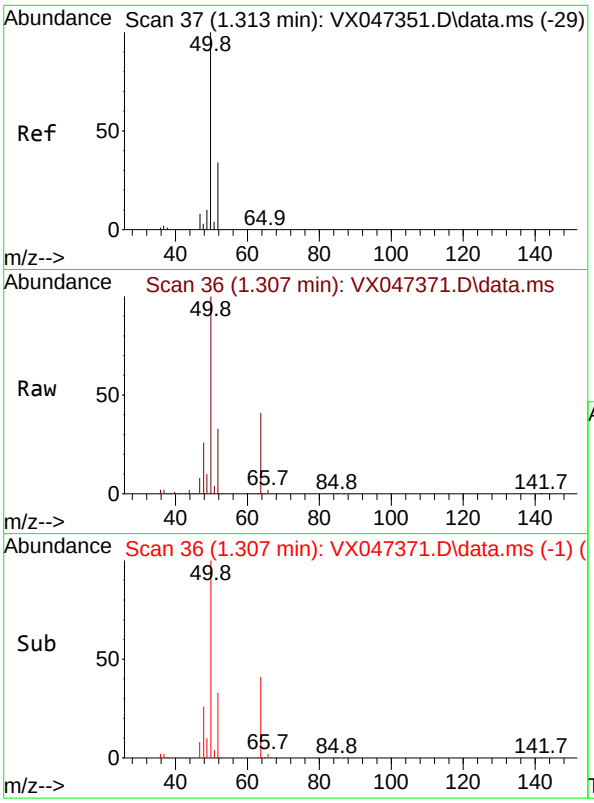


#2
Dichlorodifluoromethane
Concen: 53.419 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 85 Resp: 183604

Ion	Ratio	Lower	Upper
85	100		
87	33.2	16.4	49.1

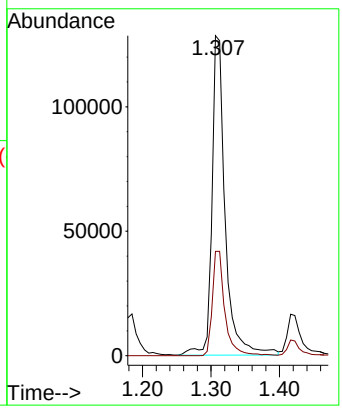




#3
Chloromethane
Concen: 55.674 ug/l
RT: 1.307 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 50 Resp: 17214

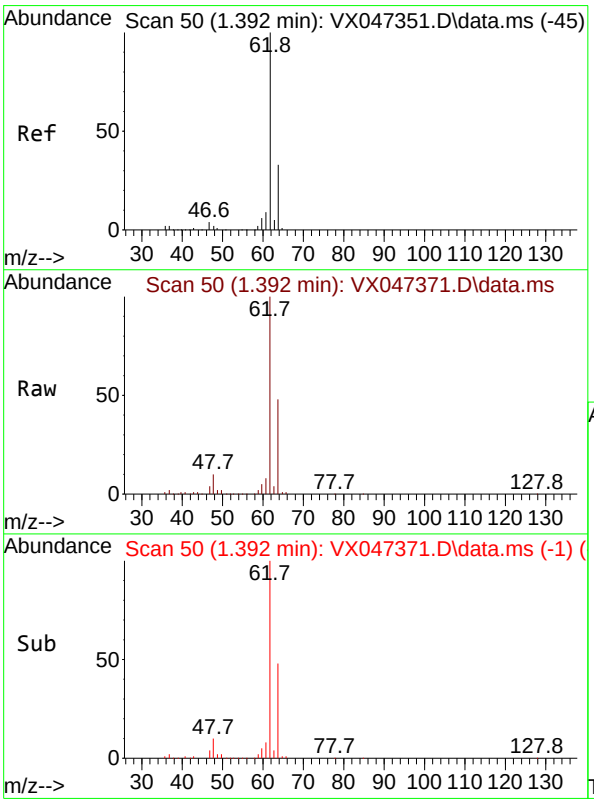
Ion	Ratio	Lower	Upper
50	100		
52	32.7	27.0	40.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

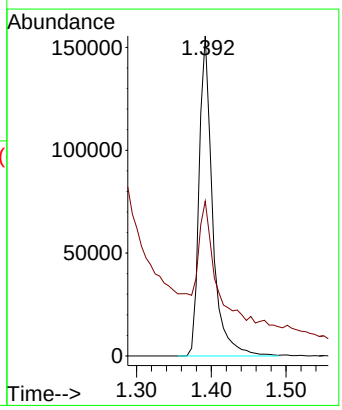
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025

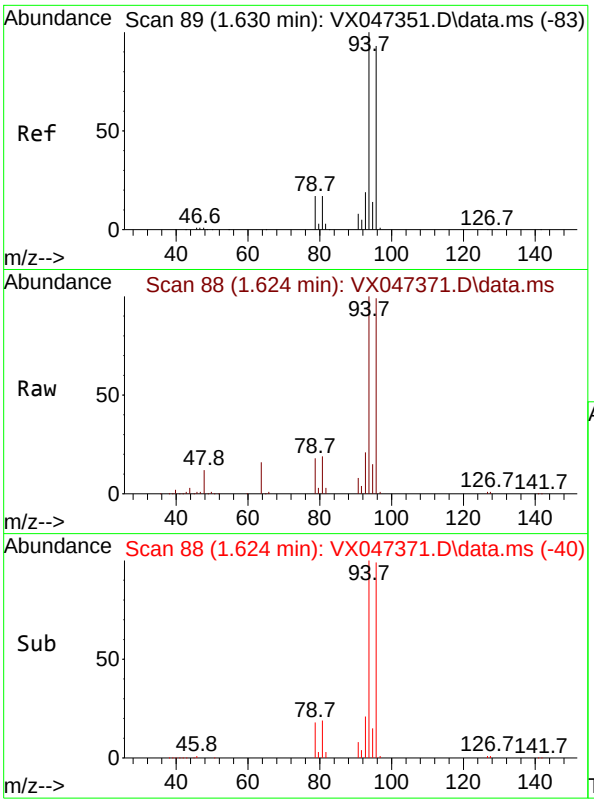


#4
Vinyl Chloride
Concen: 49.979 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 62 Resp: 193962

Ion	Ratio	Lower	Upper
62	100		
64	39.3	26.5	39.7





#5
Bromomethane
Concen: 42.665 ug/l
RT: 1.624 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 94 Resp: 6687

Ion	Ratio	Lower	Upper
94	100		
96	99.4	74.7	112.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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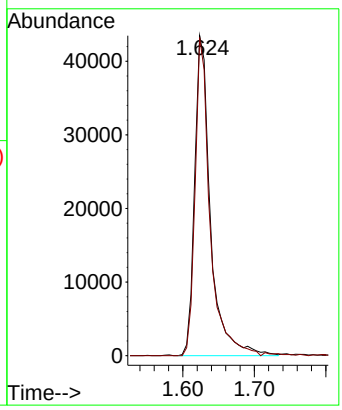
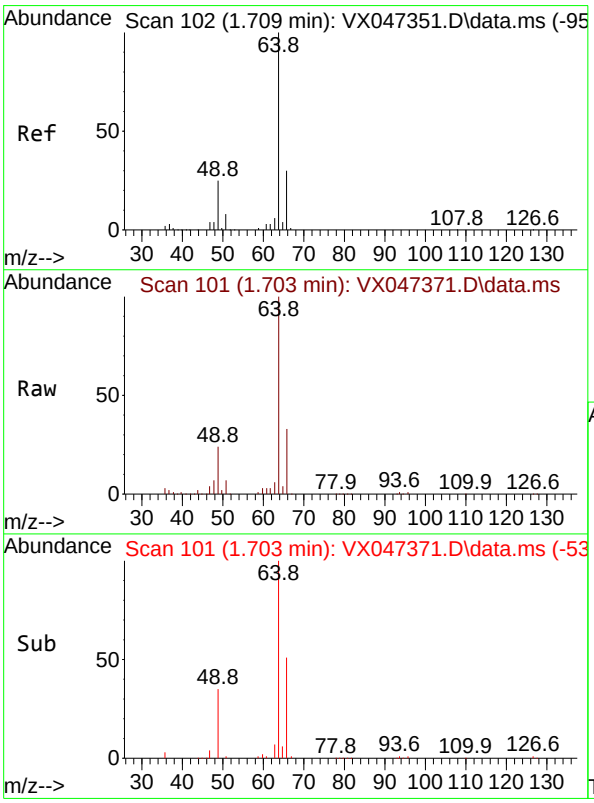
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025

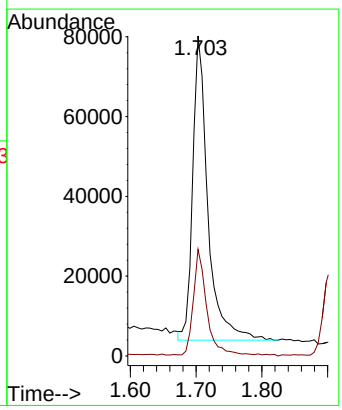


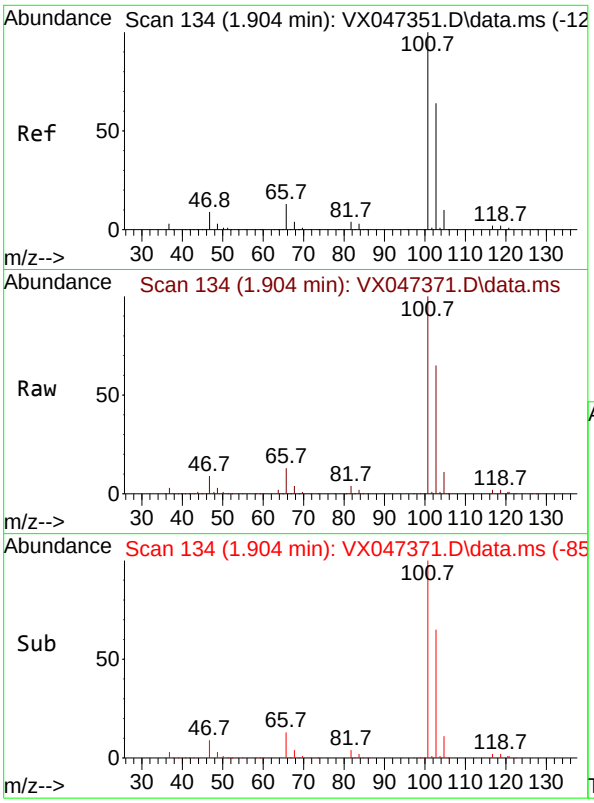


#6
Chloroethane
Concen: 51.248 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 64 Resp: 121687

Ion	Ratio	Lower	Upper
64	100		
66	35.1	24.4	36.6





#7
Trichlorofluoromethane
Concen: 49.809 ug/l
RT: 1.904 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion:101 Resp: 2859

Ion	Ratio	Lower	Upper
101	100		
103	64.5	50.9	76.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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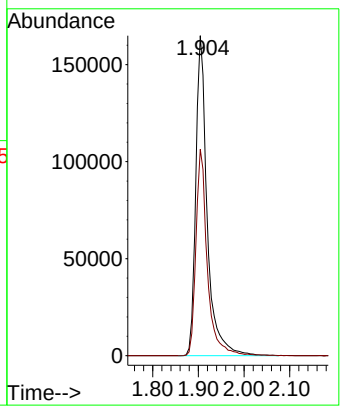
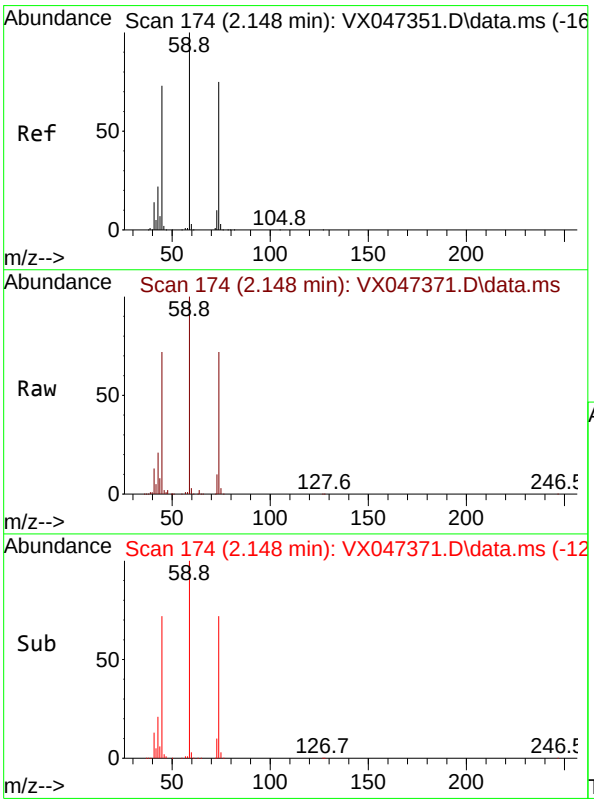
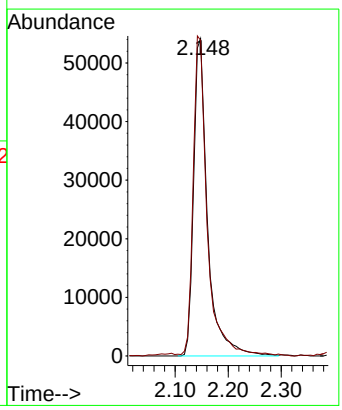


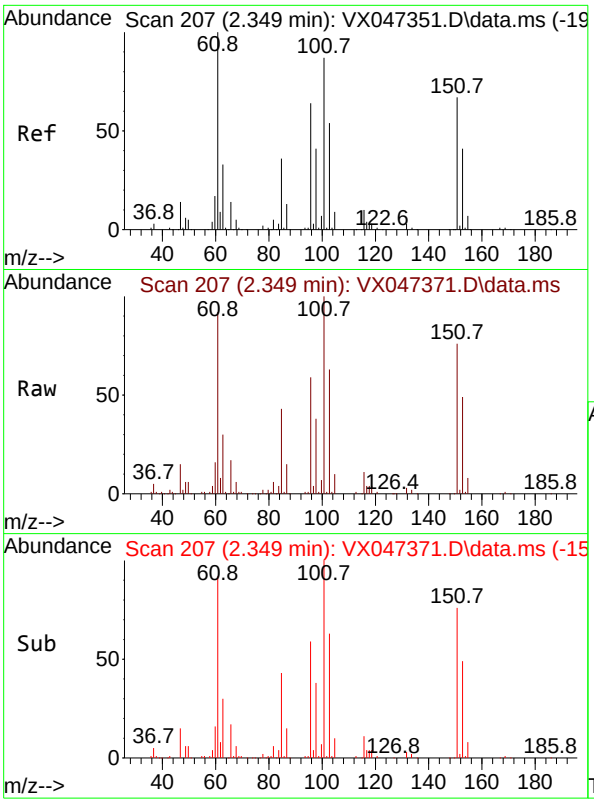


#8
Diethyl Ether
Concen: 48.828 ug/l
RT: 2.148 min Scan# 174
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 74 Resp: 98695

Ion	Ratio	Lower	Upper
74	100		
45	99.9	51.3	154.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.087 ug/l
RT: 2.349 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion:101 Resp: 17011

Ion	Ratio	Lower	Upper
101	100		
85	43.7	34.3	51.5
151	75.8	59.2	88.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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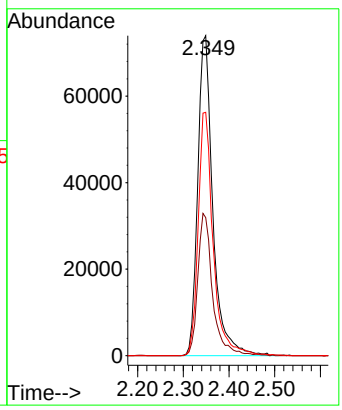
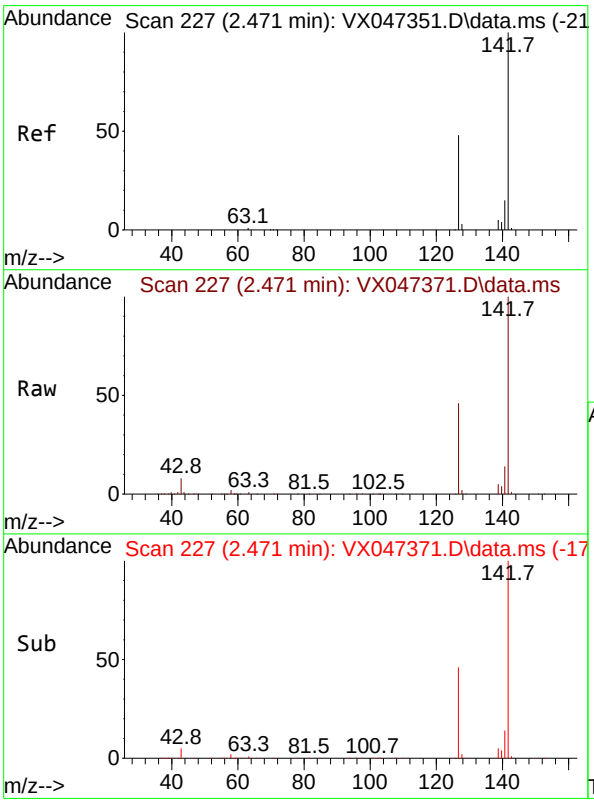
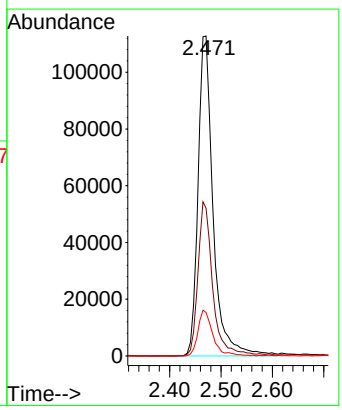


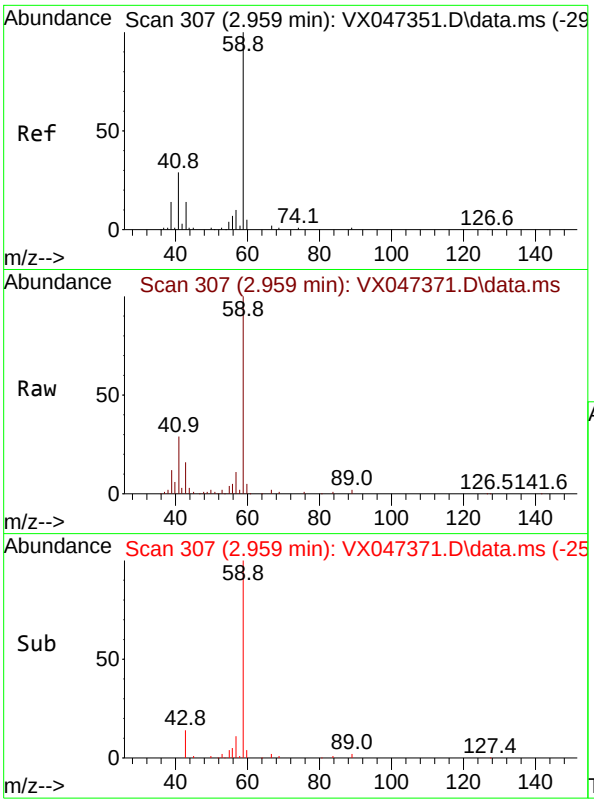


#10
Methyl Iodide
Concen: 40.343 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion:142 Resp: 230213

Ion	Ratio	Lower	Upper
142	100		
127	47.2	36.1	54.1
141	14.1	11.1	16.7

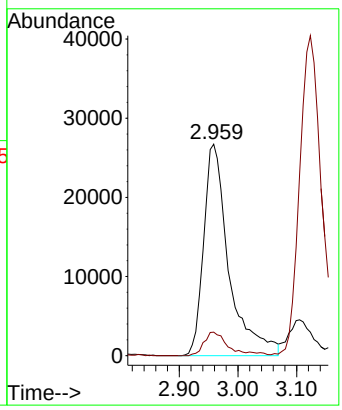




#11
Tert butyl alcohol
Concen: 243.310 ug/l
RT: 2.959 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 59 Resp: 7987

Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.3	12.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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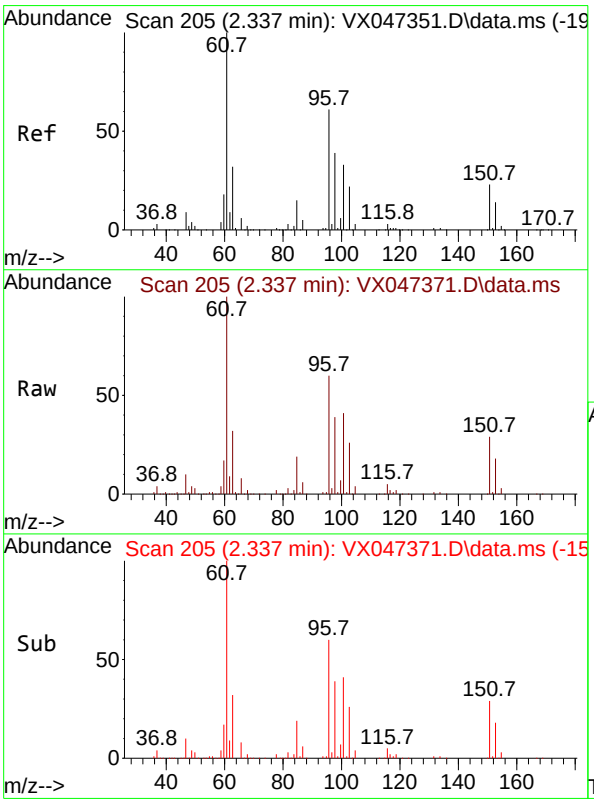
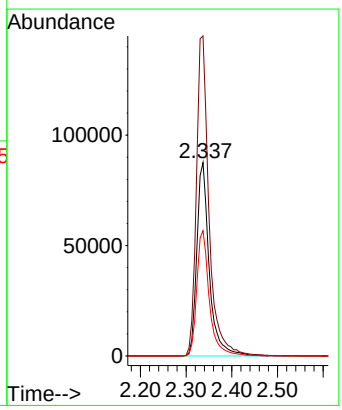
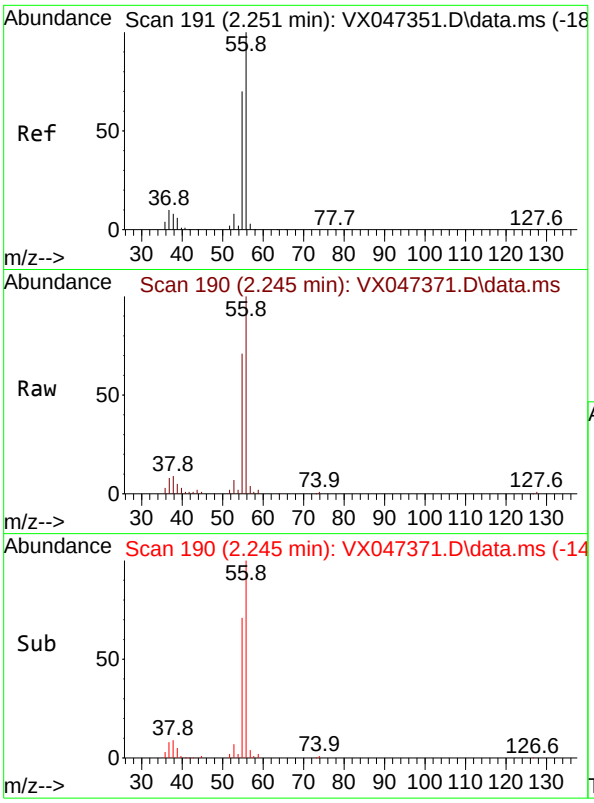


#12
1,1-Dichloroethene
Concen: 48.931 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 96 Resp: 166109

Ion	Ratio	Lower	Upper
96	100		
61	165.5	132.2	198.2
98	64.8	51.2	76.8

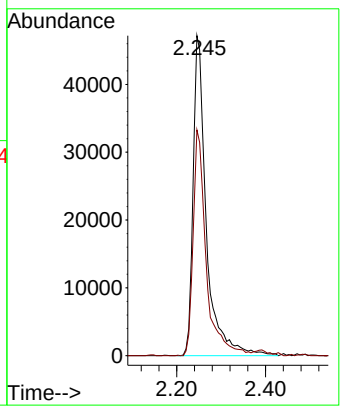




#13
Acrolein
Concen: 140.523 ug/l
RT: 2.245 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 56 Resp: 9737

Ion	Ratio	Lower	Upper
56	100		
55	69.6	55.5	83.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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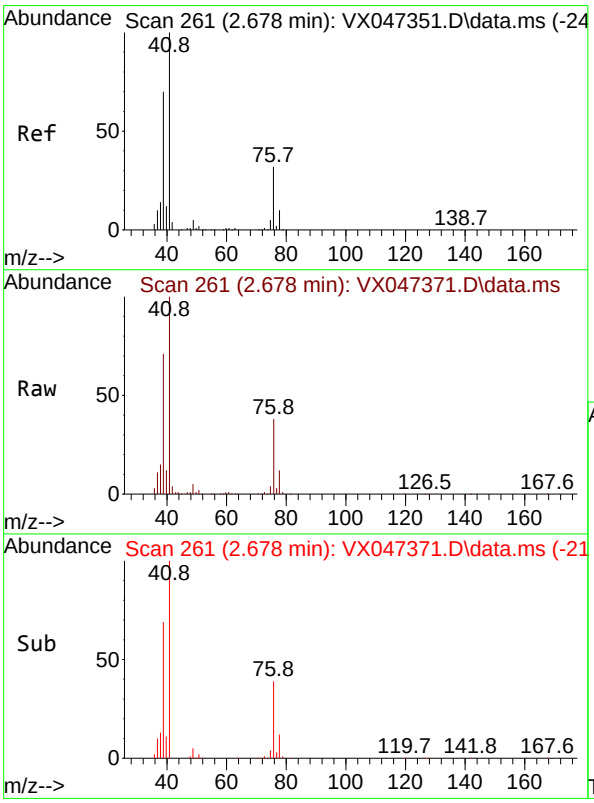
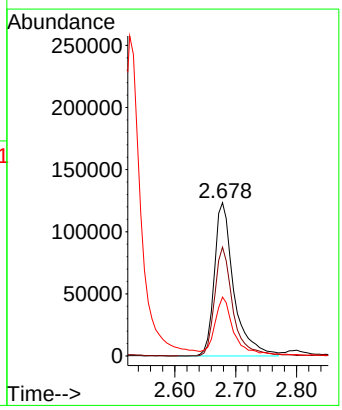
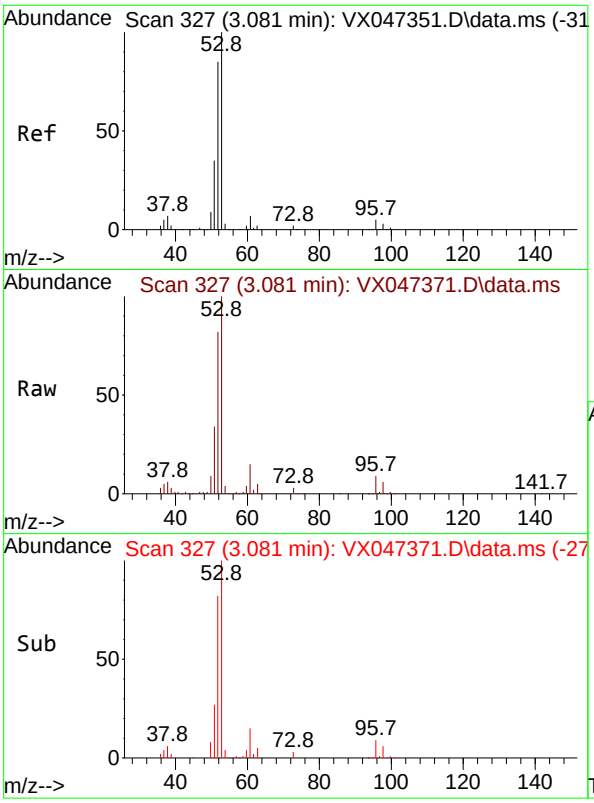


#14
Allyl chloride
Concen: 46.403 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 41 Resp: 273602

Ion	Ratio	Lower	Upper
41	100		
39	67.0	54.6	81.8
76	37.7	27.6	41.4

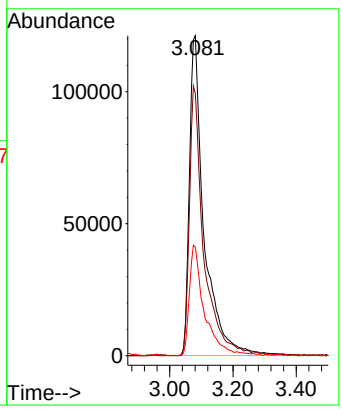




#15
Acrylonitrile
Concen: 246.561 ug/l
RT: 3.081 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 53 Resp: 39110

Ion	Ratio	Lower	Upper
53	100		
52	82.4	65.8	98.6
51	35.5	28.2	42.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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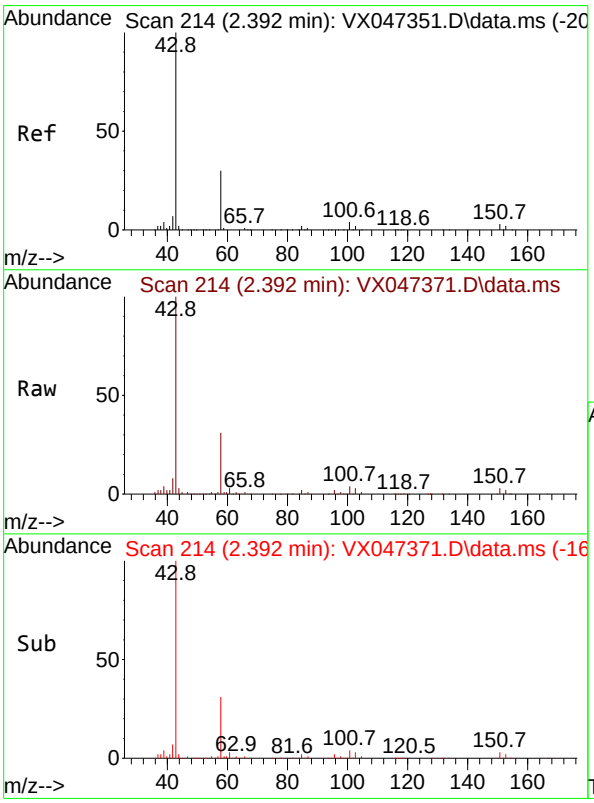
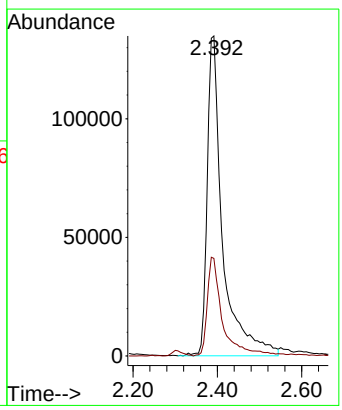
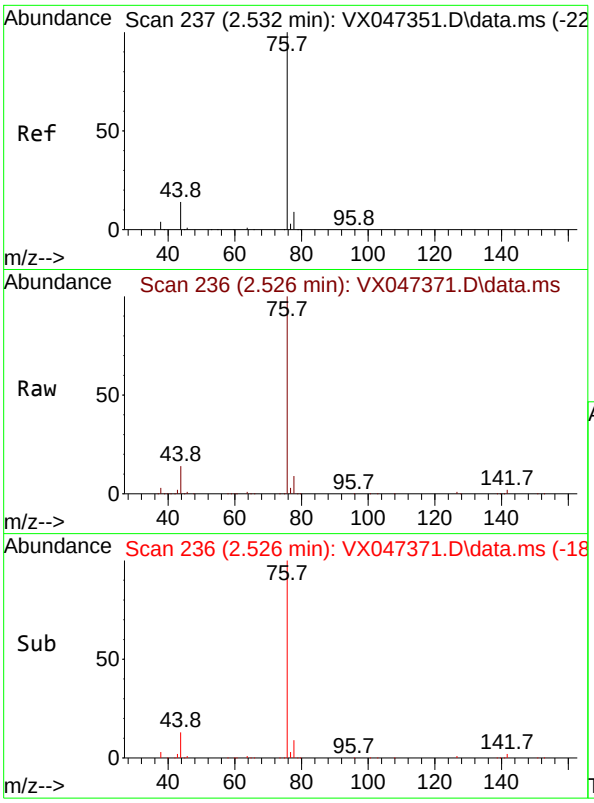


#16
Acetone
Concen: 241.230 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 43 Resp: 342152

Ion	Ratio	Lower	Upper
43	100		
58	29.8	24.8	37.2





#17
Carbon Disulfide
Concen: 50.344 ug/l
RT: 2.526 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 76 Resp: 51572

Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.2	10.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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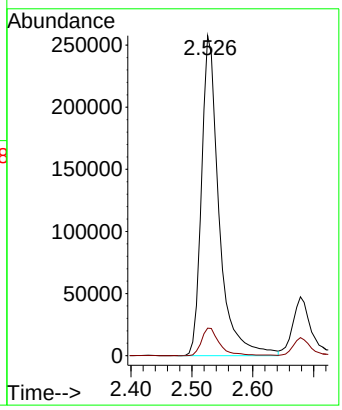
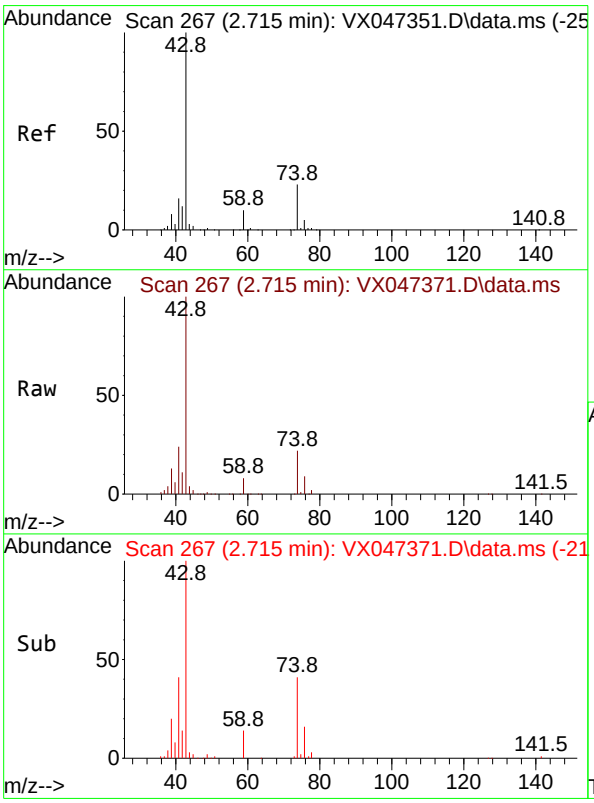
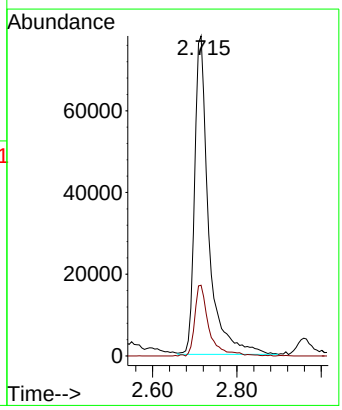


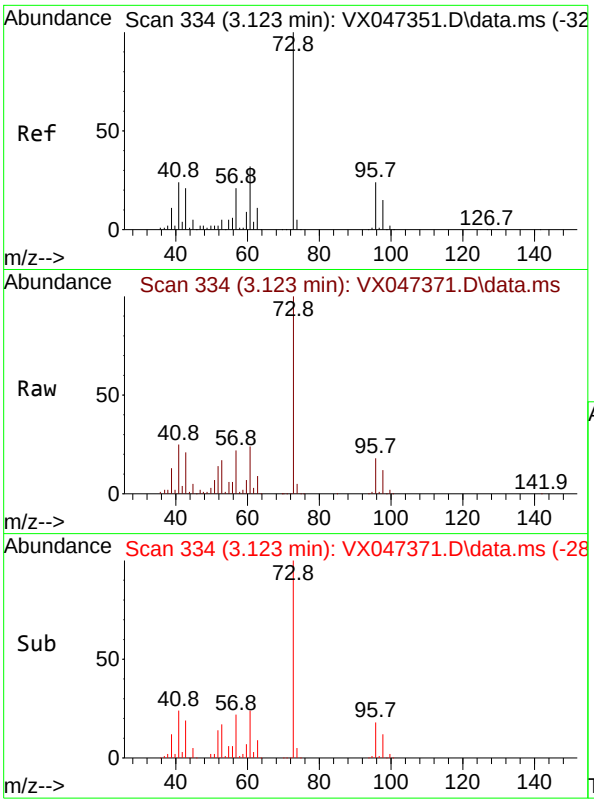


#18
Methyl Acetate
Concen: 49.319 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 43 Resp: 181273

Ion	Ratio	Lower	Upper
43	100		
74	22.6	18.4	27.6

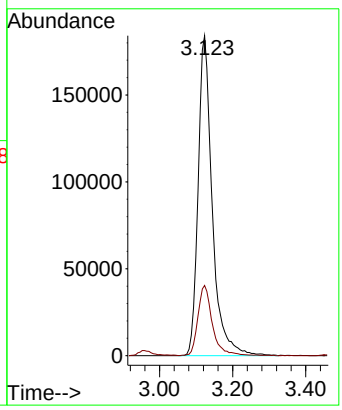




#19
Methyl tert-butyl Ether
Concen: 48.031 ug/l
RT: 3.123 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 73 Resp: 49603

Ion	Ratio	Lower	Upper
73	100		
57	22.0	17.0	25.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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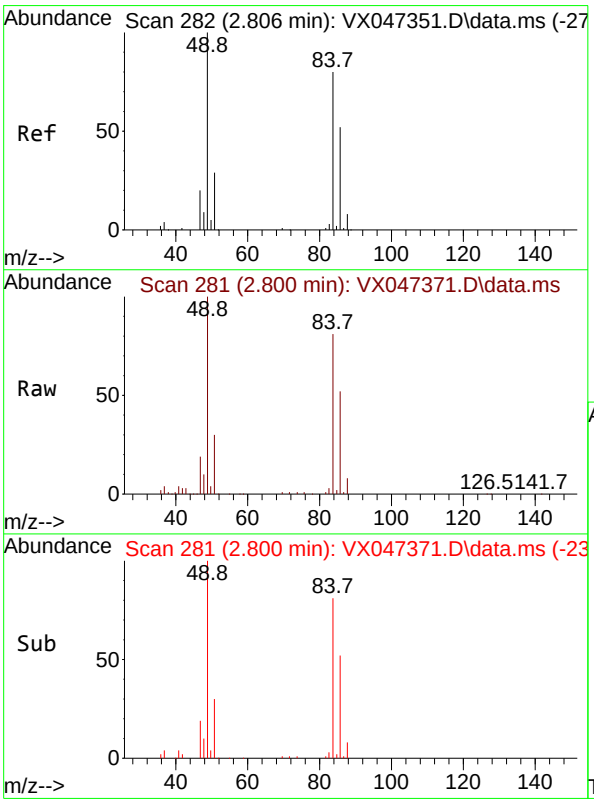
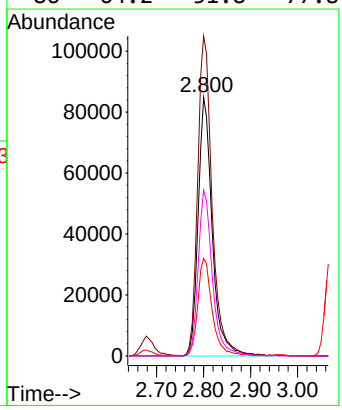
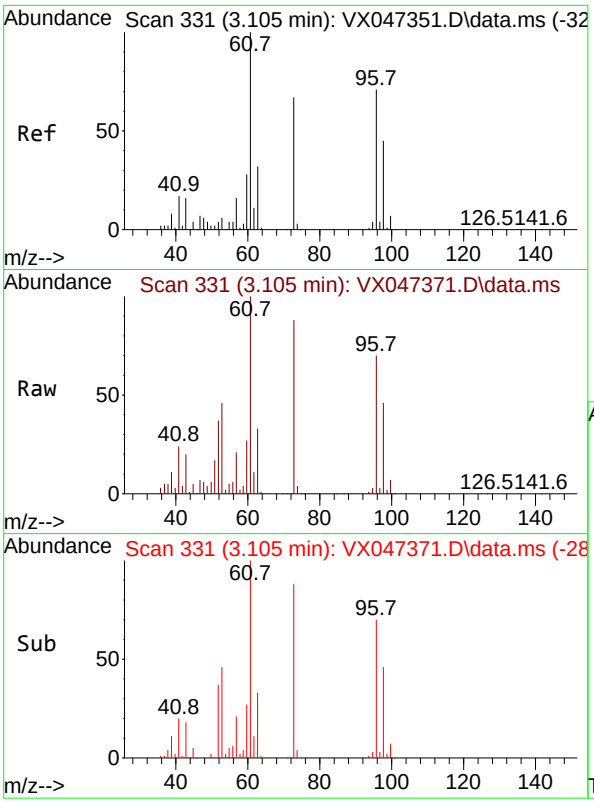


#20
Methylene Chloride
Concen: 47.188 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 84 Resp: 177230

Ion	Ratio	Lower	Upper
84	100		
49	123.5	100.1	150.1
51	37.6	29.5	44.3
86	64.2	51.8	77.8

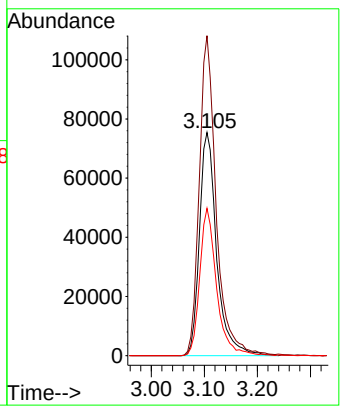




#21
trans-1,2-Dichloroethene
Concen: 47.345 ug/l
RT: 3.105 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 96 Resp: 17058

Ion	Ratio	Lower	Upper
96	100		
61	143.4	112.6	169.0
98	66.0	50.9	76.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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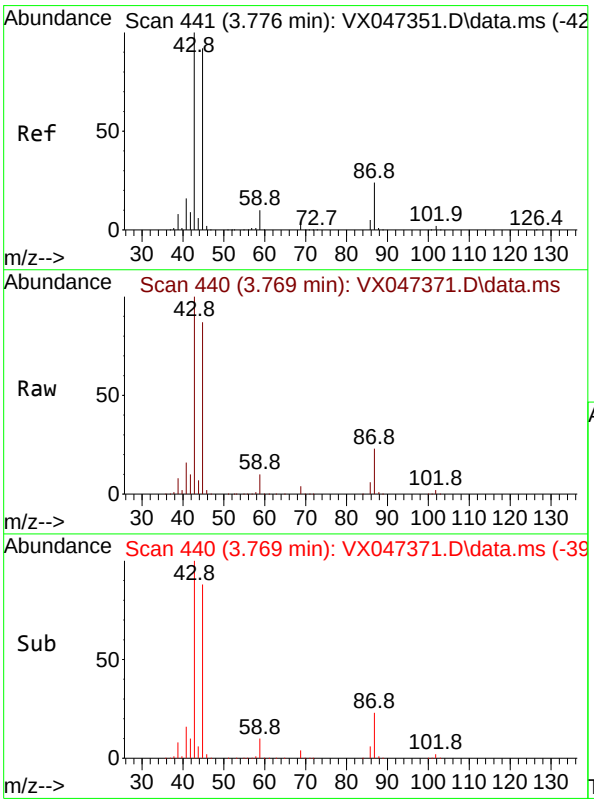
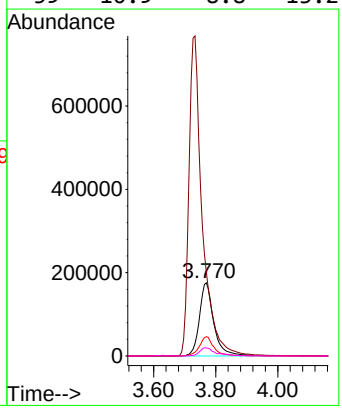
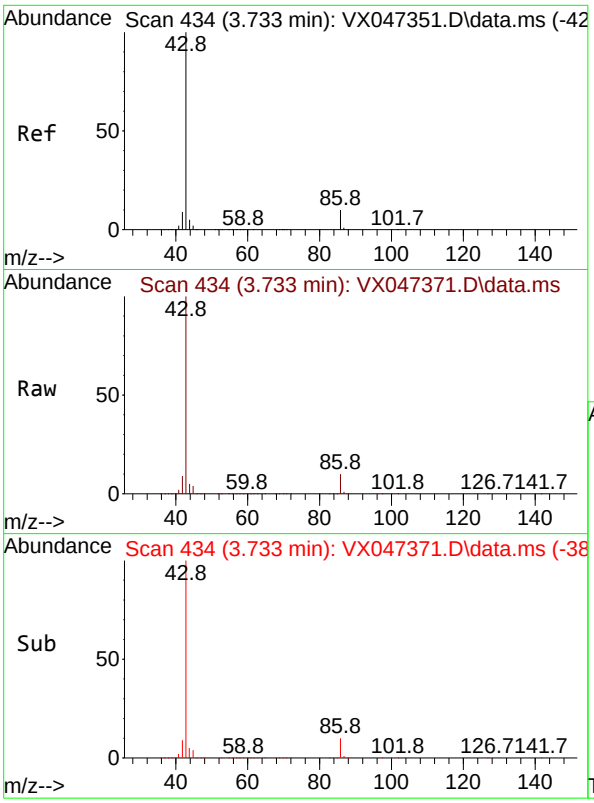


#22
Diisopropyl ether
Concen: 48.571 ug/l
RT: 3.769 min Scan# 440
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 45 Resp: 566100

Ion	Ratio	Lower	Upper
45	100		
43	114.0	86.8	130.2
87	26.3	20.4	30.6
59	10.9	8.8	13.2

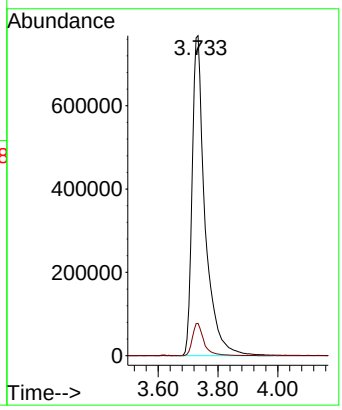




#23
Vinyl Acetate
Concen: 241.659 ug/l
RT: 3.733 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 43 Resp: 230856

Ion	Ratio	Lower	Upper
43	100		
86	10.1	7.9	11.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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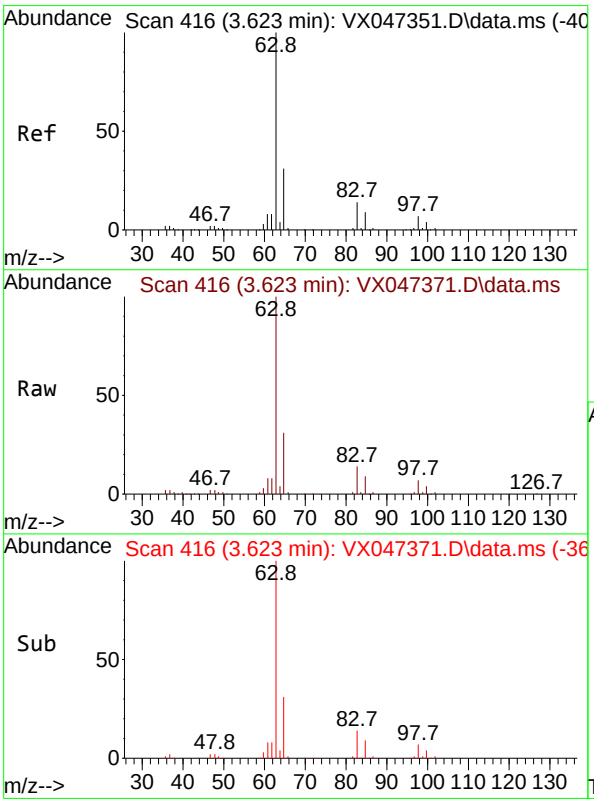
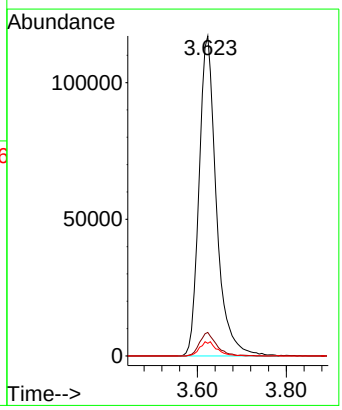
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025

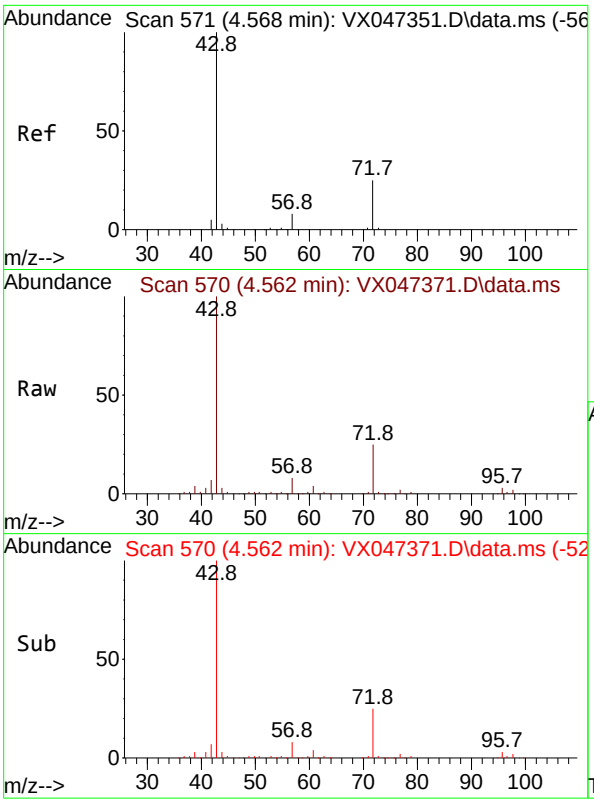


#24
1,1-Dichloroethane
Concen: 48.171 ug/l
RT: 3.623 min Scan# 416
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 63 Resp: 317338

Ion	Ratio	Lower	Upper
63	100		
98	7.4	3.3	9.9
100	3.9	2.1	6.3

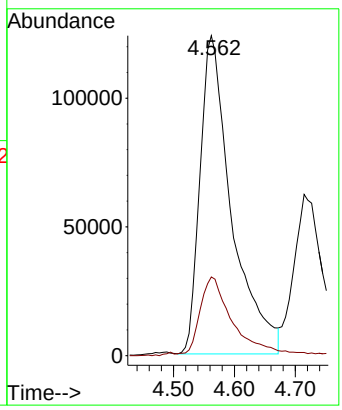




#25
2-Butanone
Concen: 239.666 ug/l
RT: 4.562 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 43 Resp: 44520

Ion	Ratio	Lower	Upper
43	100		
72	24.1	19.8	29.8



Instrument :
MSVOA_X
ClientSampleId :
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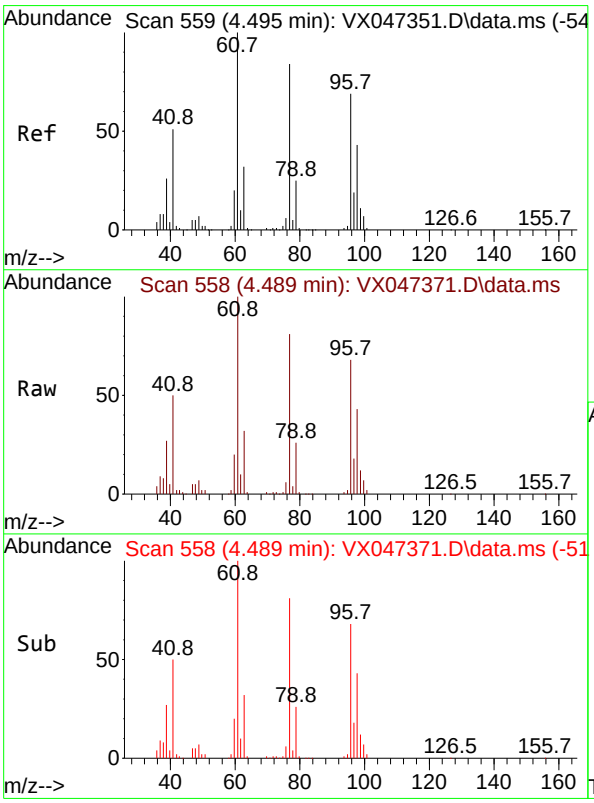
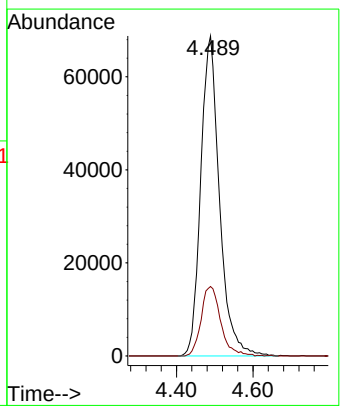
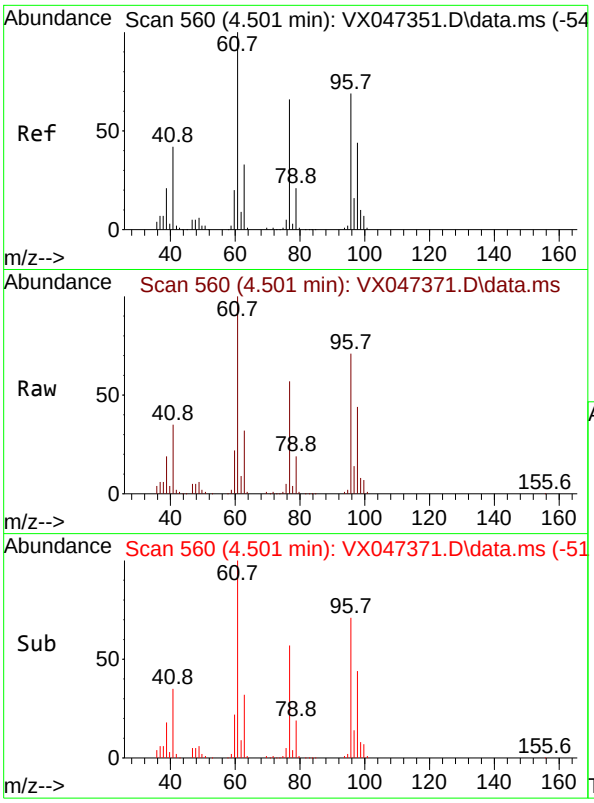


#26
2,2-Dichloropropane
Concen: 46.963 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 77 Resp: 233509

Ion	Ratio	Lower	Upper
77	100		
97	22.7	11.4	34.1

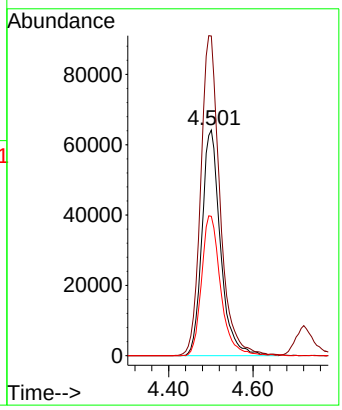




#27
cis-1,2-Dichloroethene
Concen: 46.668 ug/l
RT: 4.501 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 96 Resp: 19584

Ion	Ratio	Lower	Upper
96	100		
61	147.7	0.0	296.6
98	64.0	0.0	130.4



Instrument :
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ClientSampleId :
VSTDCCC050

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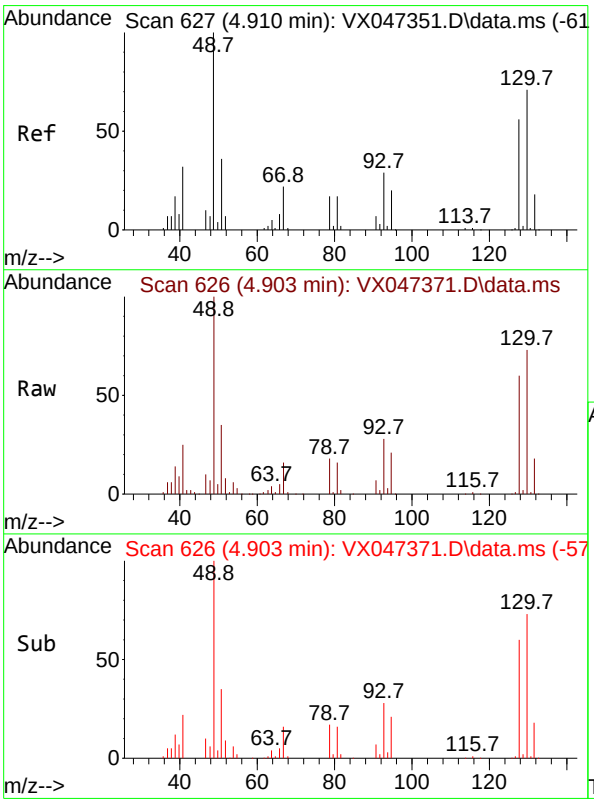
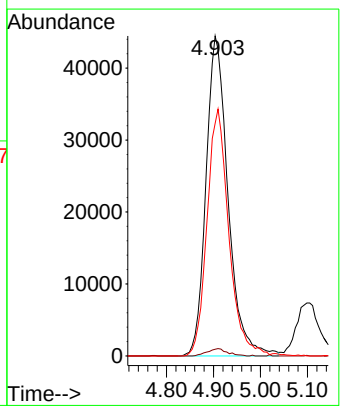
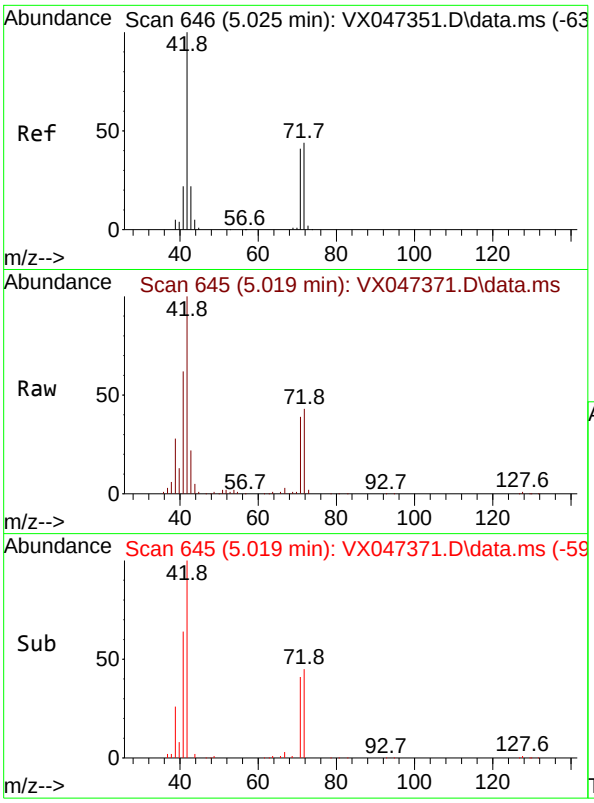


#28
Bromochloromethane
Concen: 52.737 ug/l
RT: 4.903 min Scan# 626
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 49 Resp: 144569

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	76.5	59.8	89.6





#29
Tetrahydrofuran
Concen: 229.620 ug/l
RT: 5.019 min Scan# 64
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 42 Resp: 27569

Ion	Ratio	Lower	Upper
42	100		
72	42.8	34.6	51.8
71	41.3	32.6	49.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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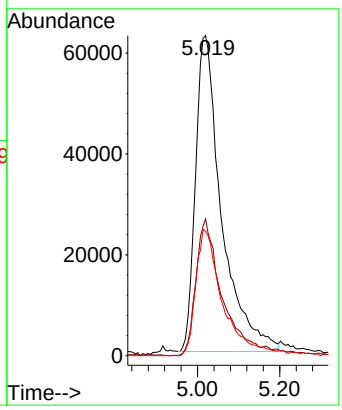
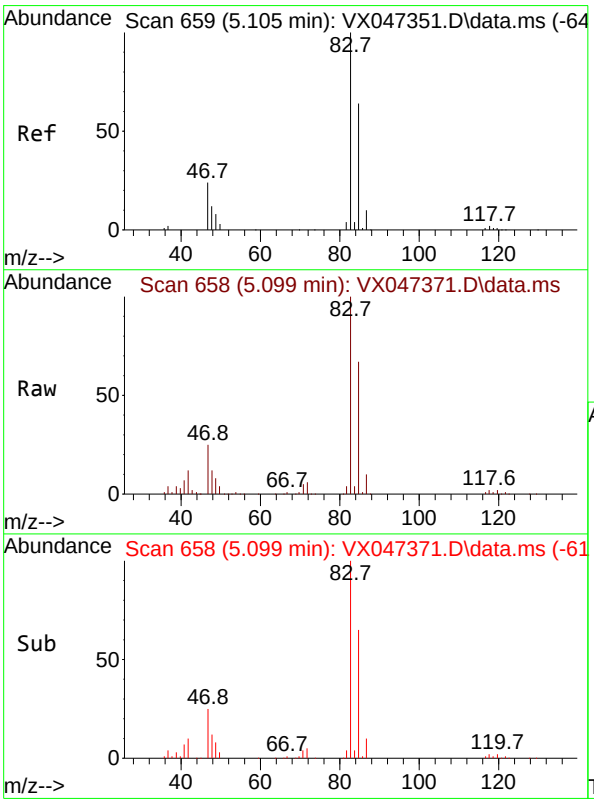
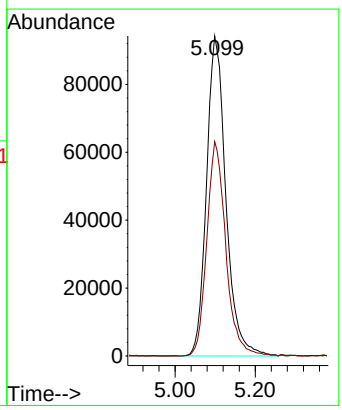


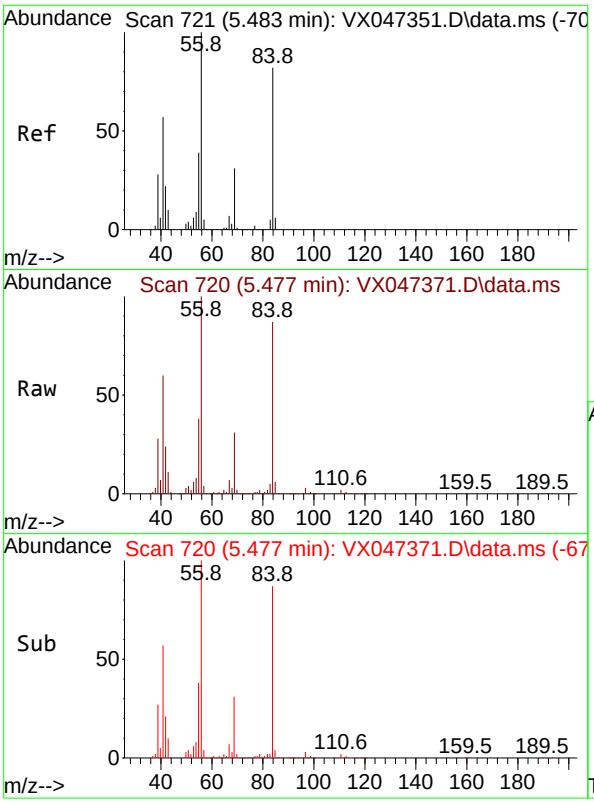


#30
Chloroform
Concen: 46.921 ug/l
RT: 5.099 min Scan# 658
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 83 Resp: 315459

Ion	Ratio	Lower	Upper
83	100		
85	67.0	51.2	76.8

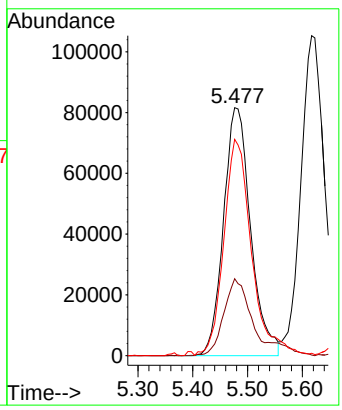




#31
Cyclohexane
Concen: 46.209 ug/l
RT: 5.477 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 56 Resp: 28061

Ion	Ratio	Lower	Upper
56	100		
69	30.8	24.3	36.5
84	87.1	65.3	97.9



Instrument :
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ClientSampleId :
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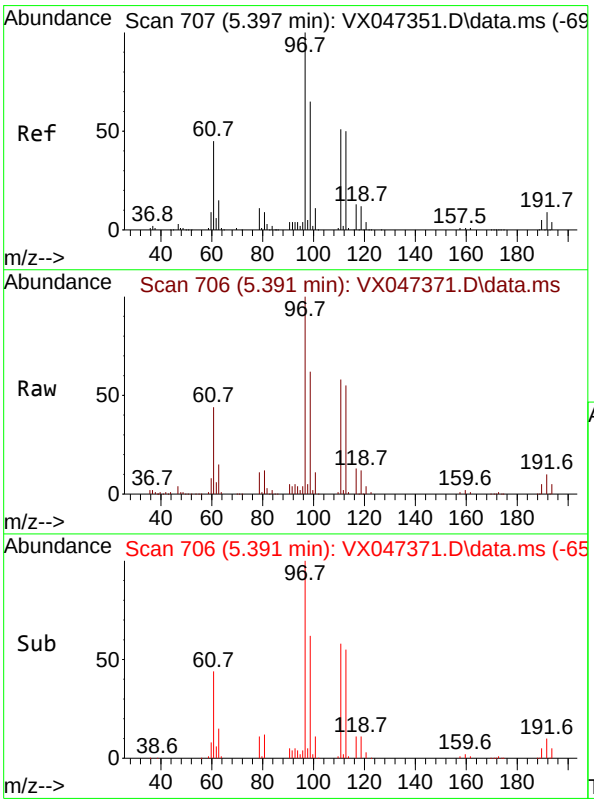
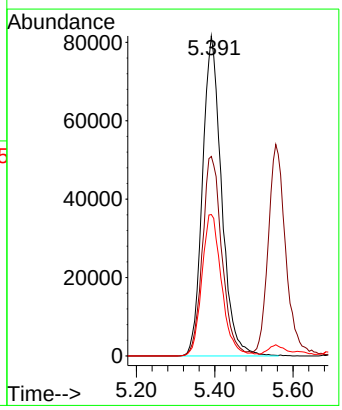
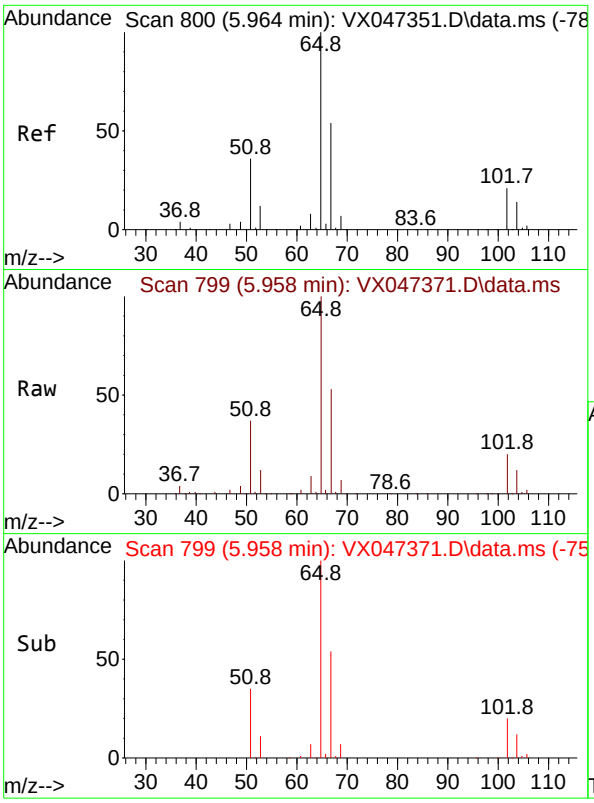


#32
1,1,1-Trichloroethane
Concen: 47.731 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 97 Resp: 276215

Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.4	77.0
61	45.9	35.7	53.5

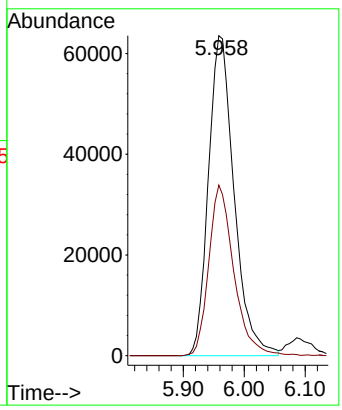




#33
1,2-Dichloroethane-d4
Concen: 49.309 ug/l
RT: 5.958 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 65 Resp: 18606

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	106.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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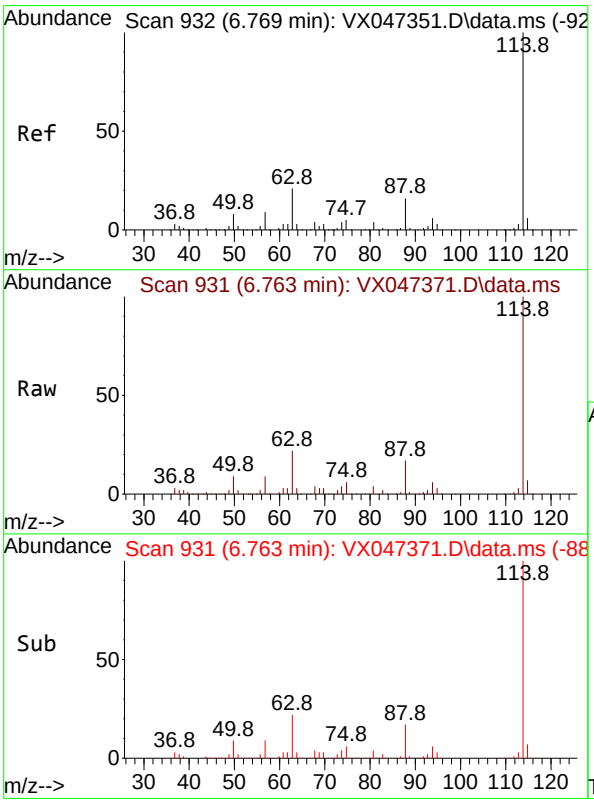
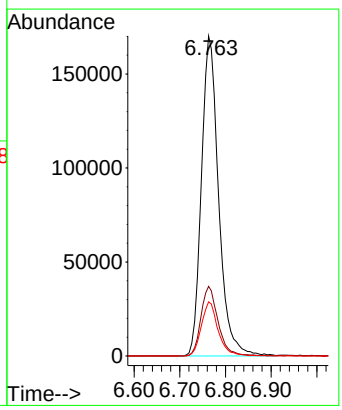
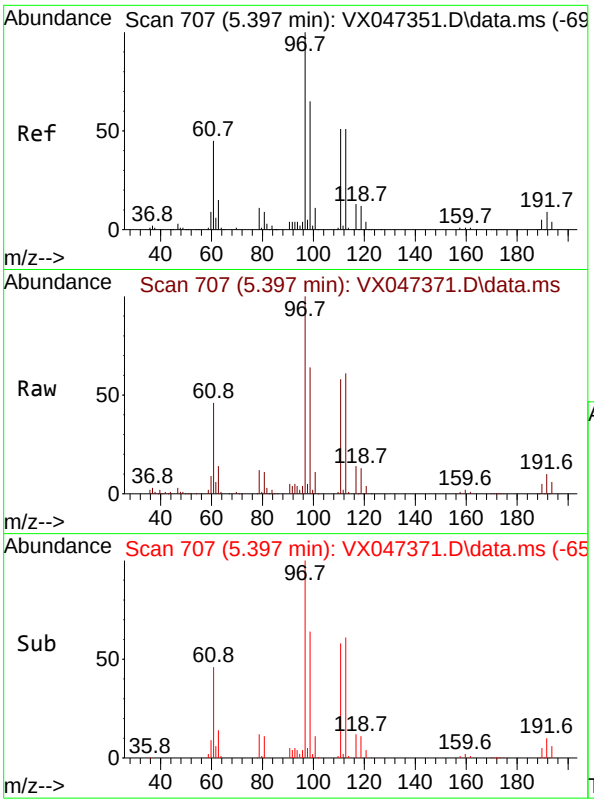


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion:114 Resp: 444434

Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	42.4
88	16.9	0.0	33.0





#35
Dibromofluoromethane
Concen: 51.741 ug/l
RT: 5.397 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion:113 Resp: 14924

Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.4	122.2
192	18.2	14.1	21.1

Instrument :
MSVOA_X
ClientSampleId :
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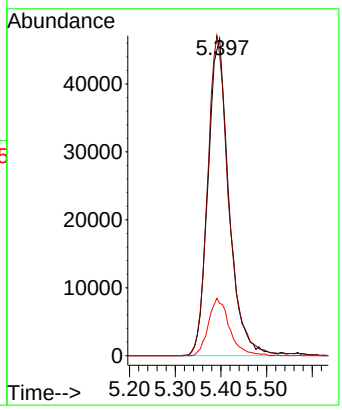
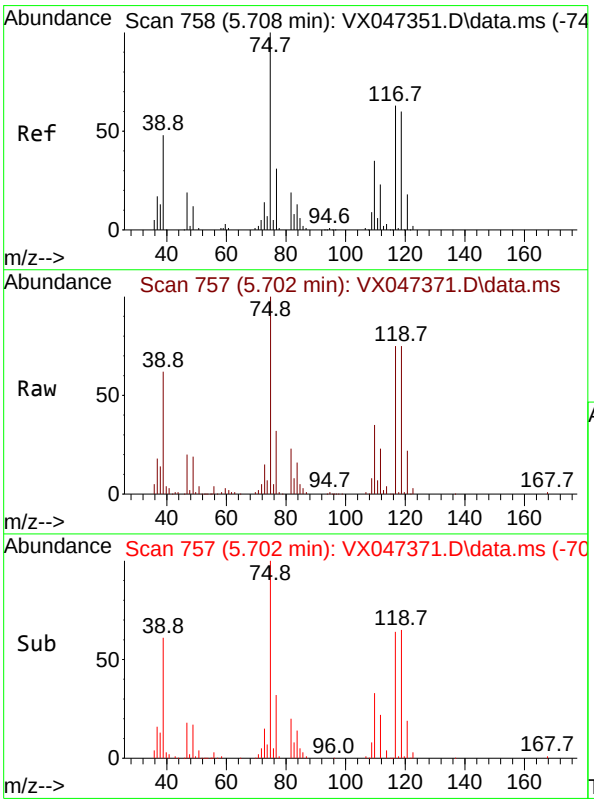
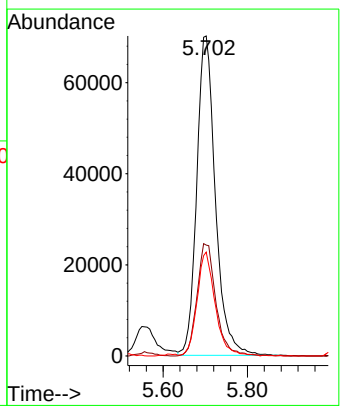


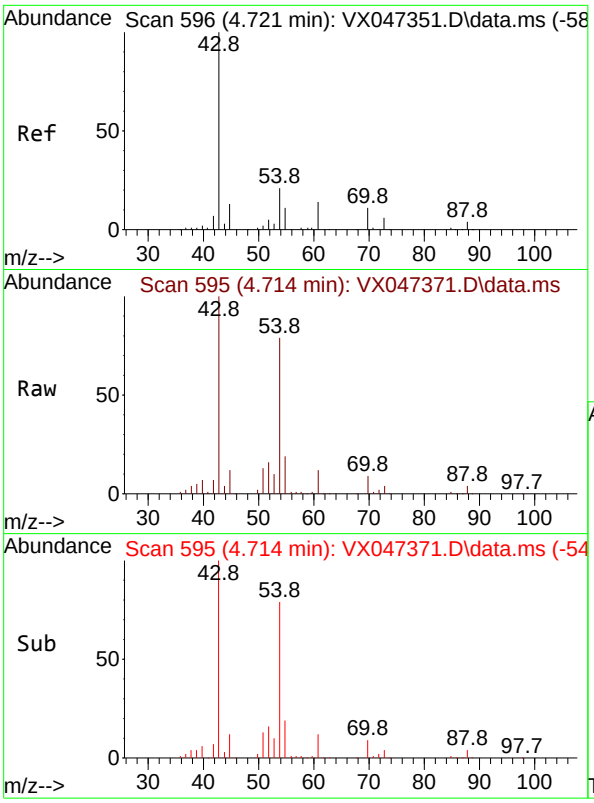


#36
1,1-Dichloropropene
Concen: 47.491 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 75 Resp: 216239

Ion	Ratio	Lower	Upper
75	100		
110	35.7	17.4	52.2
77	31.6	24.4	36.6





#37
Ethyl Acetate
Concen: 49.091 ug/l
RT: 4.714 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 43 Resp: 23205

Ion	Ratio	Lower	Upper
43	100		
61	10.7	9.4	14.2
70	8.7	7.0	10.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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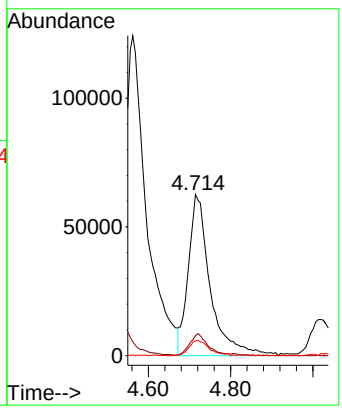
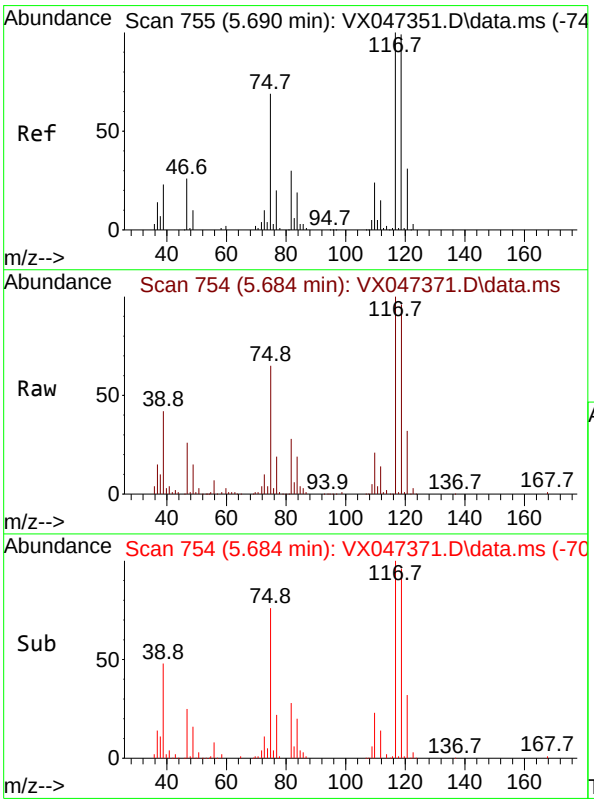
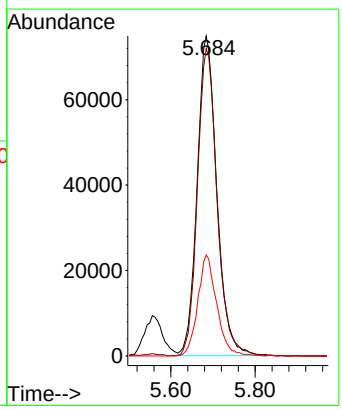


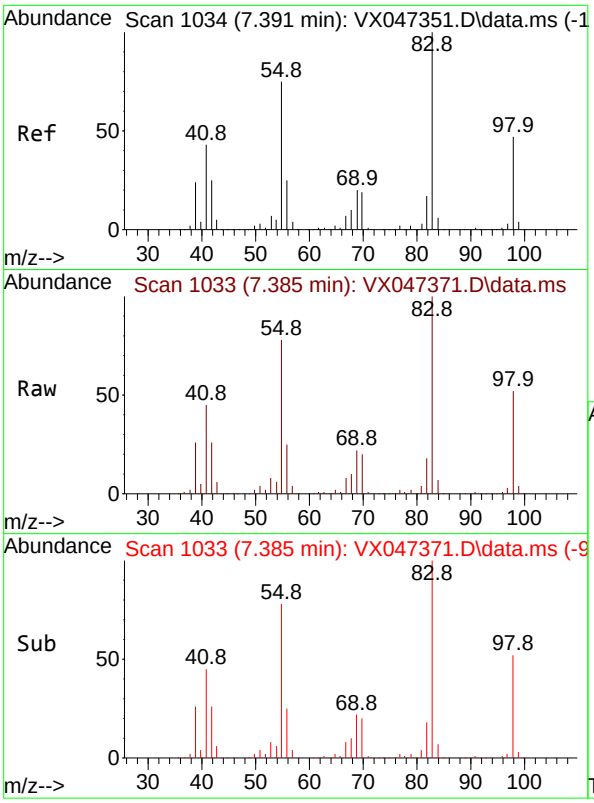


#38
Carbon Tetrachloride
Concen: 48.915 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion:117 Resp: 243389

Ion	Ratio	Lower	Upper
117	100		
119	96.2	78.5	117.7
121	31.6	24.7	37.1

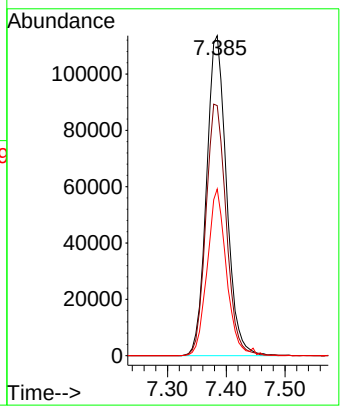




#39
Methylcyclohexane
Concen: 47.245 ug/l
RT: 7.385 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 83 Resp: 26833

Ion	Ratio	Lower	Upper
83	100		
55	78.1	60.0	90.0
98	52.1	37.2	55.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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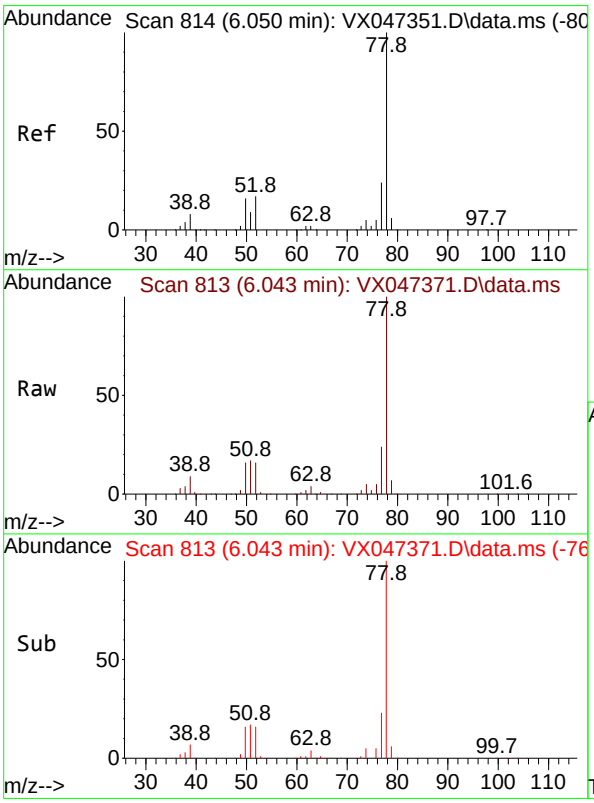
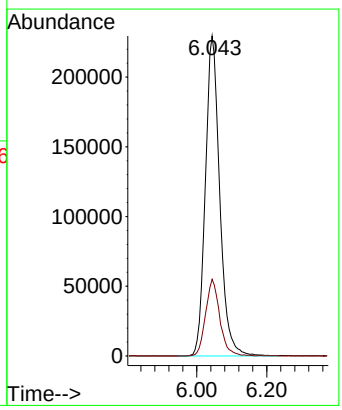
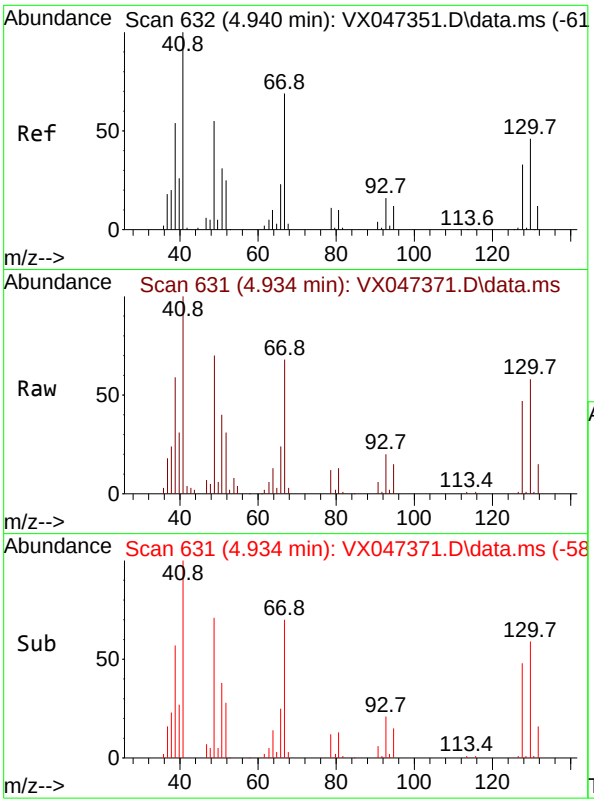


#40
Benzene
Concen: 47.917 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 78 Resp: 653043

Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.0	28.4

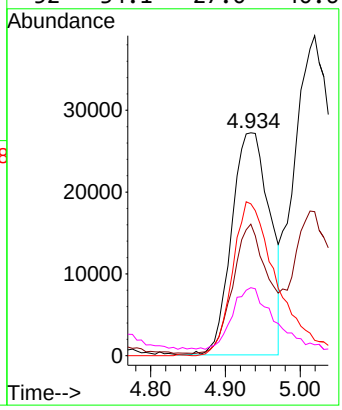




#41
Methacrylonitrile
Concen: 48.083 ug/l
RT: 4.934 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 41 Resp: 9584

Ion	Ratio	Lower	Upper
41	100		
39	53.1	45.4	68.2
67	83.4	64.0	96.0
52	34.1	27.0	40.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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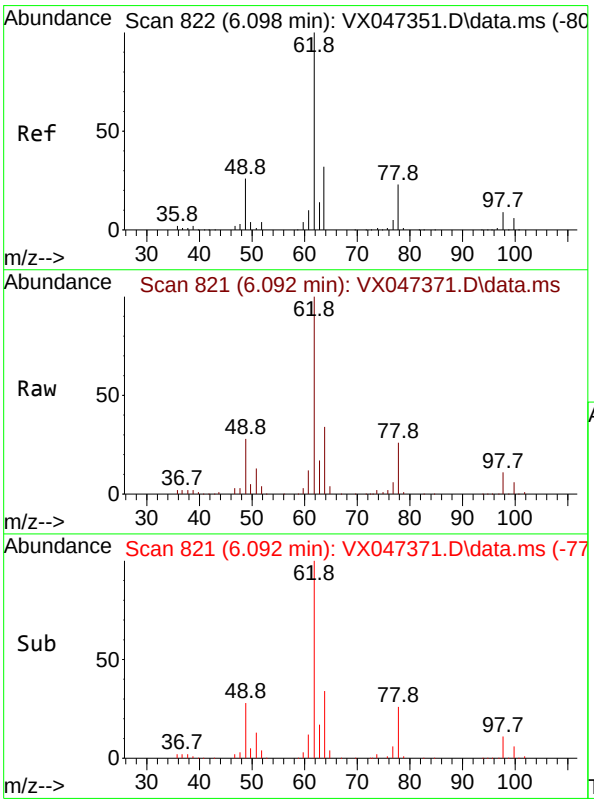
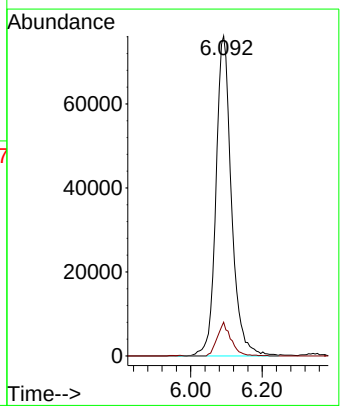
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025

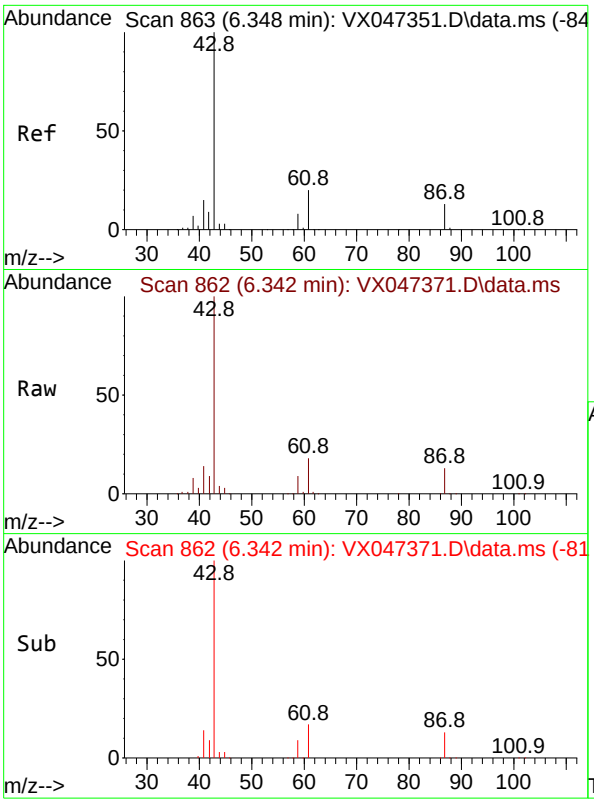


#42
1,2-Dichloroethane
Concen: 47.424 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 62 Resp: 228939

Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.0

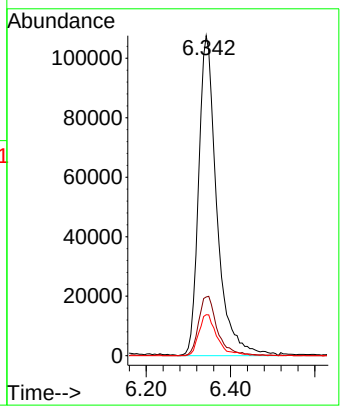




#43
Isopropyl Acetate
Concen: 47.583 ug/l
RT: 6.342 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 43 Resp: 32312

Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.4	23.0
87	12.9	10.2	15.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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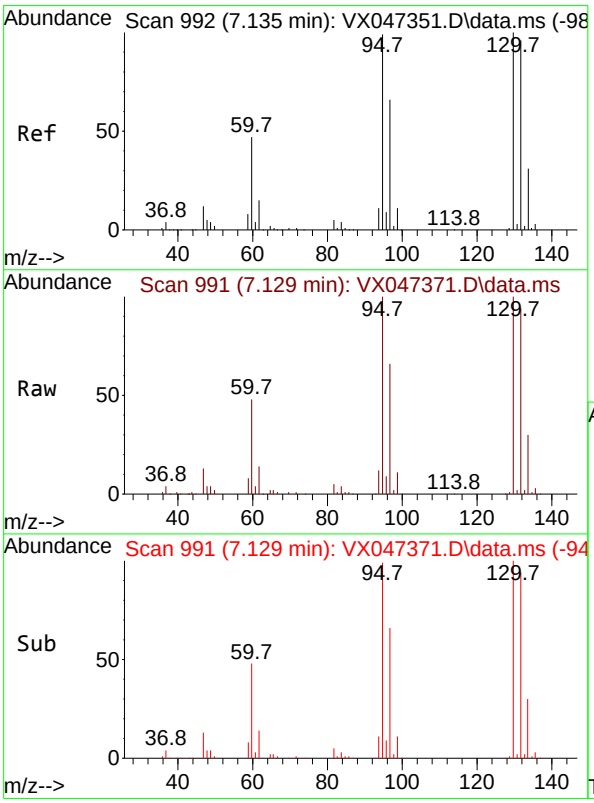
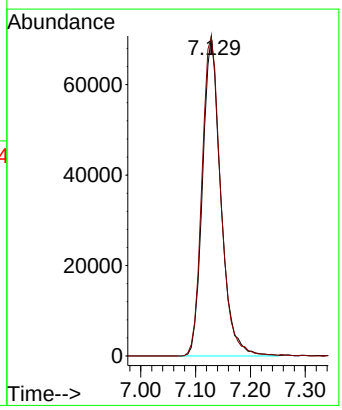
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025

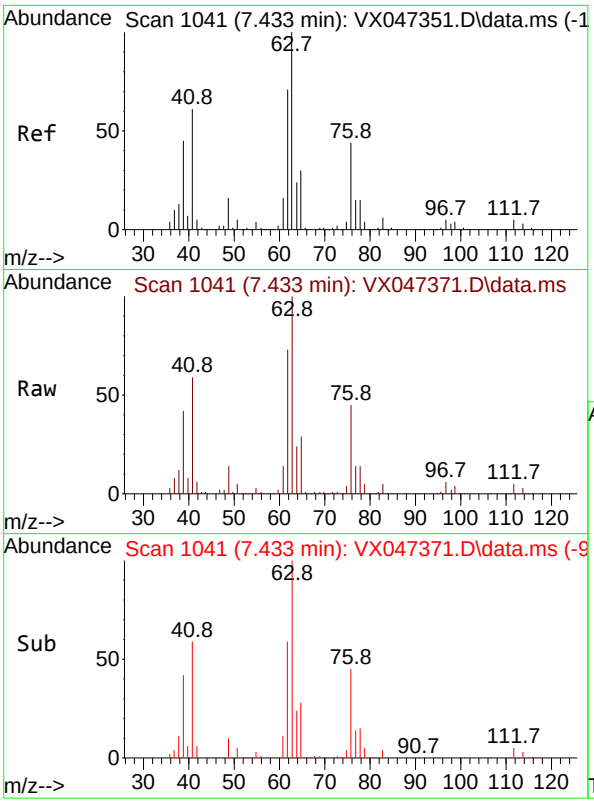


#44
Trichloroethene
Concen: 46.616 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion:130 Resp: 162678

Ion	Ratio	Lower	Upper
130	100		
95	99.6	0.0	198.6

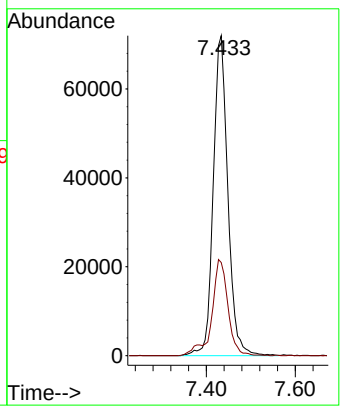




#45
1,2-Dichloropropane
Concen: 47.913 ug/l
RT: 7.433 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 63 Resp: 16359

Ion	Ratio	Lower	Upper
63	100		
65	29.1	23.8	35.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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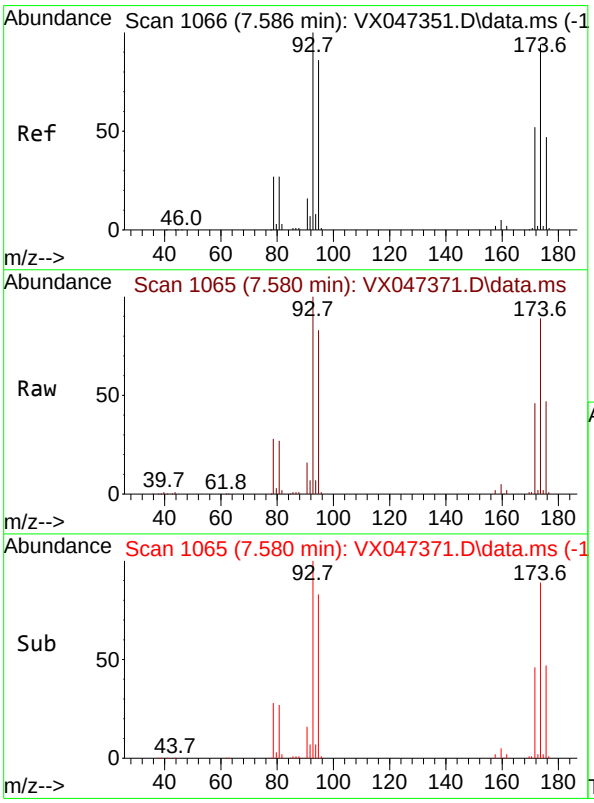
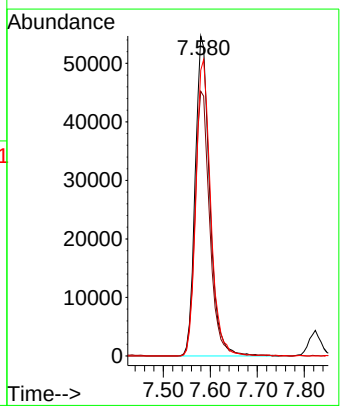
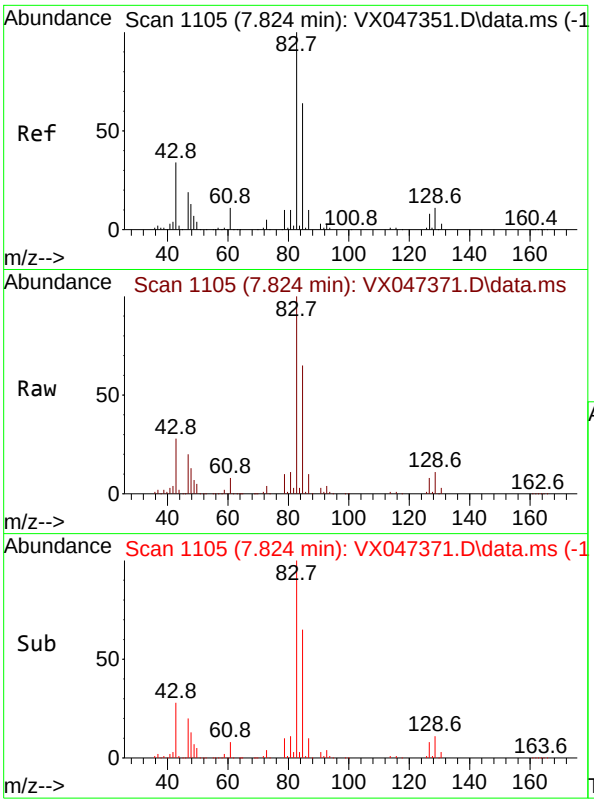


#46
Dibromomethane
Concen: 47.485 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 93 Resp: 117704

Ion	Ratio	Lower	Upper
93	100		
95	83.2	68.0	102.0
174	93.7	75.8	113.6

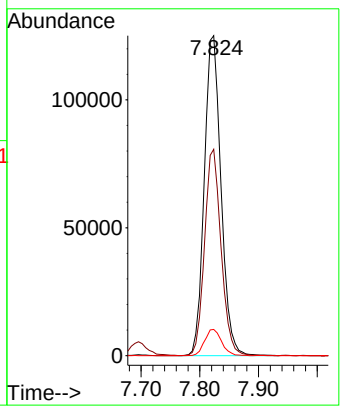




#47
Bromodichloromethane
Concen: 48.205 ug/l
RT: 7.824 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 83 Resp: 24771

Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.0	76.6
127	8.2	7.0	10.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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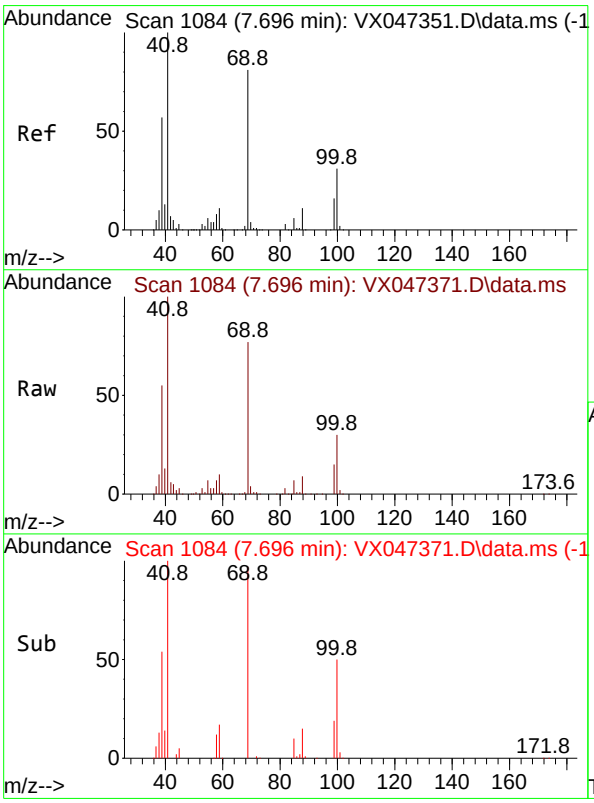
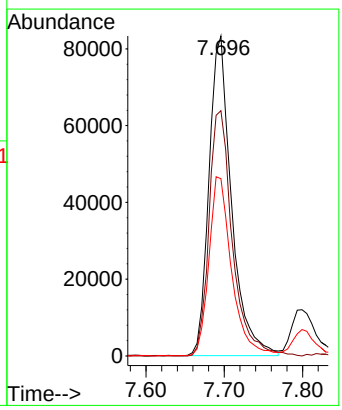
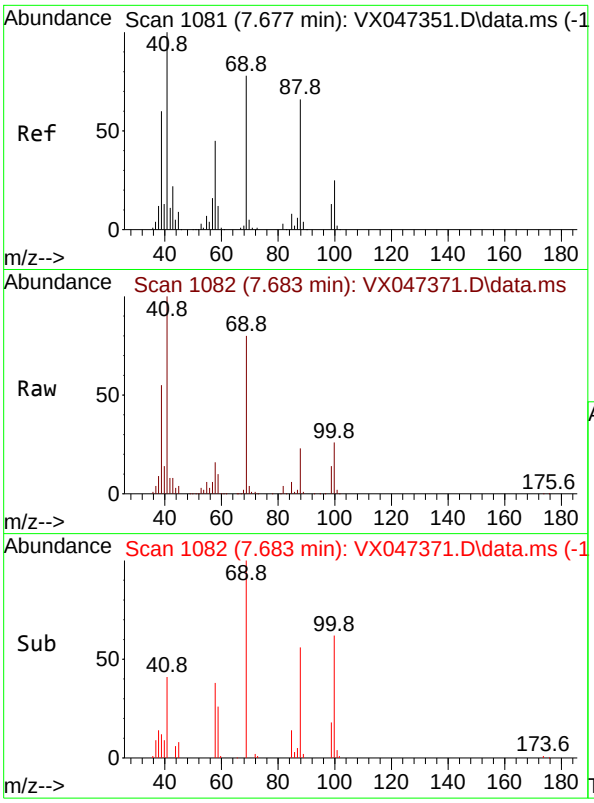


#48
Methyl methacrylate
Concen: 47.171 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 41 Resp: 166270

Ion	Ratio	Lower	Upper
41	100		
69	79.8	65.0	97.4
39	56.4	45.7	68.5





#49
1,4-Dioxane
Concen: 1013.952 ug/l
RT: 7.683 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 88 Resp: 3474

Ion	Ratio	Lower	Upper
88	100		
43	37.8	32.4	48.6
58	72.0	56.9	85.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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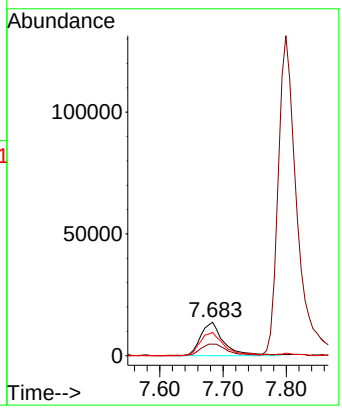
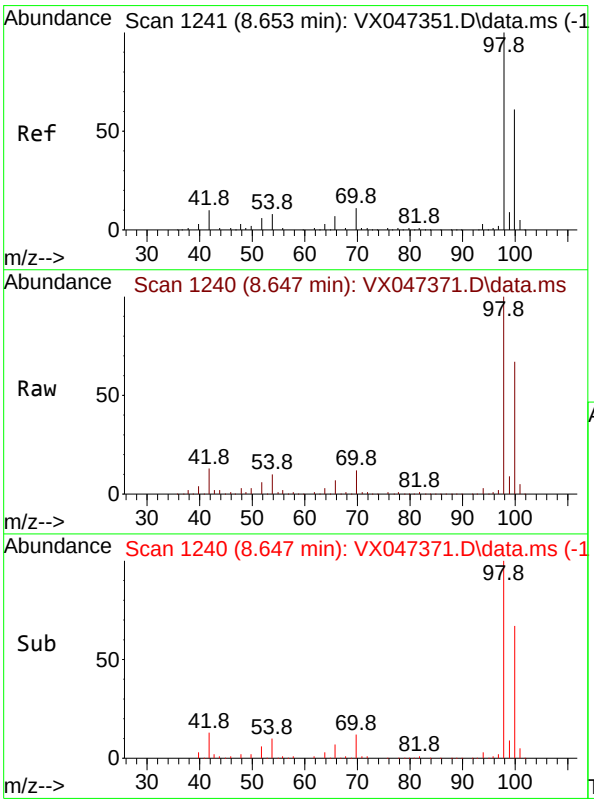
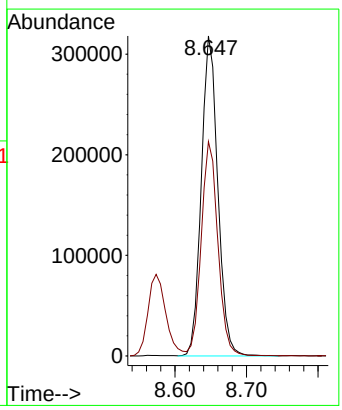


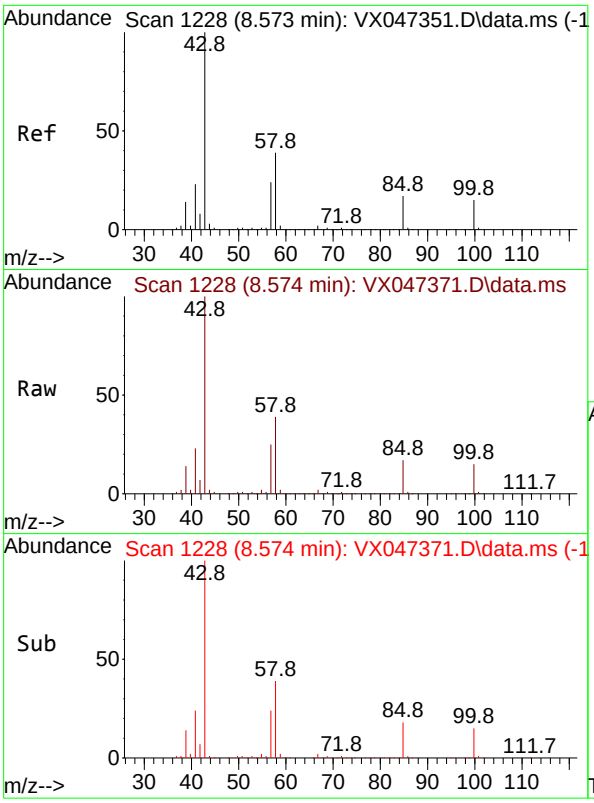


#50
Toluene-d8
Concen: 49.536 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 98 Resp: 510697

Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.9	80.9

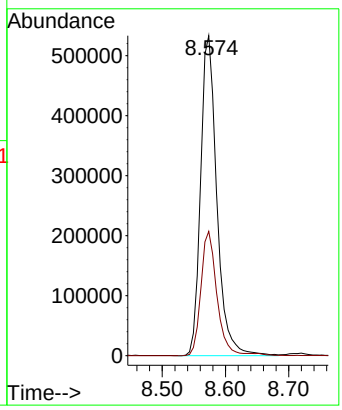




#51
4-Methyl-2-Pentanone
Concen: 243.653 ug/l
RT: 8.574 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 43 Resp: 95214

Ion	Ratio	Lower	Upper
43	100		
58	38.0	31.2	46.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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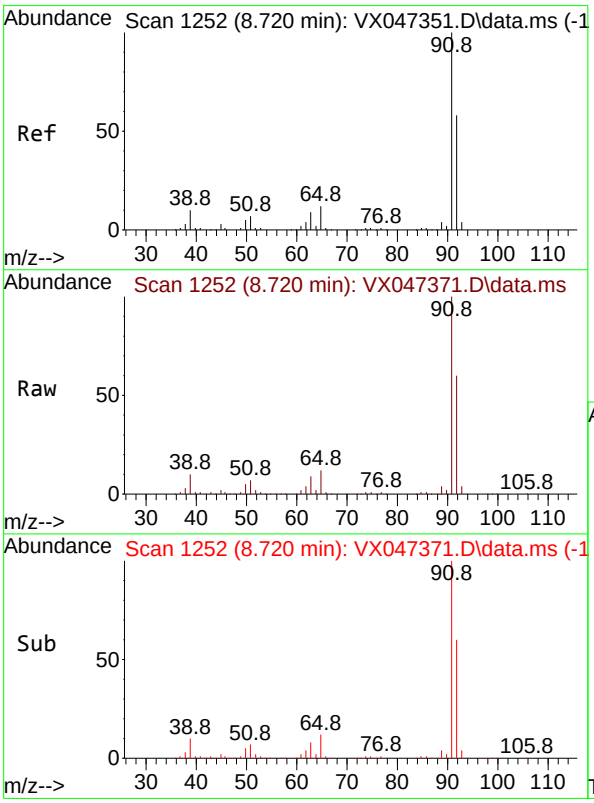
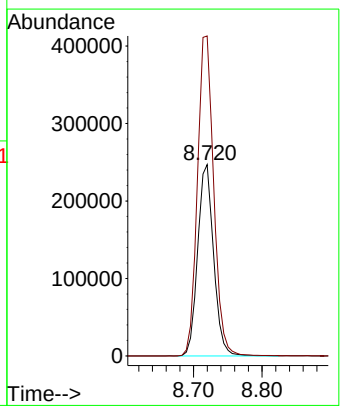
Supervised By :Mahesh Dadoda 08/20/2025

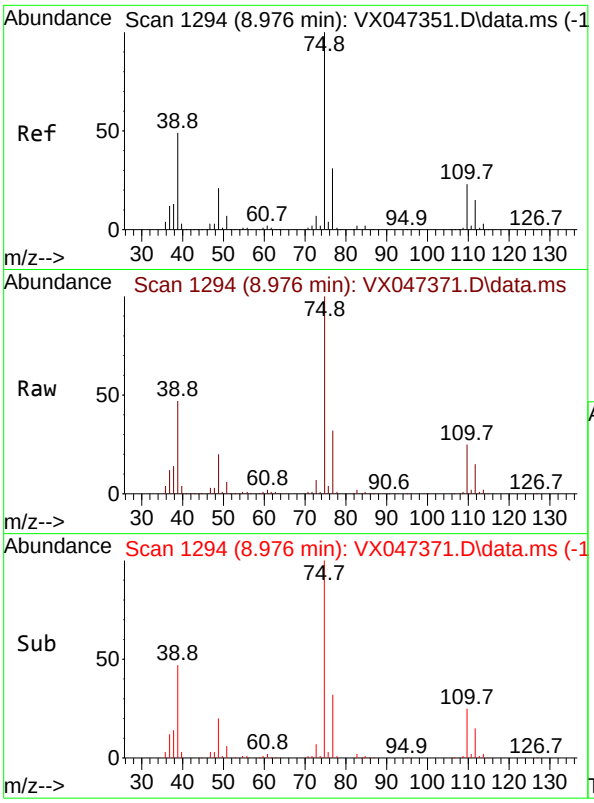


#52
Toluene
Concen: 47.503 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 92 Resp: 400051

Ion	Ratio	Lower	Upper
92	100		
91	171.2	136.3	204.5

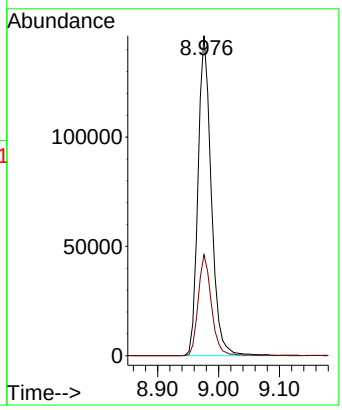




#53
t-1,3-Dichloropropene
Concen: 49.287 ug/l
RT: 8.976 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 75 Resp: 22104

Ion	Ratio	Lower	Upper
75	100		
77	31.6	24.7	37.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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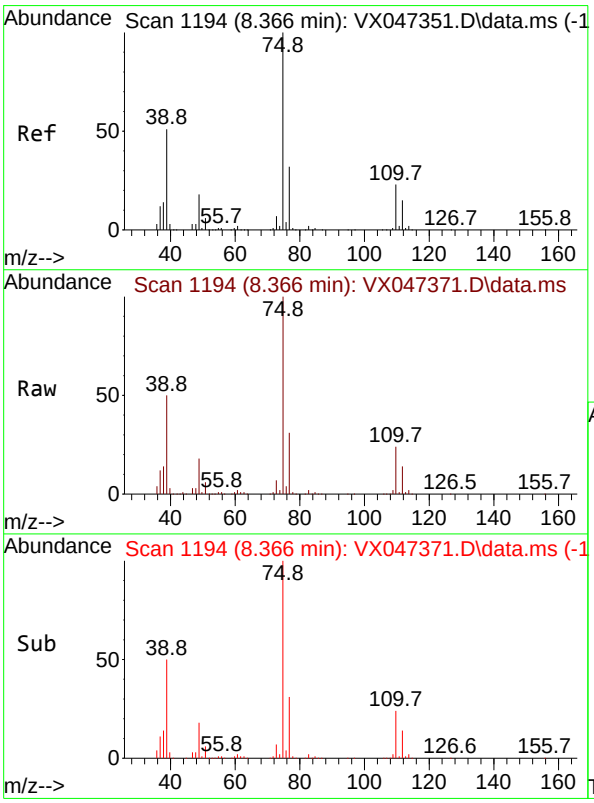
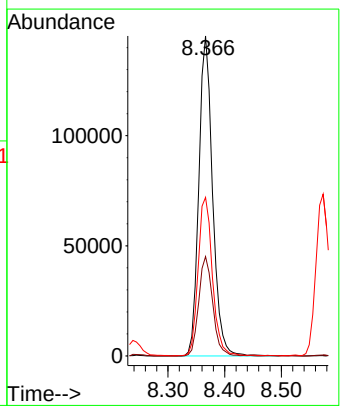
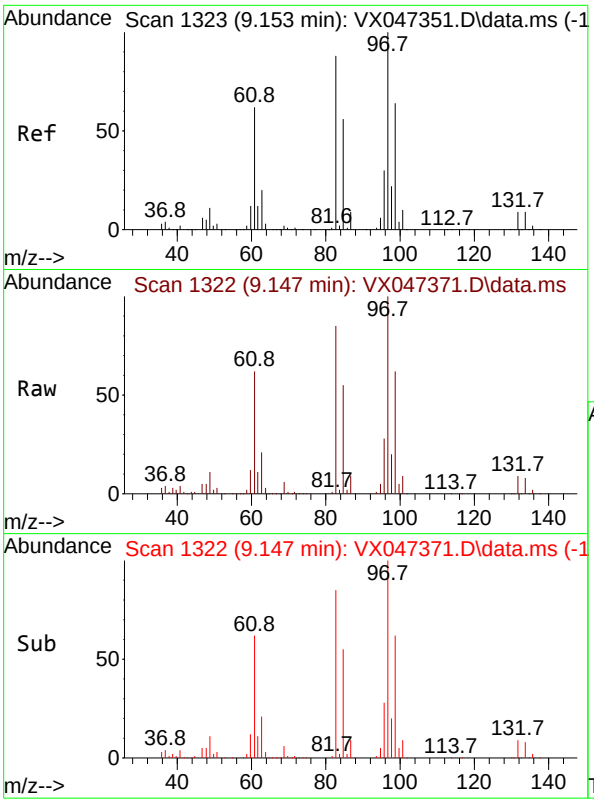


#54
cis-1,3-Dichloropropene
Concen: 48.187 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 75 Resp: 244614

Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.6	38.4
39	49.5	40.9	61.3

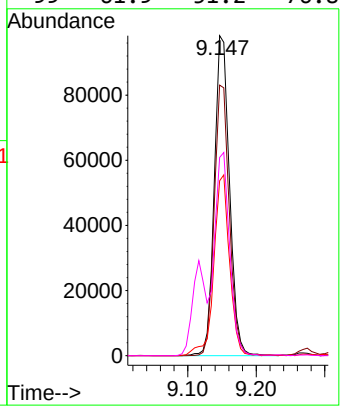




#55
1,1,2-Trichloroethane
Concen: 47.246 ug/l
RT: 9.147 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 97 Resp: 15107

Ion	Ratio	Lower	Upper
97	100		
83	84.5	70.6	106.0
85	54.7	44.7	67.1
99	61.9	51.2	76.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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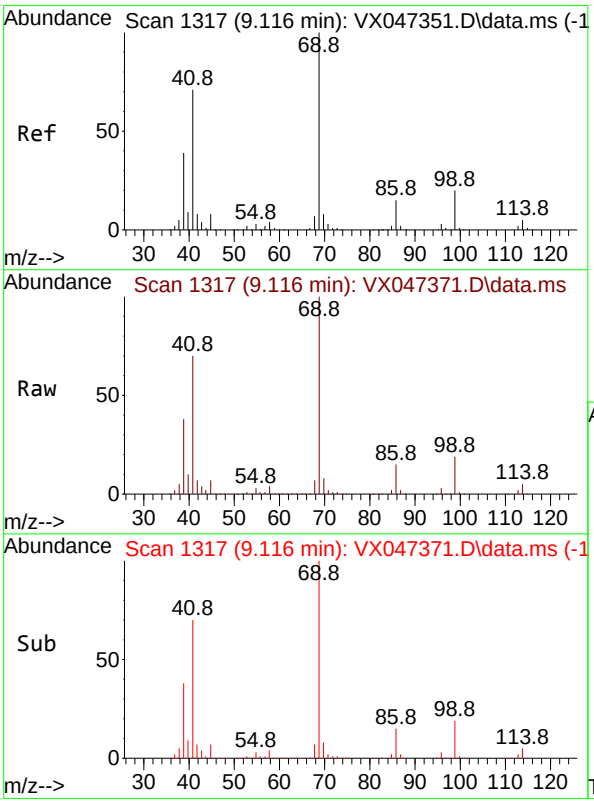
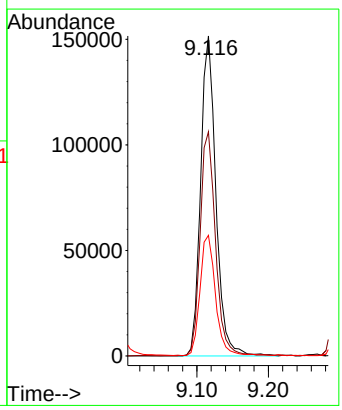
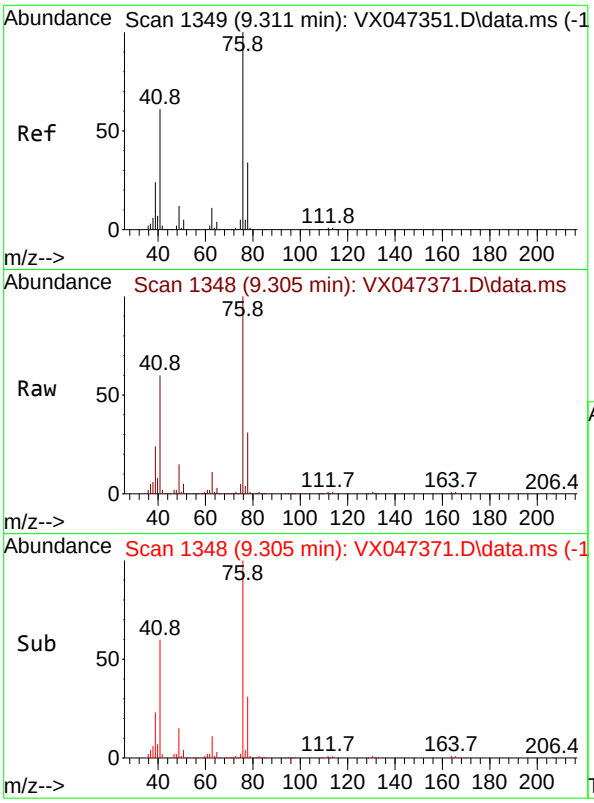


#56
Ethyl methacrylate
Concen: 47.723 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 69 Resp: 224978

Ion	Ratio	Lower	Upper
69	100		
41	70.5	55.3	82.9
39	38.3	30.2	45.2





#57
1,3-Dichloropropane
Concen: 46.880 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 76 Resp: 25542

Ion	Ratio	Lower	Upper
76	100		
78	32.4	26.2	39.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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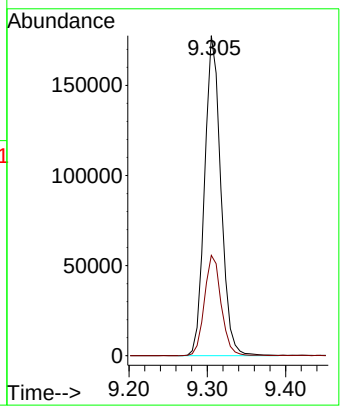
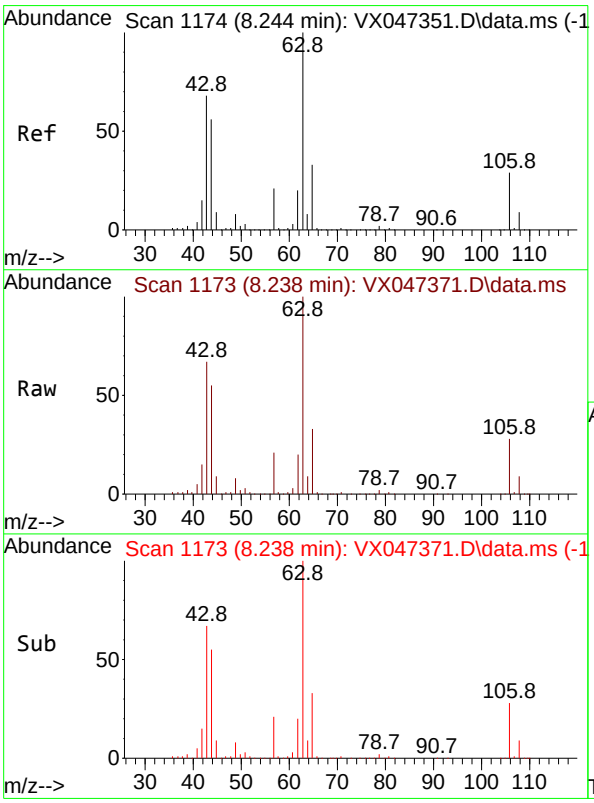
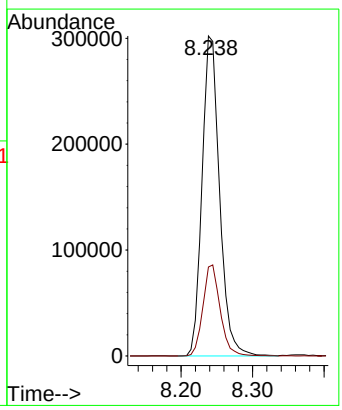


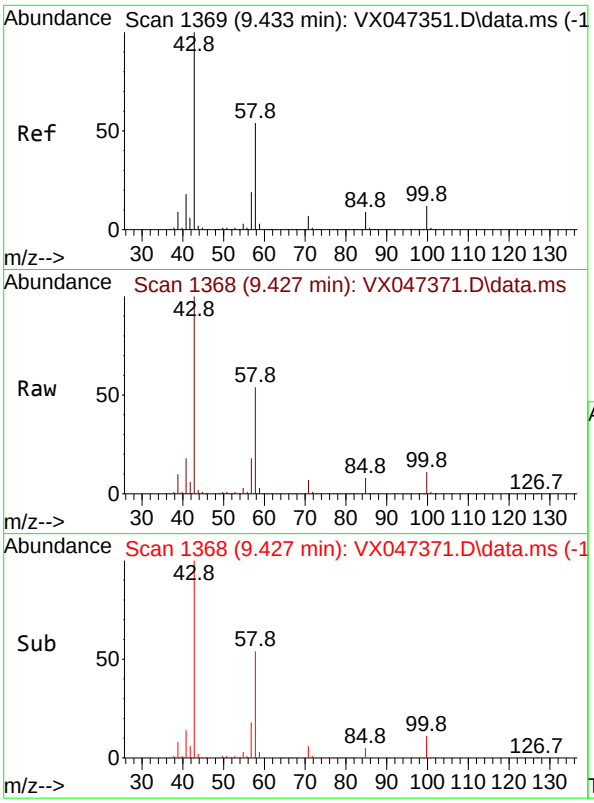


#58
2-Chloroethyl Vinyl ether
Concen: 229.244 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 63 Resp: 514434

Ion	Ratio	Lower	Upper
63	100		
106	28.0	22.8	34.2





#59
2-Hexanone
Concen: 238.139 ug/l
RT: 9.427 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 43 Resp: 64371

Ion	Ratio	Lower	Upper
43	100		
58	53.6	26.9	80.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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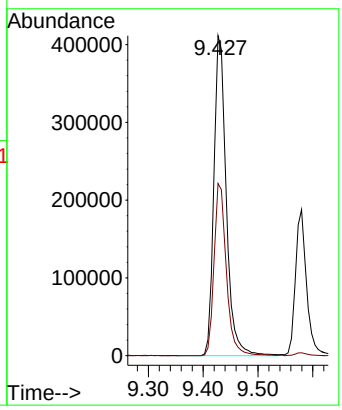
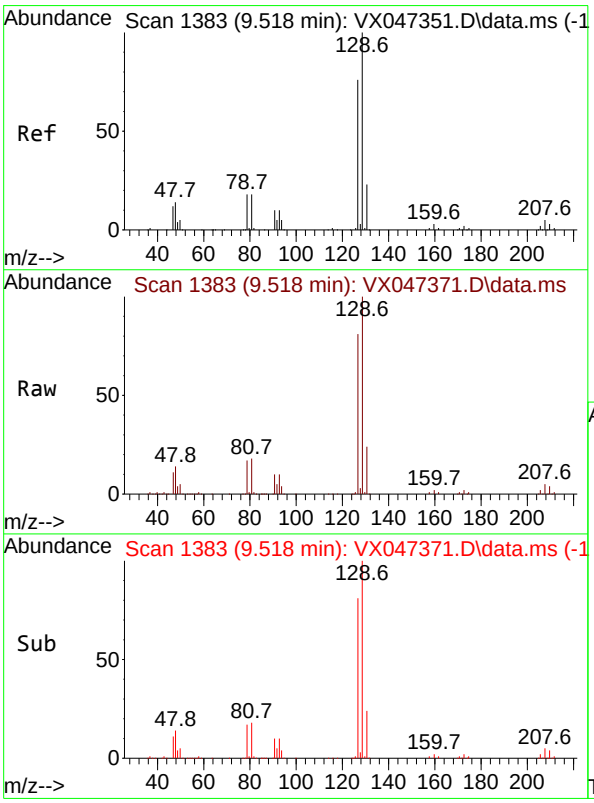
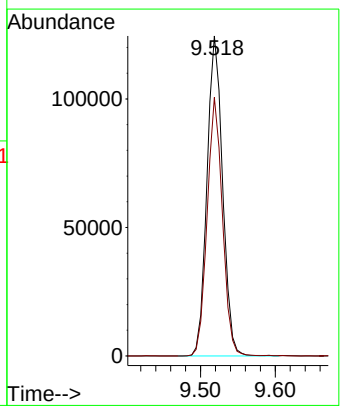


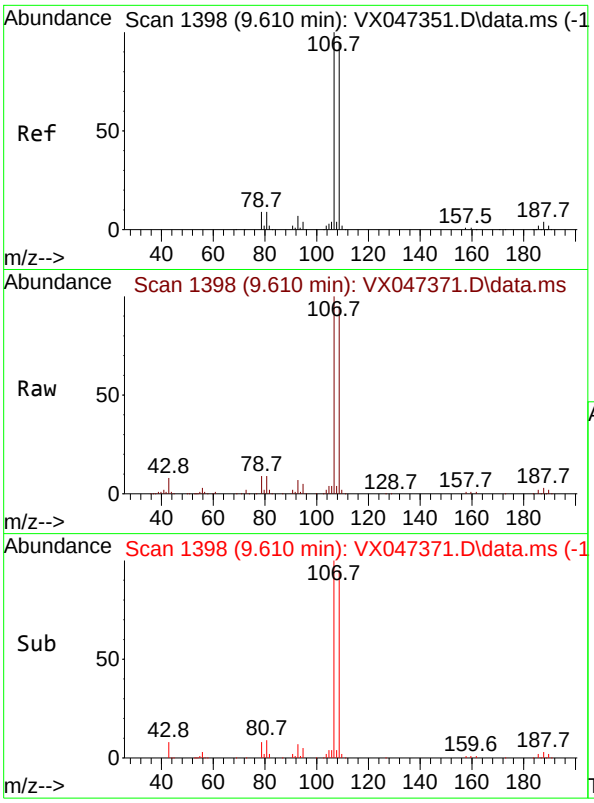


#60
Dibromochloromethane
Concen: 47.510 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion:129 Resp: 180536

Ion	Ratio	Lower	Upper
129	100		
127	79.4	38.9	116.6





#61
1,2-Dibromoethane
Concen: 46.327 ug/l
RT: 9.610 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion:107 Resp: 15275

Ion	Ratio	Lower	Upper
107	100		
109	96.1	76.2	114.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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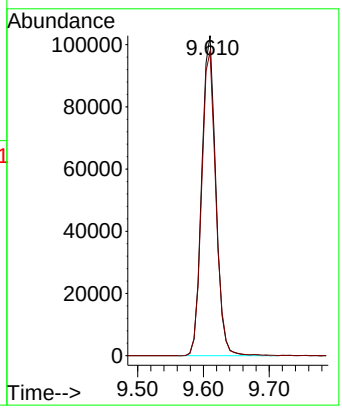
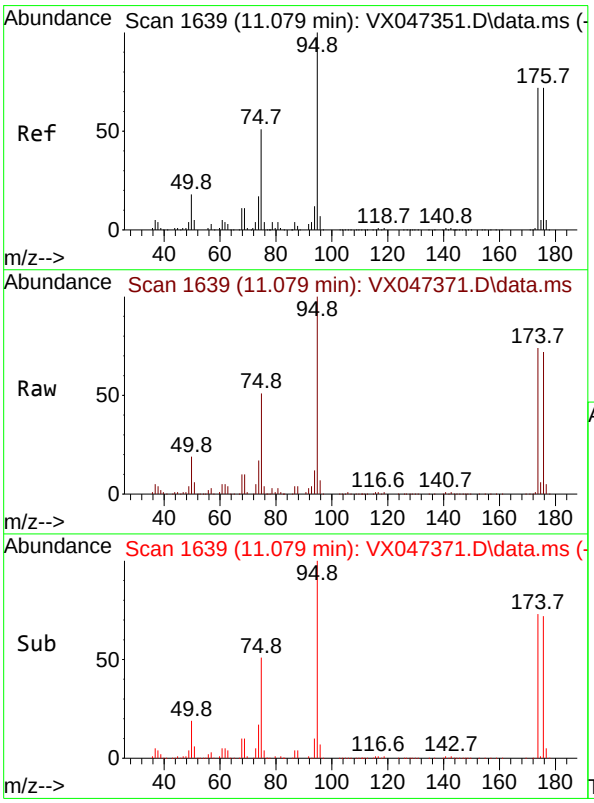
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025

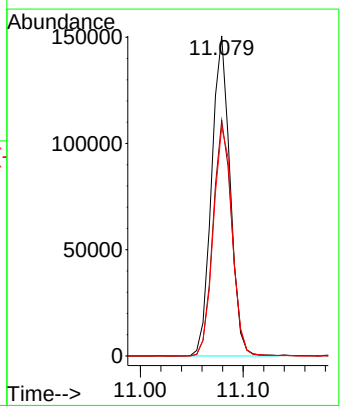


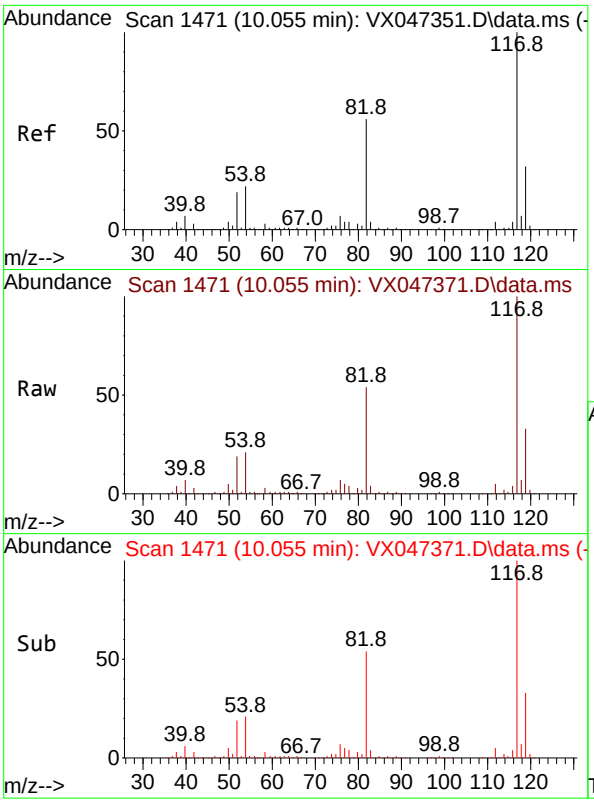


#62
4-Bromofluorobenzene
Concen: 49.495 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 95 Resp: 188302

Ion	Ratio	Lower	Upper
95	100		
174	74.5	0.0	148.0
176	73.5	0.0	145.4

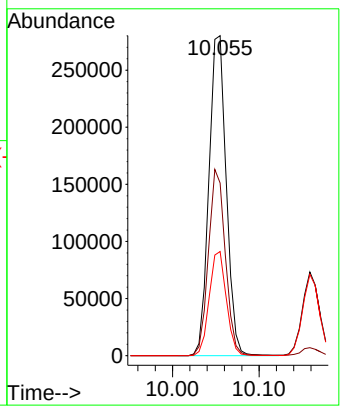




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion:117 Resp: 38956

Ion	Ratio	Lower	Upper
117	100		
82	54.0	45.0	67.4
119	32.6	25.8	38.8



Instrument :
MSVOA_X
ClientSampleId :
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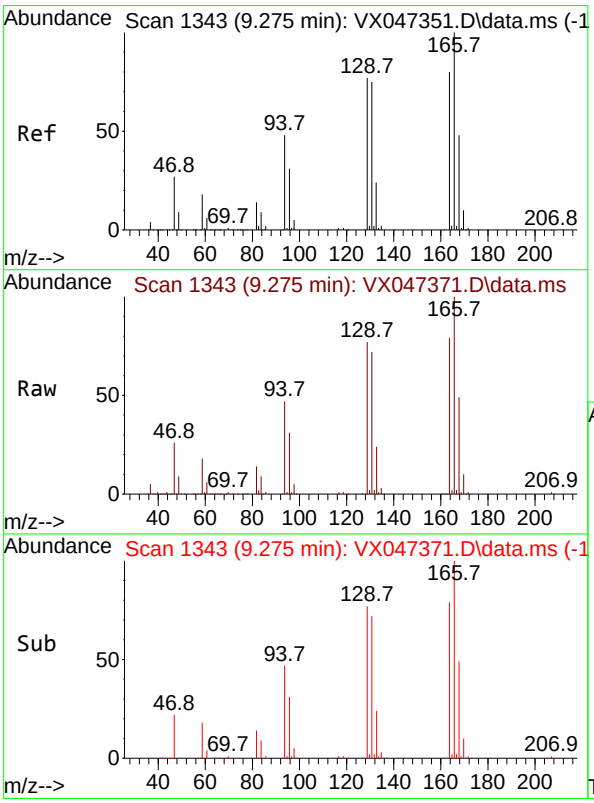
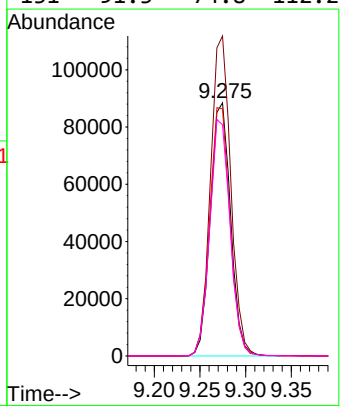
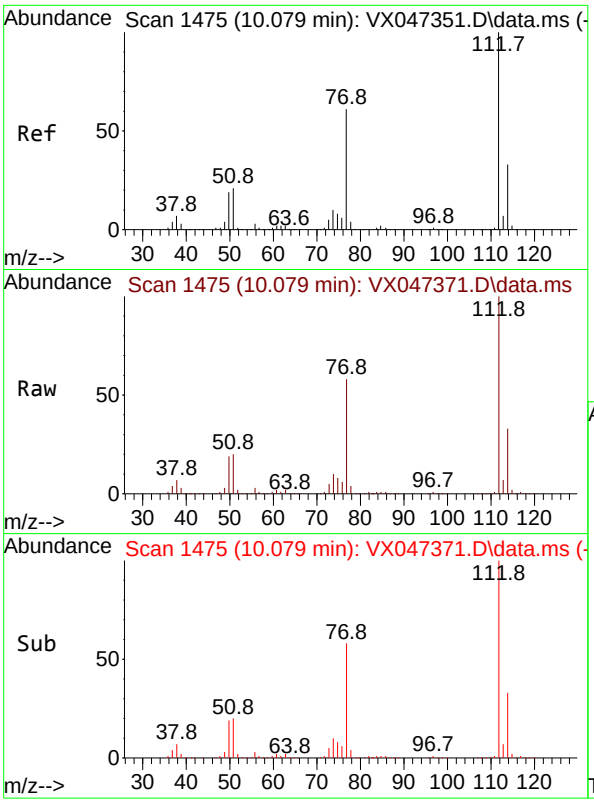


#64
Tetrachloroethene
Concen: 48.259 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion:164 Resp: 135984

Ion	Ratio	Lower	Upper
164	100		
166	126.4	100.3	150.5
129	97.7	77.7	116.5
131	91.3	74.8	112.2

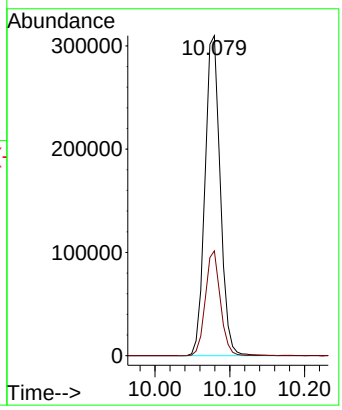




#65
Chlorobenzene
Concen: 47.514 ug/l
RT: 10.079 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion:112 Resp: 43986

Ion	Ratio	Lower	Upper
112	100		
114	32.7	26.4	39.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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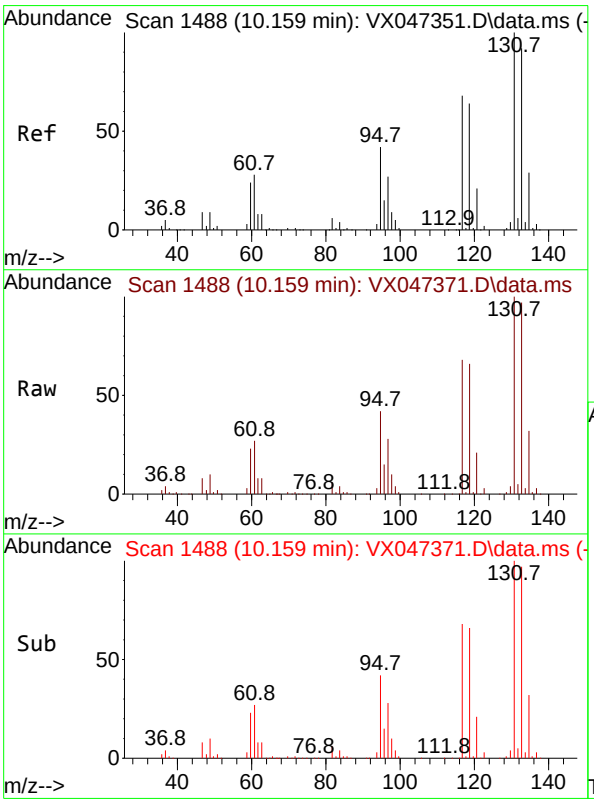
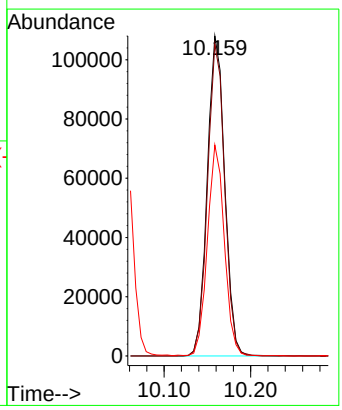
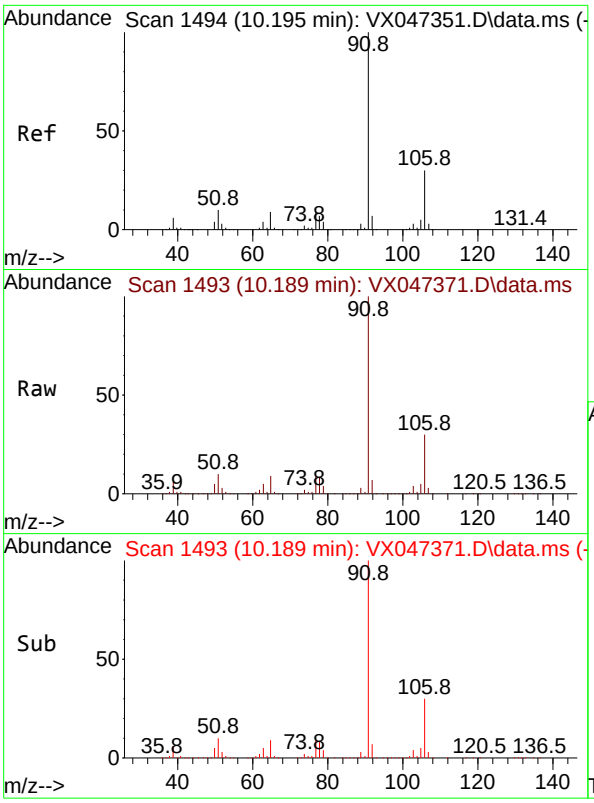


#66
1,1,1,2-Tetrachloroethane
Concen: 48.384 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion:131 Resp: 151414

Ion	Ratio	Lower	Upper
131	100		
133	95.6	47.6	142.9
119	63.8	32.3	96.8





#67
Ethyl Benzene
Concen: 48.124 ug/l
RT: 10.189 min Scan# 14
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 91 Resp: 76679

Ion	Ratio	Lower	Upper
91	100		
106	30.3	24.4	36.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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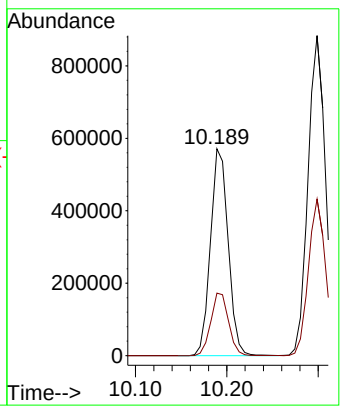
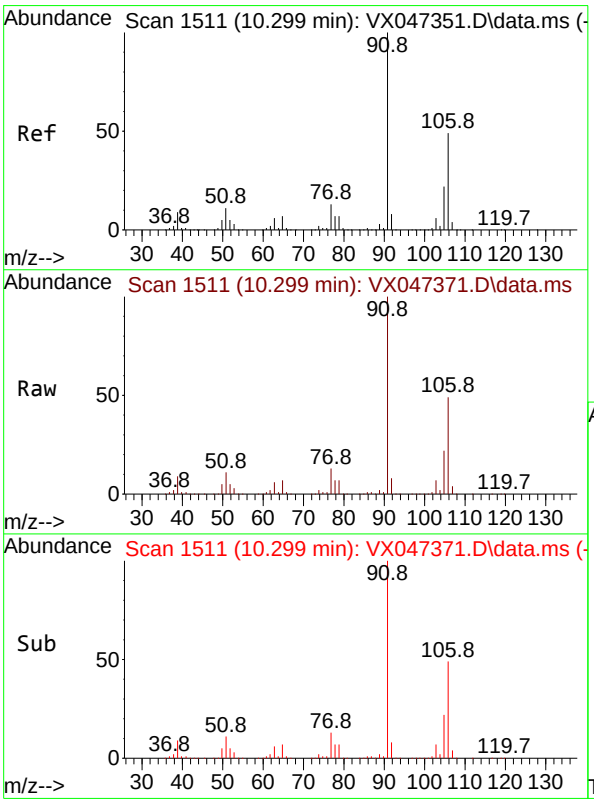
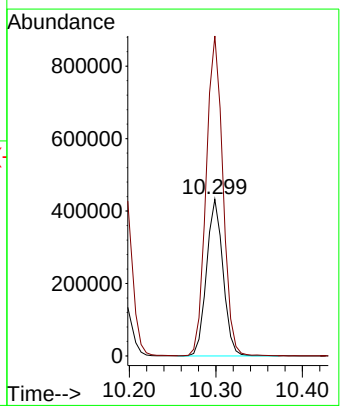


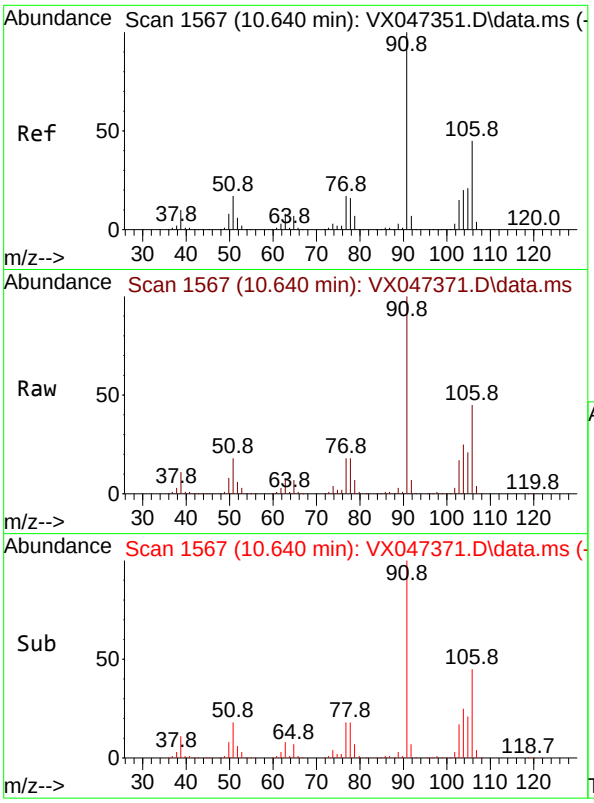


#68
m/p-Xylenes
Concen: 96.341 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion:106 Resp: 572388

Ion	Ratio	Lower	Upper
106	100		
91	208.0	164.7	247.1

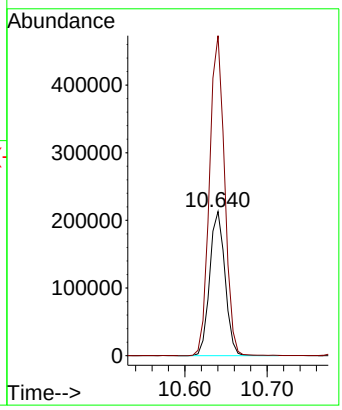




#69
o-Xylene
Concen: 48.267 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion:106 Resp: 27596

Ion	Ratio	Lower	Upper
106	100		
91	219.5	110.6	331.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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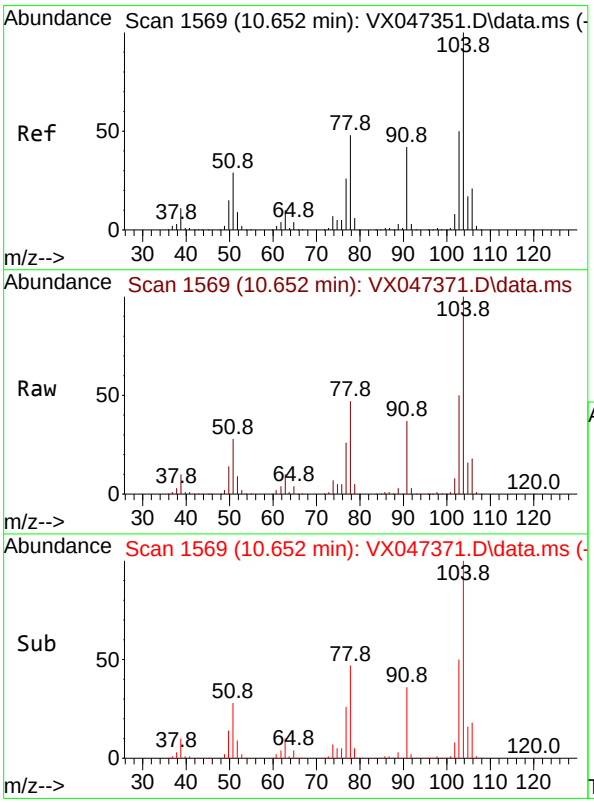
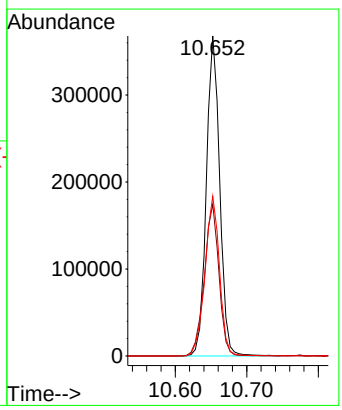
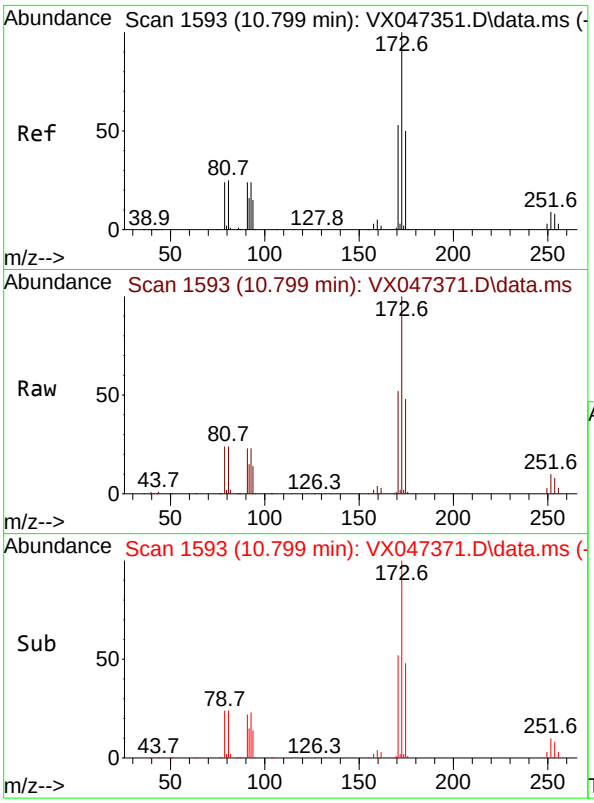


#70
Styrene
Concen: 49.483 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion:104 Resp: 478038

Ion	Ratio	Lower	Upper
104	100		
78	52.0	41.8	62.8
103	54.2	43.6	65.4

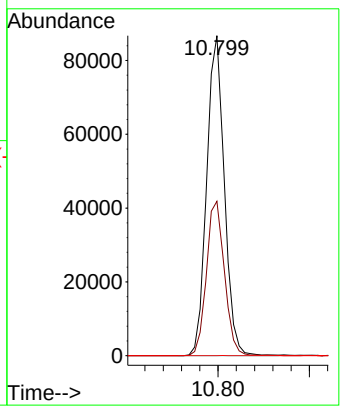




#71
Bromoform
Concen: 49.276 ug/l
RT: 10.799 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion:173 Resp: 11584

Ion	Ratio	Lower	Upper
173	100		
175	49.4	24.4	73.4
254	0.0	0.1	0.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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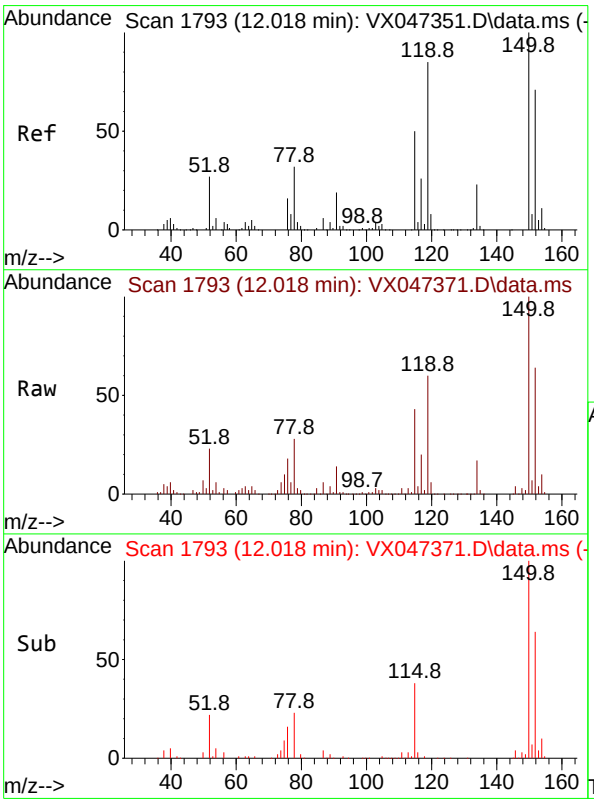
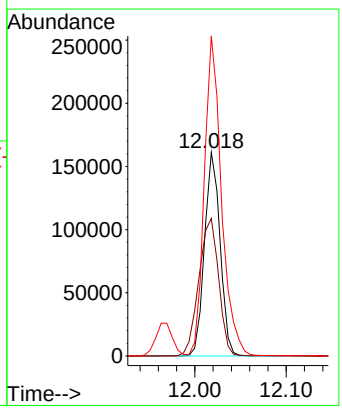
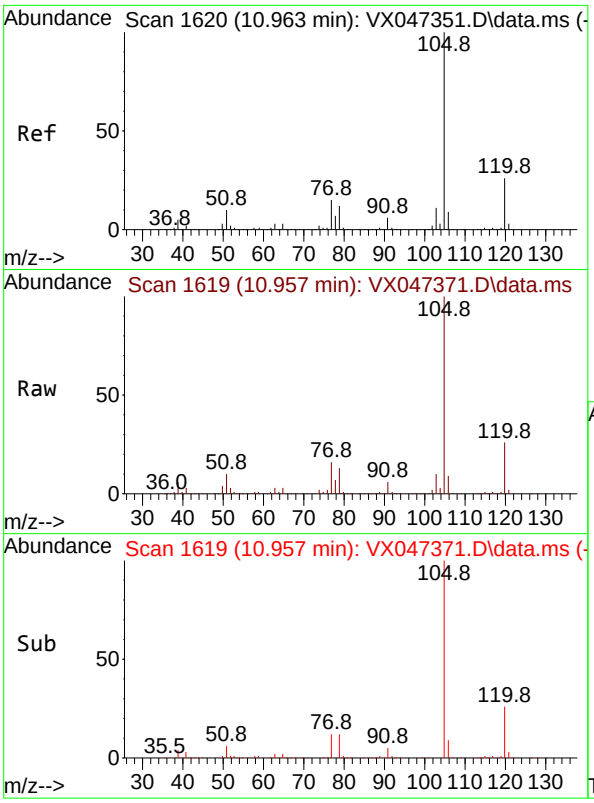


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion:152 Resp: 190181

Ion	Ratio	Lower	Upper
152	100		
115	85.8	44.6	133.8
150	173.9	0.0	349.8

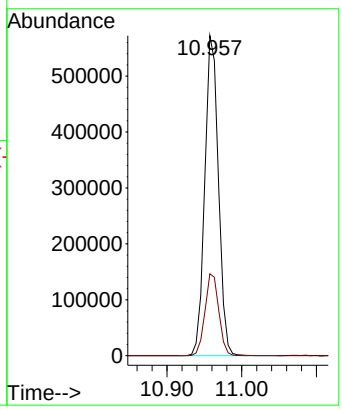




#73
Isopropylbenzene
Concen: 48.628 ug/l
RT: 10.957 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion:105 Resp: 72370

Ion	Ratio	Lower	Upper
105	100		
120	26.0	12.9	38.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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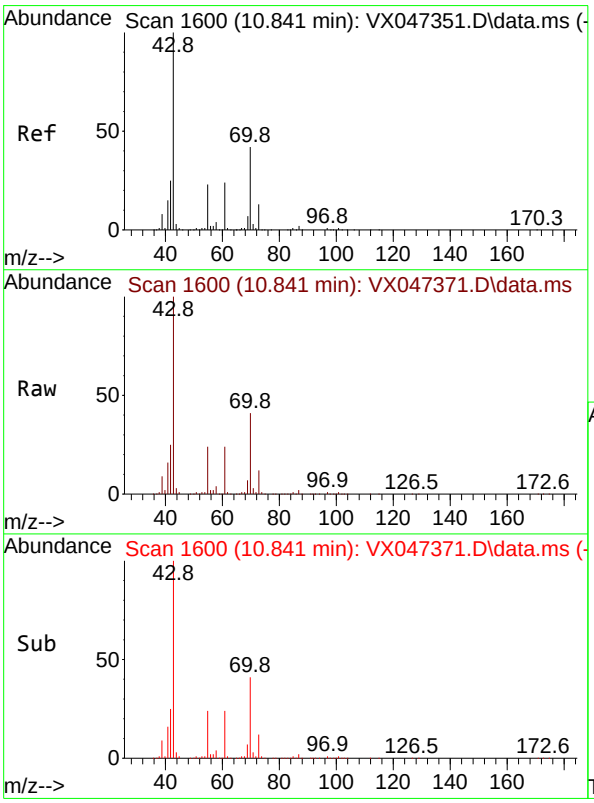
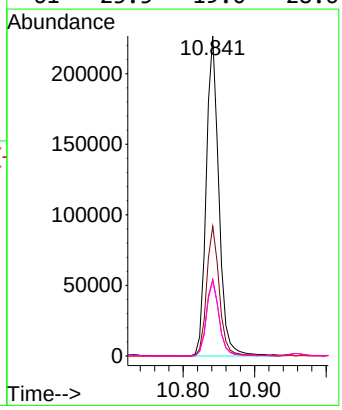
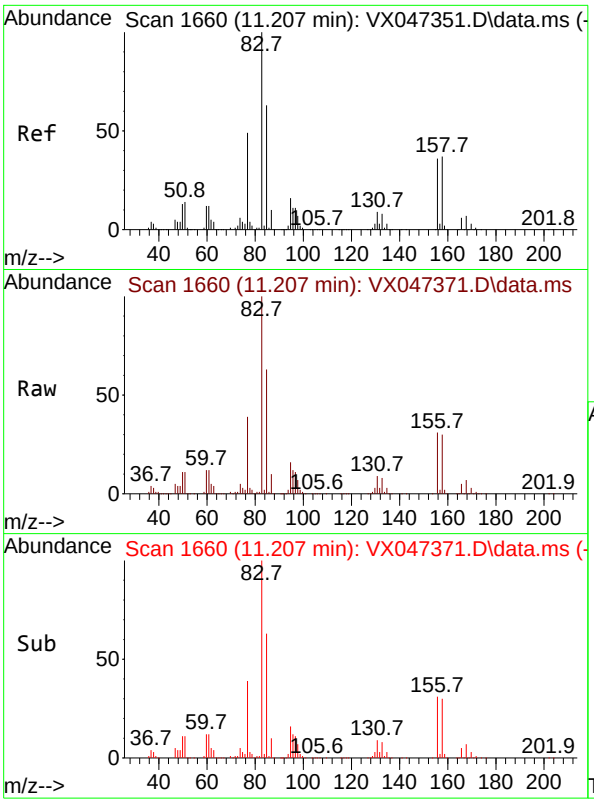


#74
N-amyl acetate
Concen: 49.291 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 43 Resp: 278569

Ion	Ratio	Lower	Upper
43	100		
70	40.5	33.1	49.7
55	24.3	19.0	28.6
61	23.5	19.0	28.6

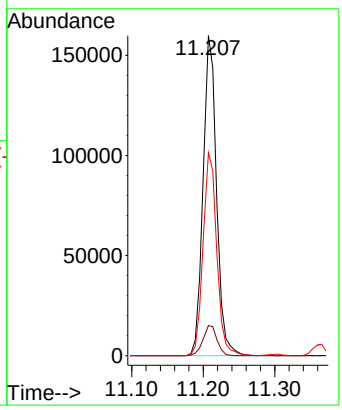




#75
1,1,2,2-Tetrachloroethane
Concen: 47.887 ug/l
RT: 11.207 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 83 Resp: 20924

Ion	Ratio	Lower	Upper
83	100		
131	9.8	5.0	15.0
85	64.4	31.7	95.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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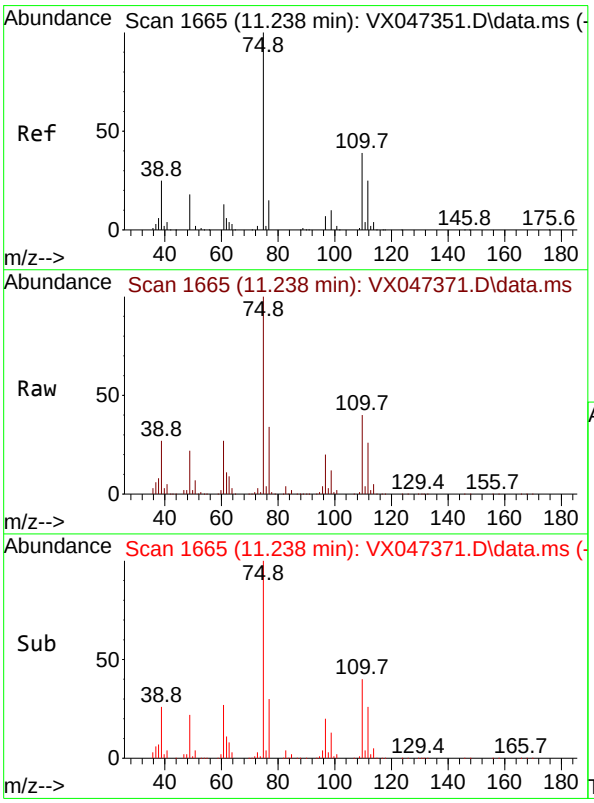
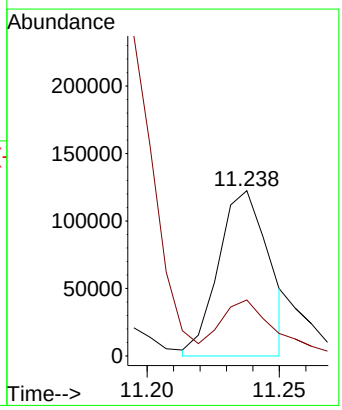
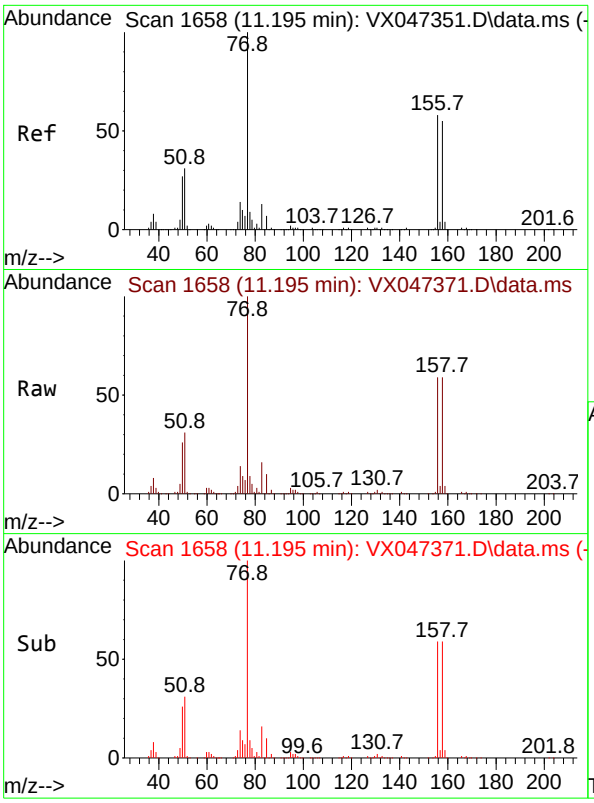


#76
1,2,3-Trichloropropane
Concen: 46.476 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 75 Resp: 162113

Ion	Ratio	Lower	Upper
75	100		
77	37.6	19.4	58.2

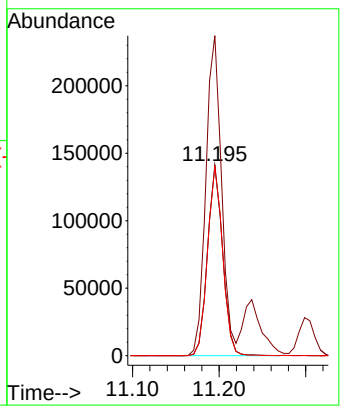




#77
Bromobenzene
Concen: 47.261 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion:156 Resp: 17175

Ion	Ratio	Lower	Upper
156	100		
77	173.9	86.3	258.9
158	99.3	48.0	144.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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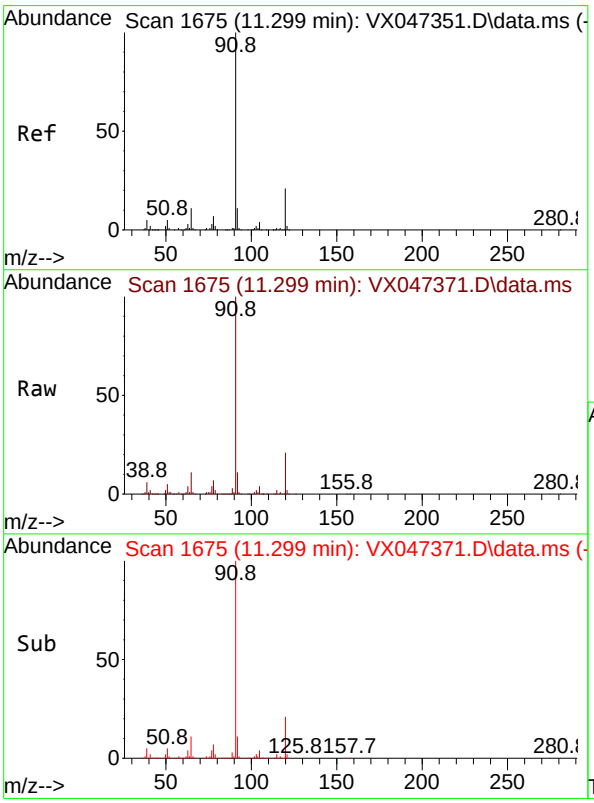
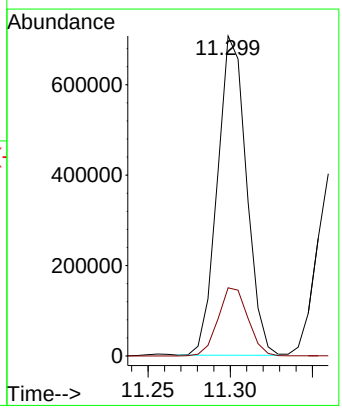
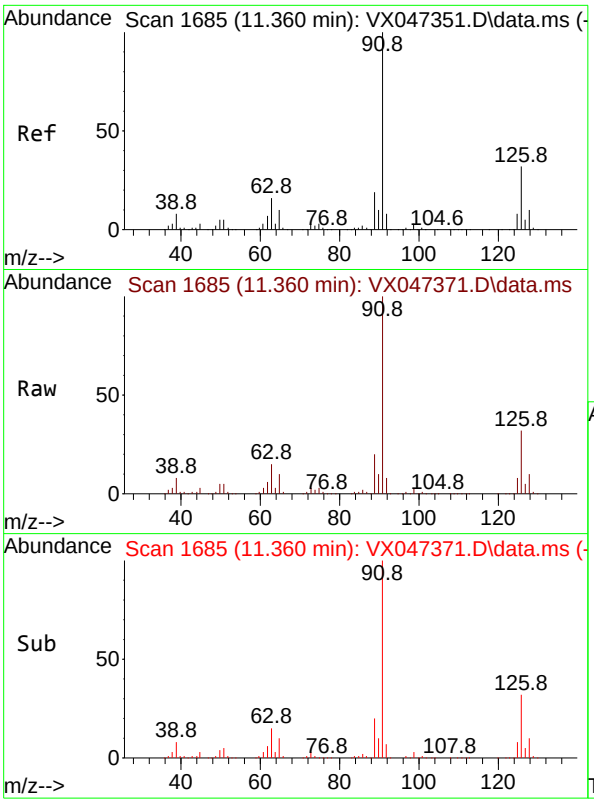


#78
n-propylbenzene
Concen: 48.892 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 91 Resp: 869019

Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.0	33.0





#79
2-Chlorotoluene
Concen: 46.898 ug/l
RT: 11.360 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

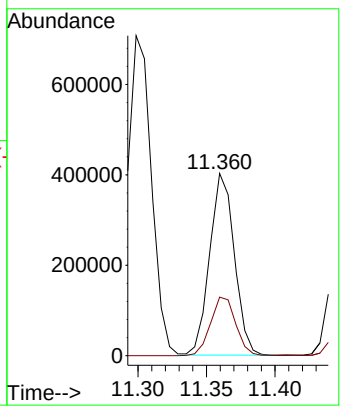
Tgt Ion: 91 Resp: 50390

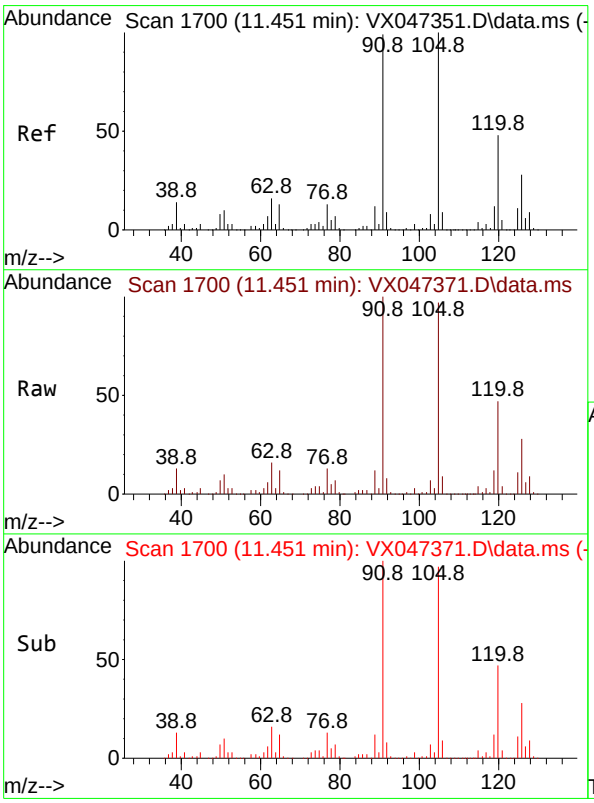
Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.7	50.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025

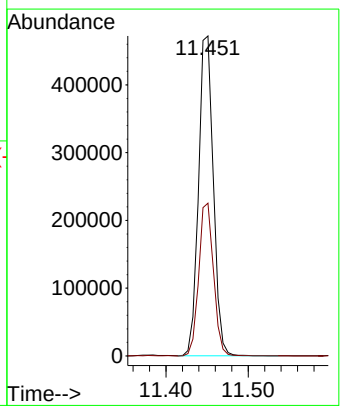


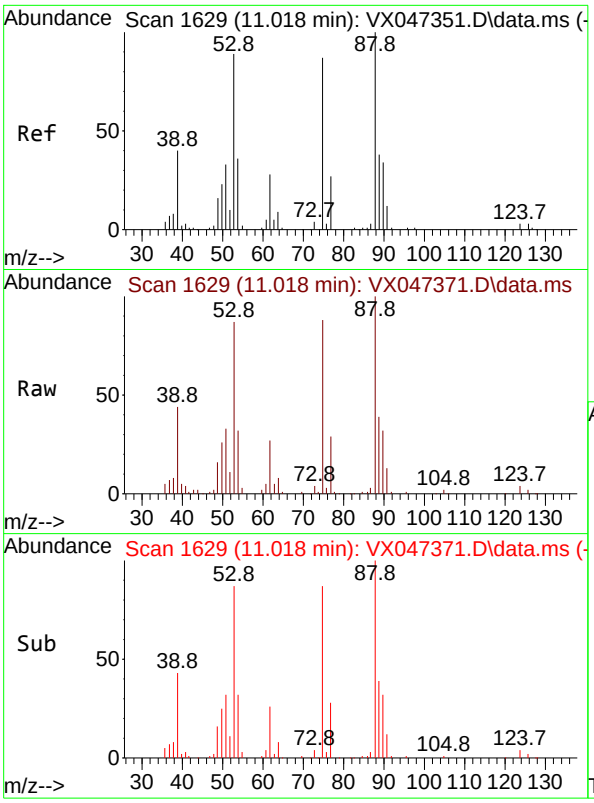


#80
1,3,5-Trimethylbenzene
Concen: 48.241 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion:105 Resp: 590722

Ion	Ratio	Lower	Upper
105	100		
120	47.7	23.9	71.7

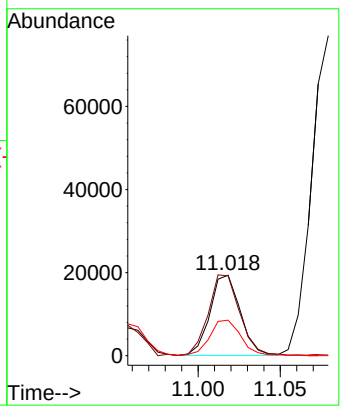




#81
trans-1,4-Dichloro-2-butene
Concen: 33.692 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 75 Resp: 2459

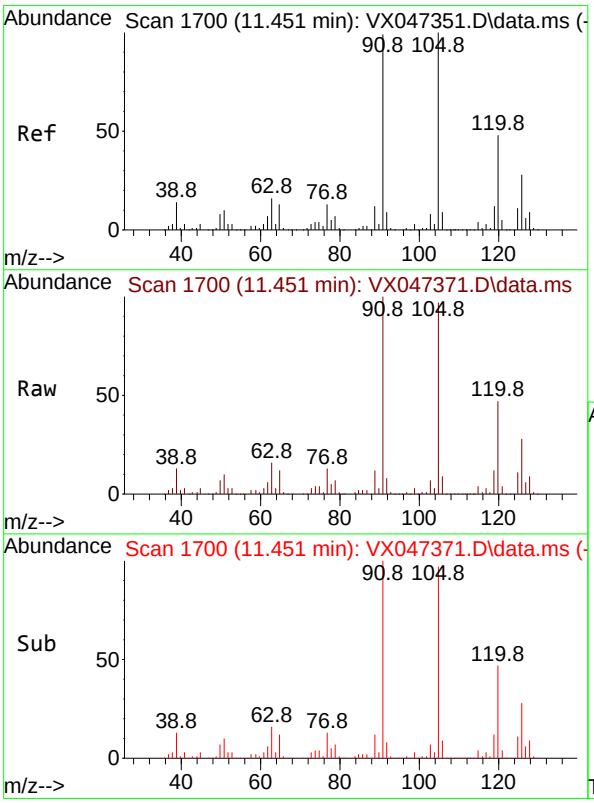
Ion	Ratio	Lower	Upper
75	100		
53	105.0	85.2	127.8
89	46.1	36.7	55.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

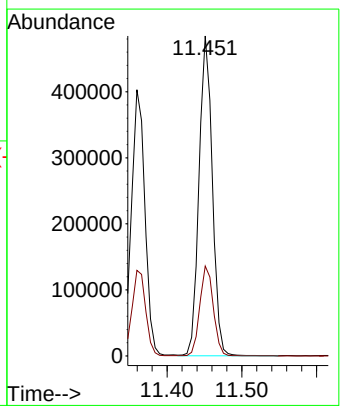
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025

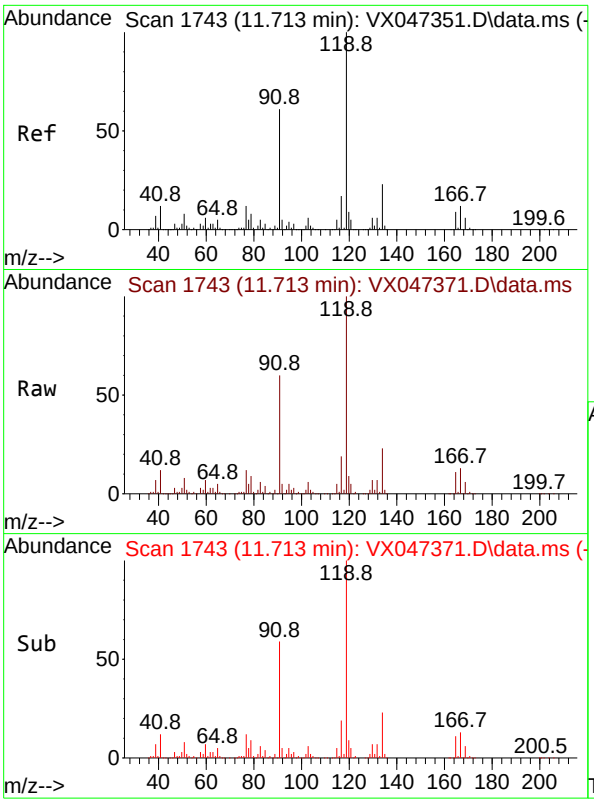


#82
4-Chlorotoluene
Concen: 47.174 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 91 Resp: 597497

Ion	Ratio	Lower	Upper
91	100		
126	28.5	14.4	43.0

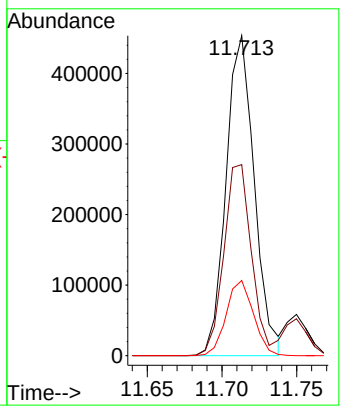




#83
tert-Butylbenzene
Concen: 48.866 ug/l
RT: 11.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion:119 Resp: 59698

Ion	Ratio	Lower	Upper
119	100		
91	58.0	29.1	87.4
134	22.7	11.3	33.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/19/2025
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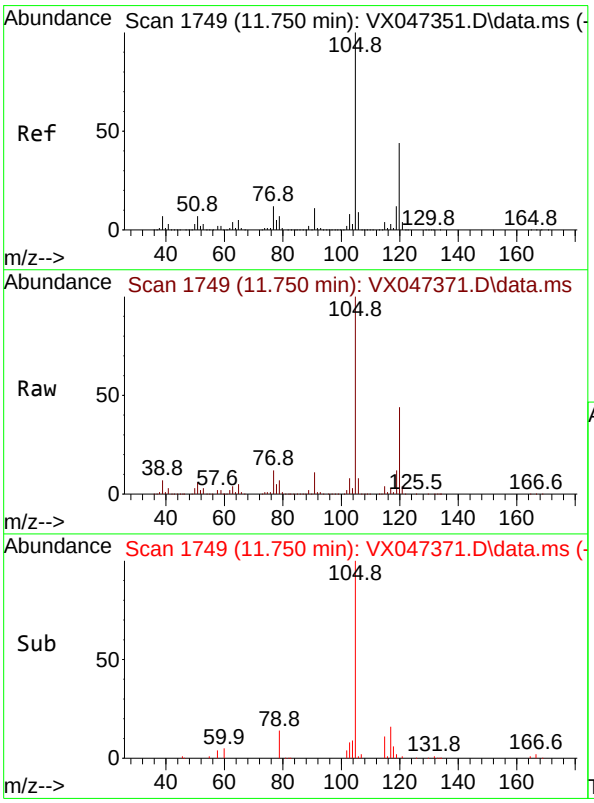
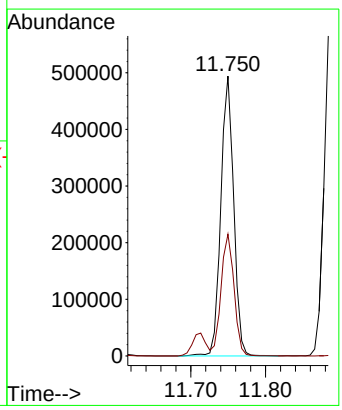
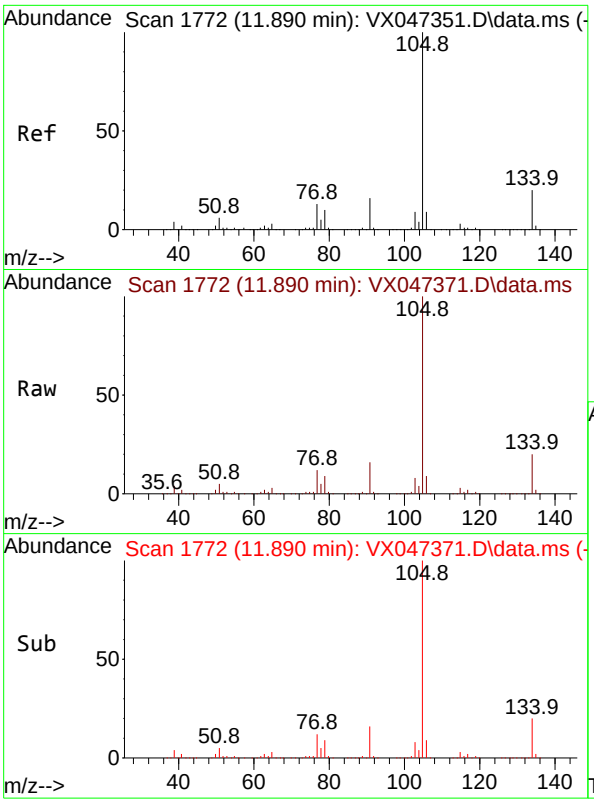


#84
1,2,4-Trimethylbenzene
Concen: 48.380 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion:105 Resp: 592440

Ion	Ratio	Lower	Upper
105	100		
120	44.0	21.9	65.7

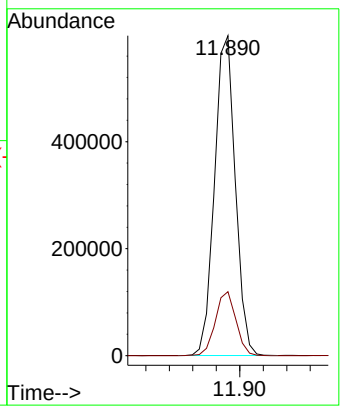




#85
sec-Butylbenzene
Concen: 48.547 ug/l
RT: 11.890 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion:105 Resp: 73511

Ion	Ratio	Lower	Upper
105	100		
134	19.9	9.8	29.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/19/2025
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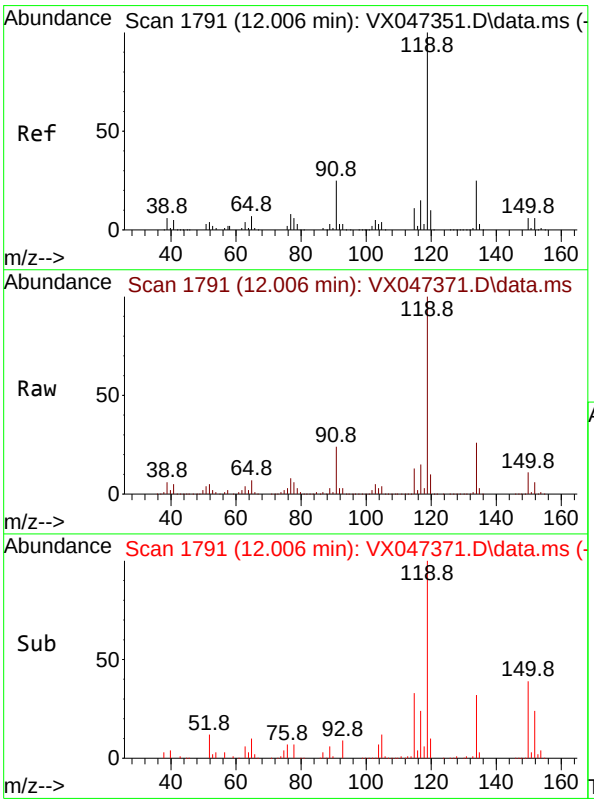
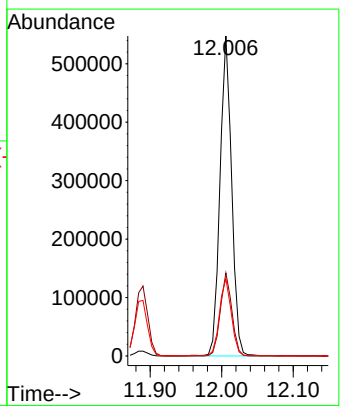
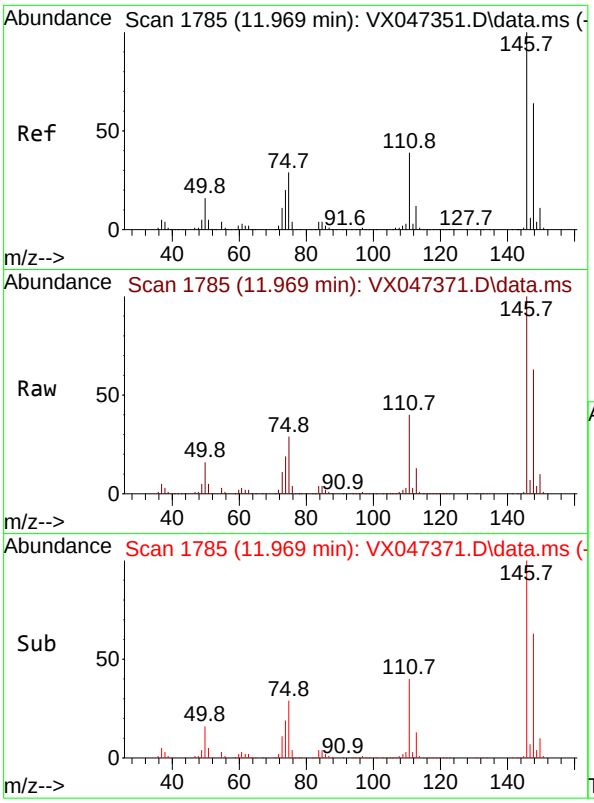


#86
p-Isopropyltoluene
Concen: 48.304 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion:119 Resp: 618942

Ion	Ratio	Lower	Upper
119	100		
134	25.7	12.8	38.4
91	24.4	12.4	37.4

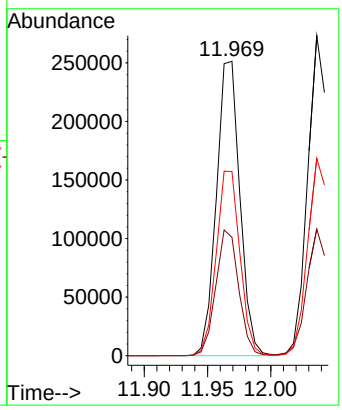




#87
1,3-Dichlorobenzene
Concen: 46.819 ug/l
RT: 11.969 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion:146 Resp: 32505

Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.6	61.8
148	63.3	31.9	95.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

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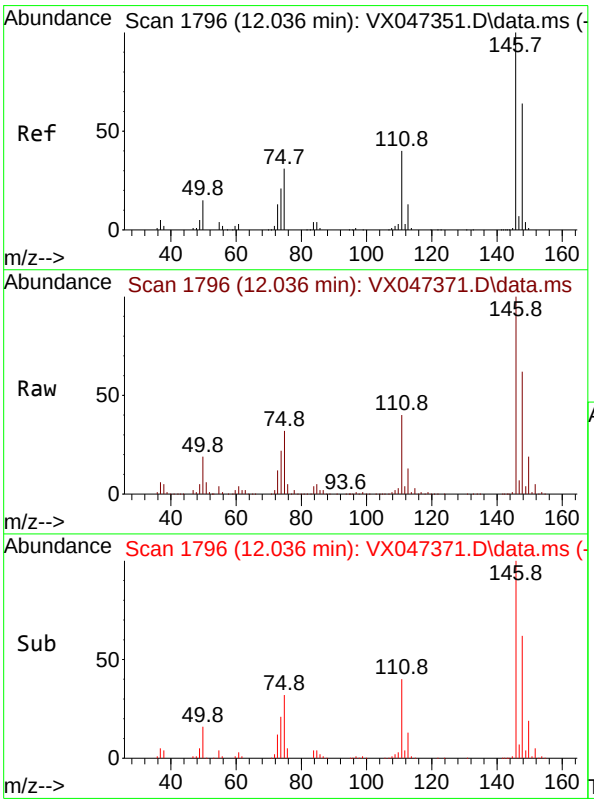
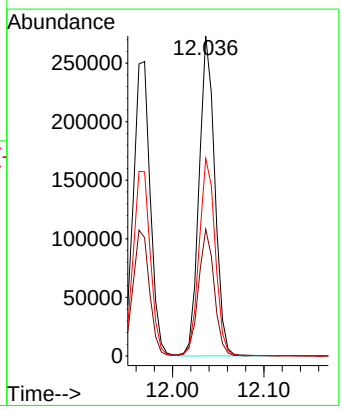
Supervised By :Mahesh Dadoda 08/20/2025

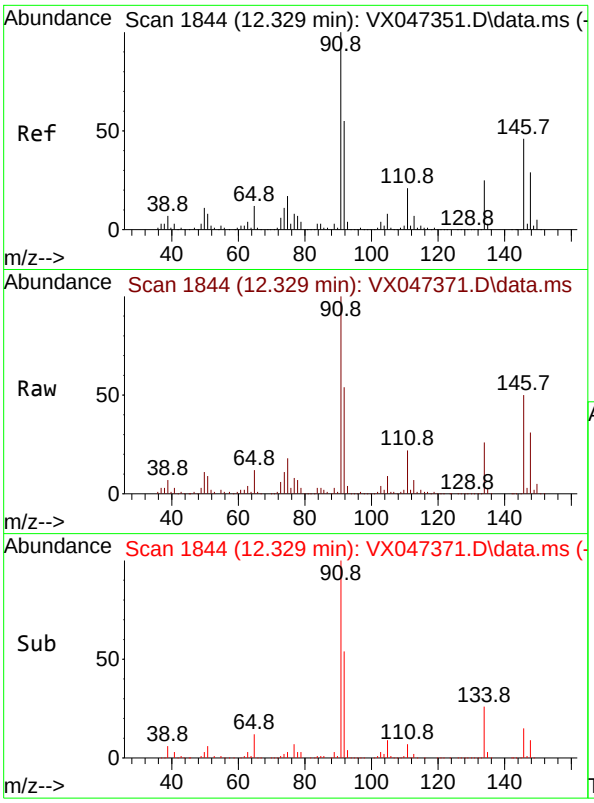


#88
1,4-Dichlorobenzene
Concen: 45.783 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion:146 Resp: 326917

Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.4	61.2
148	63.3	31.7	95.1





#89
n-Butylbenzene
Concen: 47.792 ug/l
RT: 12.329 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

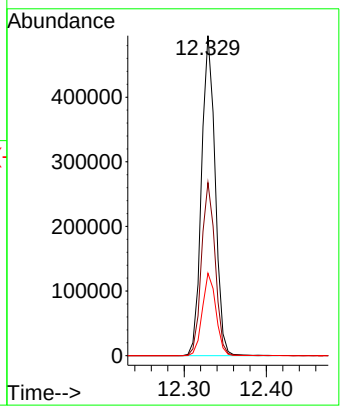
Tgt Ion: 91 Resp: 56958

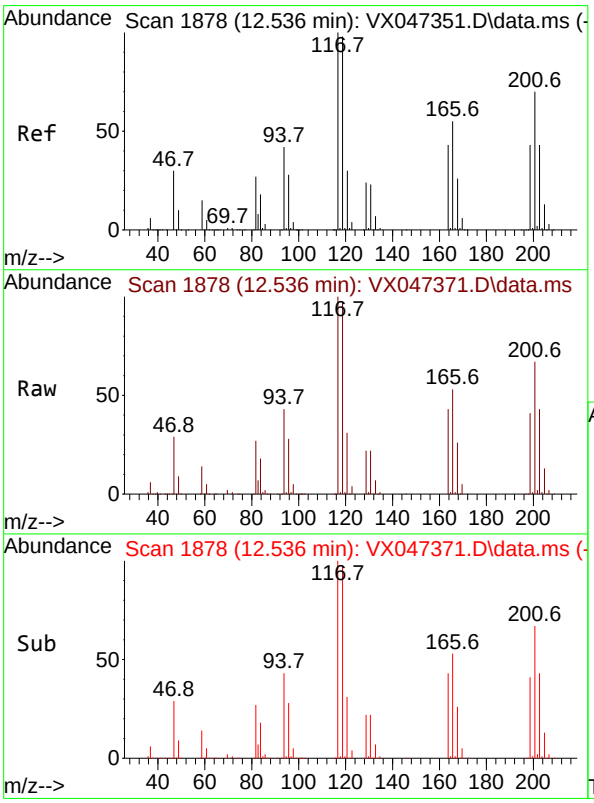
Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.2	81.5
134	25.7	12.6	37.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025

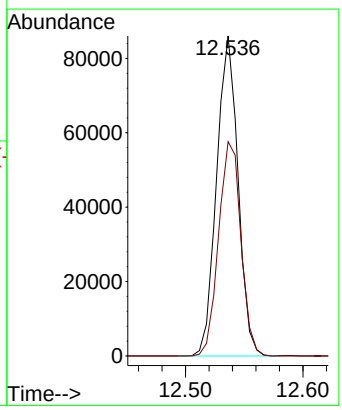


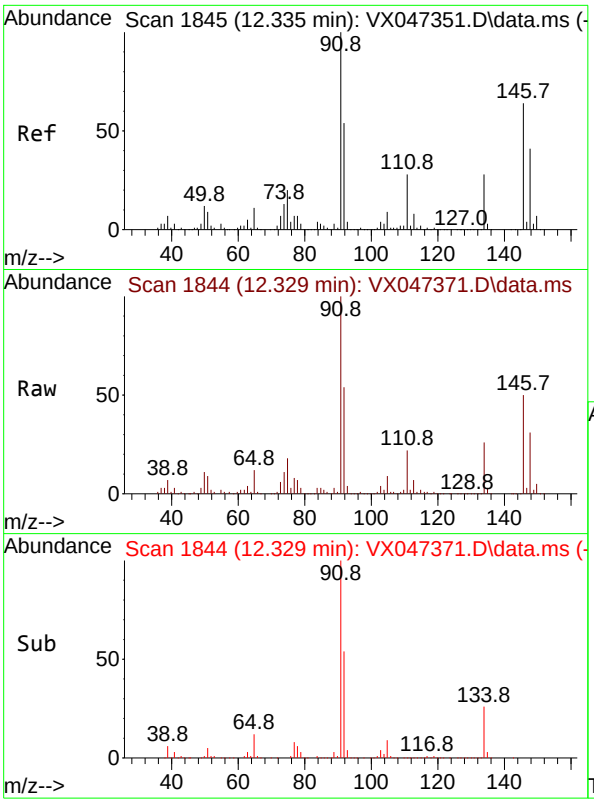


#90
Hexachloroethane
Concen: 48.462 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion:117 Resp: 108936

Ion	Ratio	Lower	Upper
117	100		
201	69.8	35.1	105.3

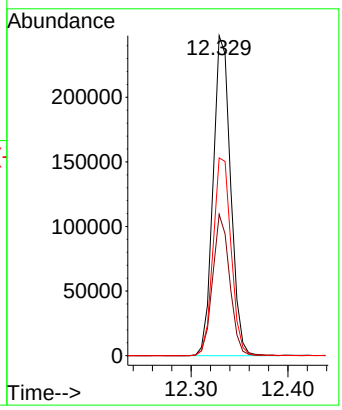




#91
1,2-Dichlorobenzene
Concen: 47.206 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion:146 Resp: 31108

Ion	Ratio	Lower	Upper
146	100		
111	43.0	22.1	66.1
148	63.6	31.9	95.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/19/2025
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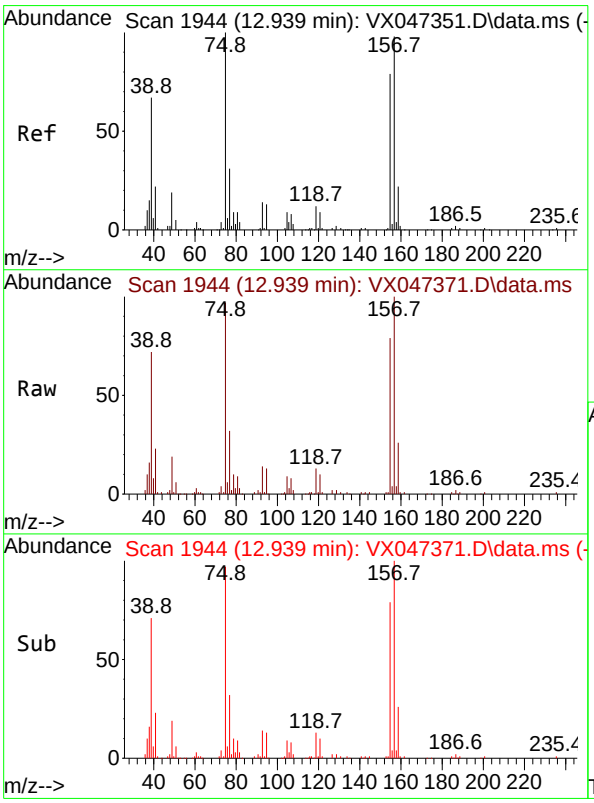
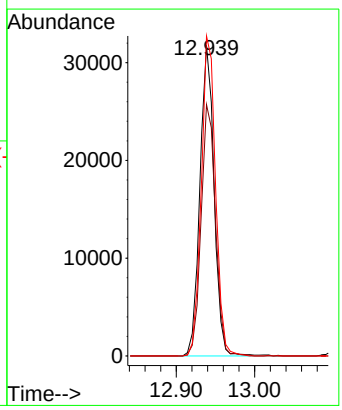
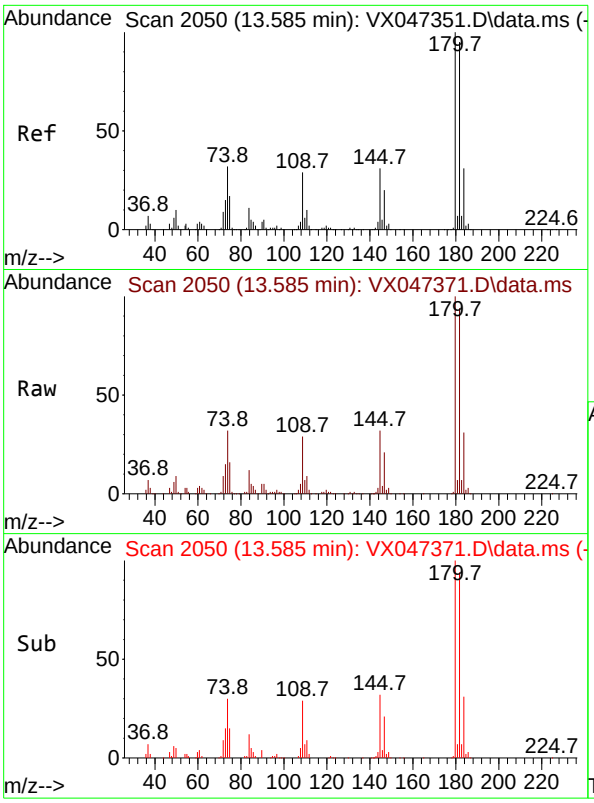


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.241 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 75 Resp: 39921

Ion	Ratio	Lower	Upper
75	100		
155	82.1	41.3	123.7
157	103.5	51.5	154.5





#93
1,2,4-Trichlorobenzene
Concen: 45.933 ug/l
RT: 13.585 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion:180 Resp: 20292

Ion	Ratio	Lower	Upper
180	100		
182	95.0	48.1	144.4
145	32.5	16.2	48.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

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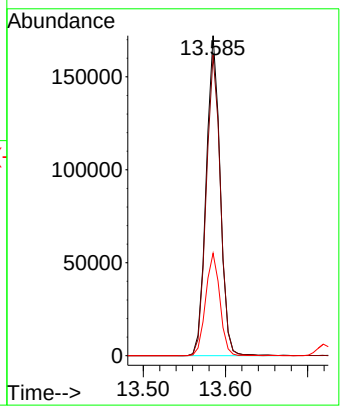
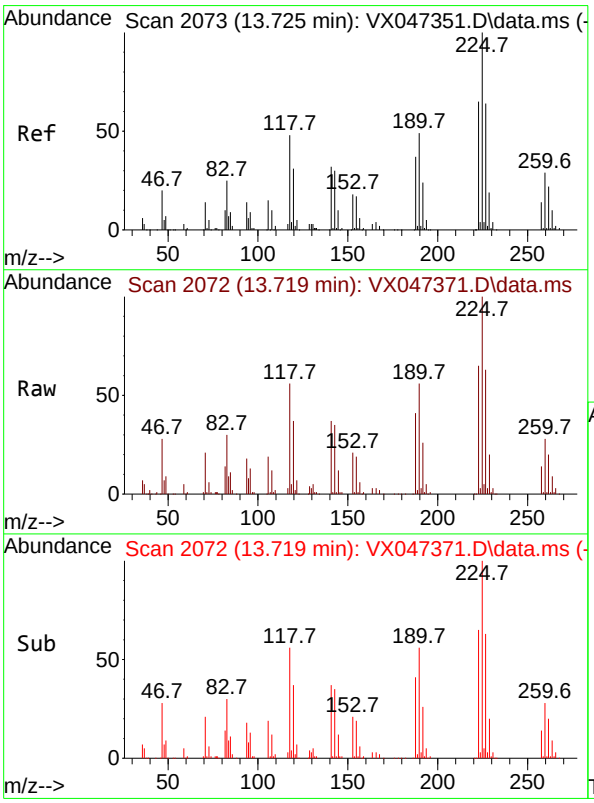
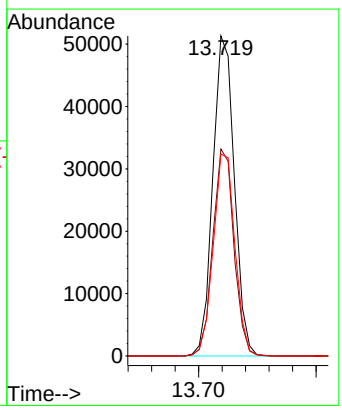


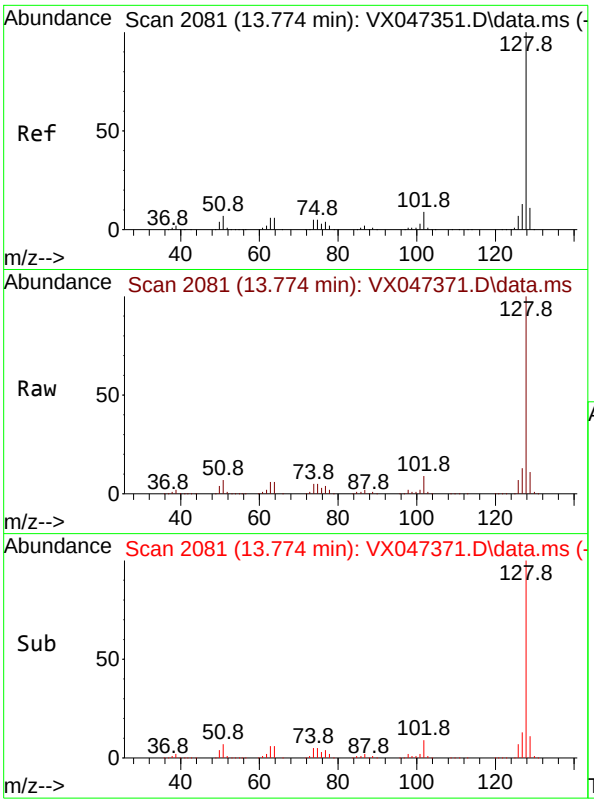


#94
Hexachlorobutadiene
Concen: 41.446 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion:225 Resp: 65173

Ion	Ratio	Lower	Upper
225	100		
223	63.4	32.2	96.6
227	63.8	31.6	95.0

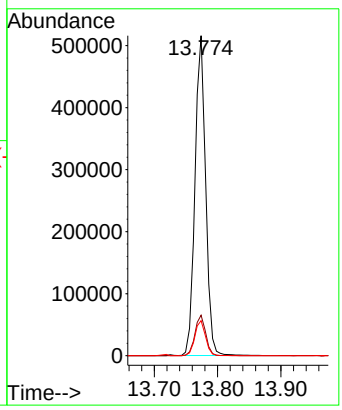




#95
Naphthalene
Concen: 47.948 ug/l
RT: 13.774 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion:128 Resp: 60533

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.1	15.1
129	11.0	8.7	13.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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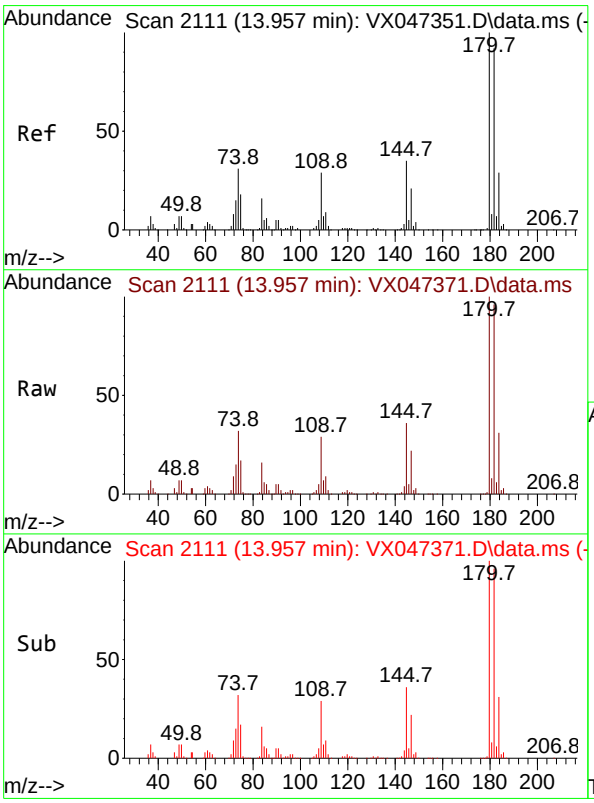
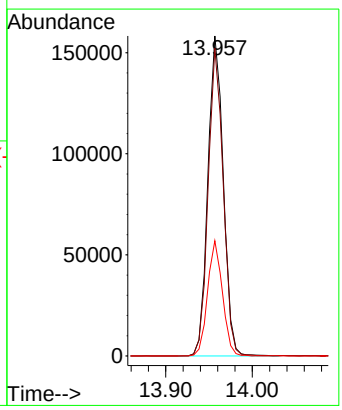


#96
1,2,3-Trichlorobenzene
Concen: 47.001 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion:180 Resp: 195721

Ion	Ratio	Lower	Upper
180	100		
182	93.9	48.0	144.2
145	34.7	17.4	52.2



Sample Results: **VX047371.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
Data File : VX047371.D
Acq On : 18 Aug 2025 10:00
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Aug 19 01:36:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 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	113	-0.01
2	T	Dichlorodifluoromethane	0.637	0.681	-6.9	105	0.00
3	P	Chloromethane	0.573	0.638	-11.3	116	0.00
4	C	Vinyl Chloride	0.720	0.719	0.1#	101	0.00
5	T	Bromomethane	0.291	0.248	14.8	83	0.00
6	T	Chloroethane	0.440	0.451	-2.5	110	0.00
7	T	Trichlorofluoromethane	1.065	1.060	0.5	101	0.00
8	T	Diethyl Ether	0.375	0.366	2.4	100	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.618	0.631	-2.1	102	0.00
10	T	Methyl Iodide	1.058	0.854	19.3	83	0.00
11	T	Tert butyl alcohol	0.061	0.059	3.3	98	0.00
12	CM	1,1-Dichloroethene	0.630	0.616	2.2#	100	0.00
13	T	Acrolein	0.129	0.072	44.2#	62	0.00
14	T	Allyl chloride	1.093	1.015	7.1	95	0.00
15	T	Acrylonitrile	0.294	0.290	1.4	96	0.00
16	T	Acetone	0.263	0.254	3.4	102	0.00
17	T	Carbon Disulfide	1.900	1.913	-0.7	108	0.00
18	T	Methyl Acetate	0.682	0.672	1.5	99	0.00
19	T	Methyl tert-butyl Ether	1.915	1.840	3.9	95	0.00
20	T	Methylene Chloride	0.697	0.657	5.7	98	0.00
21	T	trans-1,2-Dichloroethene	0.668	0.633	5.2	98	0.00
22	T	Diisopropyl ether	2.161	2.100	2.8	96	0.00
23	T	Vinyl Acetate	1.772	1.712	3.4	95	0.00
24	P	1,1-Dichloroethane	1.222	1.177	3.7	98	0.00
25	T	2-Butanone	0.344	0.330	4.1	96	0.00
26	T	2,2-Dichloropropane	0.922	0.866	6.1	96	0.00
27	T	cis-1,2-Dichloroethene	0.778	0.726	6.7	97	0.00
28	T	Bromochloromethane	0.508	0.536	-5.5	112	0.00
29	T	Tetrahydrofuran	0.223	0.205	8.1	94	0.00
30	C	Chloroform	1.247	1.170	6.2#	97	0.00
31	T	Cyclohexane	1.126	1.041	7.5	97	0.00
32	T	1,1,1-Trichloroethane	1.073	1.024	4.6	97	0.00
33	S	1,2-Dichloroethane-d4	0.700	0.690	1.4	111	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	110	0.00
35	S	Dibromofluoromethane	0.325	0.336	-3.4	111	0.00
36	T	1,1-Dichloropropene	0.512	0.487	4.9	95	0.00
37	T	Ethyl Acetate	0.532	0.522	1.9	97	0.00
38	T	Carbon Tetrachloride	0.560	0.548	2.1	99	0.00
39	T	Methylcyclohexane	0.639	0.604	5.5	95	0.00
40	TM	Benzene	1.533	1.469	4.2	95	0.00
41	T	Methacrylonitrile	0.224	0.216	3.6	92	0.00
42	TM	1,2-Dichloroethane	0.543	0.515	5.2	94	0.00
43	T	Isopropyl Acetate	0.764	0.727	4.8	92	0.00
44	TM	Trichloroethene	0.393	0.366	6.9	93	0.00
45	C	1,2-Dichloropropane	0.384	0.368	4.2#	96	0.00
46	T	Dibromomethane	0.279	0.265	5.0	96	0.00
47	T	Bromodichloromethane	0.578	0.557	3.6	96	0.00
48	T	Methyl methacrylate	0.397	0.374	5.8	92	0.00

Sample Results: **VX047371.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
Data File : VX047371.D
Acq On : 18 Aug 2025 10:00
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Aug 19 01:36:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.004	0.004	0.0	96	0.00
50	S	Toluene-d8	1.160	1.149	0.9	108	0.00
51	T	4-Methyl-2-Pentanone	0.440	0.428	2.7	92	0.00
52	CM	Toluene	0.947	0.900	5.0#	93	0.00
53	T	t-1,3-Dichloropropene	0.505	0.497	1.6	93	0.00
54	T	cis-1,3-Dichloropropene	0.571	0.550	3.7	94	0.00
55	T	1,1,2-Trichloroethane	0.360	0.340	5.6	94	0.00
56	T	Ethyl methacrylate	0.530	0.506	4.5	90	0.00
57	T	1,3-Dichloropropane	0.613	0.575	6.2	94	0.00
58	T	2-Chloroethyl Vinyl ether	0.211	0.232	-10.0	93	0.00
59	T	2-Hexanone	0.304	0.290	4.6	92	0.00
60	T	Dibromochloromethane	0.428	0.406	5.1	96	0.00
61	T	1,2-Dibromoethane	0.371	0.344	7.3	92	0.00
62	S	4-Bromofluorobenzene	0.428	0.424	0.9	108	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	107	0.00
64	T	Tetrachloroethene	0.362	0.349	3.6	94	0.00
65	PM	Chlorobenzene	1.188	1.129	5.0	94	0.00
66	T	1,1,1,2-Tetrachloroethane	0.402	0.389	3.2	94	0.00
67	C	Ethyl Benzene	2.045	1.968	3.8#	93	0.00
68	T	m/p-Xylenes	0.763	0.735	3.7	92	0.00
69	T	o-Xylene	0.734	0.708	3.5	93	0.00
70	T	Styrene	1.240	1.227	1.0	93	0.00
71	P	Bromoform	0.302	0.297	1.7	95	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	107	0.00
73	T	Isopropylbenzene	3.913	3.805	2.8	93	0.00
74	T	N-amyl acetate	1.486	1.465	1.4	91	0.00
75	P	1,1,2,2-Tetrachloroethane	1.149	1.100	4.3	93	0.00
76	T	1,2,3-Trichloropropane	0.917	0.852	7.1	90	0.00
77	T	Bromobenzene	0.955	0.903	5.4	92	0.00
78	T	n-propylbenzene	4.673	4.569	2.2	95	0.00
79	T	2-Chlorotoluene	2.825	2.650	6.2	92	0.00
80	T	1,3,5-Trimethylbenzene	3.219	3.106	3.5	93	0.00
81	T	trans-1,4-Dichloro-2-butene	0.178	0.129	27.5#	70	0.00
82	T	4-Chlorotoluene	3.330	3.142	5.6	93	0.00
83	T	tert-Butylbenzene	3.212	3.139	2.3	93	0.00
84	T	1,2,4-Trimethylbenzene	3.219	3.115	3.2	92	0.00
85	T	sec-Butylbenzene	3.981	3.865	2.9	94	0.00
86	T	p-Isopropyltoluene	3.369	3.254	3.4	94	0.00
87	T	1,3-Dichlorobenzene	1.825	1.709	6.4	92	0.00
88	T	1,4-Dichlorobenzene	1.877	1.719	8.4	93	0.00
89	T	n-Butylbenzene	3.133	2.995	4.4	93	0.00
90	T	Hexachloroethane	0.591	0.573	3.0	94	0.00
91	T	1,2-Dichlorobenzene	1.733	1.636	5.6	94	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.222	0.210	5.4	91	0.00
93	T	1,2,4-Trichlorobenzene	1.161	1.067	8.1	93	0.00
94	T	Hexachlorobutadiene	0.413	0.343	16.9	91	0.00
95	T	Naphthalene	3.319	3.183	4.1	90	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
Data File : VX047371.D
Acq On : 18 Aug 2025 10:00
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Aug 19 01:36:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.095	1.029	6.0	94	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Sample Results: **VX047371.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
Data File : VX047371.D
Acq On : 18 Aug 2025 10:00
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Aug 19 01:36:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 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	113	-0.01
2	T	Dichlorodifluoromethane	50.000	53.419	-6.8	105	0.00
3	P	Chloromethane	50.000	55.674	-11.3	116	0.00
4	C	Vinyl Chloride	50.000	49.979	0.0#	101	0.00
5	T	Bromomethane	50.000	42.665	14.7	83	0.00
6	T	Chloroethane	50.000	51.248	-2.5	110	0.00
7	T	Trichlorofluoromethane	50.000	49.809	0.4	101	0.00
8	T	Diethyl Ether	50.000	48.828	2.3	100	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.087	-2.2	102	0.00
10	T	Methyl Iodide	50.000	40.343	19.3	83	0.00
11	T	Tert butyl alcohol	250.000	243.310	2.7	98	0.00
12	CM	1,1-Dichloroethene	50.000	48.931	2.1#	100	0.00
13	T	Acrolein	250.000	140.523	43.8#	62	0.00
14	T	Allyl chloride	50.000	46.403	7.2	95	0.00
15	T	Acrylonitrile	250.000	246.561	1.4	96	0.00
16	T	Acetone	250.000	241.230	3.5	102	0.00
17	T	Carbon Disulfide	50.000	50.344	-0.7	108	0.00
18	T	Methyl Acetate	50.000	49.319	1.4	99	0.00
19	T	Methyl tert-butyl Ether	50.000	48.031	3.9	95	0.00
20	T	Methylene Chloride	50.000	47.188	5.6	98	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.345	5.3	98	0.00
22	T	Diisopropyl ether	50.000	48.571	2.9	96	0.00
23	T	Vinyl Acetate	250.000	241.659	3.3	95	0.00
24	P	1,1-Dichloroethane	50.000	48.171	3.7	98	0.00
25	T	2-Butanone	250.000	239.666	4.1	96	0.00
26	T	2,2-Dichloropropane	50.000	46.963	6.1	96	0.00
27	T	cis-1,2-Dichloroethene	50.000	46.668	6.7	97	0.00
28	T	Bromochloromethane	50.000	52.737	-5.5	112	0.00
29	T	Tetrahydrofuran	250.000	229.620	8.2	94	0.00
30	C	Chloroform	50.000	46.921	6.2#	97	0.00
31	T	Cyclohexane	50.000	46.209	7.6	97	0.00
32	T	1,1,1-Trichloroethane	50.000	47.731	4.5	97	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.309	1.4	111	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	110	0.00
35	S	Dibromofluoromethane	50.000	51.741	-3.5	111	0.00
36	T	1,1-Dichloropropene	50.000	47.491	5.0	95	0.00
37	T	Ethyl Acetate	50.000	49.091	1.8	97	0.00
38	T	Carbon Tetrachloride	50.000	48.915	2.2	99	0.00
39	T	Methylcyclohexane	50.000	47.245	5.5	95	0.00
40	TM	Benzene	50.000	47.917	4.2	95	0.00
41	T	Methacrylonitrile	50.000	48.083	3.8	92	0.00
42	TM	1,2-Dichloroethane	50.000	47.424	5.2	94	0.00
43	T	Isopropyl Acetate	50.000	47.583	4.8	92	0.00
44	TM	Trichloroethene	50.000	46.616	6.8	93	0.00
45	C	1,2-Dichloropropane	50.000	47.913	4.2#	96	0.00
46	T	Dibromomethane	50.000	47.485	5.0	96	0.00
47	T	Bromodichloromethane	50.000	48.205	3.6	96	0.00
48	T	Methyl methacrylate	50.000	47.171	5.7	92	0.00

Sample Results: **VX047371.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
Data File : VX047371.D
Acq On : 18 Aug 2025 10:00
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Aug 19 01:36:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 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	1013.952	-1.4	96	0.00
50	S	Toluene-d8	50.000	49.536	0.9	108	0.00
51	T	4-Methyl-2-Pentanone	250.000	243.653	2.5	92	0.00
52	CM	Toluene	50.000	47.503	5.0#	93	0.00
53	T	t-1,3-Dichloropropene	50.000	49.287	1.4	93	0.00
54	T	cis-1,3-Dichloropropene	50.000	48.187	3.6	94	0.00
55	T	1,1,2-Trichloroethane	50.000	47.246	5.5	94	0.00
56	T	Ethyl methacrylate	50.000	47.723	4.6	90	0.00
57	T	1,3-Dichloropropane	50.000	46.880	6.2	94	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	229.244	8.3	93	0.00
59	T	2-Hexanone	250.000	238.139	4.7	92	0.00
60	T	Dibromochloromethane	50.000	47.510	5.0	96	0.00
61	T	1,2-Dibromoethane	50.000	46.327	7.3	92	0.00
62	S	4-Bromofluorobenzene	50.000	49.495	1.0	108	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	107	0.00
64	T	Tetrachloroethene	50.000	48.259	3.5	94	0.00
65	PM	Chlorobenzene	50.000	47.514	5.0	94	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.384	3.2	94	0.00
67	C	Ethyl Benzene	50.000	48.124	3.8#	93	0.00
68	T	m/p-Xylenes	100.000	96.341	3.7	92	0.00
69	T	o-Xylene	50.000	48.267	3.5	93	0.00
70	T	Styrene	50.000	49.483	1.0	93	0.00
71	P	Bromoform	50.000	49.276	1.4	95	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	107	0.00
73	T	Isopropylbenzene	50.000	48.628	2.7	93	0.00
74	T	N-amyl acetate	50.000	49.291	1.4	91	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	47.887	4.2	93	0.00
76	T	1,2,3-Trichloropropane	50.000	46.476	7.0	90	0.00
77	T	Bromobenzene	50.000	47.261	5.5	92	0.00
78	T	n-propylbenzene	50.000	48.892	2.2	95	0.00
79	T	2-Chlorotoluene	50.000	46.898	6.2	92	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.241	3.5	93	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	33.692	32.6#	70	0.00
82	T	4-Chlorotoluene	50.000	47.174	5.7	93	0.00
83	T	tert-Butylbenzene	50.000	48.866	2.3	93	0.00
84	T	1,2,4-Trimethylbenzene	50.000	48.380	3.2	92	0.00
85	T	sec-Butylbenzene	50.000	48.547	2.9	94	0.00
86	T	p-Isopropyltoluene	50.000	48.304	3.4	94	0.00
87	T	1,3-Dichlorobenzene	50.000	46.819	6.4	92	0.00
88	T	1,4-Dichlorobenzene	50.000	45.783	8.4	93	0.00
89	T	n-Butylbenzene	50.000	47.792	4.4	93	0.00
90	T	Hexachloroethane	50.000	48.462	3.1	94	0.00
91	T	1,2-Dichlorobenzene	50.000	47.206	5.6	94	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	47.241	5.5	91	0.00
93	T	1,2,4-Trichlorobenzene	50.000	45.933	8.1	93	0.00
94	T	Hexachlorobutadiene	50.000	41.446	17.1	91	0.00
95	T	Naphthalene	50.000	47.948	4.1	90	0.00

Sample Results: **VX047371.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
Data File : VX047371.D
Acq On : 18 Aug 2025 10:00
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Aug 19 01:36:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.001	6.0	94	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Raw Data: **VX047398.D**

Alliance TECHNICAL GROUP

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	Alliance	Contract:	TETR06
Lab Code:	ACE	SDG No.:	Q2886
Instrument ID:	MSVOA_X	Calibration Date/Time:	08/18/2025 20:57
Lab File ID:	VX047398.D	Init. Calib. Date(s):	08/15/2025 08/15/2025
Heated Purge: (Y/N)	N	Init. Calib. Time(s):	09:40 12:30

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.637	0.633		-0.63	50
Chloromethane	0.573	0.563	0.1	-1.75	50
Vinyl Chloride	0.720	0.674		-6.39	50
Bromomethane	0.291	0.176		-39.52	50
Chloroethane	0.440	0.422		-4.09	50
Trichlorofluoromethane	1.065	1.016		-4.6	50
1,1,2-Trichlorotrifluoroethane	0.618	0.604		-2.27	50
1,1-Dichloroethene	0.630	0.592		-6.03	50
Acetone	0.263	0.251		-4.56	50
Carbon Disulfide	1.900	1.780		-6.32	50
Methyl tert-butyl Ether	1.915	1.897		-0.94	50
Methyl Acetate	0.682	0.740		8.5	50
Methylene Chloride	0.697	0.659		-5.45	50
trans-1,2-Dichloroethene	0.668	0.625		-6.44	50
1,1-Dichloroethane	1.222	1.172	0.1	-4.09	50
Cyclohexane	1.126	1.065		-5.42	50
2-Butanone	0.344	0.365		6.11	50
Carbon Tetrachloride	0.560	0.527		-5.89	50
cis-1,2-Dichloroethene	0.778	0.733		-5.78	50
Bromochloromethane	0.508	0.496		-2.36	50
Chloroform	1.247	1.196		-4.09	50
1,1,1-Trichloroethane	1.073	1.028		-4.19	50
Methylcyclohexane	0.639	0.604		-5.48	50
Benzene	1.533	1.461		-4.7	50
1,2-Dichloroethane	0.543	0.517		-4.79	50
Trichloroethene	0.393	0.369		-6.11	50
1,2-Dichloropropane	0.384	0.366		-4.69	50
Bromodichloromethane	0.578	0.549		-5.02	50
4-Methyl-2-Pentanone	0.440	0.468		6.36	50
Toluene	0.947	0.907		-4.22	50
t-1,3-Dichloropropene	0.505	0.491		-2.77	50
cis-1,3-Dichloropropene	0.571	0.534		-6.48	50
1,1,2-Trichloroethane	0.360	0.345		-4.17	50
2-Hexanone	0.304	0.324		6.58	50
Dibromochloromethane	0.428	0.409		-4.44	50
1,2-Dibromoethane	0.371	0.359		-3.23	50
Tetrachloroethene	0.362	0.350		-3.32	50
Chlorobenzene	1.188	1.117	0.3	-5.98	50

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Raw Data: **VX047398.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	Alliance	Contract:	TETR06
Lab Code:	ACE	SDG No.:	Q2886
Instrument ID:	MSVOA_X	Calibration Date/Time:	08/18/2025 20:57
Lab File ID:	VX047398.D	Init. Calib. Date(s):	08/15/2025 08/15/2025
Heated Purge: (Y/N)	N	Init. Calib. Time(s):	09:40 12:30

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	2.045	1.978		-3.28	50
m/p-Xylenes	0.763	0.744		-2.49	50
o-Xylene	0.734	0.715		-2.59	50
Styrene	1.240	1.214		-2.1	50
Bromoform	0.302	0.301	0.1	-0.33	50
Isopropylbenzene	3.913	3.767		-3.73	50
1,1,2,2-Tetrachloroethane	1.149	1.119	0.3	-2.61	50
1,3-Dichlorobenzene	1.825	1.690		-7.4	50
1,4-Dichlorobenzene	1.877	1.698		-9.54	50
1,2-Dichlorobenzene	1.733	1.602		-7.56	50
1,2-Dibromo-3-Chloropropane	0.222	0.229		3.15	50
1,2,4-Trichlorobenzene	1.161	1.096		-5.6	50
1,2,3-Trichlorobenzene	1.095	1.036		-5.39	50
1,2-Dichloroethane-d4	0.700	0.708		1.14	50
Dibromofluoromethane	0.325	0.329		1.23	50
Toluene-d8	1.160	1.154		-0.52	50
4-Bromofluorobenzene	0.428	0.435		1.64	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\VX081825\
Data File : VX047398.D
Acq On : 18 Aug 2025 20:57
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Aug 19 01:51:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.568	168	239104	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	409468	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	364979	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	181876	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	169393	50.620	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.240%			
35) Dibromofluoromethane	5.404	113	134653	50.669	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.340%			
50) Toluene-d8	8.653	98	472396	49.733	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.460%			
62) 4-Bromofluorobenzene	11.079	95	177952	50.769	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.540%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	151457	49.690	ug/l	98
3) Chloromethane	1.313	50	134677	49.117	ug/l	95
4) Vinyl Chloride	1.392	62	161209	46.841	ug/l	98
5) Bromomethane	1.624	94	41982	30.200	ug/l	97
6) Chloroethane	1.703	64	100911	47.923	ug/l	100
7) Trichlorofluoromethane	1.904	101	242847	47.704	ug/l	100
8) Diethyl Ether	2.148	74	85280	47.576	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.349	101	144462	48.921	ug/l	99
10) Methyl Iodide	2.471	142	139225	27.512	ug/l	97
11) Tert butyl alcohol	2.965	59	82261	282.575	ug/l	100
12) 1,1-Dichloroethene	2.337	96	141611	47.039	ug/l	95
13) Acrolein	2.252	56	8966	14.590	ug/l	92
14) Allyl chloride	2.684	41	217448	41.586	ug/l	98
15) Acrylonitrile	3.081	53	363973	258.742	ug/l	99
16) Acetone	2.392	43	299617	238.203	ug/l	99
17) Carbon Disulfide	2.532	76	425517	46.840	ug/l	98
18) Methyl Acetate	2.715	43	176982	54.297	ug/l	100
19) Methyl tert-butyl Ether	3.130	73	453492	49.516	ug/l	97
20) Methylene Chloride	2.806	84	157641	47.329	ug/l	98
21) trans-1,2-Dichloroethene	3.111	96	149432	46.767	ug/l	97
22) Diisopropyl ether	3.776	45	511346	49.473	ug/l	96
23) Vinyl Acetate	3.739	43	2084668	246.075	ug/l	99
24) 1,1-Dichloroethane	3.629	63	280167	47.957	ug/l	99
25) 2-Butanone	4.568	43	436669	265.075	ug/l	99
26) 2,2-Dichloropropane	4.495	77	175530	39.808	ug/l	97
27) cis-1,2-Dichloroethene	4.501	96	175340	47.114	ug/l	98
28) Bromochloromethane	4.910	49	118660	48.810	ug/l	100
29) Tetrahydrofuran	5.026	42	283761	266.507	ug/l	98
30) Chloroform	5.111	83	286078	47.982	ug/l	97
31) Cyclohexane	5.489	56	254659	47.287	ug/l	97
32) 1,1,1-Trichloroethane	5.397	97	245866	47.909	ug/l	99
36) 1,1-Dichloropropene	5.708	75	199797	47.627	ug/l	99
37) Ethyl Acetate	4.727	43	210513	48.337	ug/l	99
38) Carbon Tetrachloride	5.696	117	215992	47.116	ug/l	99
39) Methylcyclohexane	7.391	83	247122	47.227	ug/l	95
40) Benzene	6.050	78	598209	47.641	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
Data File : VX047398.D
Acq On : 18 Aug 2025 20:57
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Aug 19 01:51:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.940	41	91908	50.045	ug/l		95
42) 1,2-Dichloroethane	6.098	62	211887	47.640	ug/l		100
43) Isopropyl Acetate	6.348	43	317114	50.686	ug/l		100
44) Trichloroethene	7.135	130	151205	47.029	ug/l		99
45) 1,2-Dichloropropane	7.434	63	149932	47.663	ug/l		98
46) Dibromomethane	7.586	93	108086	47.328	ug/l		99
47) Bromodichloromethane	7.824	83	224833	47.489	ug/l		99
48) Methyl methacrylate	7.696	41	163233	50.264	ug/l		98
49) 1,4-Dioxane	7.684	88	33800	1070.636	ug/l		99
51) 4-Methyl-2-Pentanone	8.574	43	957168	265.854	ug/l		98
52) Toluene	8.720	92	371391	47.866	ug/l		100
53) t-1,3-Dichloropropene	8.982	75	200913	48.624	ug/l		98
54) cis-1,3-Dichloropropene	8.372	75	218646	46.750	ug/l		98
55) 1,1,2-Trichloroethane	9.153	97	141129	47.906	ug/l		99
56) Ethyl methacrylate	9.116	69	221781	51.063	ug/l		99
57) 1,3-Dichloropropane	9.311	76	241320	48.073	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	531511	256.065	ug/l		100
59) 2-Hexanone	9.433	43	663645	266.477	ug/l		99
60) Dibromochloromethane	9.519	129	167507	47.846	ug/l		100
61) 1,2-Dibromoethane	9.610	107	147057	48.409	ug/l		98
64) Tetrachloroethene	9.275	164	127728	48.383	ug/l		97
65) Chlorobenzene	10.079	112	407823	47.020	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	141328	48.203	ug/l		100
67) Ethyl Benzene	10.195	91	721774	48.350	ug/l		98
68) m/p-Xylenes	10.299	106	543135	97.575	ug/l		100
69) o-Xylene	10.640	106	260931	48.711	ug/l		99
70) Styrene	10.653	104	443043	48.950	ug/l		99
71) Bromoform	10.799	173	109693	49.800	ug/l	#	100
73) Isopropylbenzene	10.963	105	685100	48.136	ug/l		99
74) N-amyl acetate	10.842	43	283144	52.388	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	203458	48.688	ug/l		98
76) 1,2,3-Trichloropropane	11.238	75	162792m	48.801	ug/l		
77) Bromobenzene	11.195	156	162609	46.788	ug/l		99
78) n-propylbenzene	11.305	91	815287	47.963	ug/l		100
79) 2-Chlorotoluene	11.360	91	483943	47.097	ug/l		98
80) 1,3,5-Trimethylbenzene	11.451	105	559007	47.736	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	32344	43.382	ug/l		99
82) 4-Chlorotoluene	11.451	91	564800	46.629	ug/l		99
83) tert-Butylbenzene	11.713	119	559489	47.888	ug/l		97
84) 1,2,4-Trimethylbenzene	11.750	105	565346	48.276	ug/l		100
85) sec-Butylbenzene	11.890	105	706315	48.776	ug/l		100
86) p-Isopropyltoluene	12.006	119	588746	48.046	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	307335	46.289	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	308887	45.233	ug/l		99
89) n-Butylbenzene	12.329	91	548981	48.167	ug/l		100
90) Hexachloroethane	12.536	117	104319	48.527	ug/l		95
91) 1,2-Dichlorobenzene	12.335	146	291404	46.240	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	41583	51.455	ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	199368	47.190	ug/l		97
94) Hexachlorobutadiene	13.719	225	69851	46.449	ug/l		100
95) Naphthalene	13.774	128	614882	50.928	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	188409	47.311	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
Data File : VX047398.D
Acq On : 18 Aug 2025 20:57
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025

Quant Time: Aug 19 01:51:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

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

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

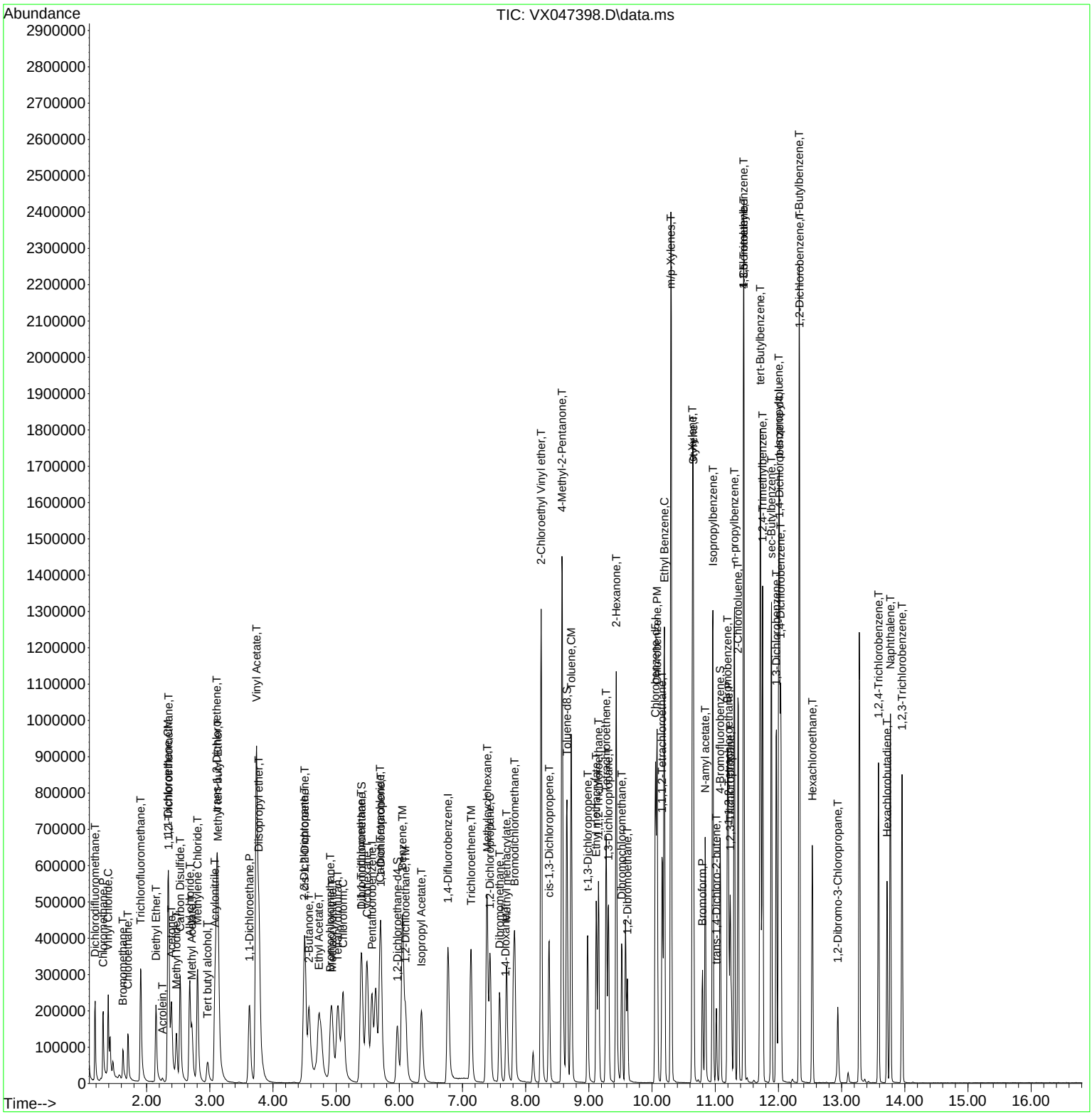
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
Data File : VX047398.D
Acq On : 18 Aug 2025 20:57
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

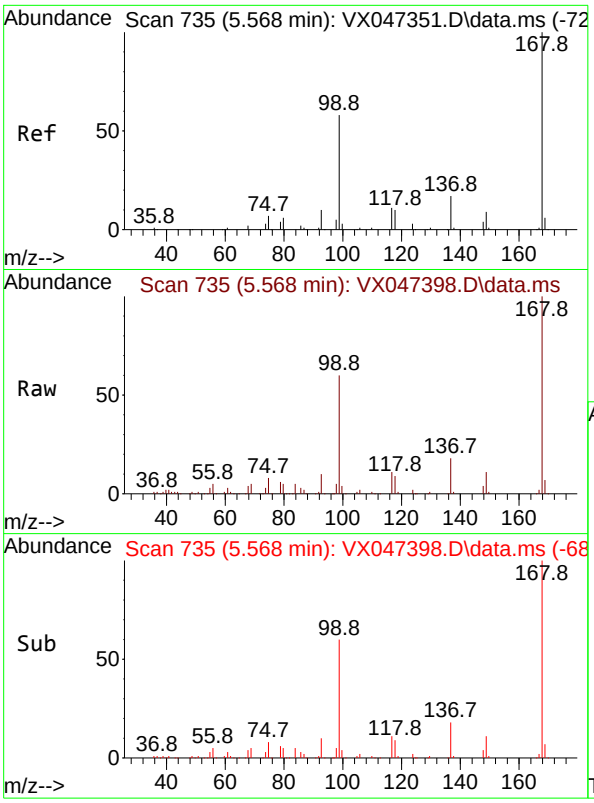
Quant Time: Aug 19 01:51:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025

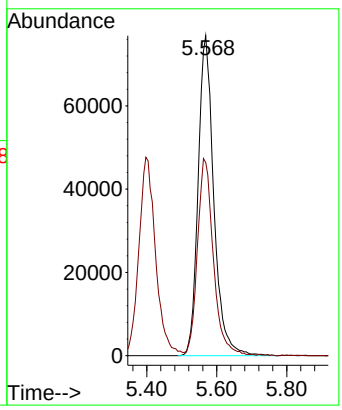




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion:168 Resp: 23910

Ion	Ratio	Lower	Upper
168	100		
99	60.4	47.9	71.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/19/2025
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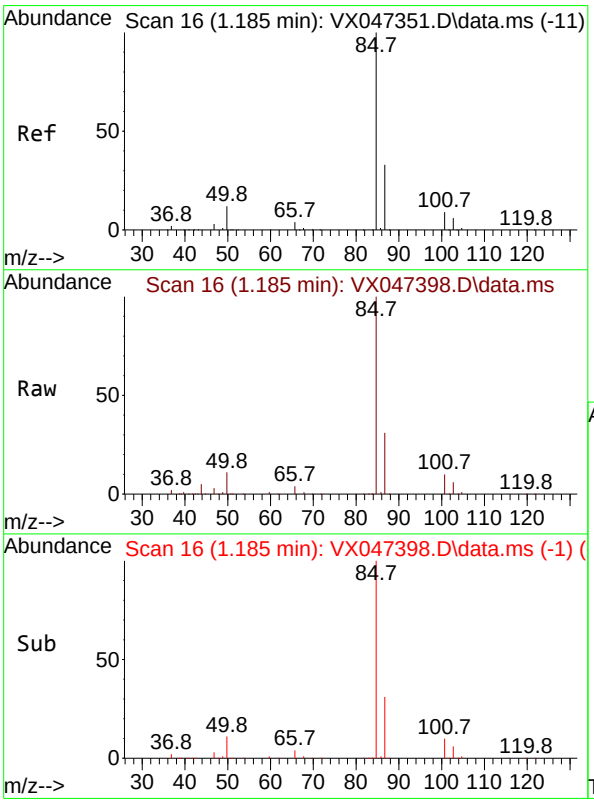
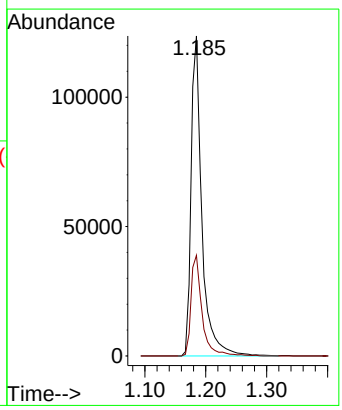
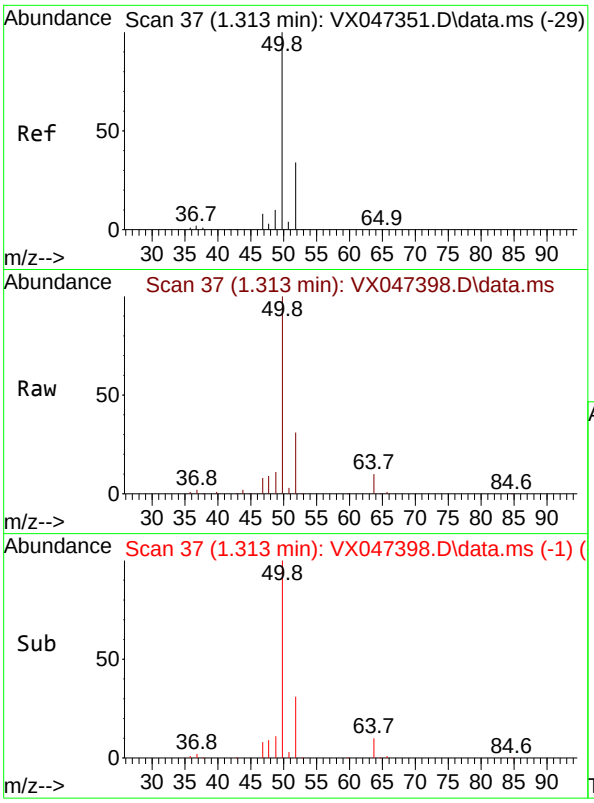


#2
Dichlorodifluoromethane
Concen: 49.690 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 85 Resp: 151457

Ion	Ratio	Lower	Upper
85	100		
87	31.5	16.4	49.1

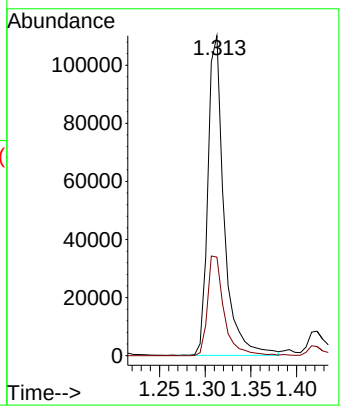




#3
Chloromethane
Concen: 49.117 ug/l
RT: 1.313 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 50 Resp: 13467

Ion	Ratio	Lower	Upper
50	100		
52	30.8	27.0	40.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/19/2025
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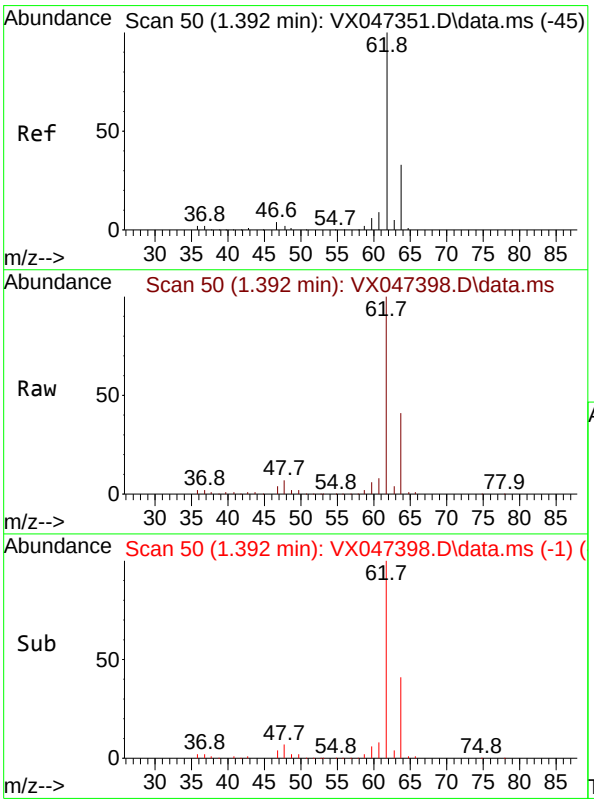
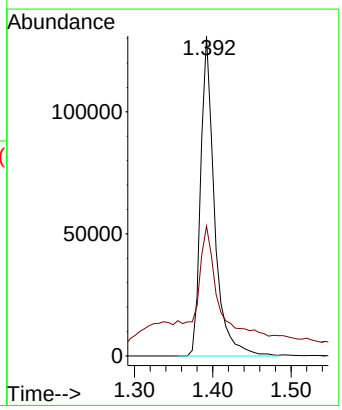
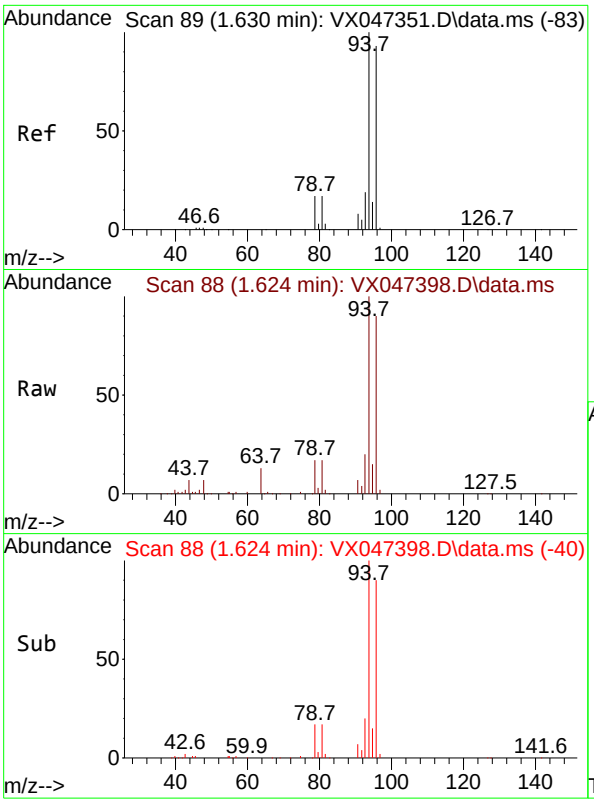


#4
Vinyl Chloride
Concen: 46.841 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 62 Resp: 161209

Ion	Ratio	Lower	Upper
62	100		
64	34.3	26.5	39.7





#5
Bromomethane
Concen: 30.200 ug/l
RT: 1.624 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

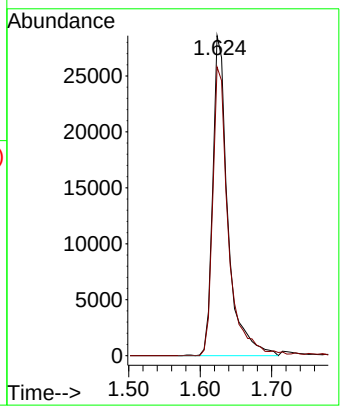
Tgt Ion: 94 Resp: 4198

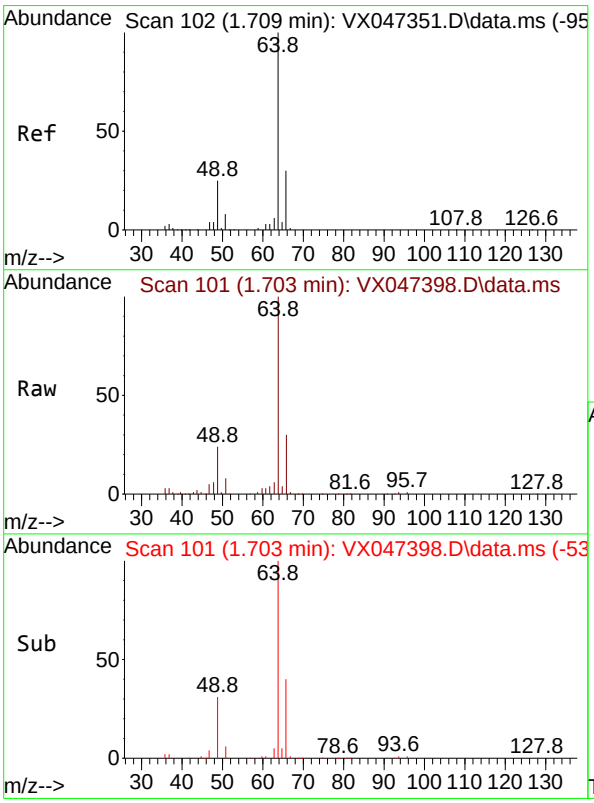
Ion	Ratio	Lower	Upper
94	100		
96	90.2	74.7	112.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025

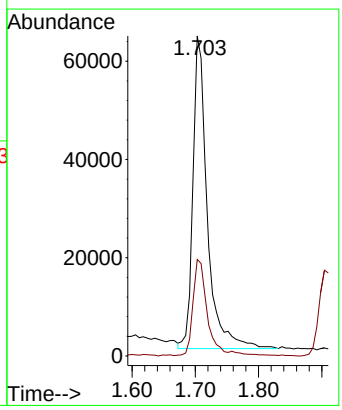


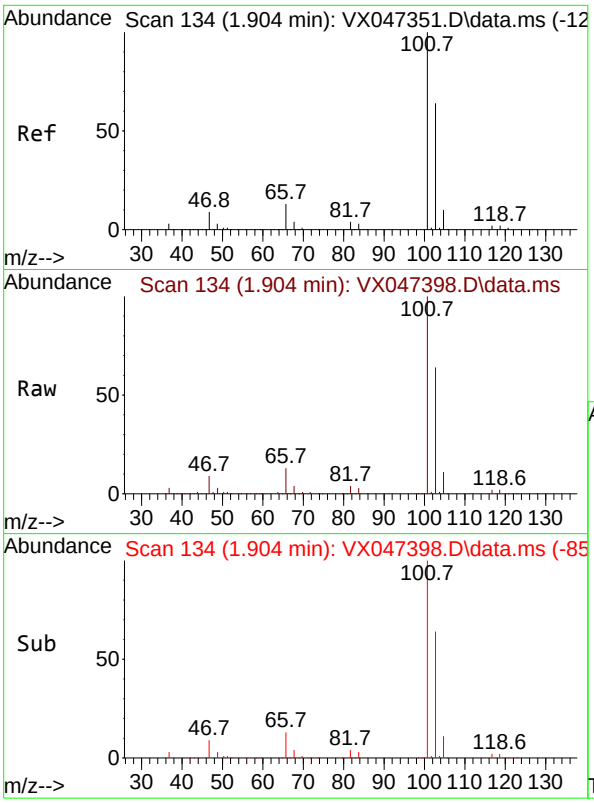


#6
Chloroethane
Concen: 47.923 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.006 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 64 Resp: 100911

Ion	Ratio	Lower	Upper
64	100		
66	30.7	24.4	36.6





#7
Trichlorofluoromethane
Concen: 47.704 ug/l
RT: 1.904 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion:101 Resp: 24284

Ion	Ratio	Lower	Upper
101	100		
103	63.6	50.9	76.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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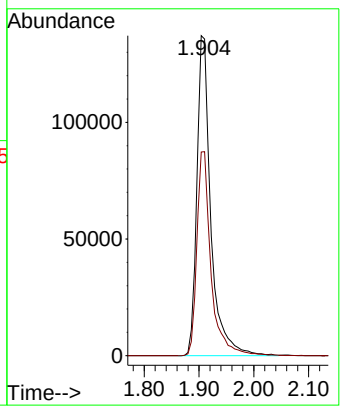
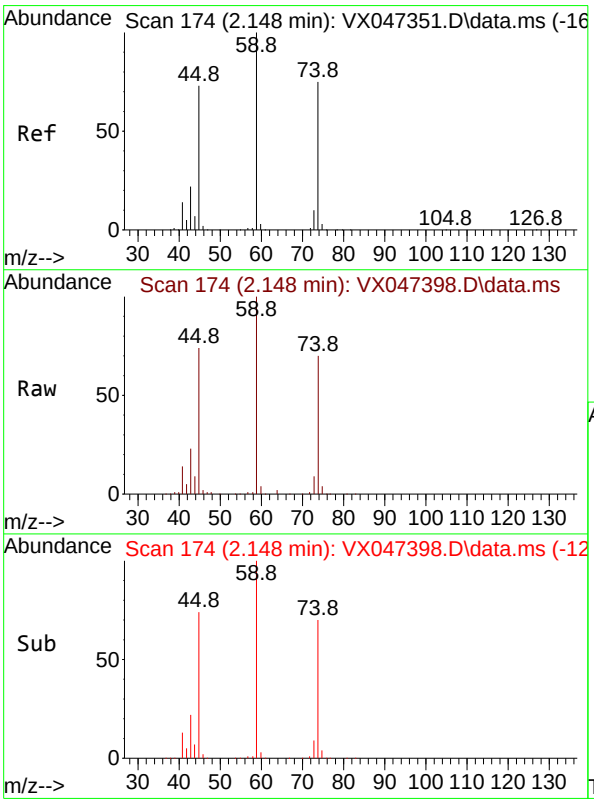
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025

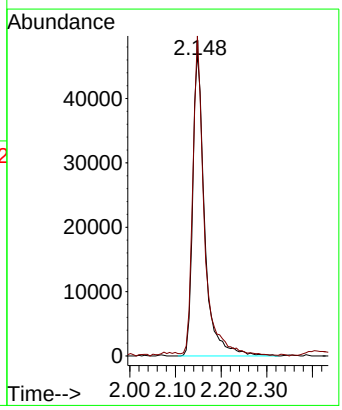


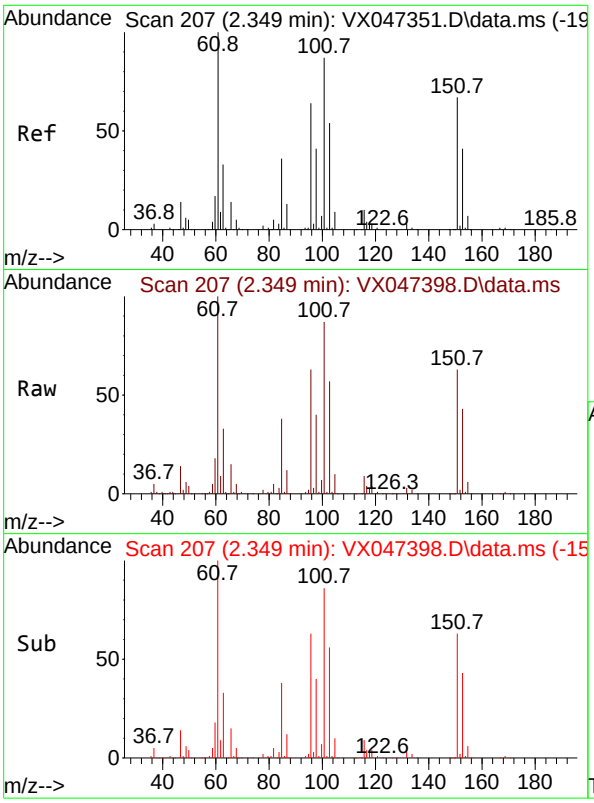


#8
Diethyl Ether
Concen: 47.576 ug/l
RT: 2.148 min Scan# 174
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 74 Resp: 85280

Ion	Ratio	Lower	Upper
74	100		
45	101.8	51.3	154.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.921 ug/l
RT: 2.349 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion:101 Resp: 14446

Ion	Ratio	Lower	Upper
101	100		
85	44.4	34.3	51.5
151	74.8	59.2	88.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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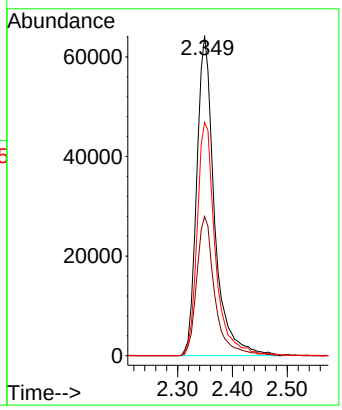
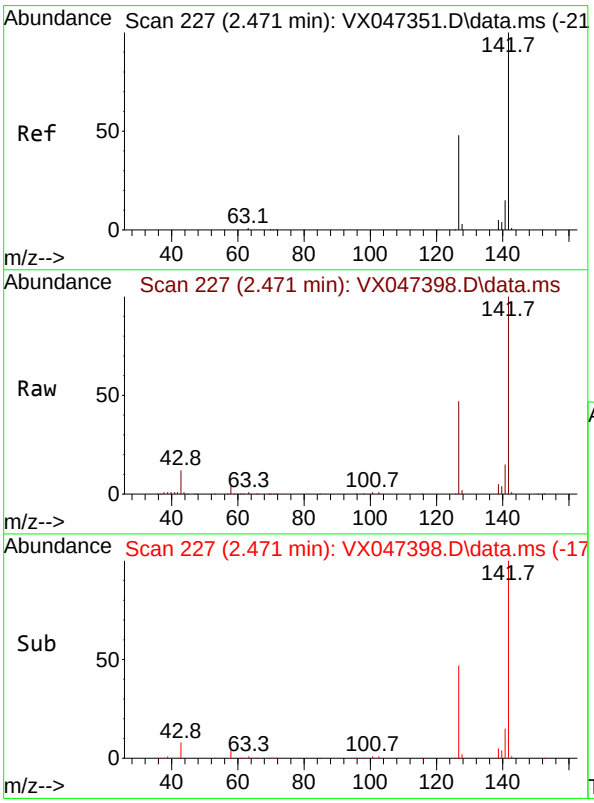
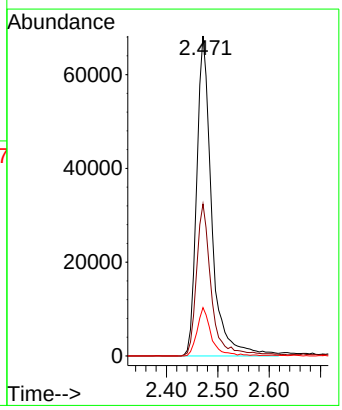


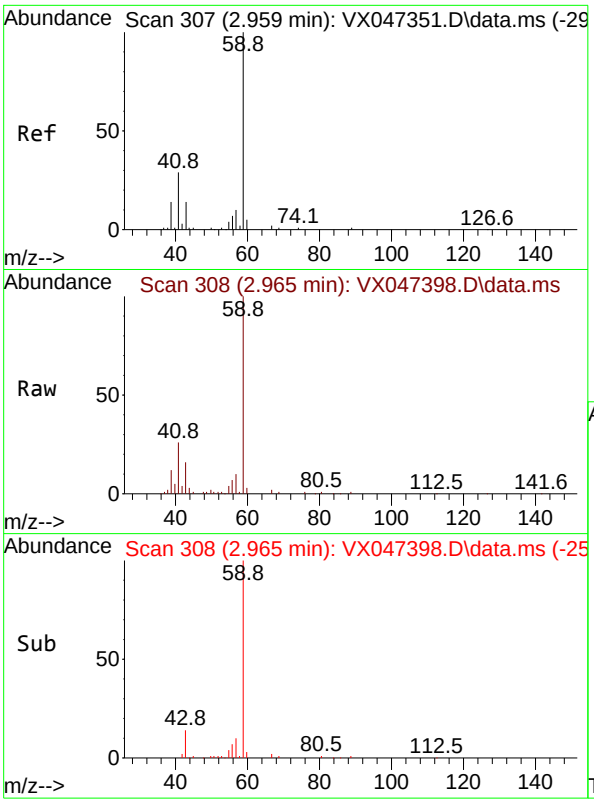


#10
Methyl Iodide
Concen: 27.512 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion:142 Resp: 139225

Ion	Ratio	Lower	Upper
142	100		
127	47.3	36.1	54.1
141	14.3	11.1	16.7

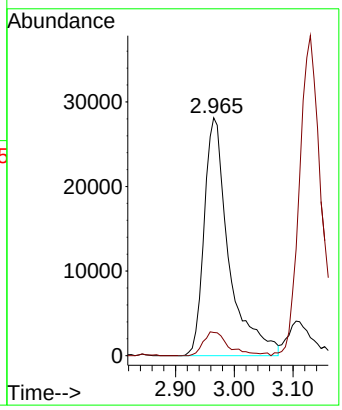




#11
Tert butyl alcohol
Concen: 282.575 ug/l
RT: 2.965 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 59 Resp: 8226

Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.3	12.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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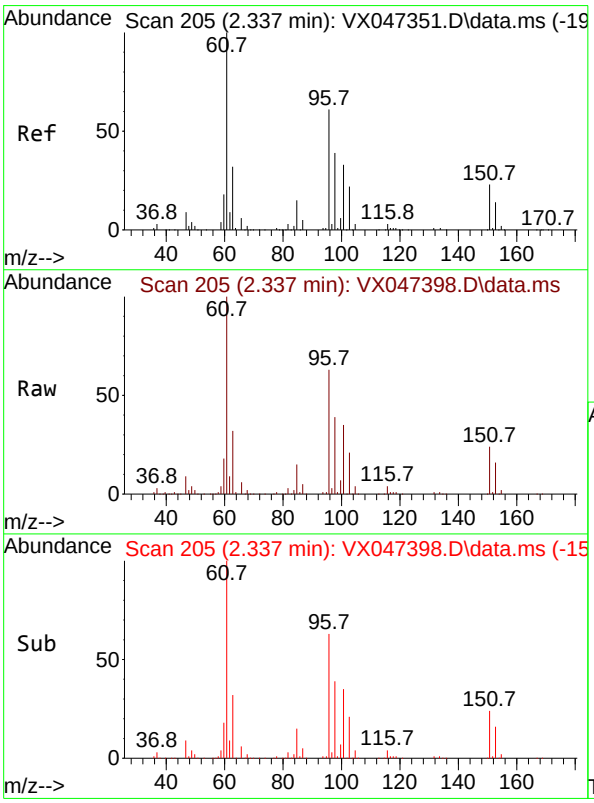
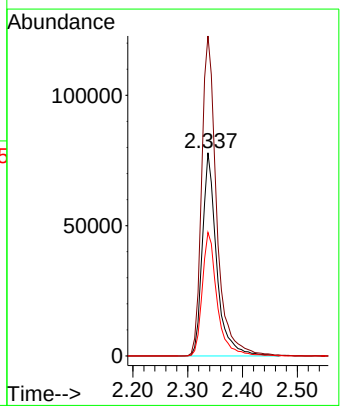
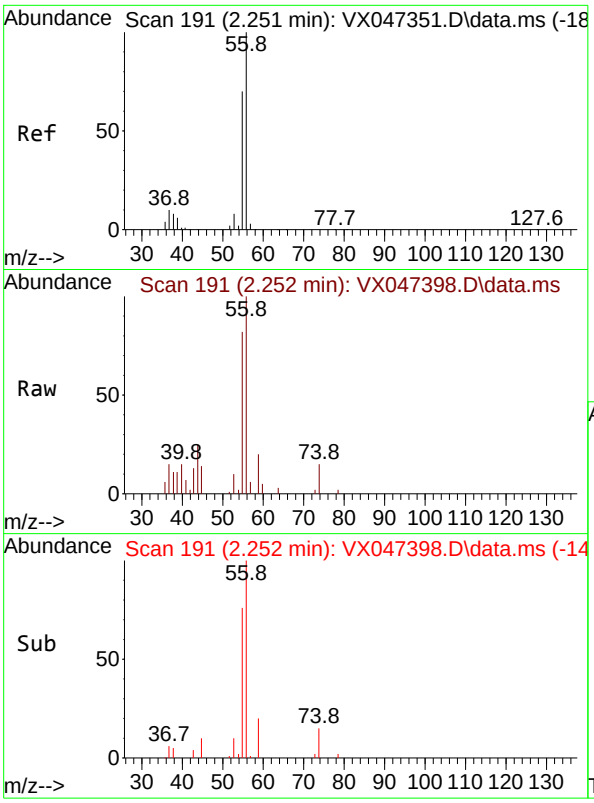


#12
1,1-Dichloroethene
Concen: 47.039 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 96 Resp: 141611

Ion	Ratio	Lower	Upper
96	100		
61	157.5	132.2	198.2
98	62.2	51.2	76.8

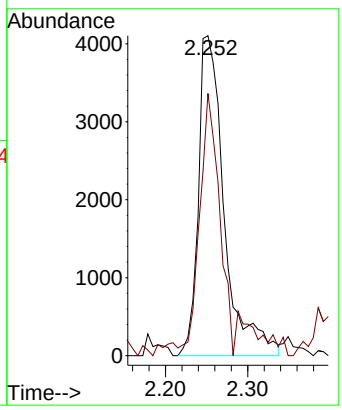




#13
Acrolein
Concen: 14.590 ug/l
RT: 2.252 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 56 Resp: 896

Ion	Ratio	Lower	Upper
56	100		
55	62.5	55.5	83.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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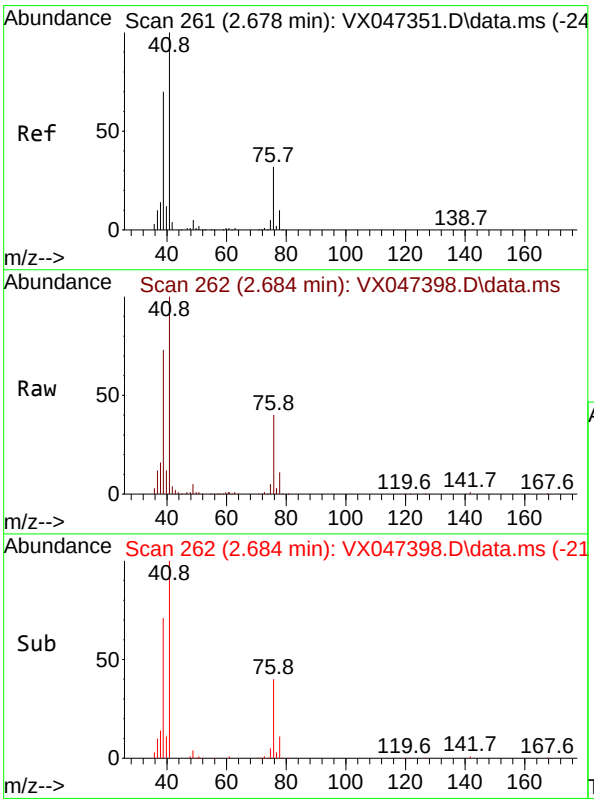
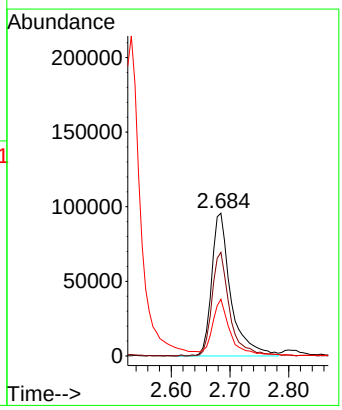
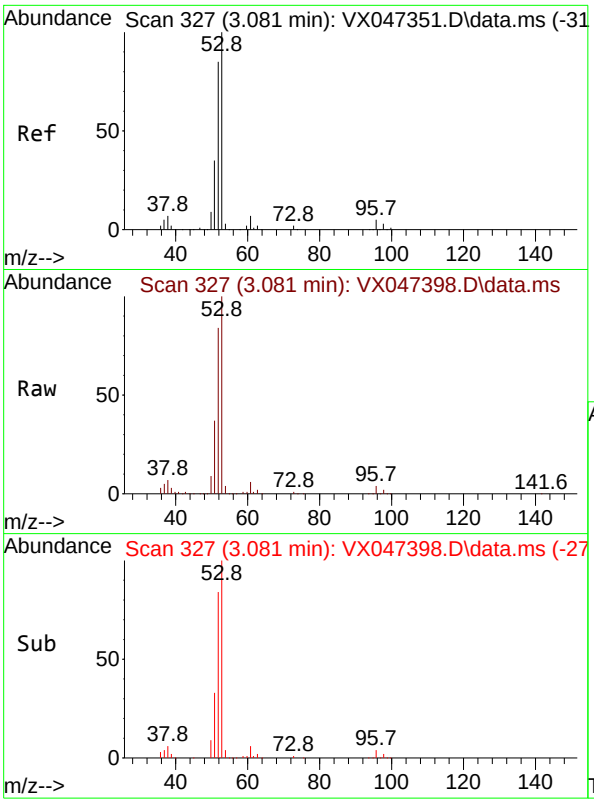


#14
Allyl chloride
Concen: 41.586 ug/l
RT: 2.684 min Scan# 262
Delta R.T. 0.006 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 41 Resp: 217448

Ion	Ratio	Lower	Upper
41	100		
39	67.6	54.6	81.8
76	37.7	27.6	41.4





#15
Acrylonitrile
Concen: 258.742 ug/l
RT: 3.081 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 53 Resp: 36397

Ion	Ratio	Lower	Upper
53	100		
52	82.2	65.8	98.6
51	36.5	28.2	42.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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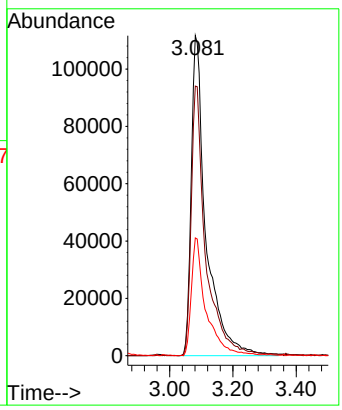
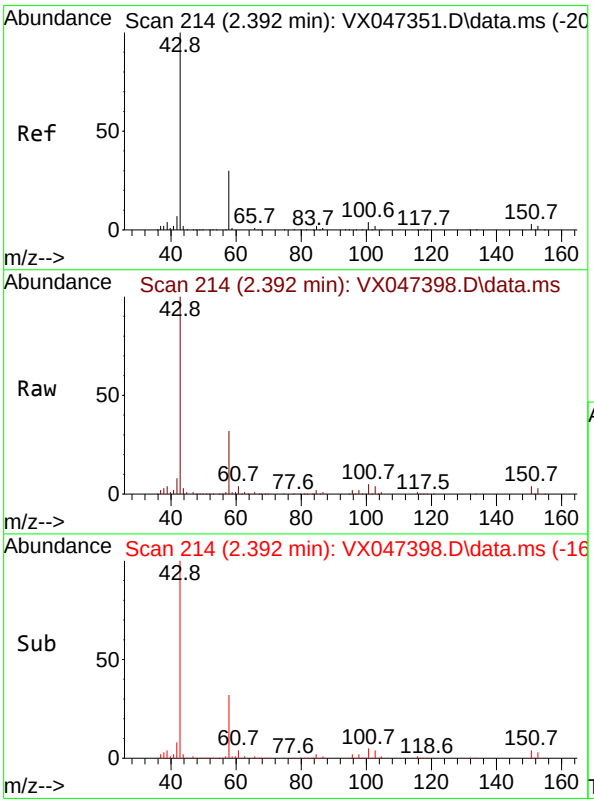
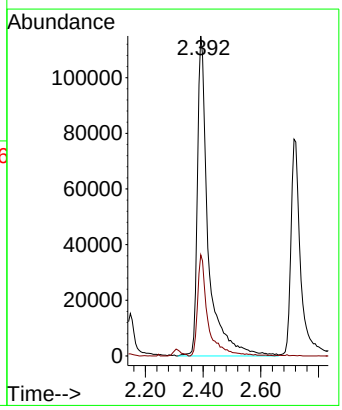


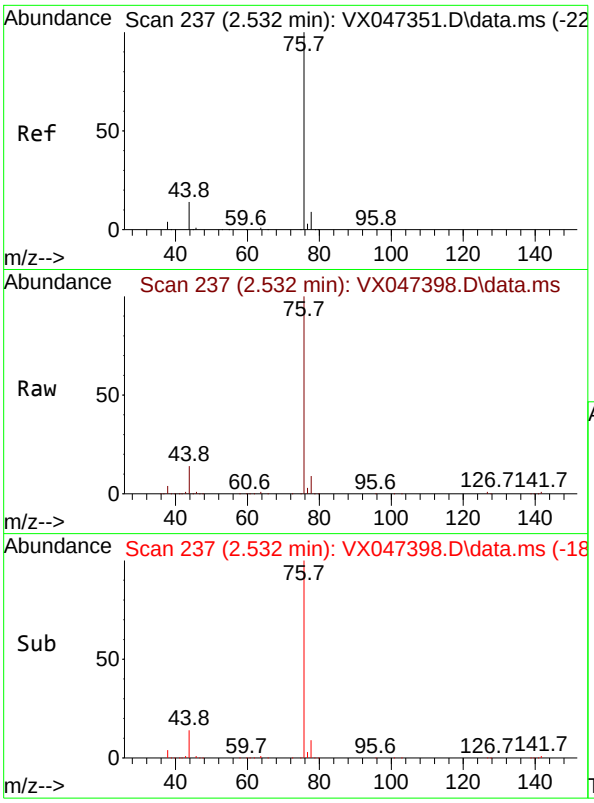


#16
Acetone
Concen: 238.203 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 43 Resp: 299617

Ion	Ratio	Lower	Upper
43	100		
58	31.5	24.8	37.2





#17
Carbon Disulfide
Concen: 46.840 ug/l
RT: 2.532 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 76 Resp: 42551

Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.2	10.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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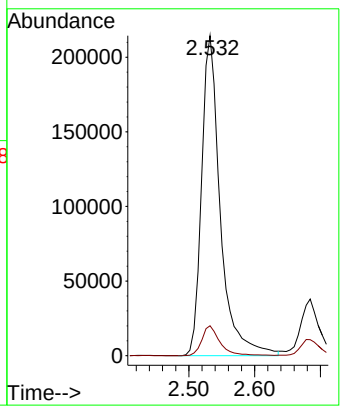
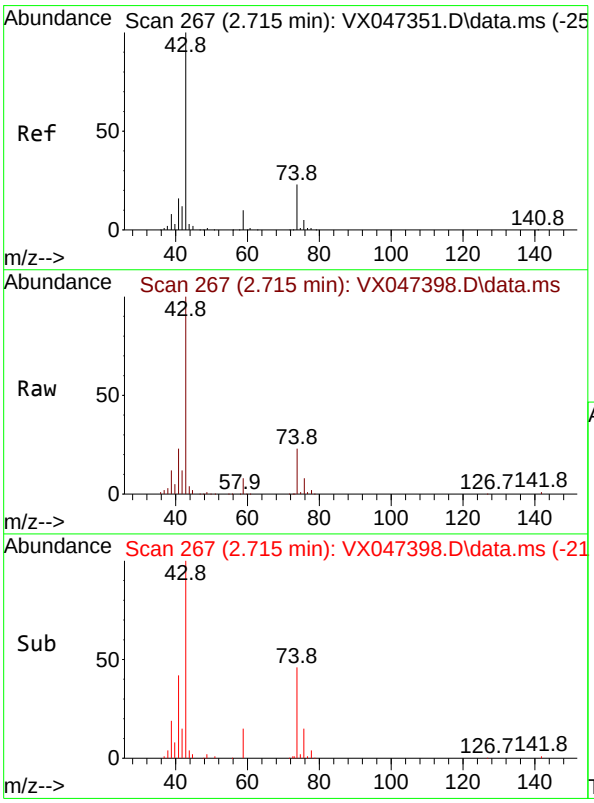
Supervised By :Mahesh Dadoda 08/20/2025

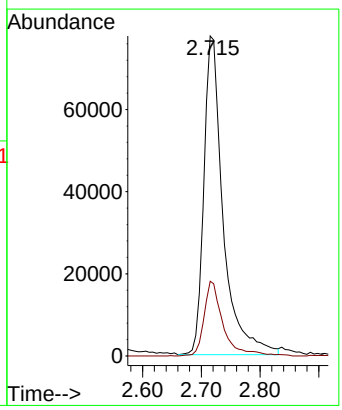


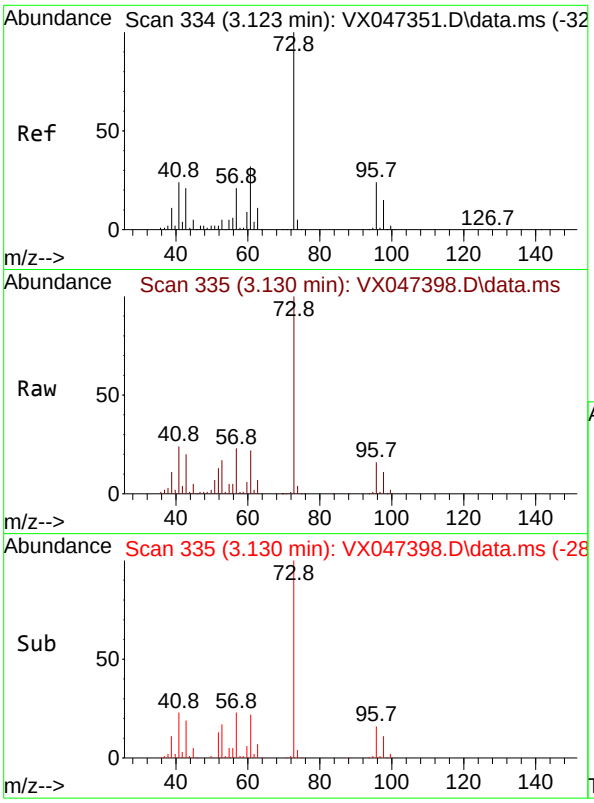


#18
Methyl Acetate
Concen: 54.297 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 43 Resp: 176982

Ion	Ratio	Lower	Upper
43	100		
74	23.2	18.4	27.6

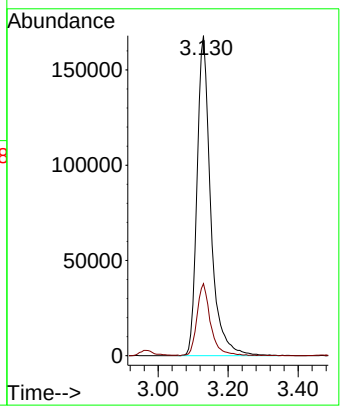




#19
Methyl tert-butyl Ether
Concen: 49.516 ug/l
RT: 3.130 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 73 Resp: 45349

Ion	Ratio	Lower	Upper
73	100		
57	22.5	17.0	25.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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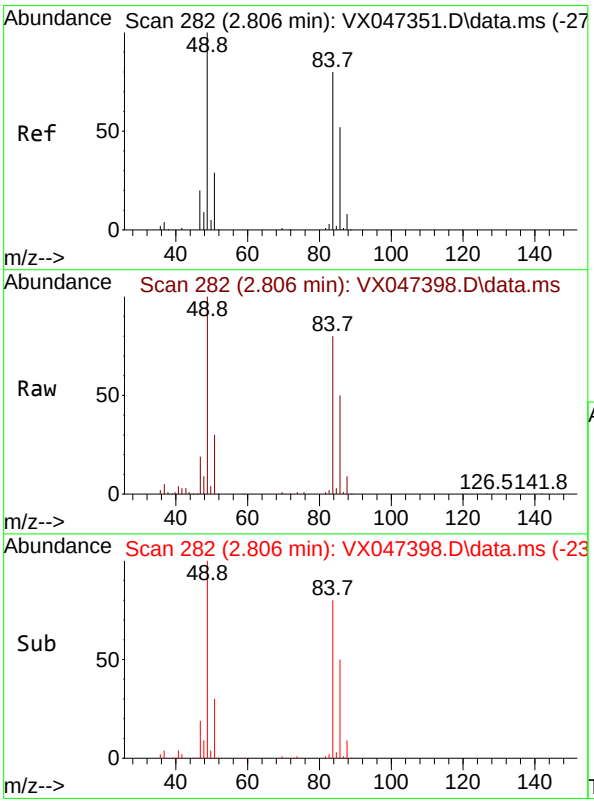
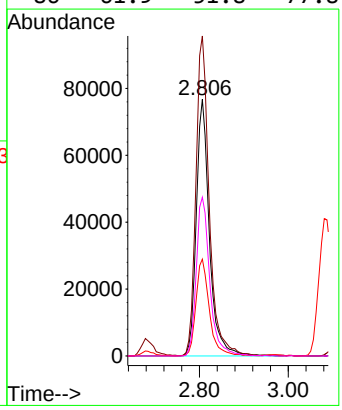
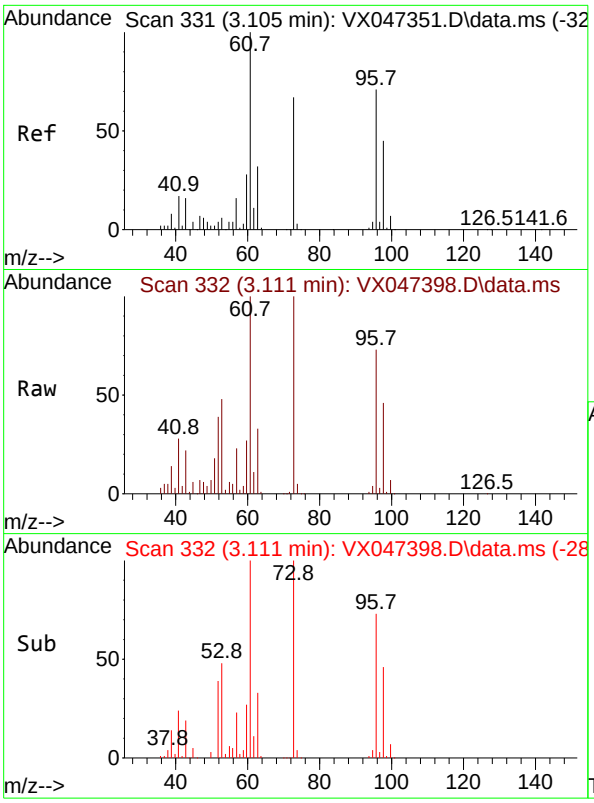


#20
Methylene Chloride
Concen: 47.329 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 84 Resp: 157641

Ion	Ratio	Lower	Upper
84	100		
49	124.6	100.1	150.1
51	37.7	29.5	44.3
86	61.9	51.8	77.8





#21
trans-1,2-Dichloroethene
Concen: 46.767 ug/l
RT: 3.111 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 96 Resp: 14943

Ion	Ratio	Lower	Upper
96	100		
61	136.0	112.6	169.0
98	64.3	50.9	76.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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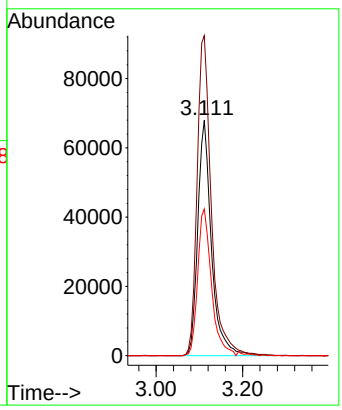
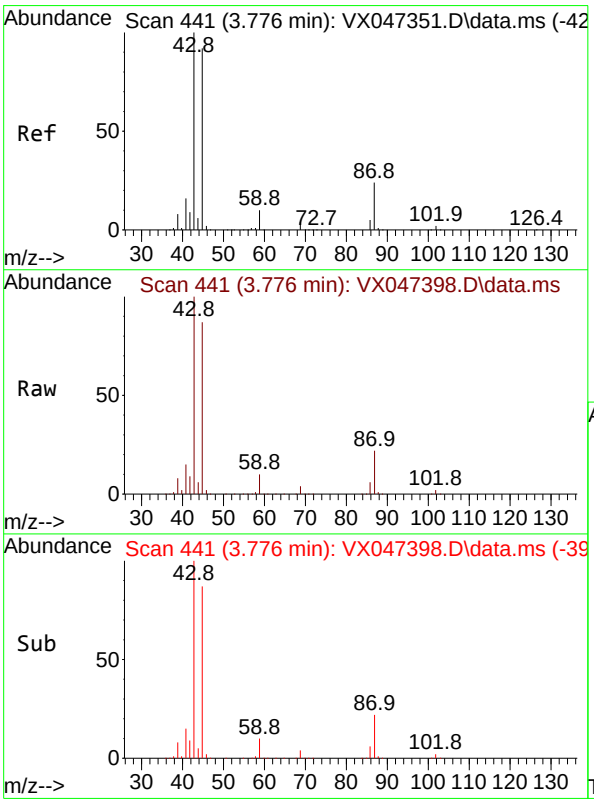
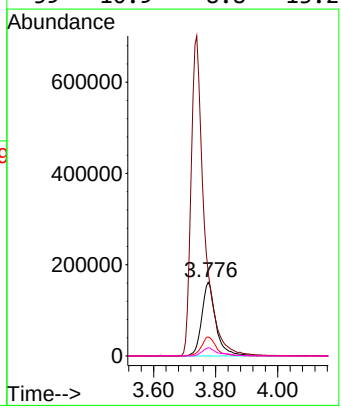


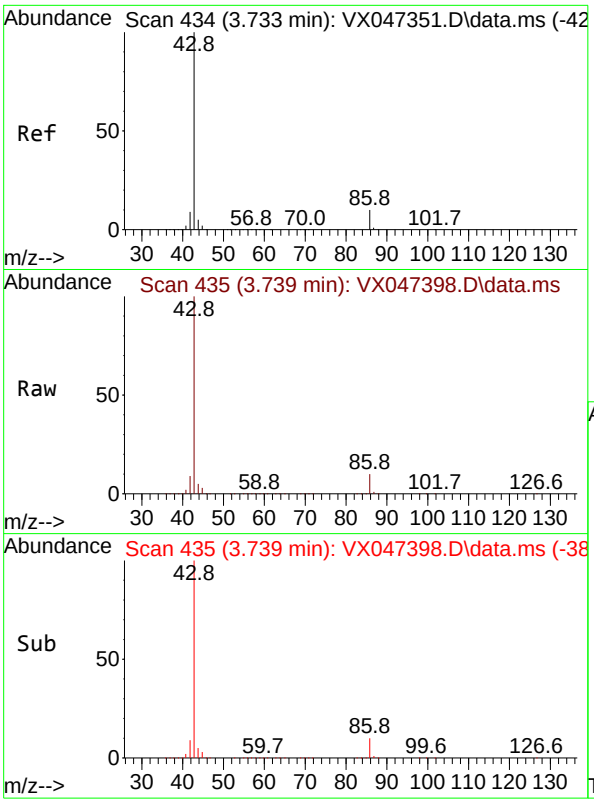


#22
Diisopropyl ether
Concen: 49.473 ug/l
RT: 3.776 min Scan# 441
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 45 Resp: 511346

Ion	Ratio	Lower	Upper
45	100		
43	114.4	86.8	130.2
87	25.6	20.4	30.6
59	10.9	8.8	13.2





#23
Vinyl Acetate
Concen: 246.075 ug/l
RT: 3.739 min Scan# 4
Delta R.T. 0.006 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 43 Resp: 208466

Ion	Ratio	Lower	Upper
43	100		
86	10.1	7.9	11.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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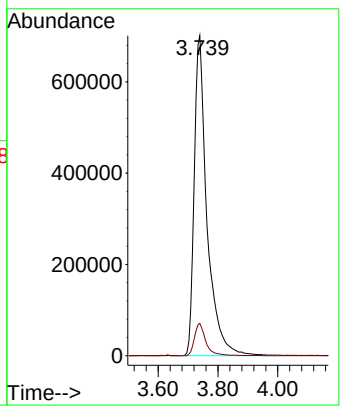
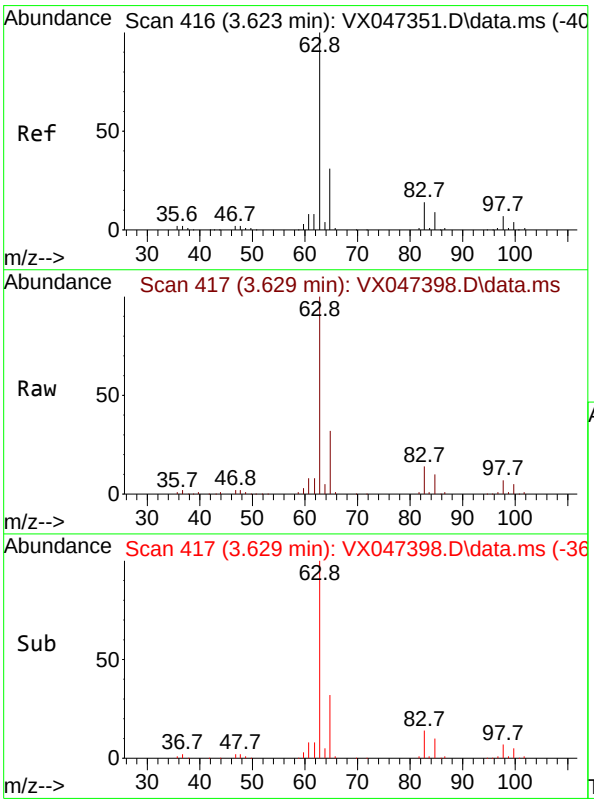
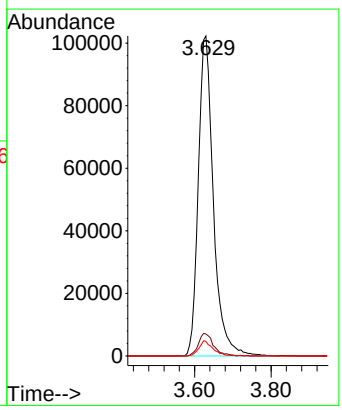


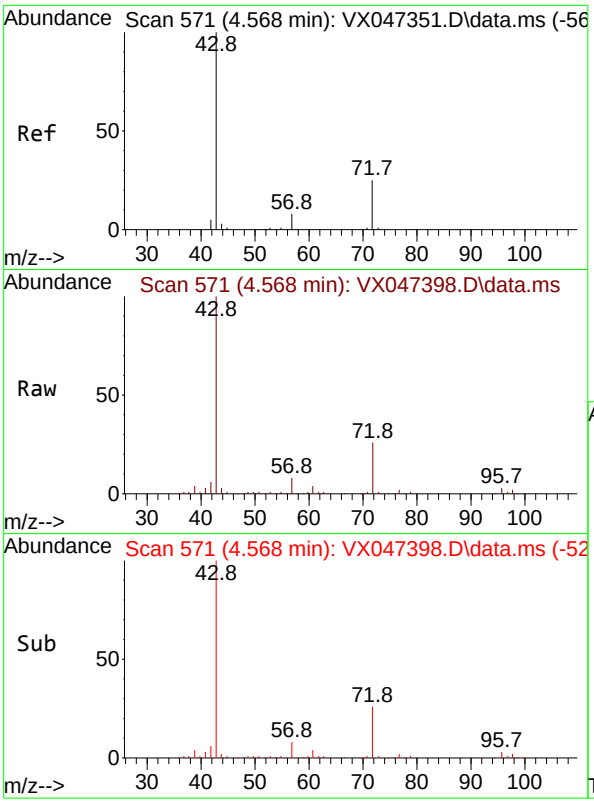


#24
1,1-Dichloroethane
Concen: 47.957 ug/l
RT: 3.629 min Scan# 417
Delta R.T. 0.006 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 63 Resp: 280167

Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.3	9.9
100	4.5	2.1	6.3

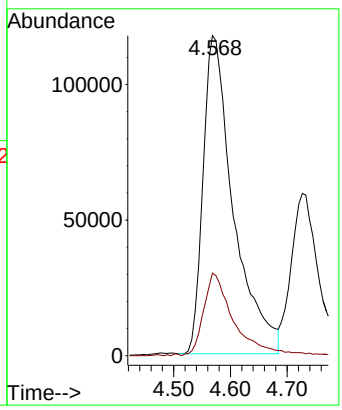




#25
2-Butanone
Concen: 265.075 ug/l
RT: 4.568 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 43 Resp: 43666

Ion	Ratio	Lower	Upper
43	100		
72	25.5	19.8	29.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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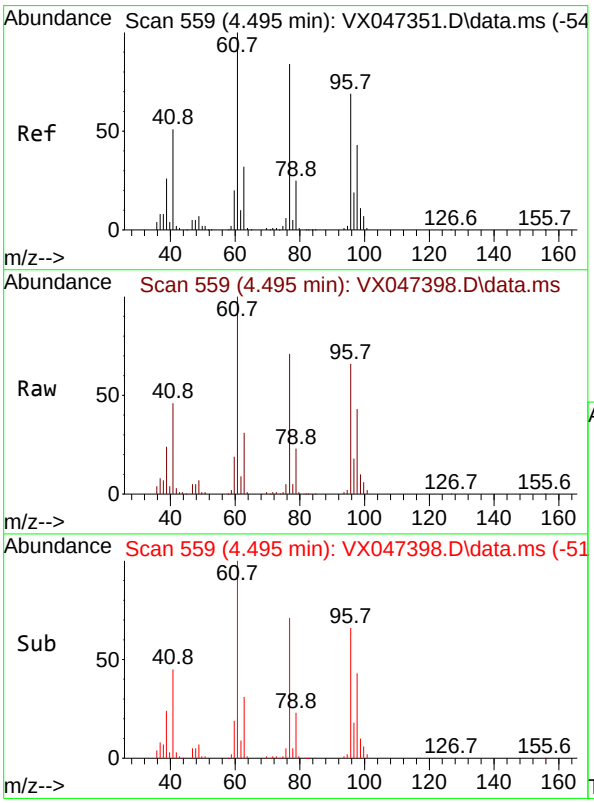
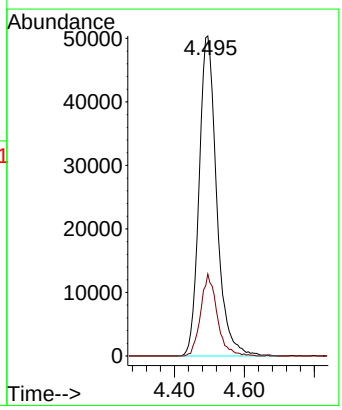
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025

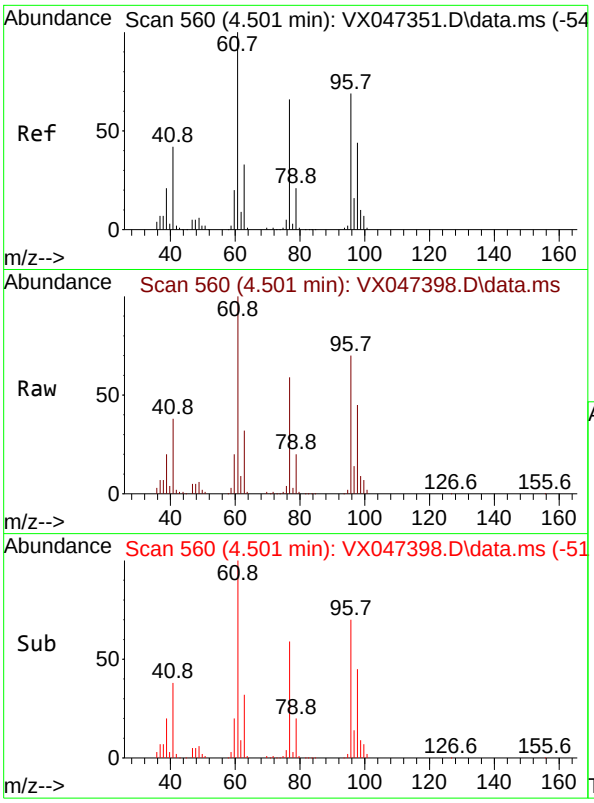


#26
2,2-Dichloropropane
Concen: 39.808 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 77 Resp: 175530

Ion	Ratio	Lower	Upper
77	100		
97	24.0	11.4	34.1





#27
cis-1,2-Dichloroethene
Concen: 47.114 ug/l
RT: 4.501 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 96 Resp: 17534

Ion	Ratio	Lower	Upper
96	100		
61	144.5	0.0	296.6
98	65.5	0.0	130.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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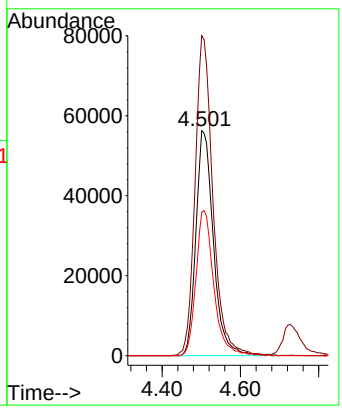
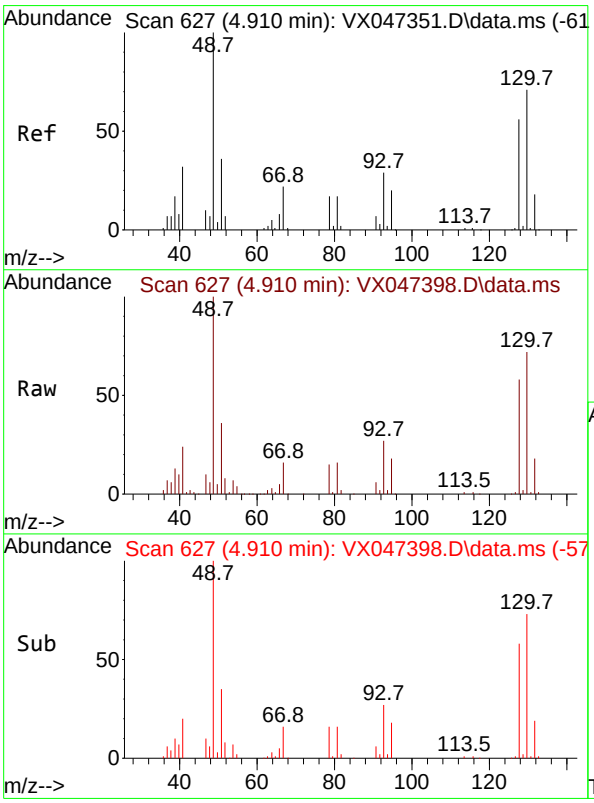
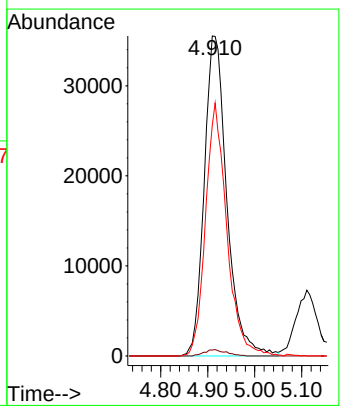


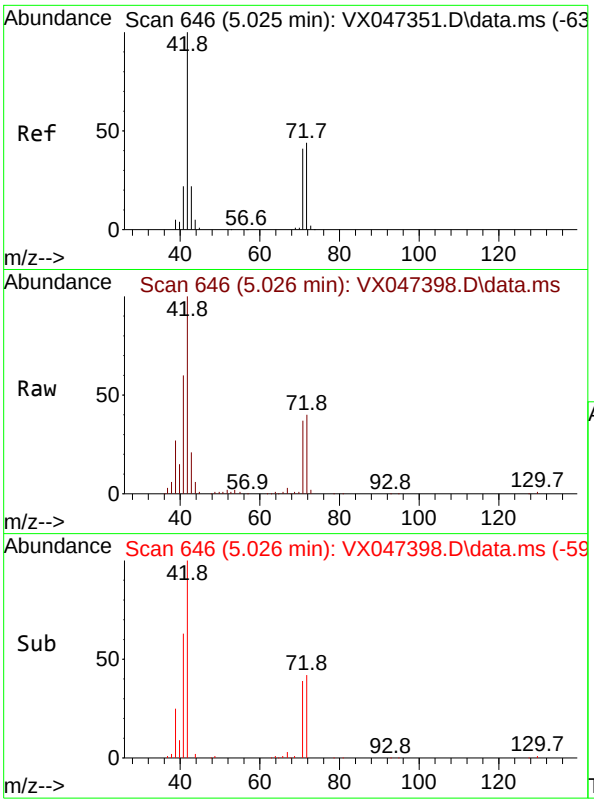


#28
Bromochloromethane
Concen: 48.810 ug/l
RT: 4.910 min Scan# 627
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 49 Resp: 118660

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	74.3	59.8	89.6





#29
Tetrahydrofuran
Concen: 266.507 ug/l
RT: 5.026 min Scan# 64
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 42 Resp: 28376

Ion	Ratio	Lower	Upper
42	100		
72	42.9	34.6	51.8
71	38.1	32.6	49.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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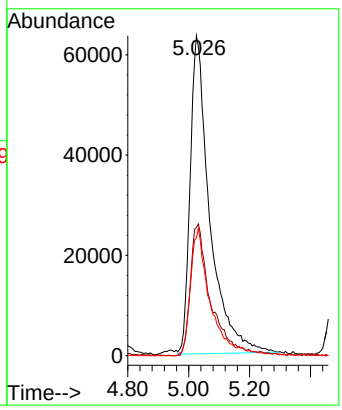
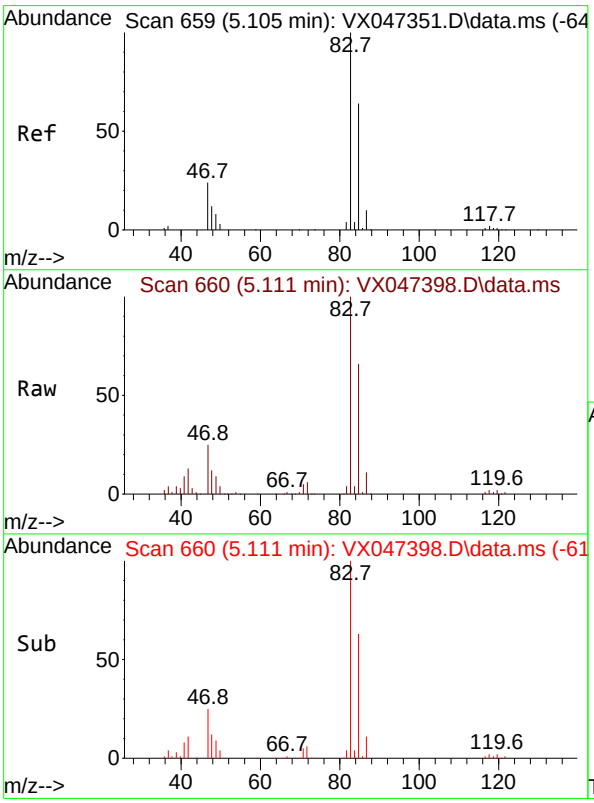
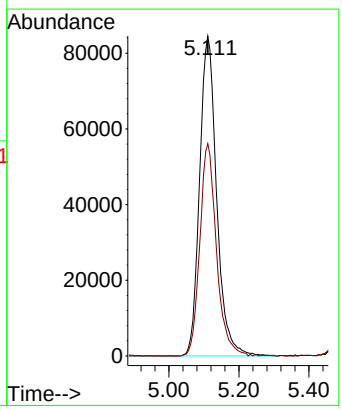


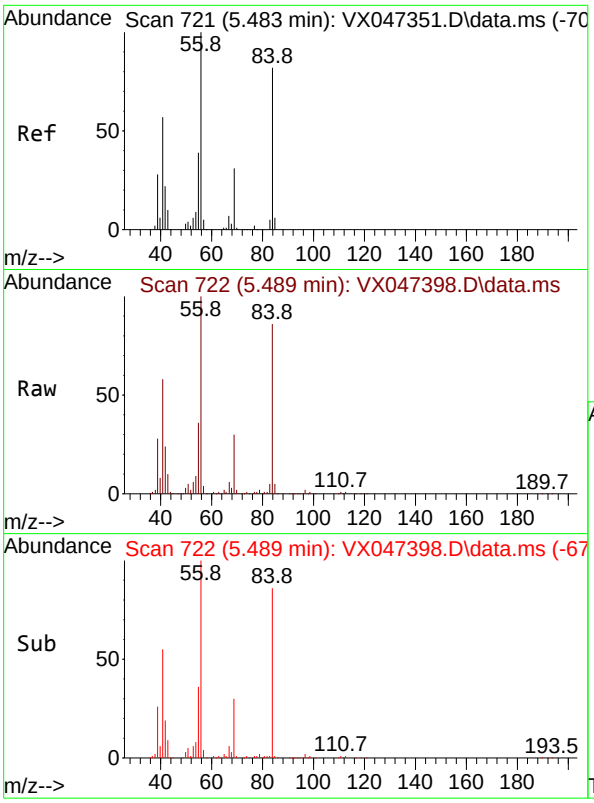


#30
Chloroform
Concen: 47.982 ug/l
RT: 5.111 min Scan# 660
Delta R.T. 0.006 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 83 Resp: 286078

Ion	Ratio	Lower	Upper
83	100		
85	66.3	51.2	76.8

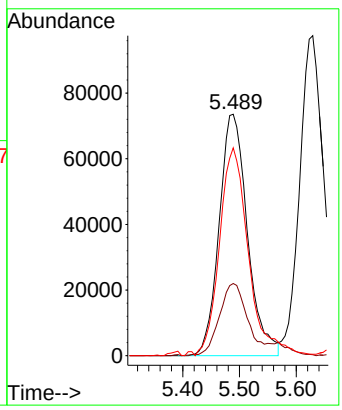




#31
Cyclohexane
Concen: 47.287 ug/l
RT: 5.489 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 56 Resp: 25465

Ion	Ratio	Lower	Upper
56	100		
69	29.4	24.3	36.5
84	84.2	65.3	97.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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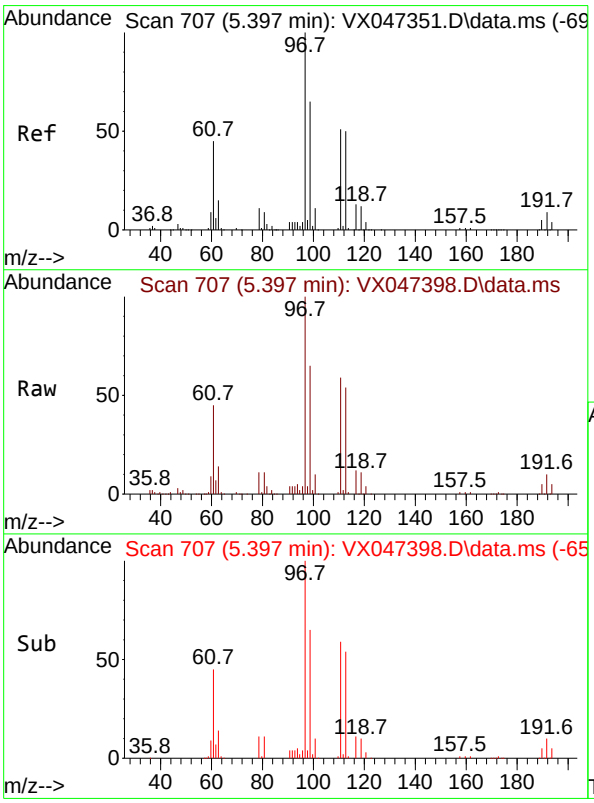
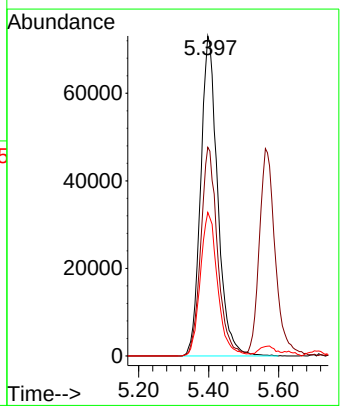
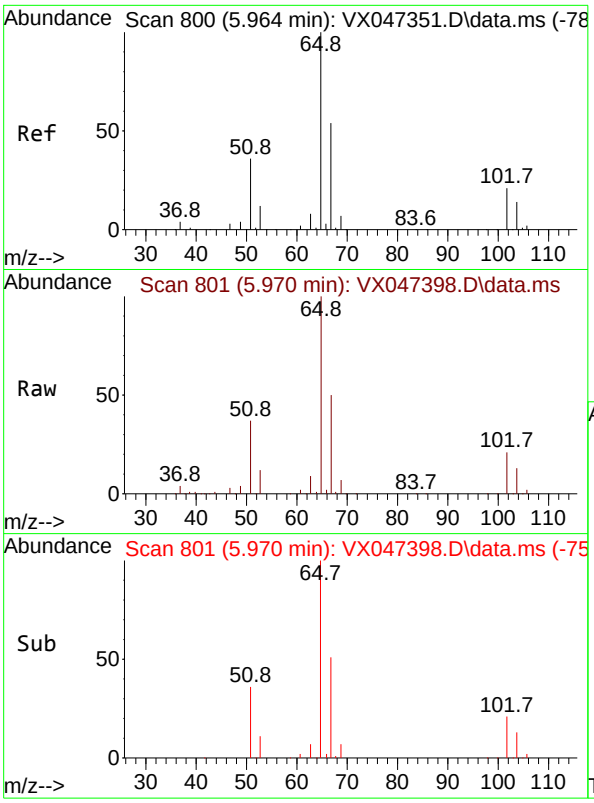


#32
1,1,1-Trichloroethane
Concen: 47.909 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 97 Resp: 245866

Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.4	77.0
61	45.9	35.7	53.5





#33
1,2-Dichloroethane-d4
Concen: 50.620 ug/l
RT: 5.970 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 65 Resp: 16939

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	106.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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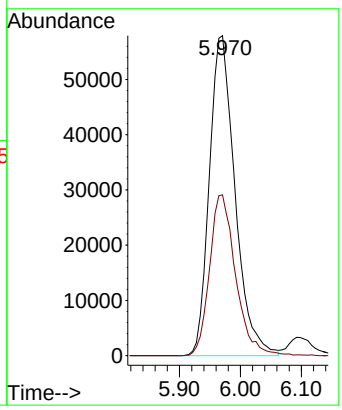
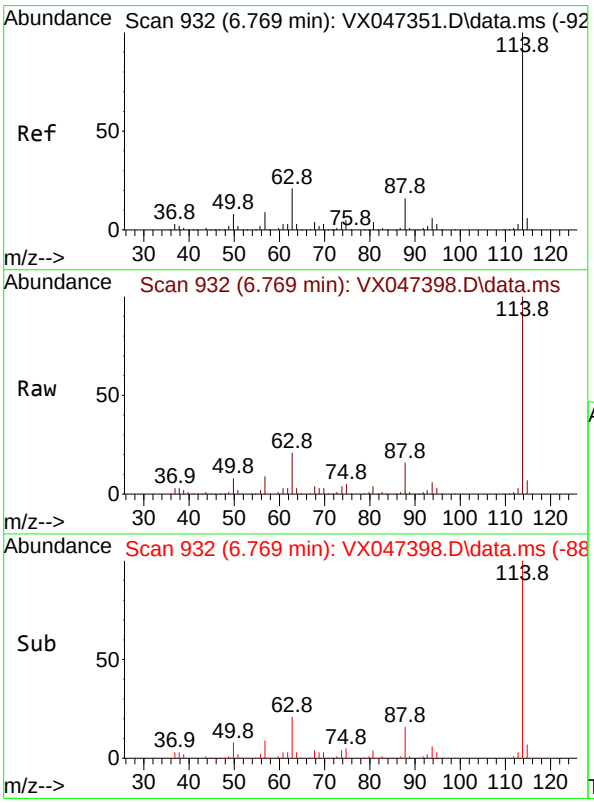
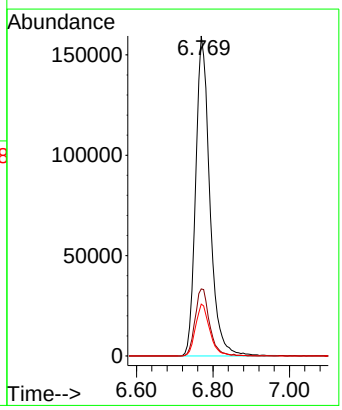


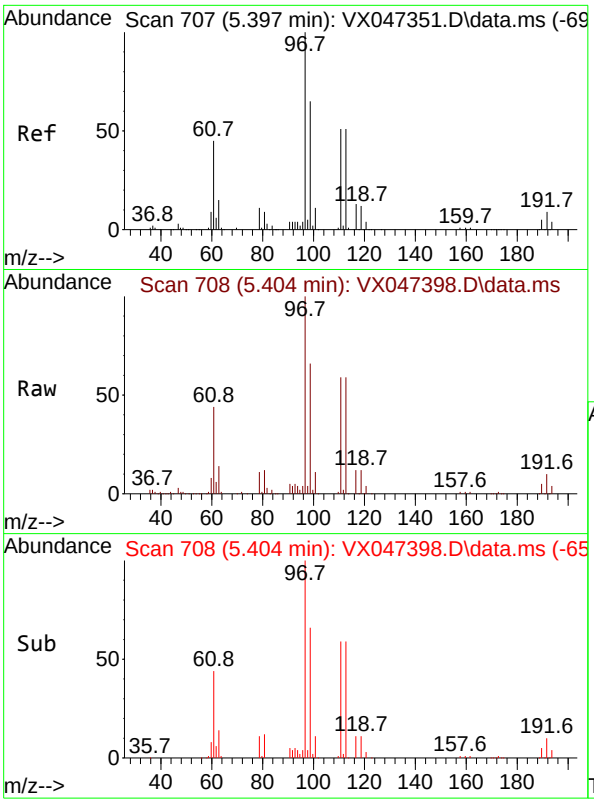


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion:114 Resp: 409468

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	42.4
88	16.2	0.0	33.0





#35
Dibromofluoromethane
Concen: 50.669 ug/l
RT: 5.404 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion:113 Resp: 13465

Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.4	122.2
192	17.8	14.1	21.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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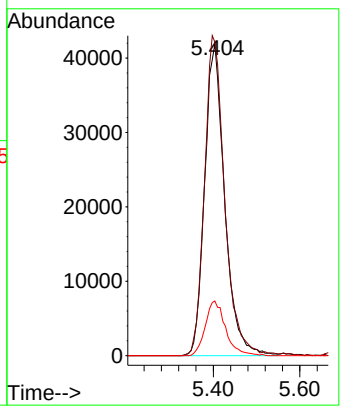
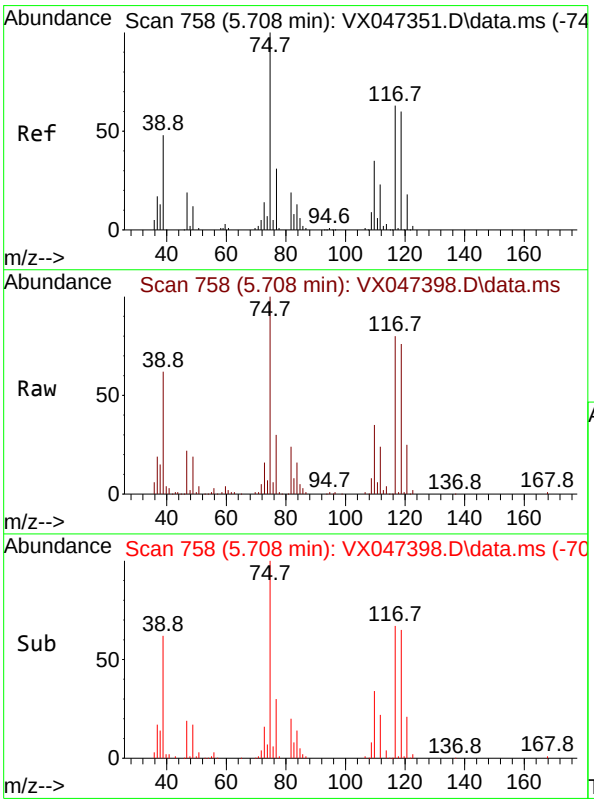
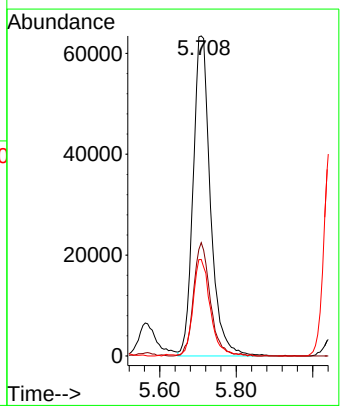


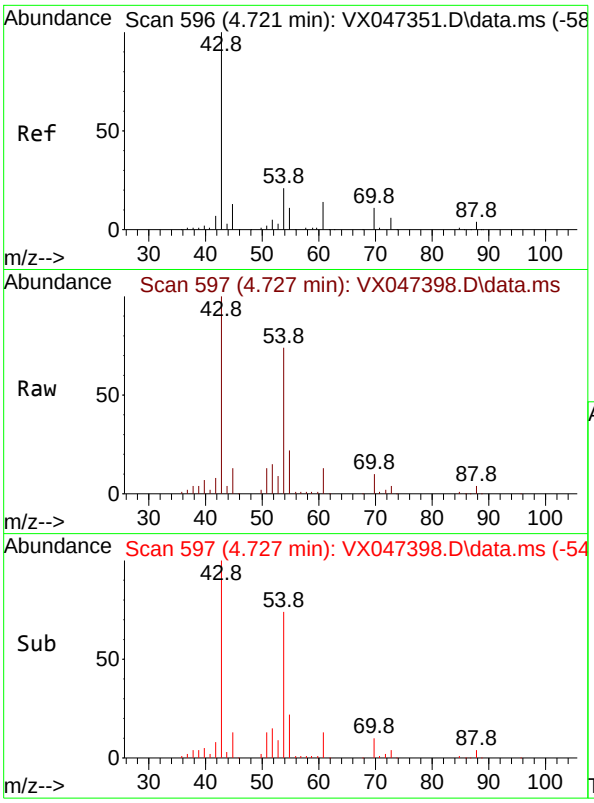


#36
1,1-Dichloropropene
Concen: 47.627 ug/l
RT: 5.708 min Scan# 758
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 75 Resp: 199797

Ion	Ratio	Lower	Upper
75	100		
110	34.3	17.4	52.2
77	30.1	24.4	36.6





#37
Ethyl Acetate
Concen: 48.337 ug/l
RT: 4.727 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 43 Resp: 21051

Ion	Ratio	Lower	Upper
43	100		
61	11.8	9.4	14.2
70	9.7	7.0	10.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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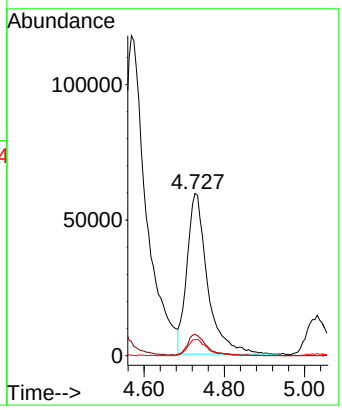
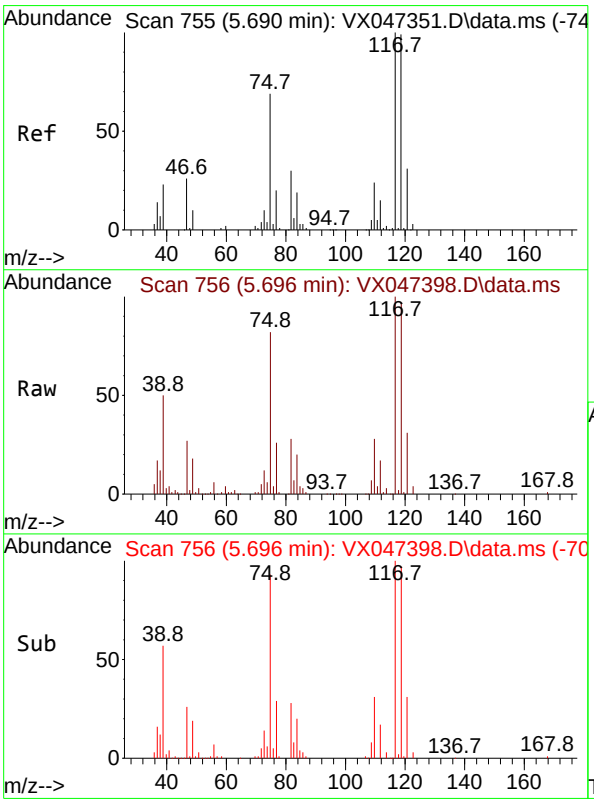
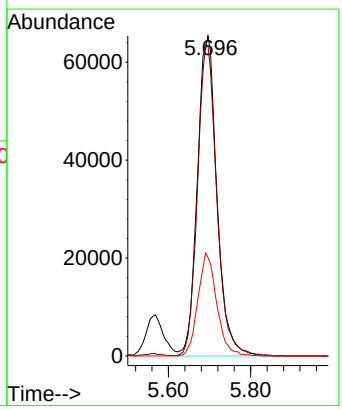


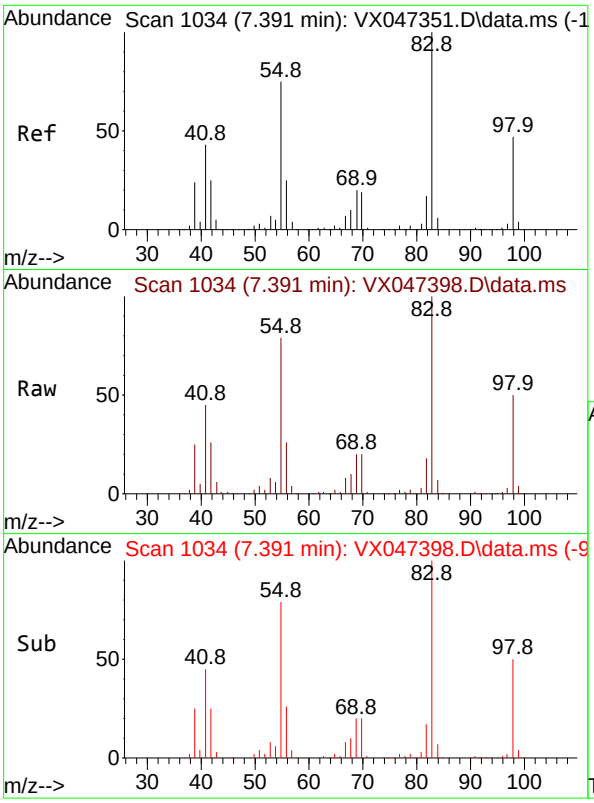


#38
Carbon Tetrachloride
Concen: 47.116 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion:117 Resp: 215992

Ion	Ratio	Lower	Upper
117	100		
119	97.0	78.5	117.7
121	30.8	24.7	37.1





#39
Methylcyclohexane
Concen: 47.227 ug/l
RT: 7.391 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 83 Resp: 24712

Ion	Ratio	Lower	Upper
83	100		
55	78.8	60.0	90.0
98	49.6	37.2	55.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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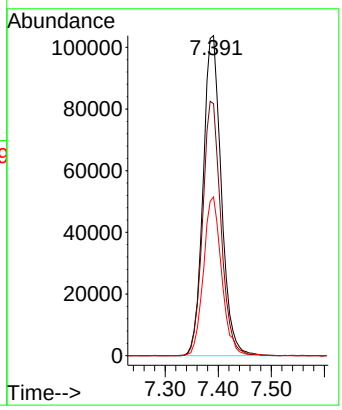
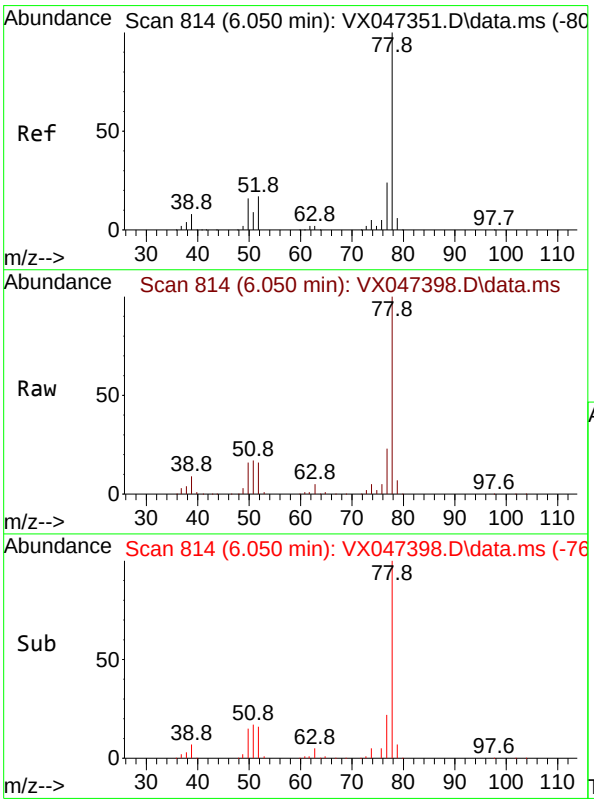
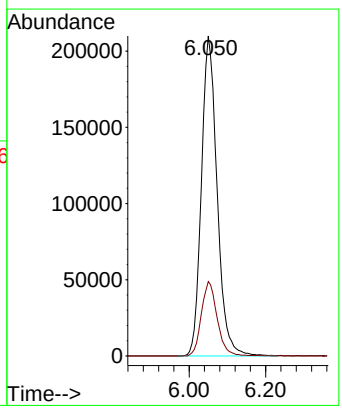


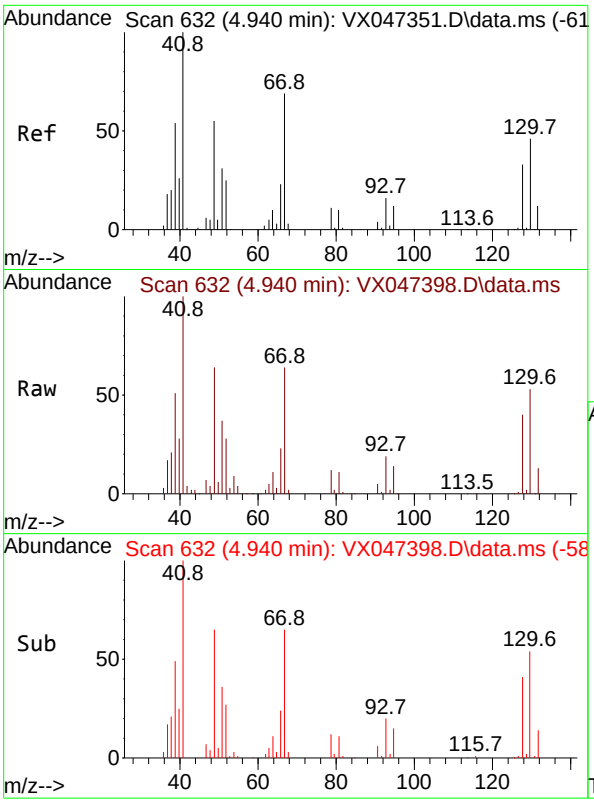


#40
Benzene
Concen: 47.641 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 78 Resp: 598209

Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.0	28.4

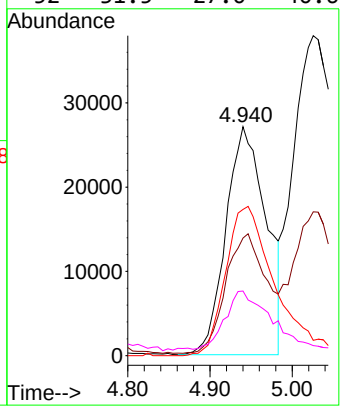




#41
Methacrylonitrile
Concen: 50.045 ug/l
RT: 4.940 min Scan# 6
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 41 Resp: 9190

Ion	Ratio	Lower	Upper
41	100		
39	53.3	45.4	68.2
67	84.4	64.0	96.0
52	31.5	27.0	40.6



Instrument :
MSVOA_X
ClientSampleId :
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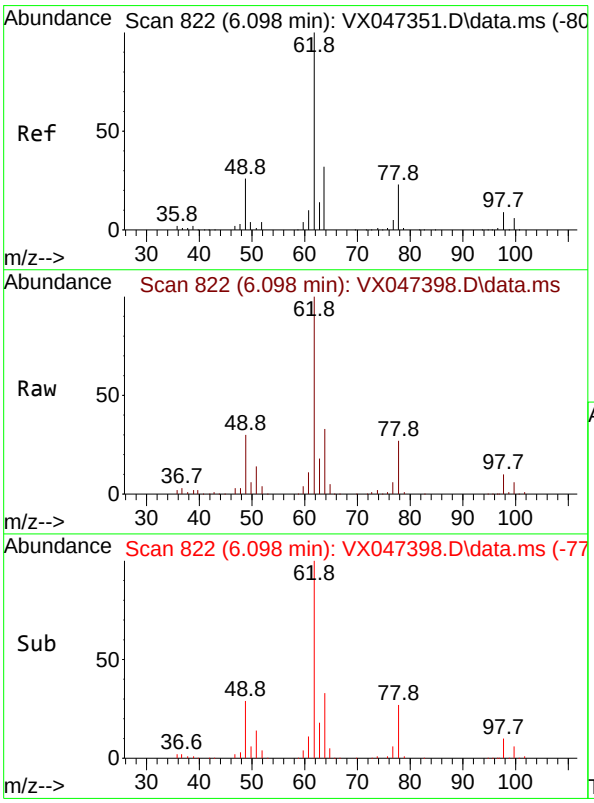
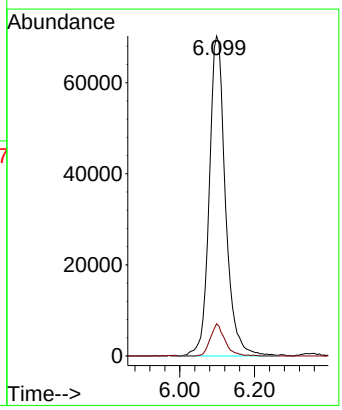
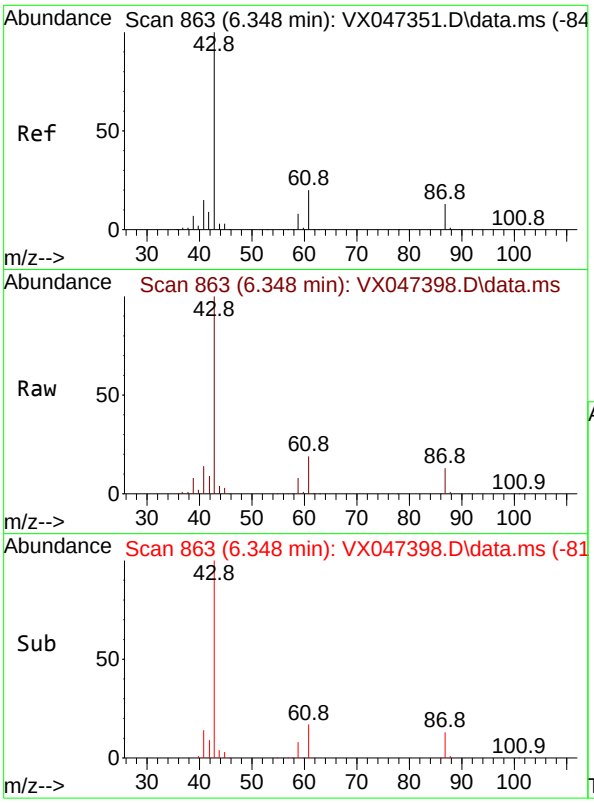


#42
1,2-Dichloroethane
Concen: 47.640 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 62 Resp: 211887

Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.0

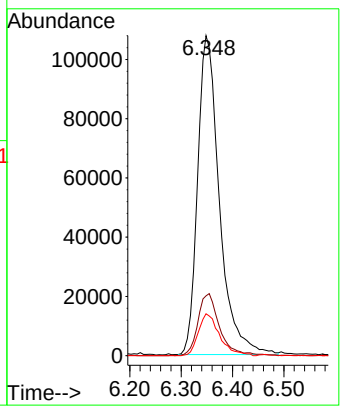




#43
Isopropyl Acetate
Concen: 50.686 ug/l
RT: 6.348 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 43 Resp: 31711

Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.4	23.0
87	12.8	10.2	15.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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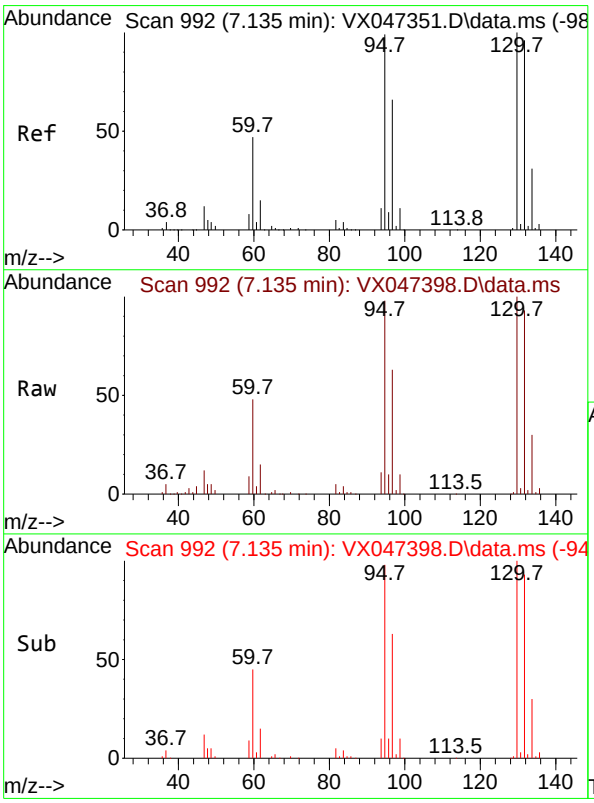
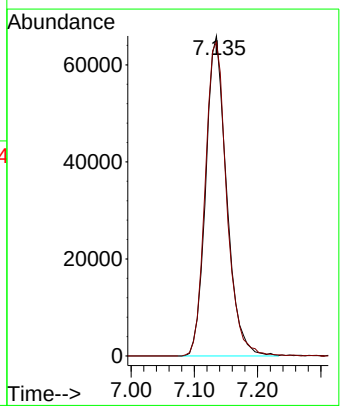
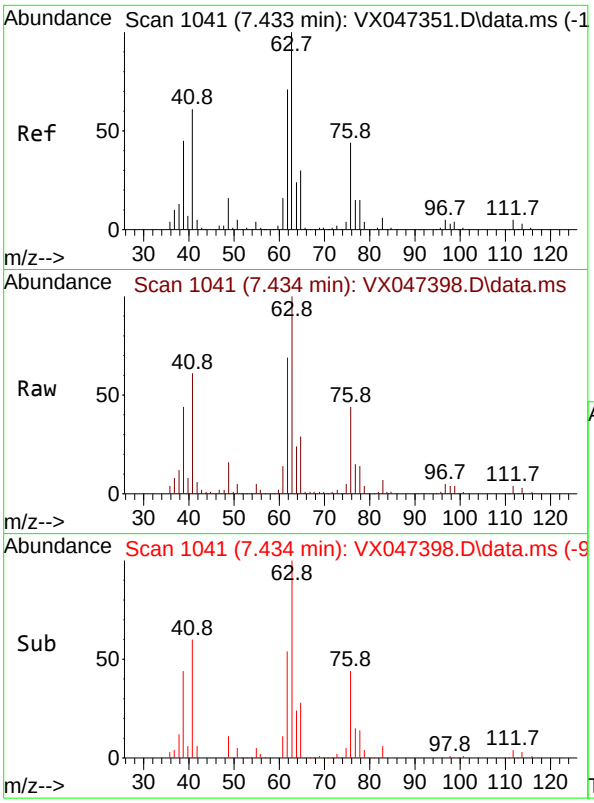


#44
Trichloroethene
Concen: 47.029 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion:130 Resp: 151205

Ion	Ratio	Lower	Upper
130	100		
95	98.1	0.0	198.6

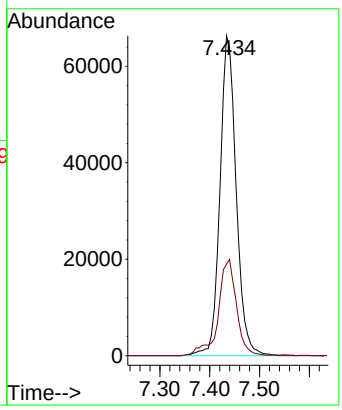




#45
1,2-Dichloropropane
Concen: 47.663 ug/l
RT: 7.434 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 63 Resp: 14993

Ion	Ratio	Lower	Upper
63	100		
65	28.6	23.8	35.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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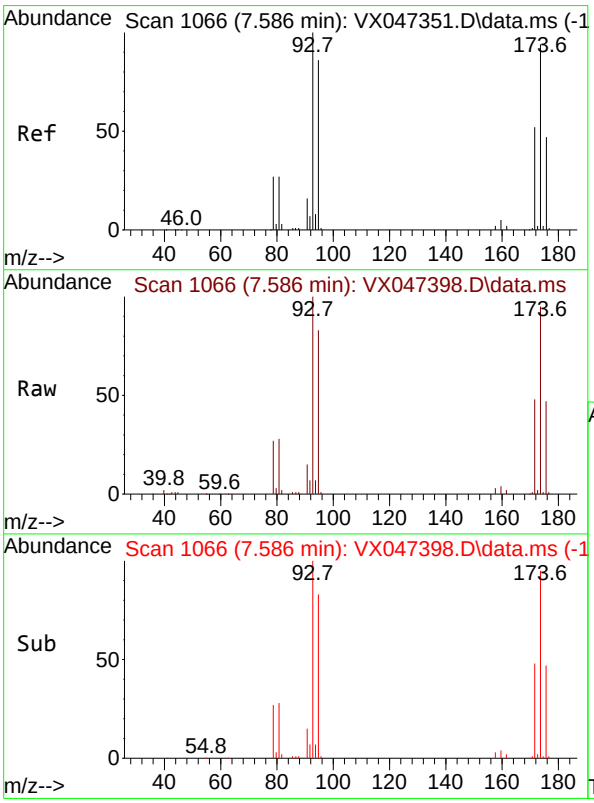
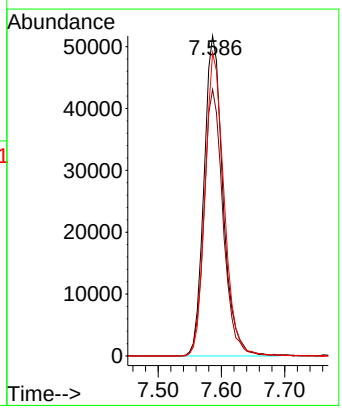
Supervised By :Mahesh Dadoda 08/20/2025

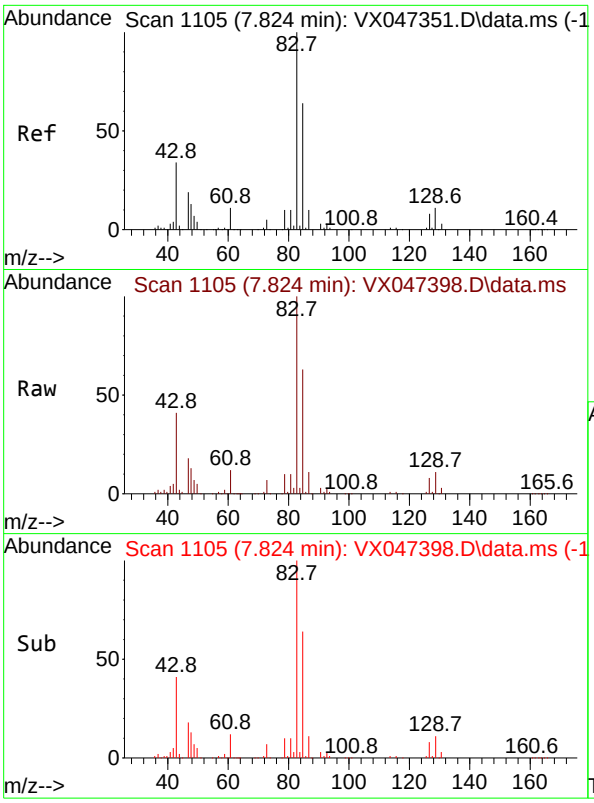


#46
Dibromomethane
Concen: 47.328 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 93 Resp: 108086

Ion	Ratio	Lower	Upper
93	100		
95	83.5	68.0	102.0
174	94.4	75.8	113.6

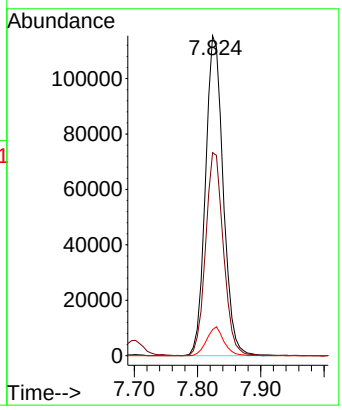




#47
Bromodichloromethane
Concen: 47.489 ug/l
RT: 7.824 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 83 Resp: 22483

Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.0	76.6
127	8.1	7.0	10.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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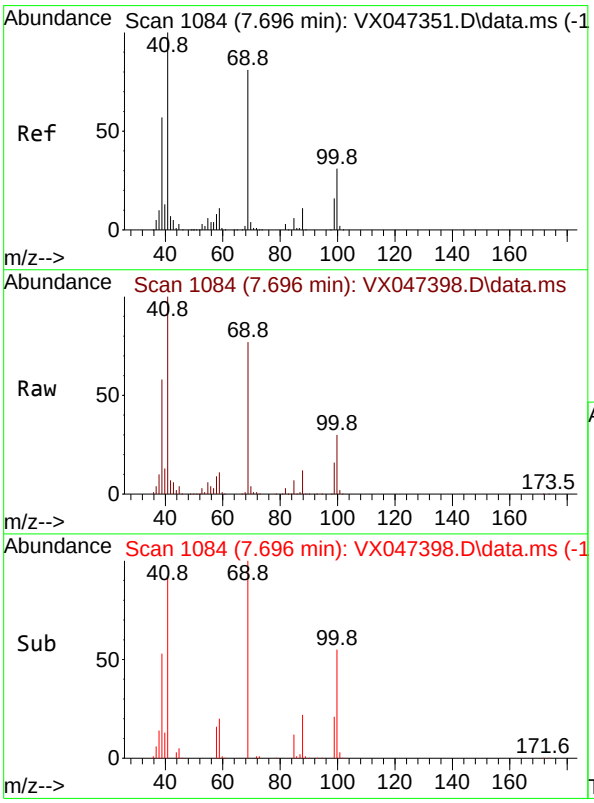
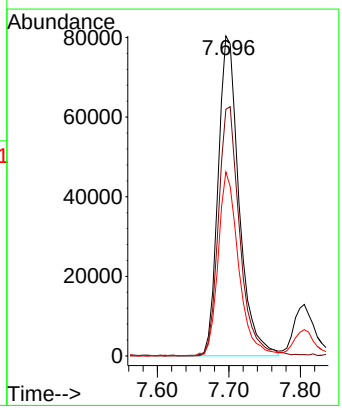
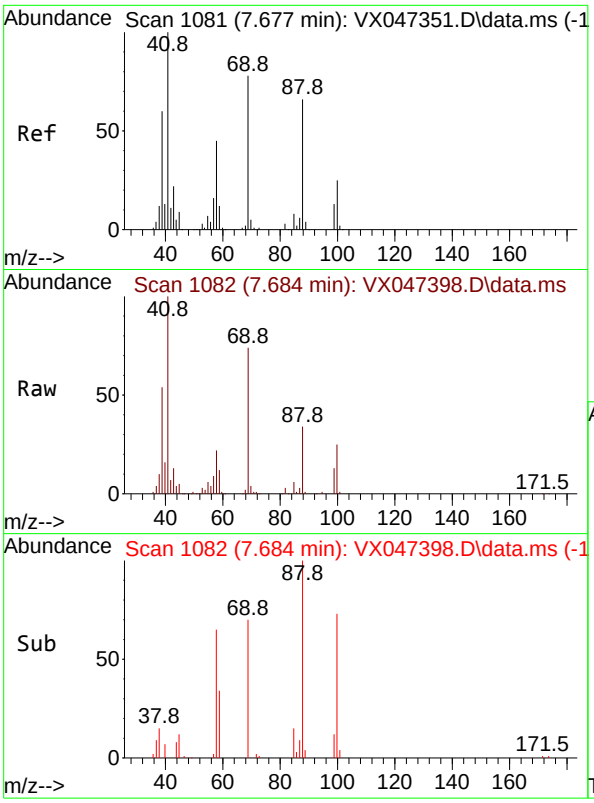


#48
Methyl methacrylate
Concen: 50.264 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 41 Resp: 163233

Ion	Ratio	Lower	Upper
41	100		
69	79.5	65.0	97.4
39	56.0	45.7	68.5





#49
1,4-Dioxane
Concen: 1070.636 ug/l
RT: 7.684 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 88 Resp: 3380

Ion	Ratio	Lower	Upper
88	100		
43	38.5	32.4	48.6
58	71.3	56.9	85.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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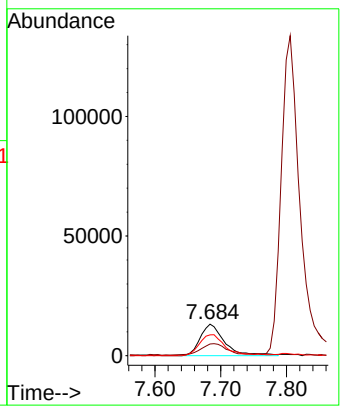
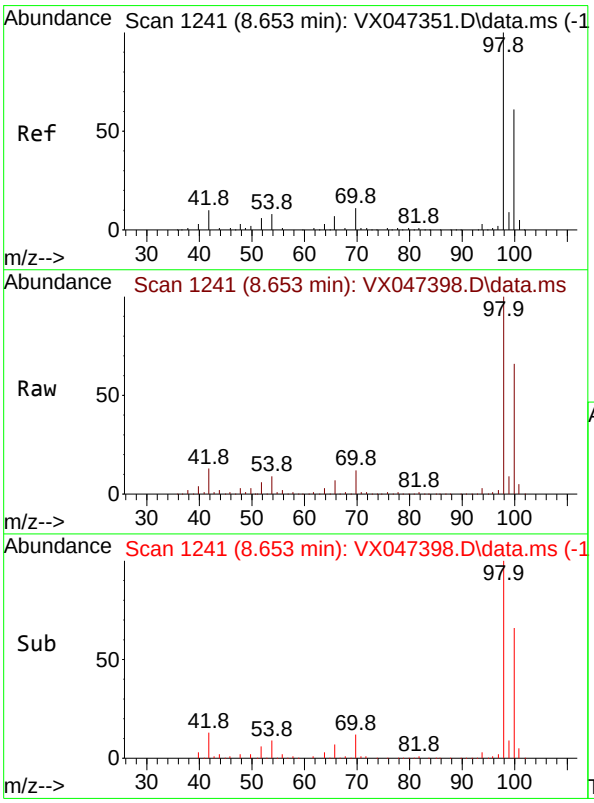
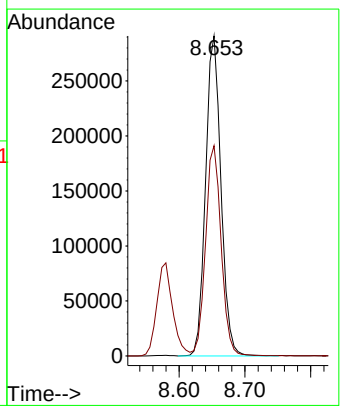


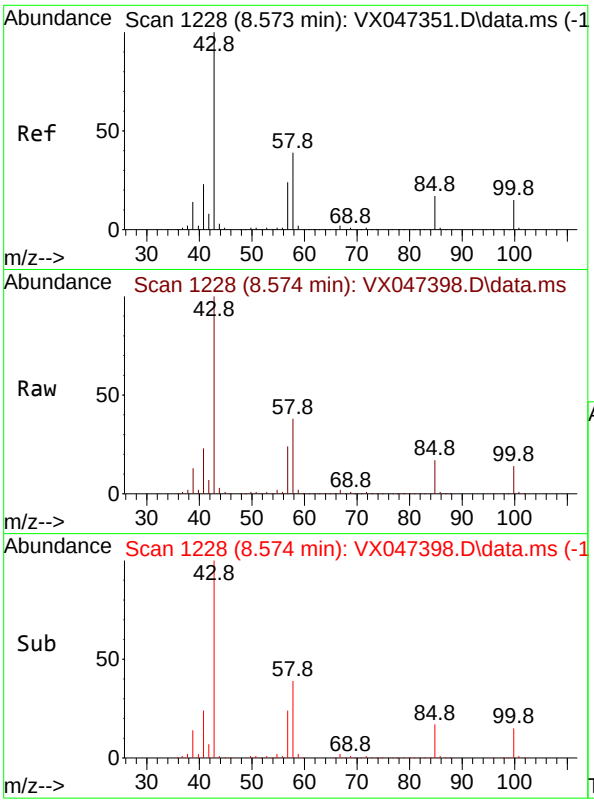


#50
Toluene-d8
Concen: 49.733 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 98 Resp: 472396

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.9	80.9

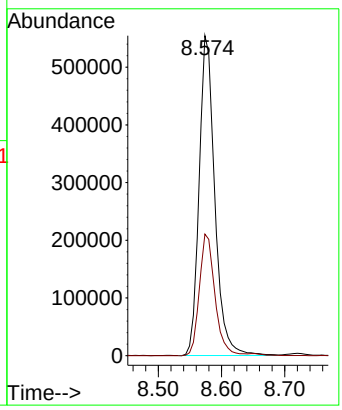




#51
4-Methyl-2-Pentanone
Concen: 265.854 ug/l
RT: 8.574 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 43 Resp: 95716

Ion	Ratio	Lower	Upper
43	100		
58	37.9	31.2	46.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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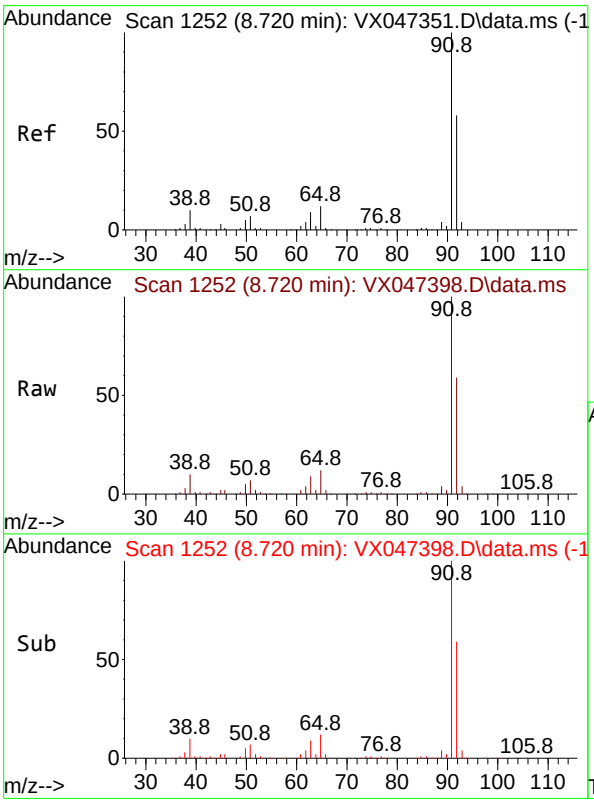
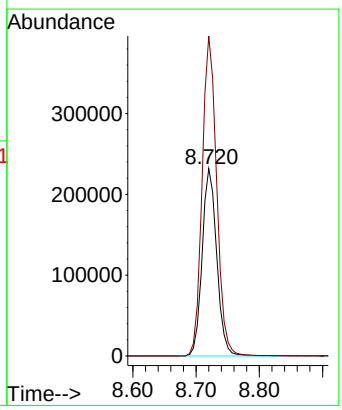
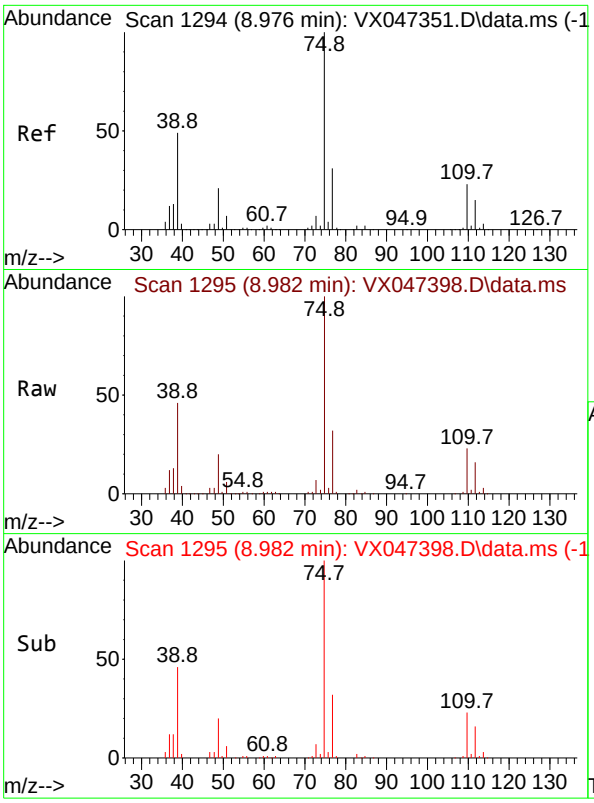


#52
Toluene
Concen: 47.866 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 92 Resp: 371391

Ion	Ratio	Lower	Upper
92	100		
91	170.7	136.3	204.5

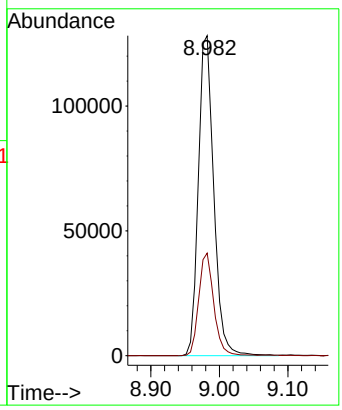




#53
t-1,3-Dichloropropene
Concen: 48.624 ug/l
RT: 8.982 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 75 Resp: 20091

Ion	Ratio	Lower	Upper
75	100		
77	32.0	24.7	37.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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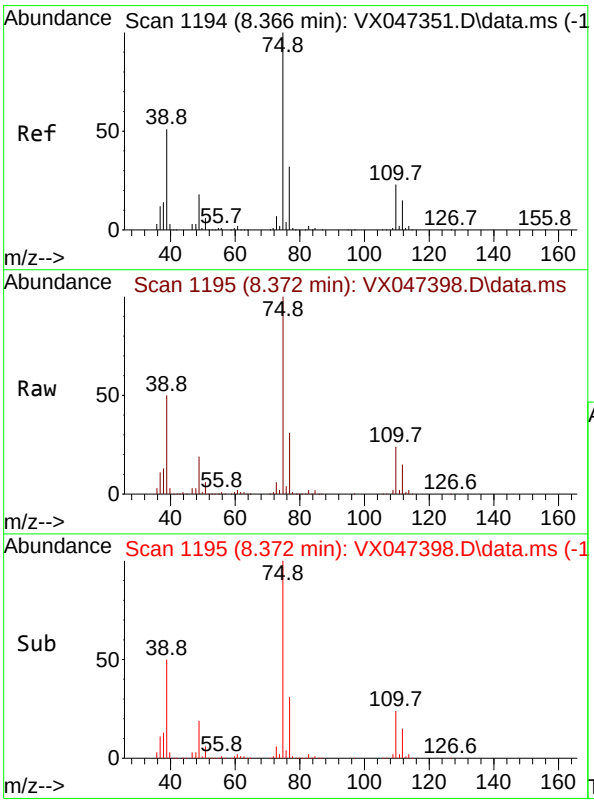
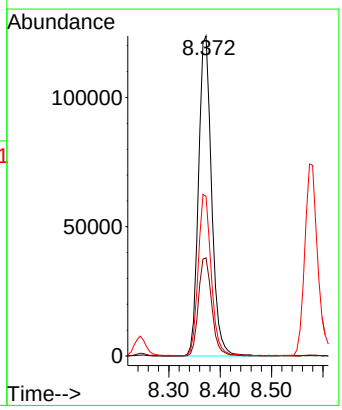
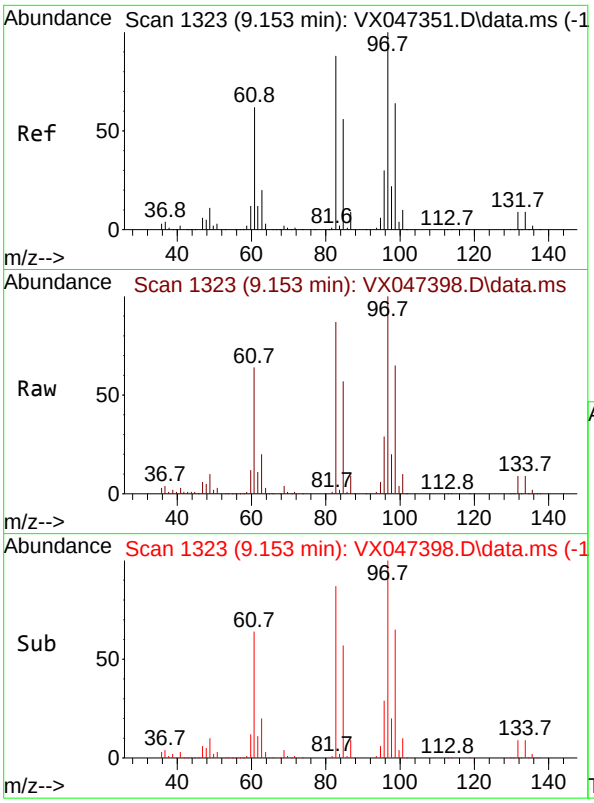


#54
cis-1,3-Dichloropropene
Concen: 46.750 ug/l
RT: 8.372 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 75 Resp: 218646

Ion	Ratio	Lower	Upper
75	100		
77	30.6	25.6	38.4
39	49.8	40.9	61.3

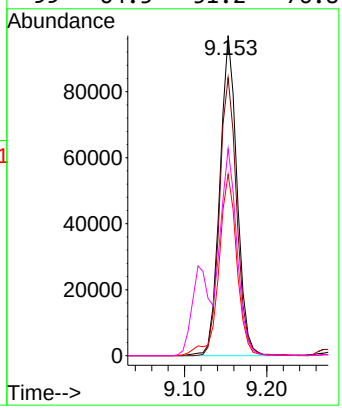




#55
1,1,2-Trichloroethane
Concen: 47.906 ug/l
RT: 9.153 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 97 Resp: 14112

Ion	Ratio	Lower	Upper
97	100		
83	86.9	70.6	106.0
85	56.6	44.7	67.1
99	64.5	51.2	76.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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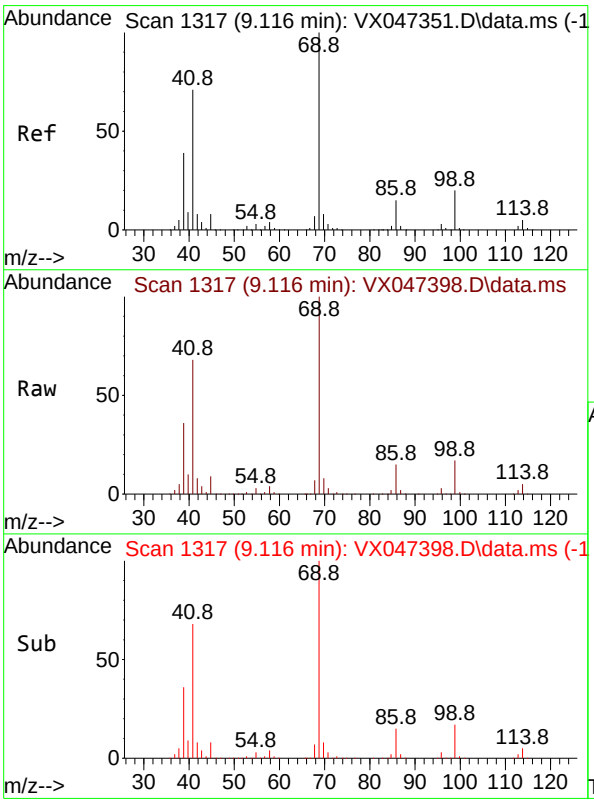
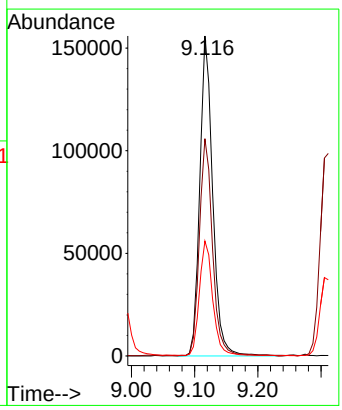
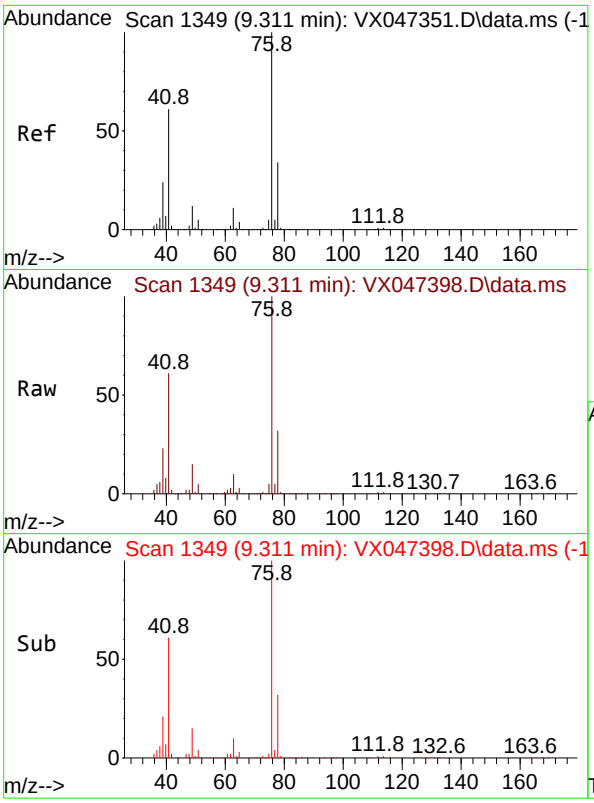


#56
Ethyl methacrylate
Concen: 51.063 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 69 Resp: 221781

Ion	Ratio	Lower	Upper
69	100		
41	69.8	55.3	82.9
39	37.7	30.2	45.2





#57
1,3-Dichloropropane
Concen: 48.073 ug/l
RT: 9.311 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 76 Resp: 24132

Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.2	39.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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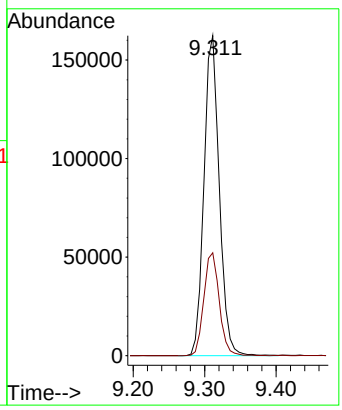
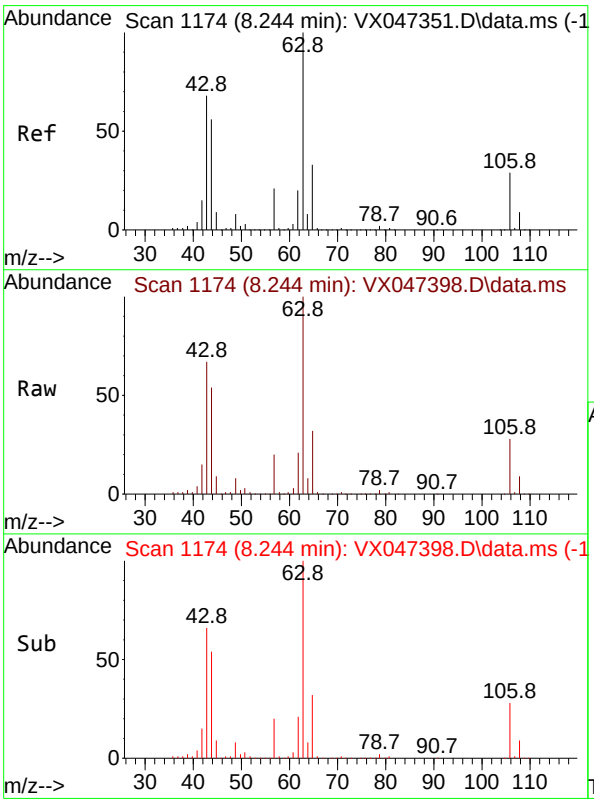
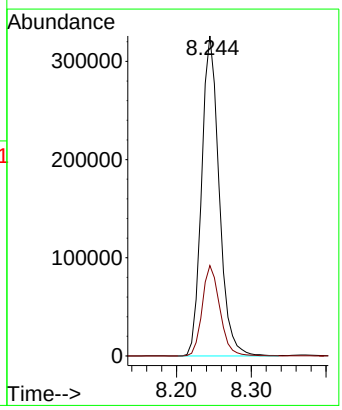


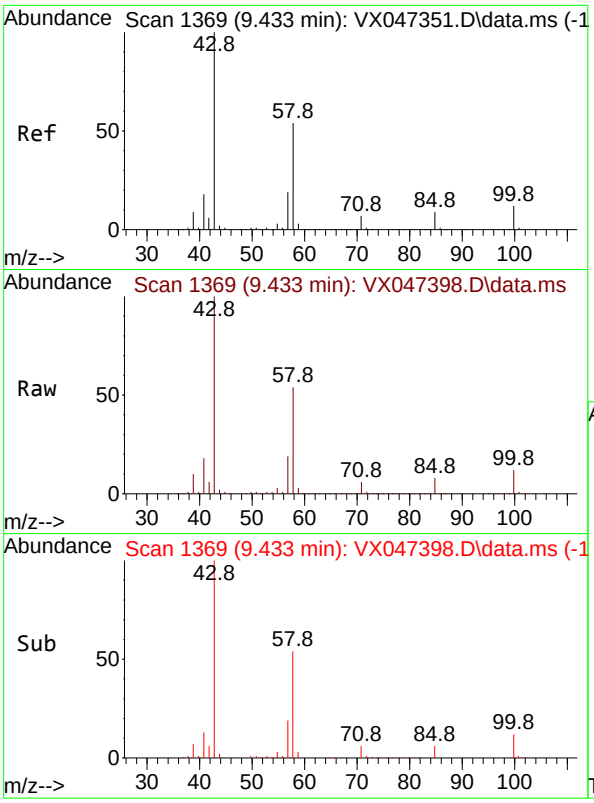


#58
2-Chloroethyl Vinyl ether
Concen: 256.065 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 63 Resp: 531511

Ion	Ratio	Lower	Upper
63	100		
106	28.4	22.8	34.2





#59
2-Hexanone
Concen: 266.477 ug/l
RT: 9.433 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 43 Resp: 66364

Ion	Ratio	Lower	Upper
43	100		
58	53.2	26.9	80.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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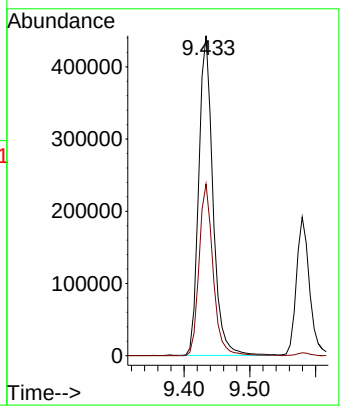
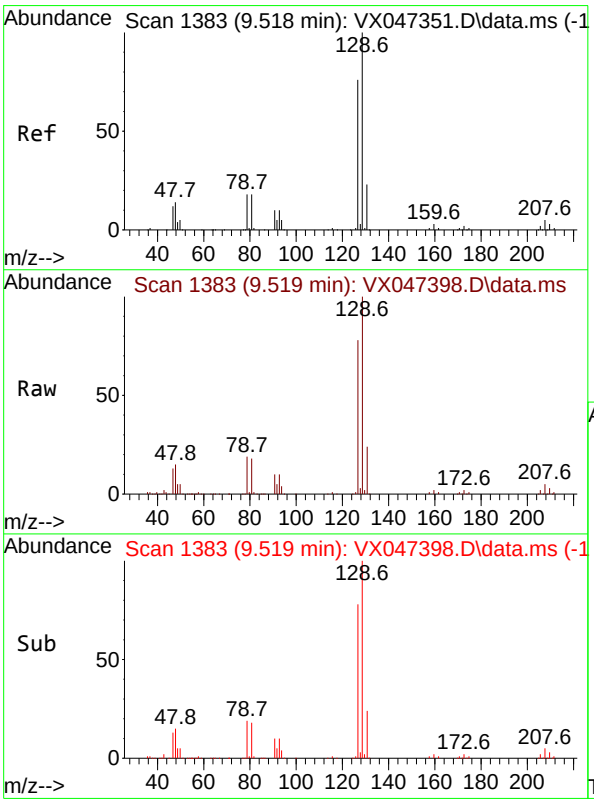
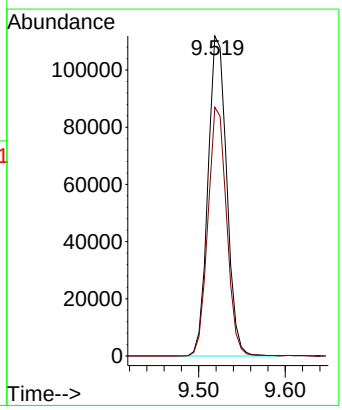


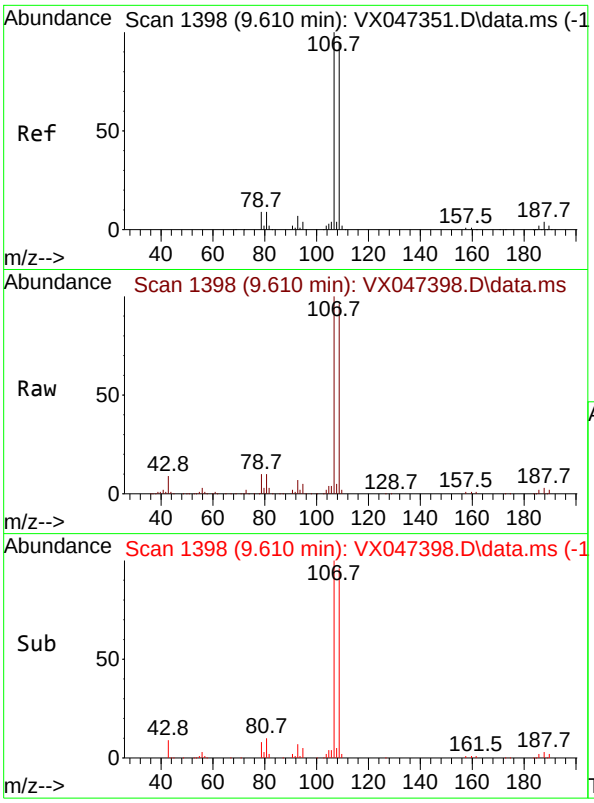


#60
Dibromochloromethane
Concen: 47.846 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion:129 Resp: 167507

Ion	Ratio	Lower	Upper
129	100		
127	77.7	38.9	116.6

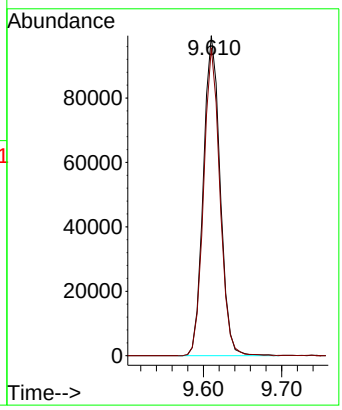




#61
1,2-Dibromoethane
Concen: 48.409 ug/l
RT: 9.610 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion:107 Resp: 14705

Ion	Ratio	Lower	Upper
107	100		
109	93.6	76.2	114.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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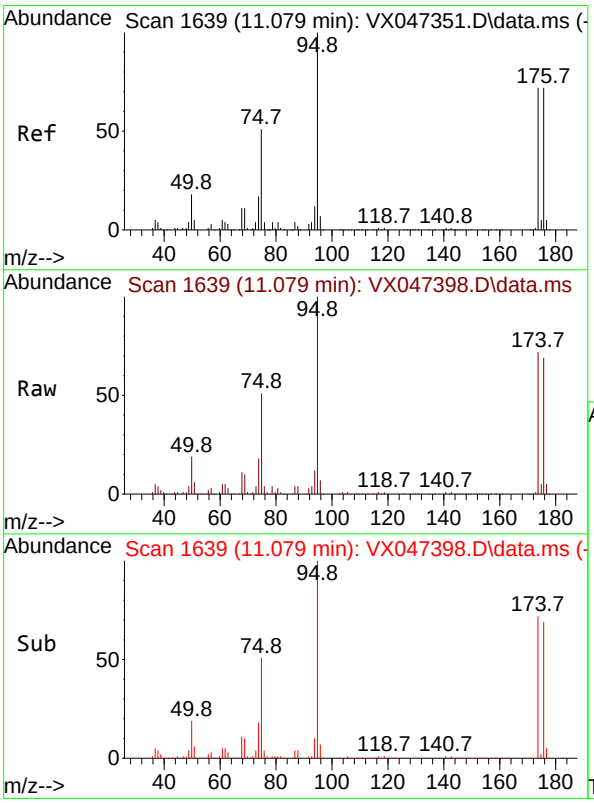
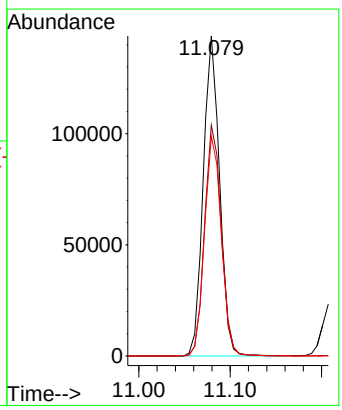
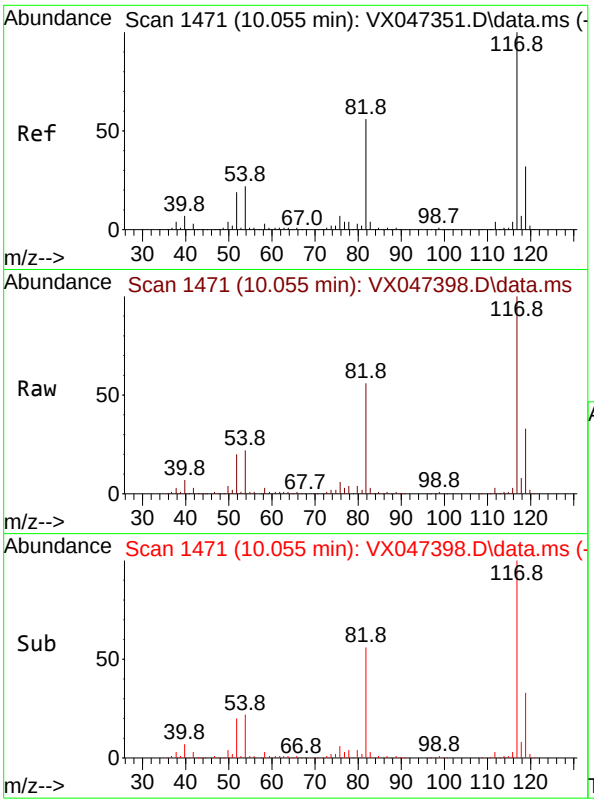


#62
4-Bromofluorobenzene
Concen: 50.769 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 95 Resp: 177952

Ion	Ratio	Lower	Upper
95	100		
174	74.2	0.0	148.0
176	71.0	0.0	145.4

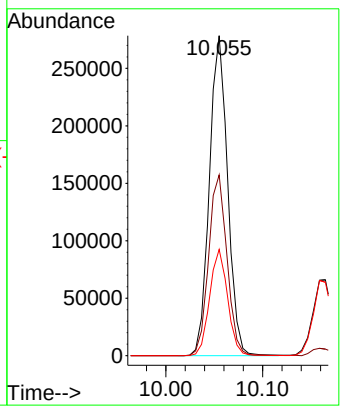




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion:117 Resp: 364979

Ion	Ratio	Lower	Upper
117	100		
82	56.5	45.0	67.4
119	33.2	25.8	38.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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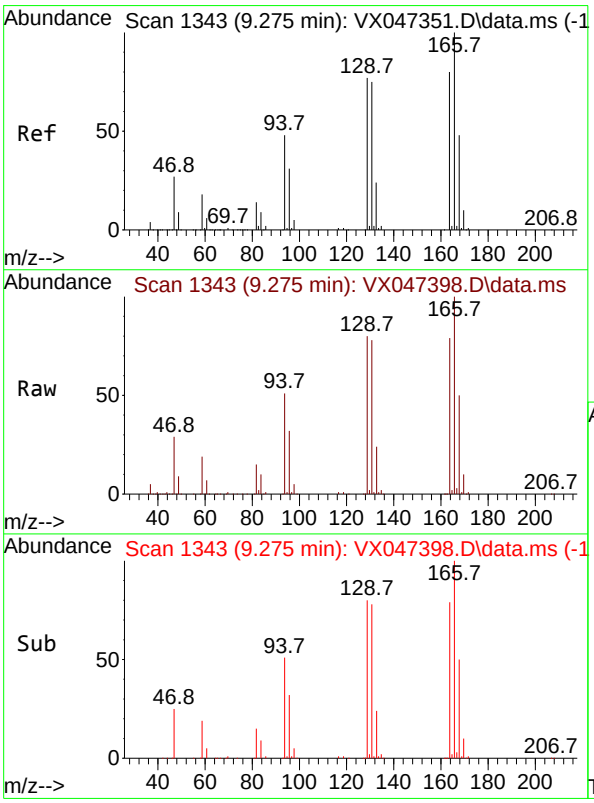
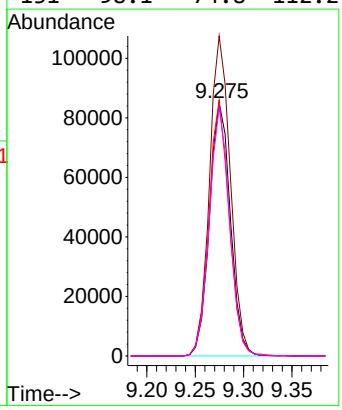
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025

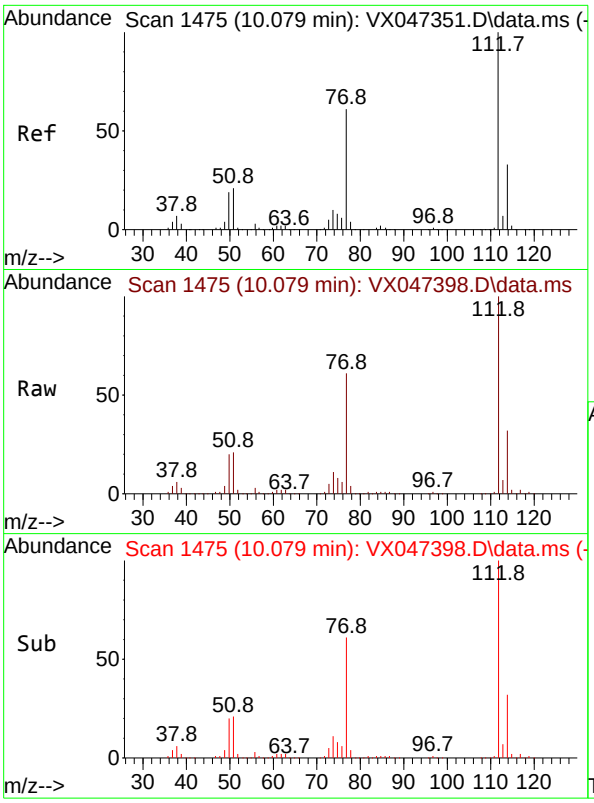


#64
Tetrachloroethene
Concen: 48.383 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion:164 Resp: 127728

Ion	Ratio	Lower	Upper
164	100		
166	126.5	100.3	150.5
129	101.2	77.7	116.5
131	98.1	74.8	112.2

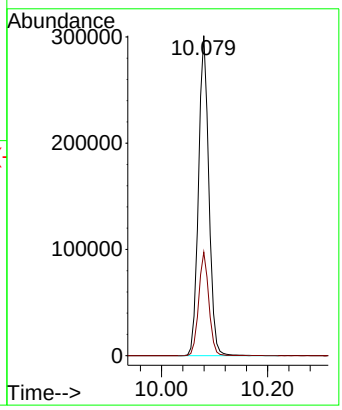




#65
Chlorobenzene
Concen: 47.020 ug/l
RT: 10.079 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion:112 Resp: 40782

Ion	Ratio	Lower	Upper
112	100		
114	32.3	26.4	39.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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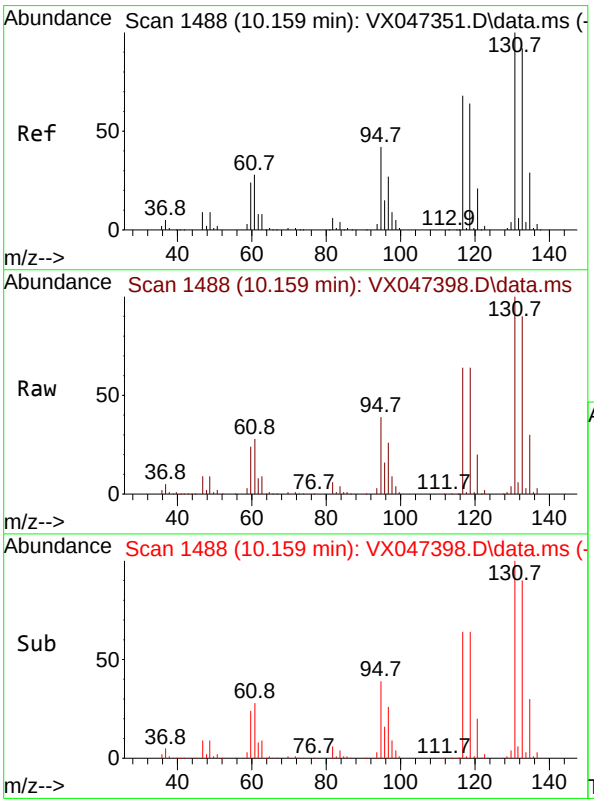
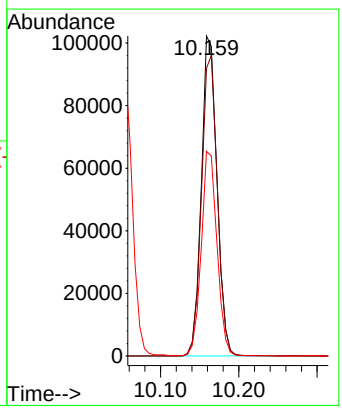
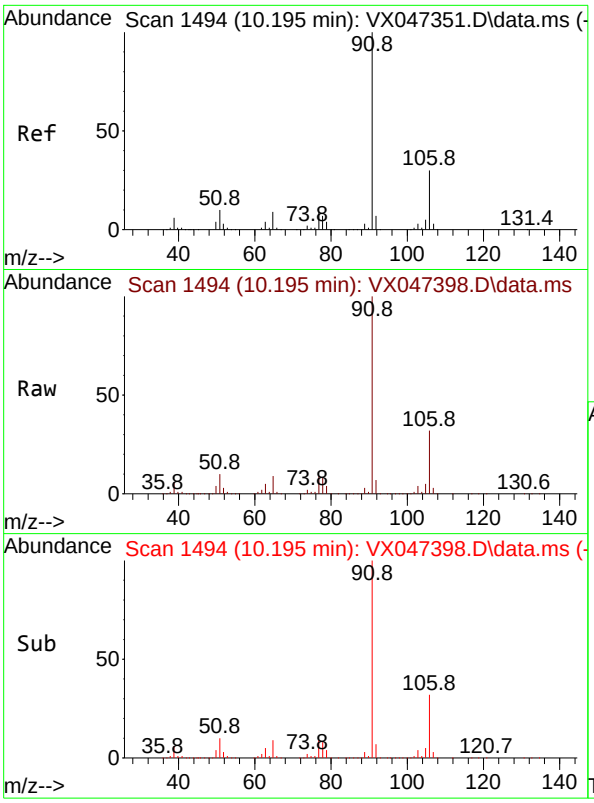


#66
1,1,1,2-Tetrachloroethane
Concen: 48.203 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion:131 Resp: 141328

Ion	Ratio	Lower	Upper
131	100		
133	95.4	47.6	142.9
119	64.4	32.3	96.8





#67
Ethyl Benzene
Concen: 48.350 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 91 Resp: 72177

Ion	Ratio	Lower	Upper
91	100		
106	31.5	24.4	36.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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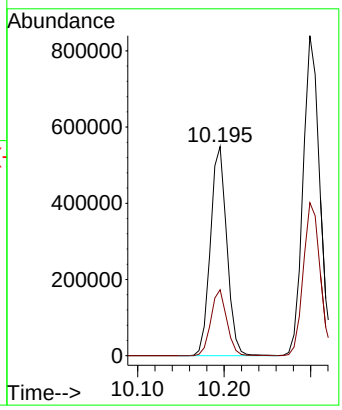
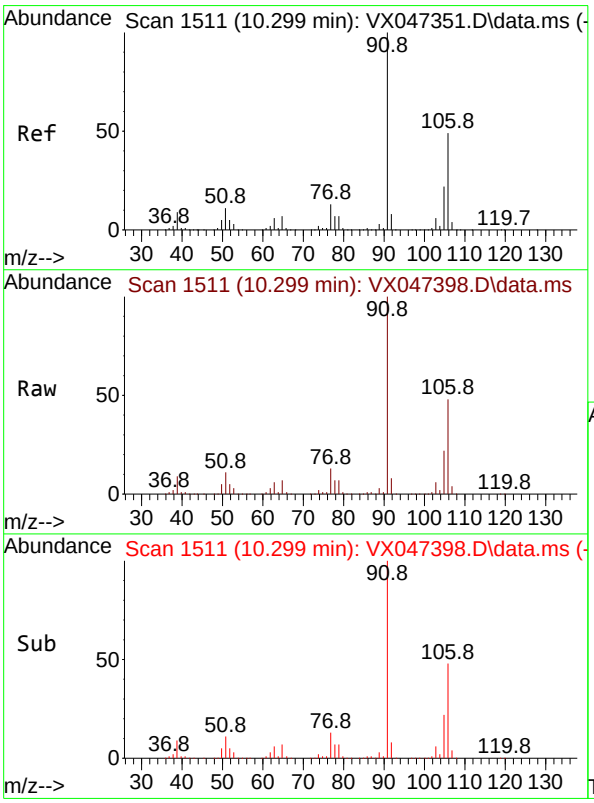
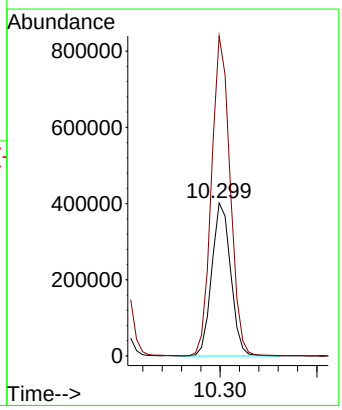


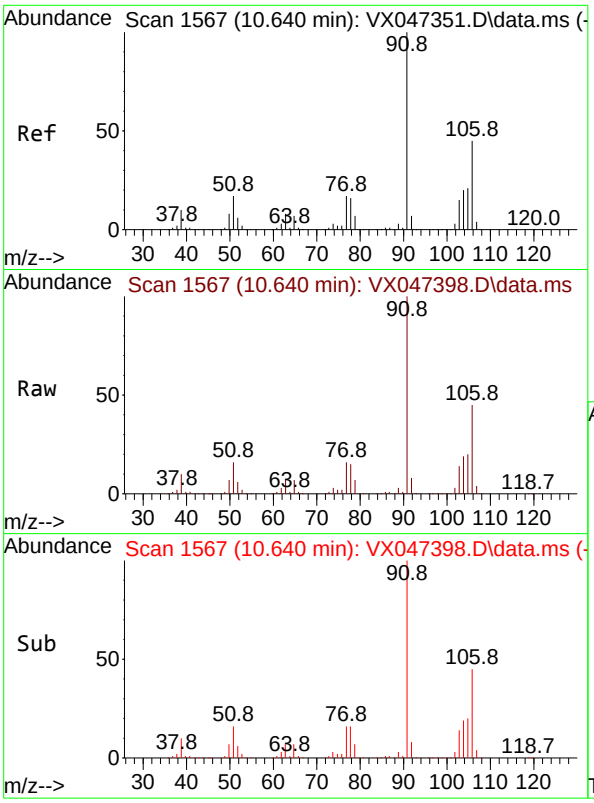


#68
m/p-Xylenes
Concen: 97.575 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion:106 Resp: 543135

Ion	Ratio	Lower	Upper
106	100		
91	206.5	164.7	247.1





#69
o-Xylene
Concen: 48.711 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion:106 Resp: 26093

Ion	Ratio	Lower	Upper
106	100		
91	218.8	110.6	331.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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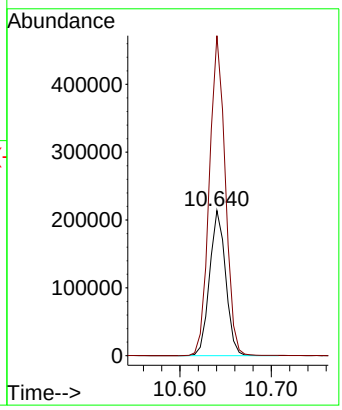
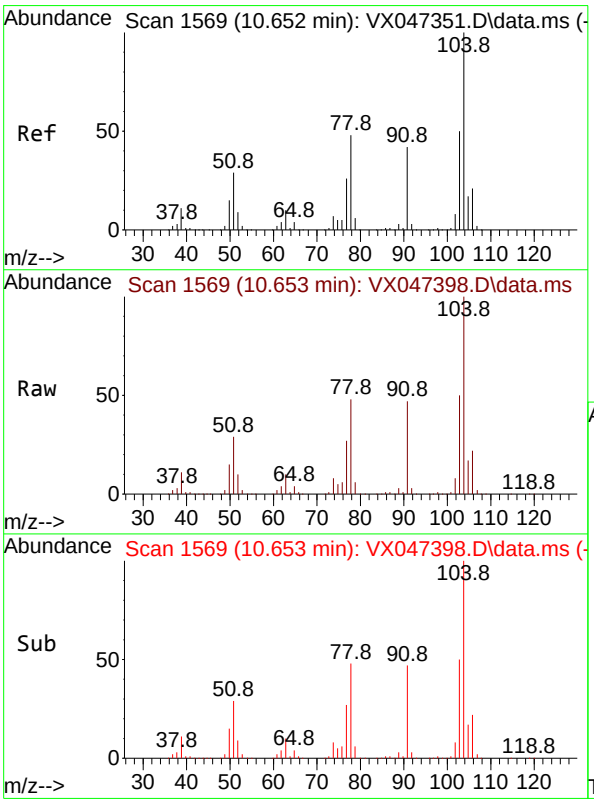
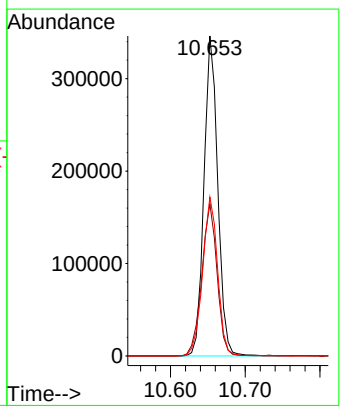


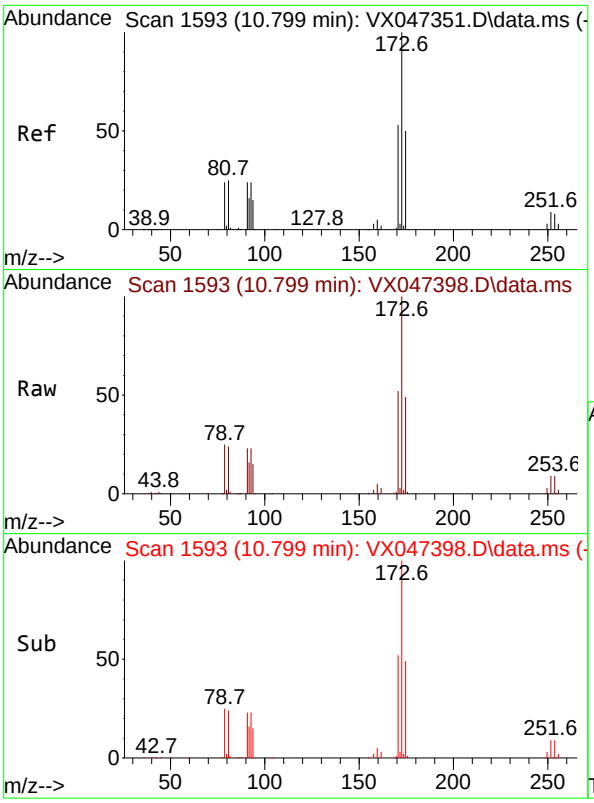


#70
Styrene
Concen: 48.950 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion:104 Resp: 443043

Ion	Ratio	Lower	Upper
104	100		
78	52.8	41.8	62.8
103	54.2	43.6	65.4





#71
Bromoform
Concen: 49.800 ug/l
RT: 10.799 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion:173 Resp: 10969

Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.4	73.4
254	0.1	0.1	0.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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Reviewed By :John Carlone 08/19/2025
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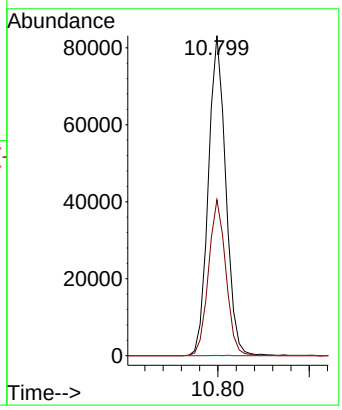
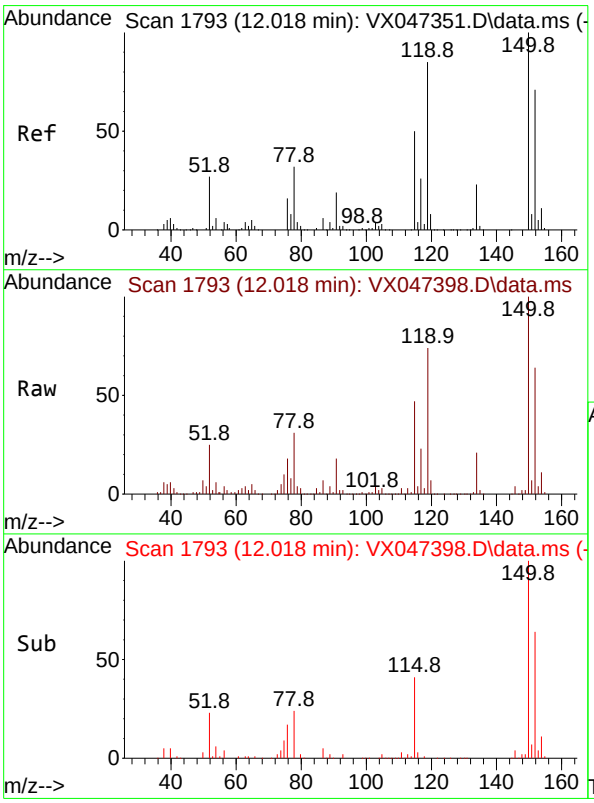
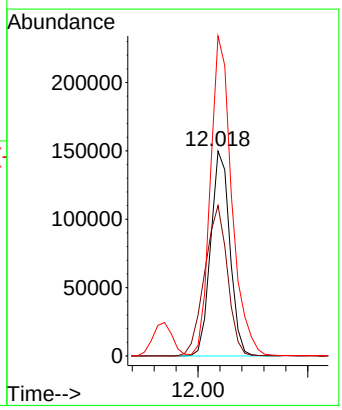


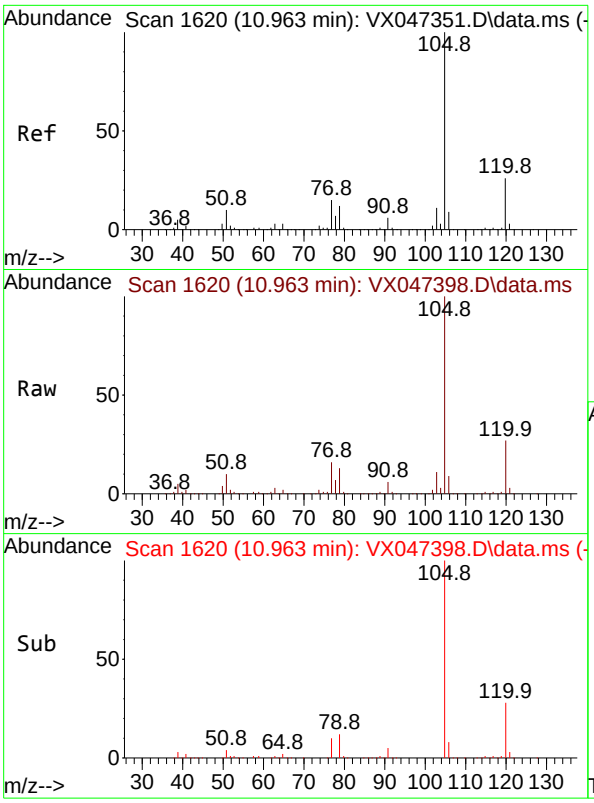


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion:152 Resp: 181876

Ion	Ratio	Lower	Upper
152	100		
115	87.3	44.6	133.8
150	173.8	0.0	349.8

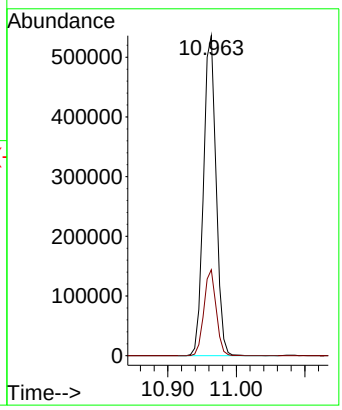




#73
Isopropylbenzene
Concen: 48.136 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion:105 Resp: 685100

Ion	Ratio	Lower	Upper
105	100		
120	26.1	12.9	38.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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Reviewed By :John Carlone 08/19/2025
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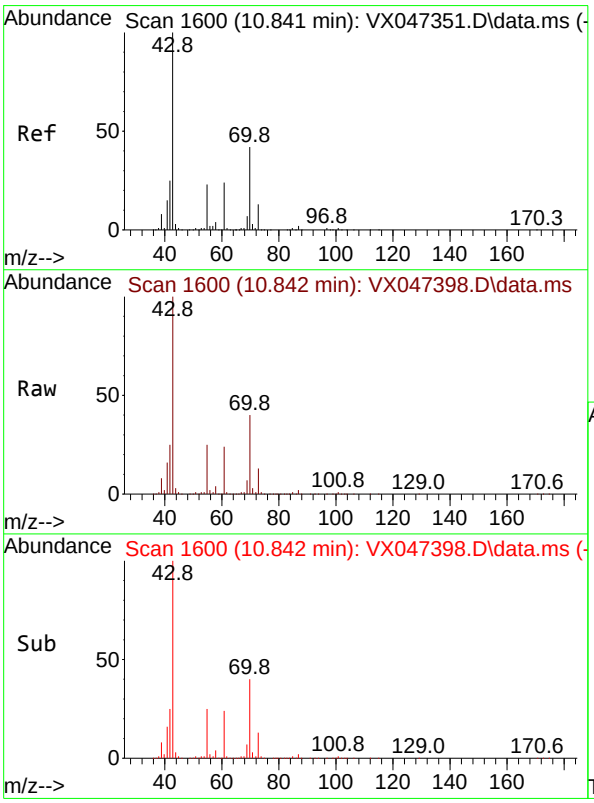
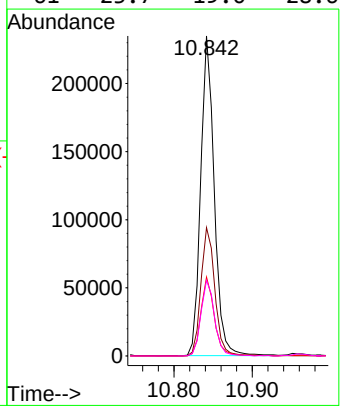
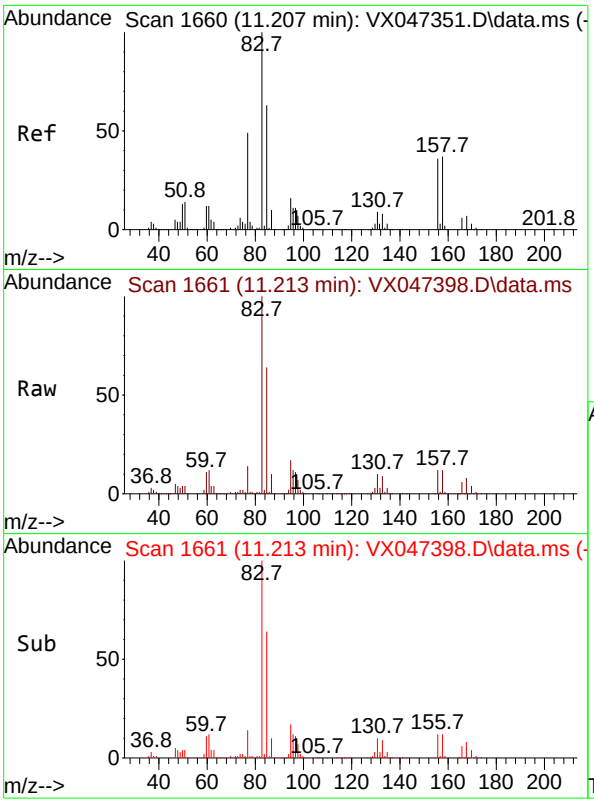


#74
N-amyl acetate
Concen: 52.388 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 43 Resp: 283144

Ion	Ratio	Lower	Upper
43	100		
70	41.3	33.1	49.7
55	24.6	19.0	28.6
61	23.7	19.0	28.6





#75
1,1,2,2-Tetrachloroethane
Concen: 48.688 ug/l
RT: 11.213 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 83 Resp: 20345

Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.0	15.0
85	65.1	31.7	95.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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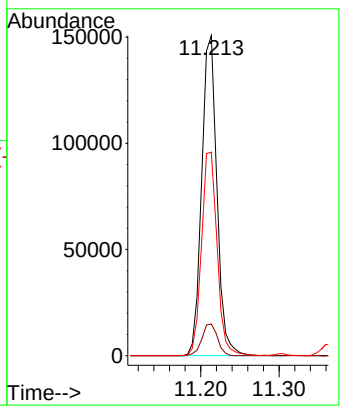
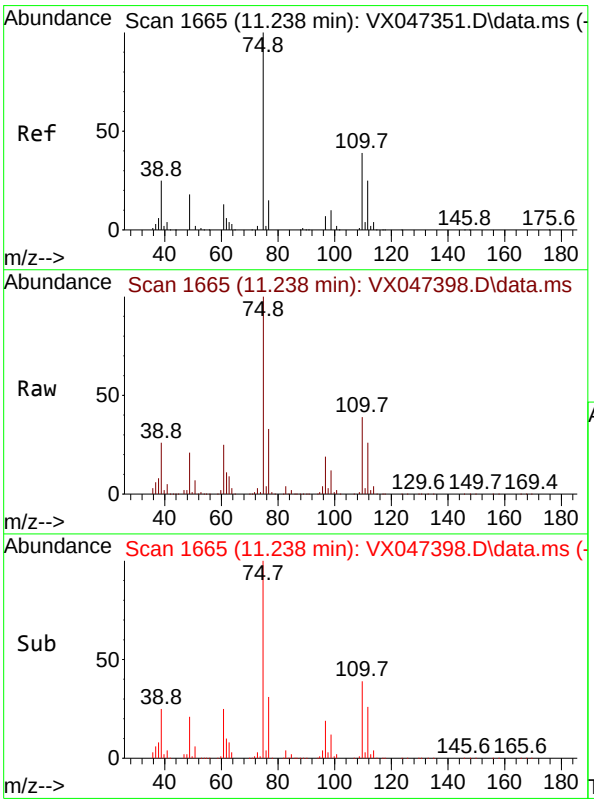
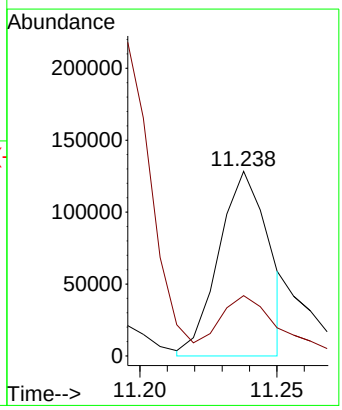


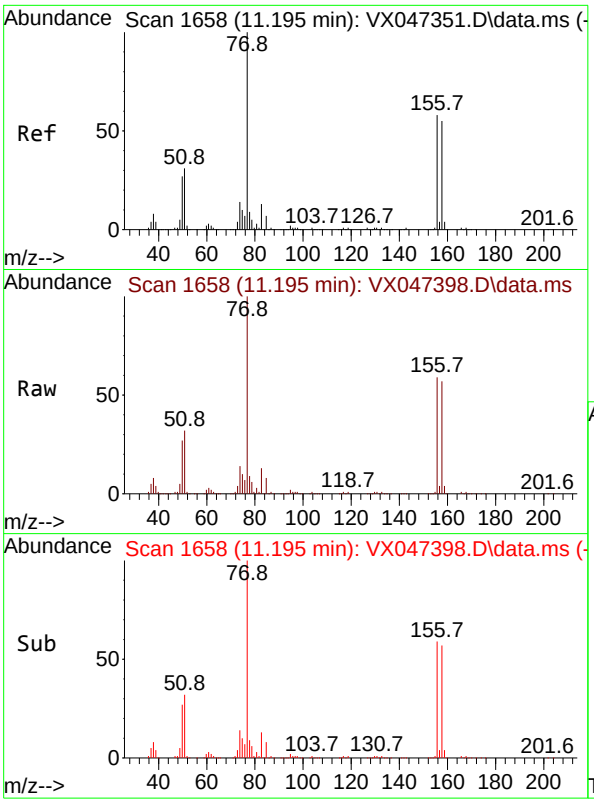


#76
1,2,3-Trichloropropane
Concen: 48.801 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 75 Resp: 162792

Ion	Ratio	Lower	Upper
75	100		
77	39.7	19.4	58.2

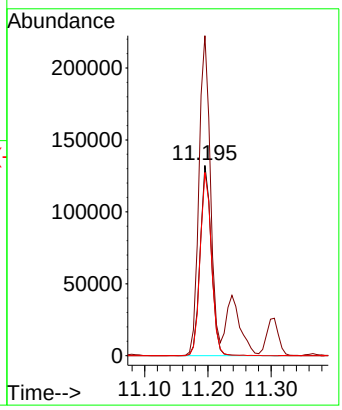




#77
Bromobenzene
Concen: 46.788 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion:156 Resp: 16260

Ion	Ratio	Lower	Upper
156	100		
77	172.4	86.3	258.9
158	97.9	48.0	144.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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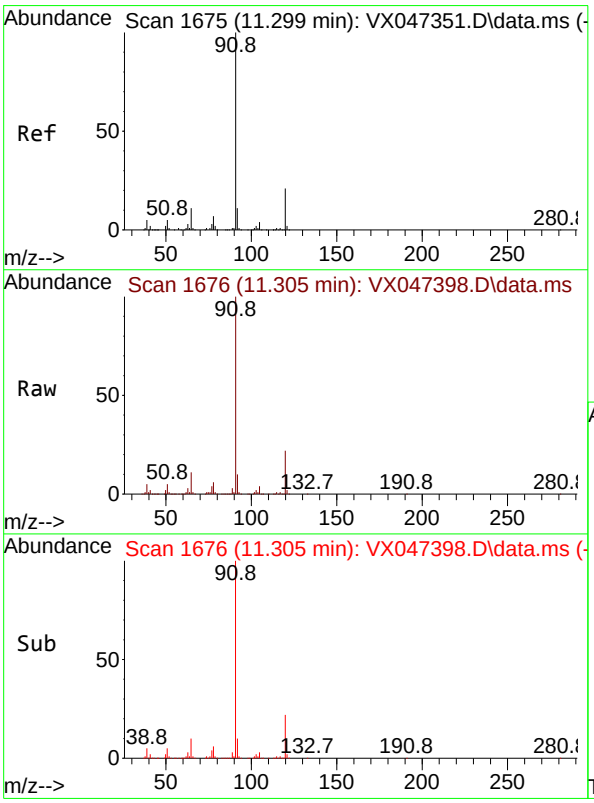
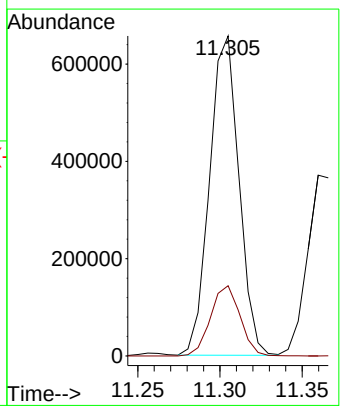
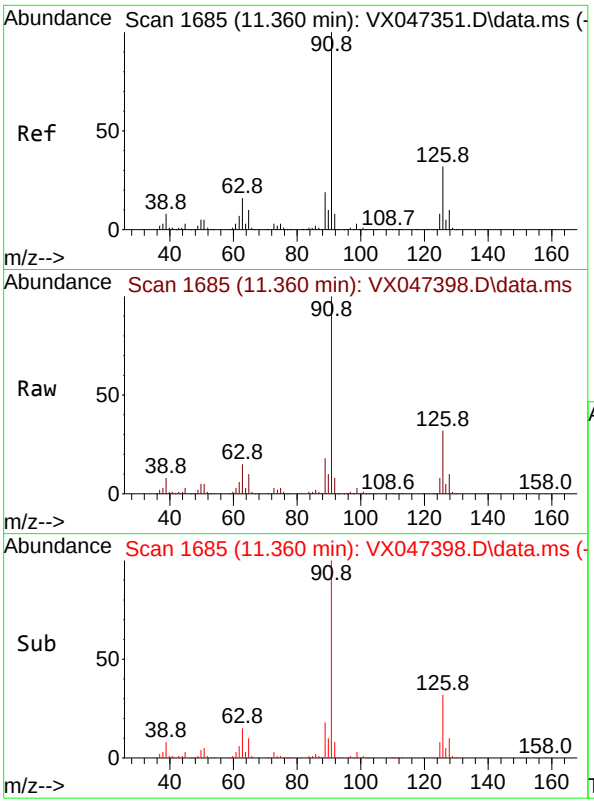


#78
n-propylbenzene
Concen: 47.963 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 91 Resp: 815287

Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.0	33.0

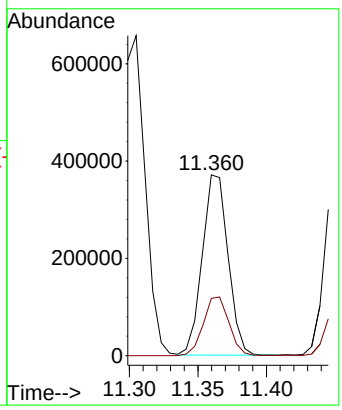




#79
2-Chlorotoluene
Concen: 47.097 ug/l
RT: 11.360 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 91 Resp: 48394

Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.7	50.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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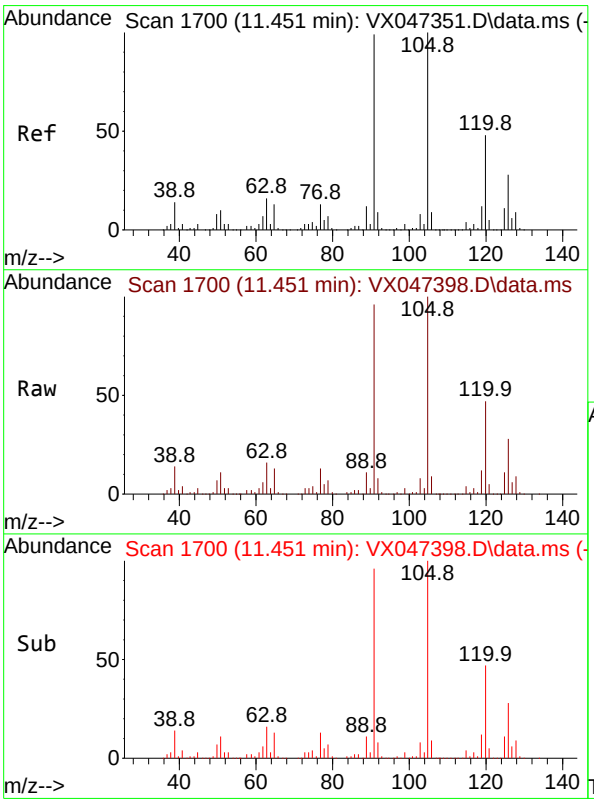
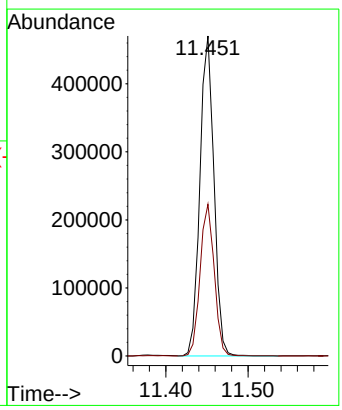
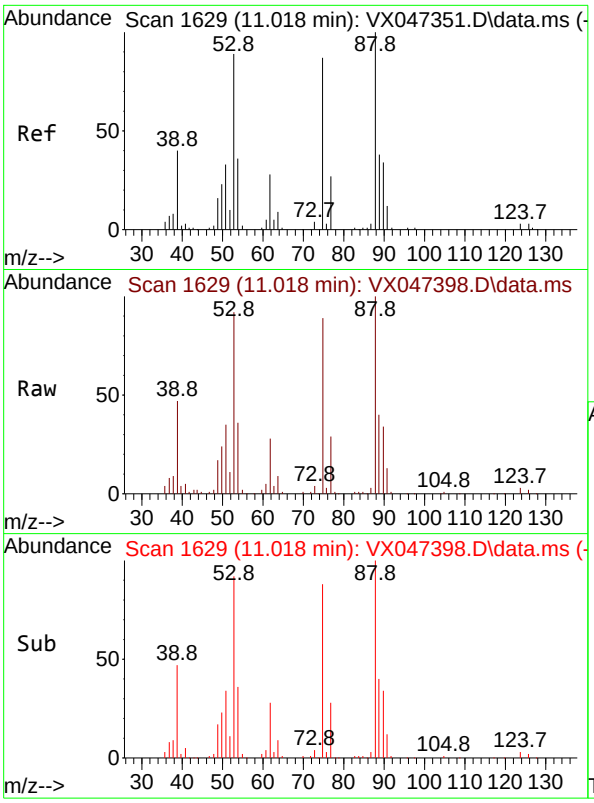


#80
1,3,5-Trimethylbenzene
Concen: 47.736 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion:105 Resp: 559007

Ion	Ratio	Lower	Upper
105	100		
120	47.6	23.9	71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 43.382 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 75 Resp: 3234

Ion	Ratio	Lower	Upper
75	100		
53	105.5	85.2	127.8
89	44.8	36.7	55.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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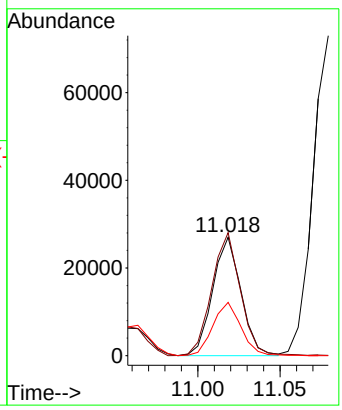
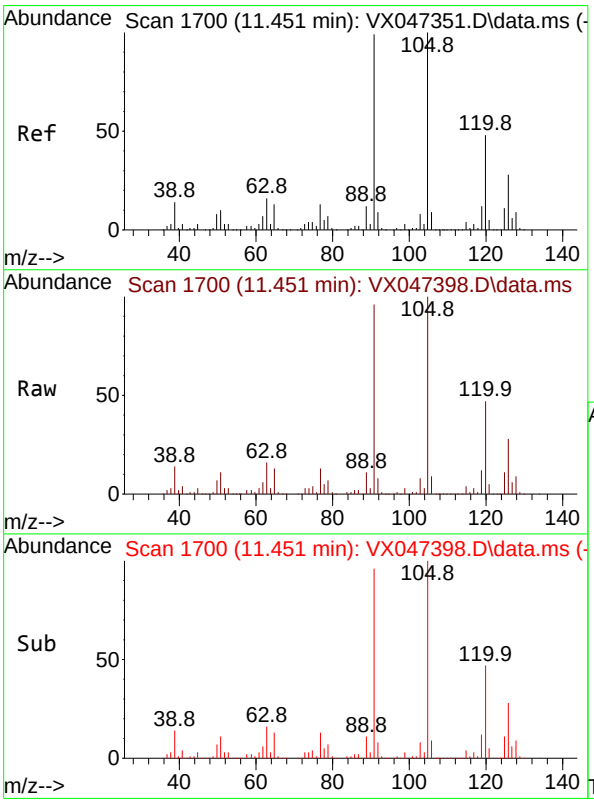
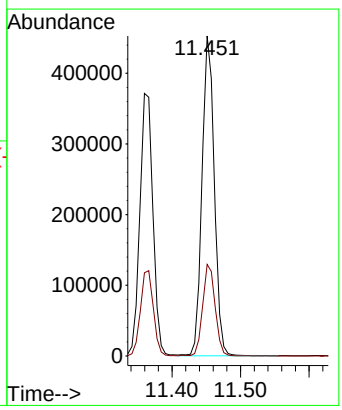


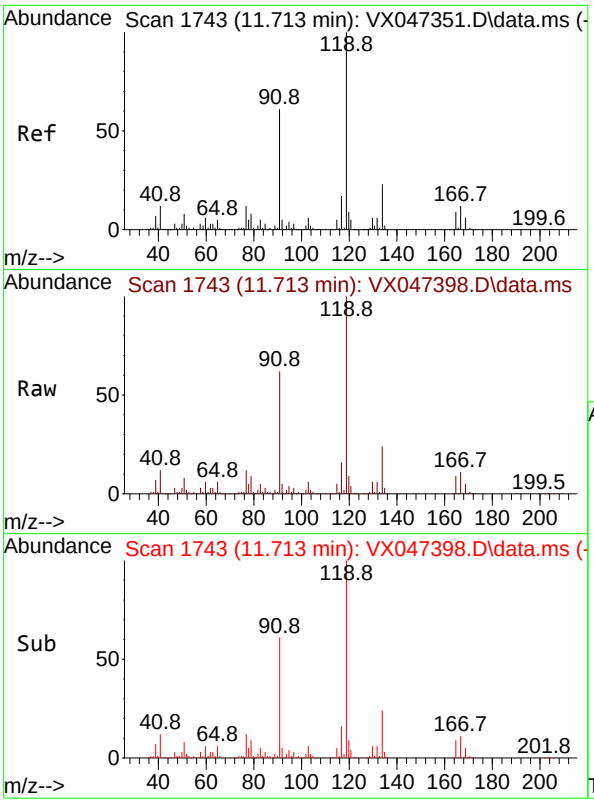


#82
4-Chlorotoluene
Concen: 46.629 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 91 Resp: 564800

Ion	Ratio	Lower	Upper
91	100		
126	29.1	14.4	43.0

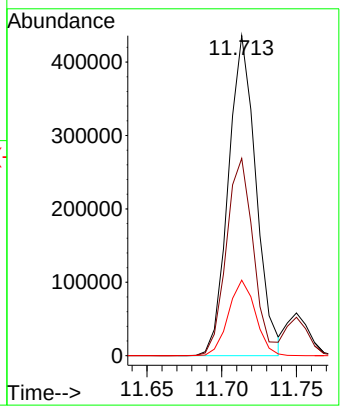




#83
tert-Butylbenzene
Concen: 47.888 ug/l
RT: 11.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion:119 Resp: 55948

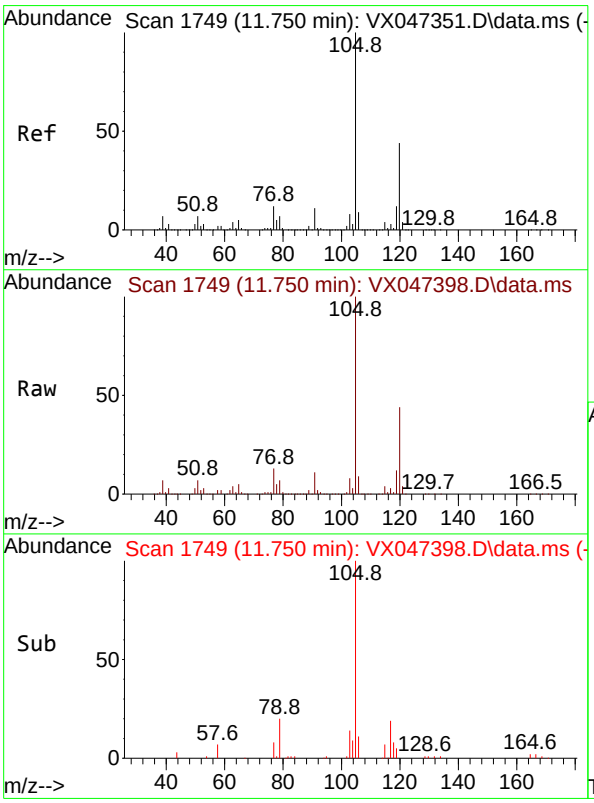
Ion	Ratio	Lower	Upper
119	100		
91	61.0	29.1	87.4
134	23.1	11.3	33.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

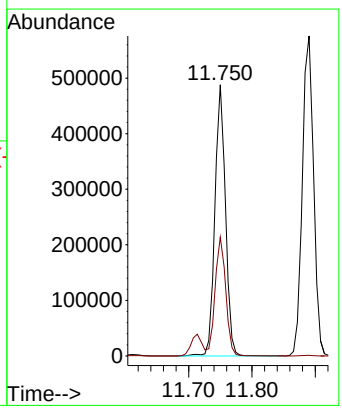
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025

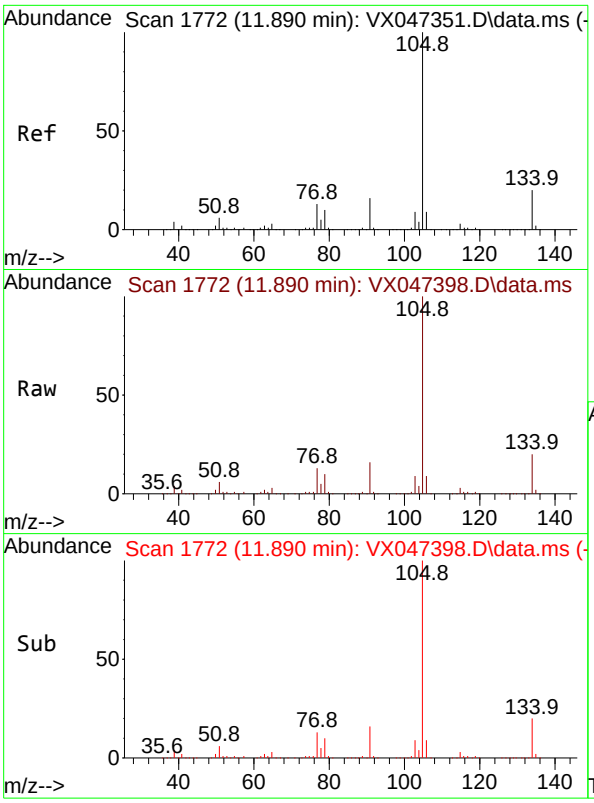


#84
1,2,4-Trimethylbenzene
Concen: 48.276 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion:105 Resp: 565346

Ion	Ratio	Lower	Upper
105	100		
120	44.1	21.9	65.7





#85
sec-Butylbenzene
Concen: 48.776 ug/l
RT: 11.890 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion:105 Resp: 70631

Ion	Ratio	Lower	Upper
105	100		
134	19.9	9.8	29.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/19/2025
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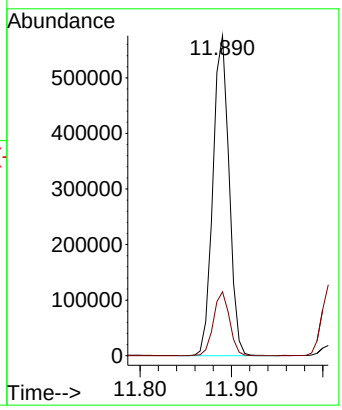
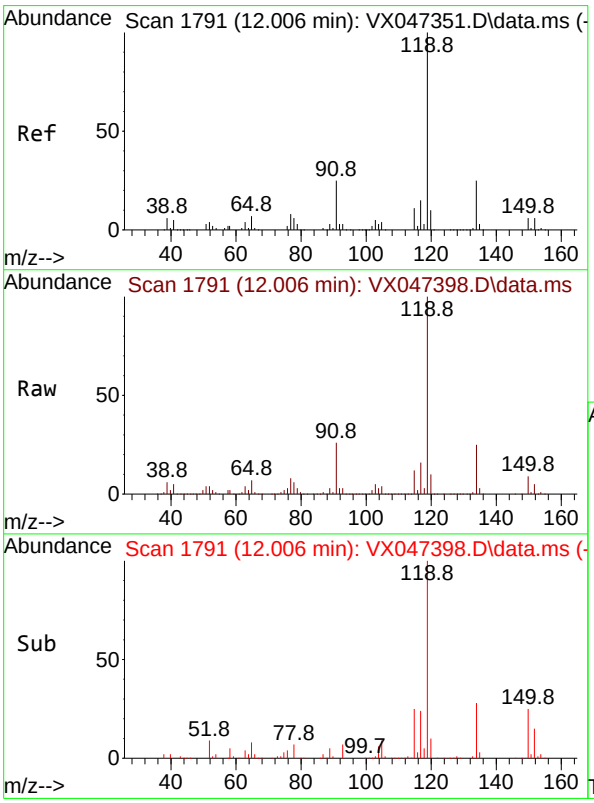
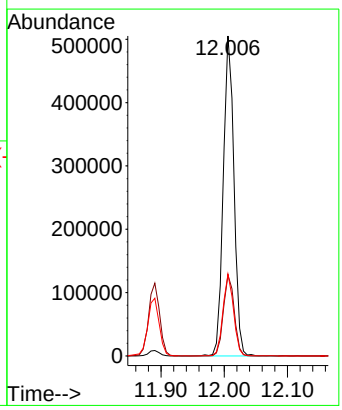


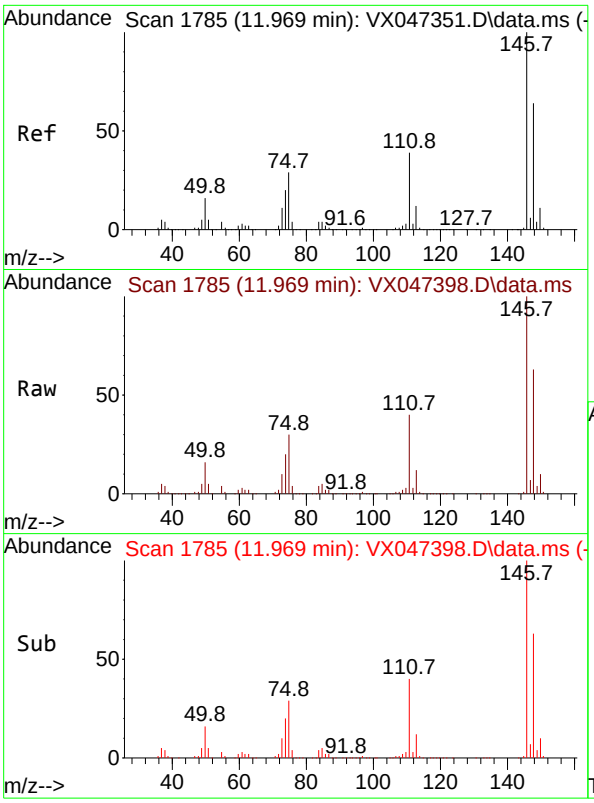


#86
p-Isopropyltoluene
Concen: 48.046 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion:119 Resp: 588746

Ion	Ratio	Lower	Upper
119	100		
134	25.7	12.8	38.4
91	25.4	12.4	37.4

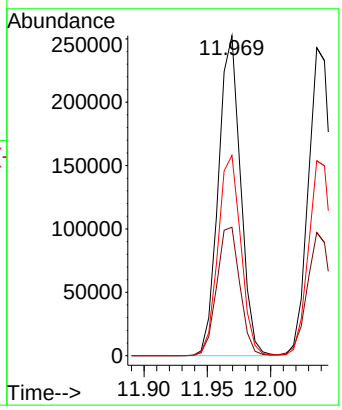




#87
1,3-Dichlorobenzene
Concen: 46.289 ug/l
RT: 11.969 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion:146 Resp: 30733

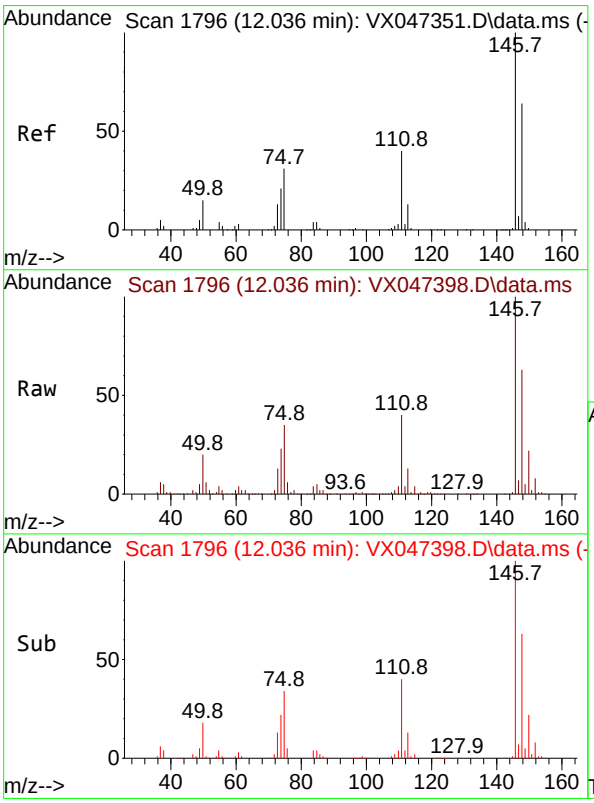
Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.6	61.8
148	64.4	31.9	95.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

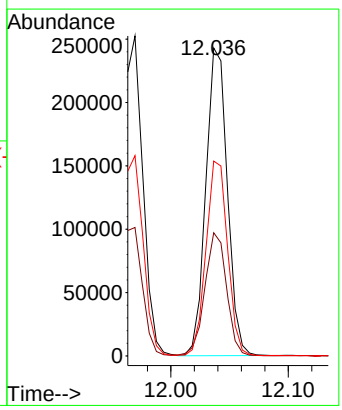
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025

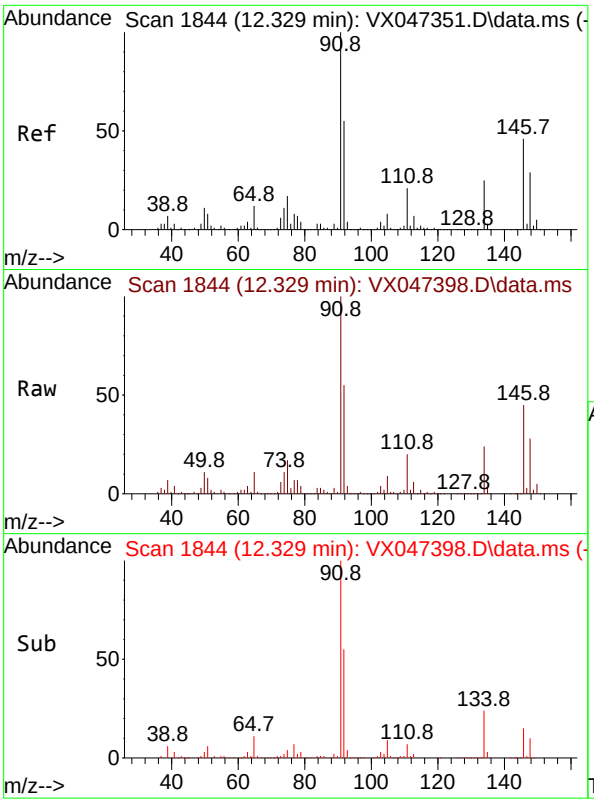


#88
1,4-Dichlorobenzene
Concen: 45.233 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion:146 Resp: 308887

Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.4	61.2
148	64.0	31.7	95.1





#89
n-Butylbenzene
Concen: 48.167 ug/l
RT: 12.329 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

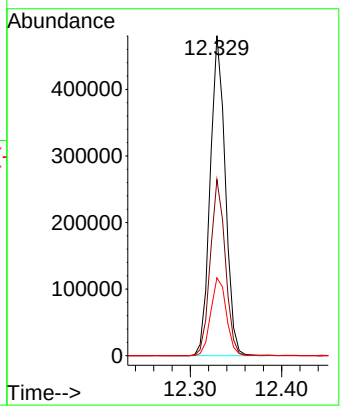
Tgt Ion: 91 Resp: 54898

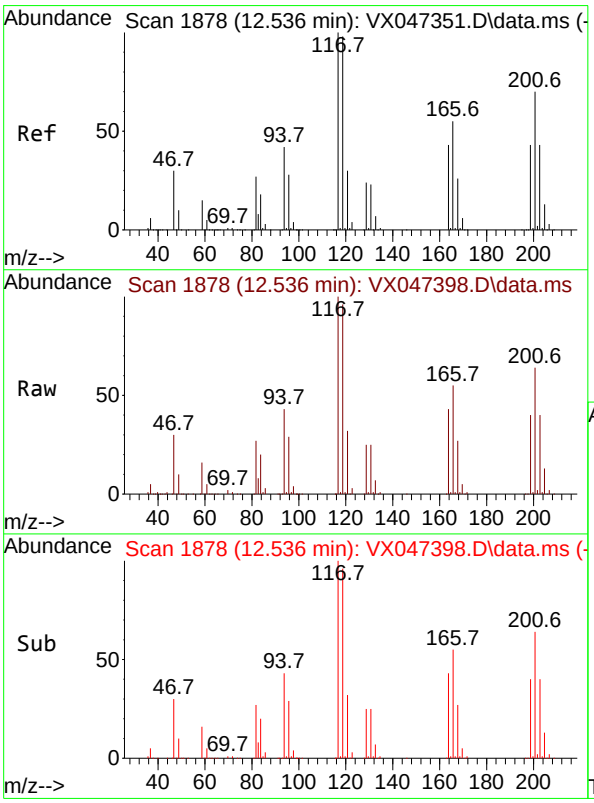
Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.2	81.5
134	25.2	12.6	37.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025

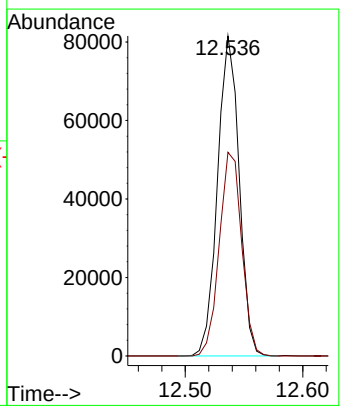


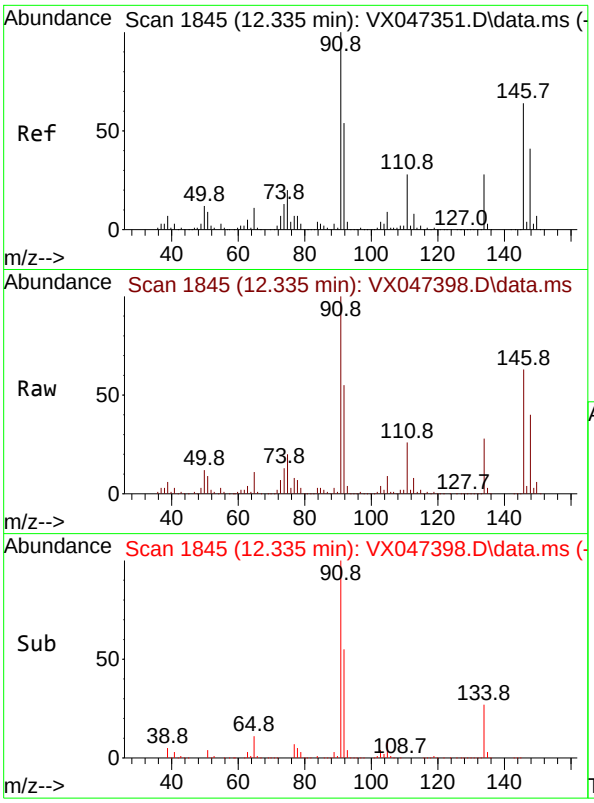


#90
Hexachloroethane
Concen: 48.527 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion:117 Resp: 104319

Ion	Ratio	Lower	Upper
117	100		
201	66.1	35.1	105.3

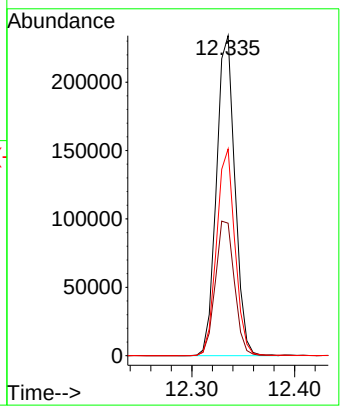




#91
1,2-Dichlorobenzene
Concen: 46.240 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion:146 Resp: 29140

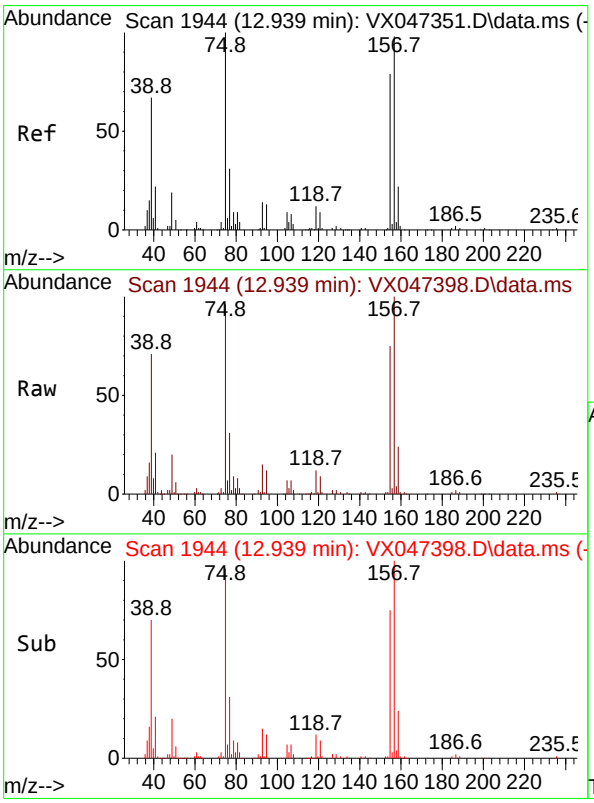
Ion	Ratio	Lower	Upper
146	100		
111	43.6	22.1	66.1
148	64.5	31.9	95.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

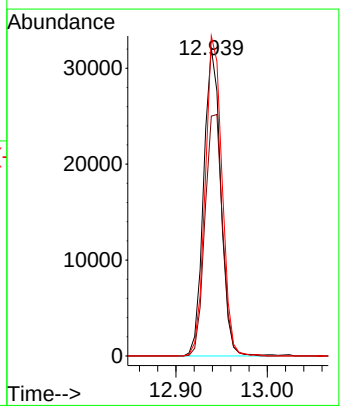
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025

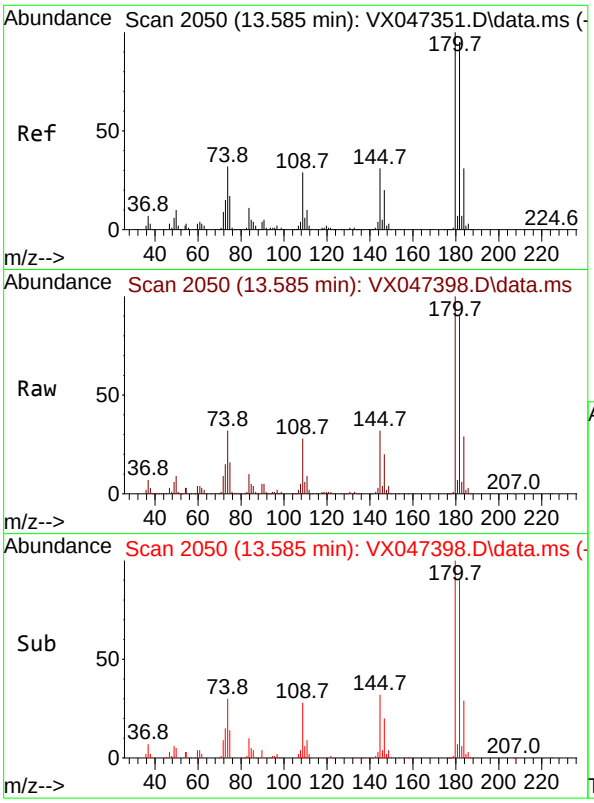


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.455 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 75 Resp: 41583

Ion	Ratio	Lower	Upper
75	100		
155	80.9	41.3	123.7
157	102.3	51.5	154.5

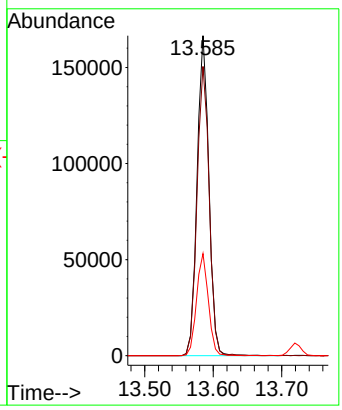




#93
1,2,4-Trichlorobenzene
Concen: 47.190 ug/l
RT: 13.585 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion:180 Resp: 19936

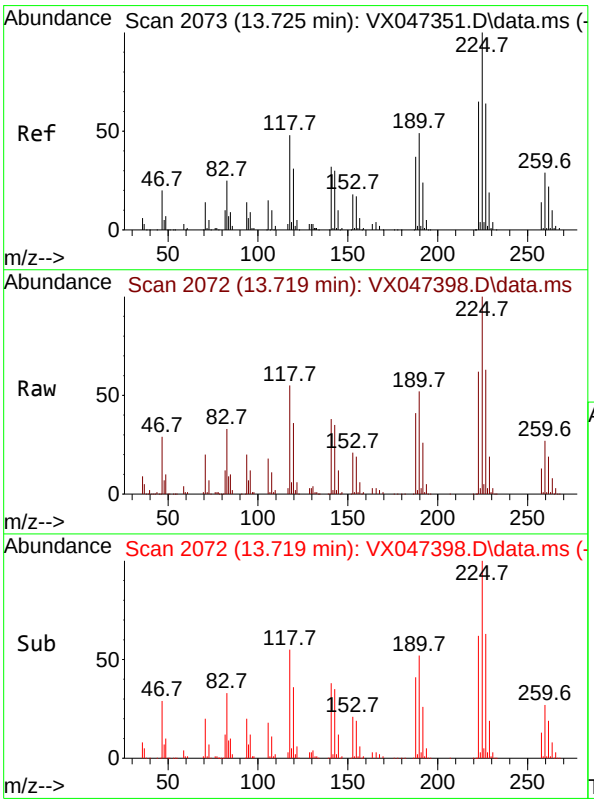
Ion	Ratio	Lower	Upper
180	100		
182	93.2	48.1	144.4
145	31.9	16.2	48.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

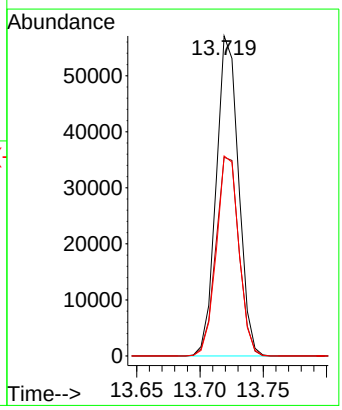
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025

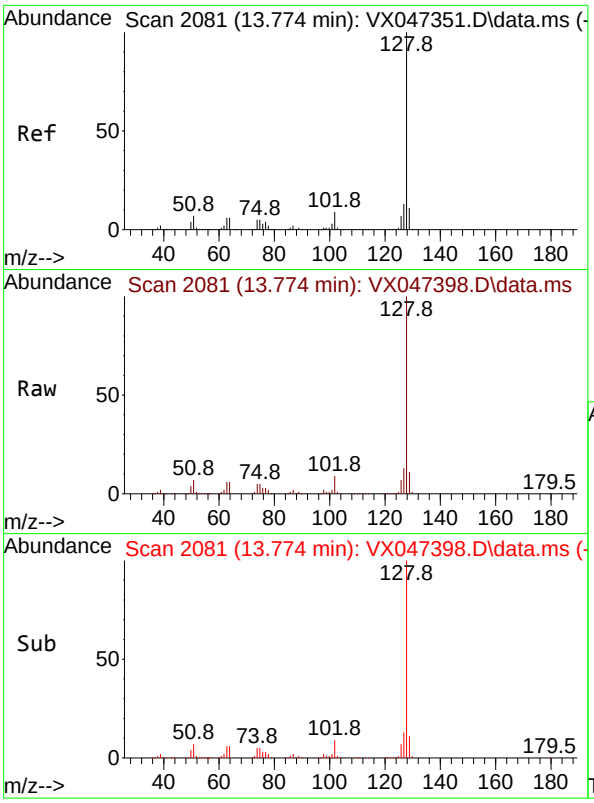


#94
Hexachlorobutadiene
Concen: 46.449 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion:225 Resp: 69851

Ion	Ratio	Lower	Upper
225	100		
223	64.3	32.2	96.6
227	63.0	31.6	95.0

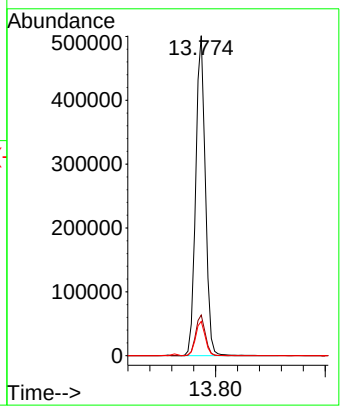




#95
Naphthalene
Concen: 50.928 ug/l
RT: 13.774 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion:128 Resp: 61488

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.1	15.1
129	10.8	8.7	13.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

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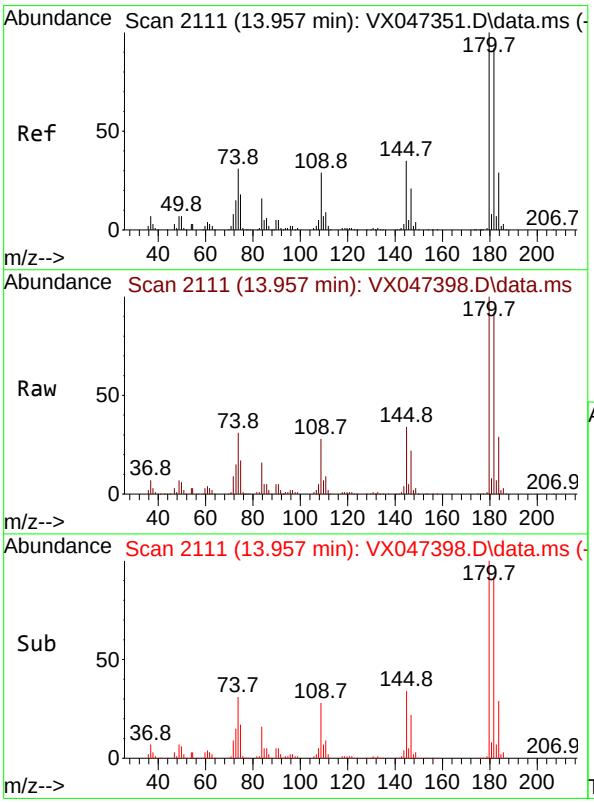
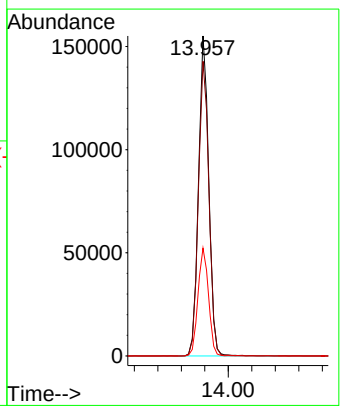


#96
1,2,3-Trichlorobenzene
Concen: 47.311 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion:180 Resp: 188409

Ion	Ratio	Lower	Upper
180	100		
182	94.7	48.0	144.2
145	34.6	17.4	52.2



Sample Results: **VX047398.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
Data File : VX047398.D
Acq On : 18 Aug 2025 20:57
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Aug 19 01:51:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 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	100	0.00
2	T	Dichlorodifluoromethane	0.637	0.633	0.6	87	0.00
3	P	Chloromethane	0.573	0.563	1.7	90	0.00
4	C	Vinyl Chloride	0.720	0.674	6.4#	84	0.00
5	T	Bromomethane	0.291	0.176	39.5#	52	0.00
6	T	Chloroethane	0.440	0.422	4.1	91	0.00
7	T	Trichlorofluoromethane	1.065	1.016	4.6	86	0.00
8	T	Diethyl Ether	0.375	0.357	4.8	86	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.618	0.604	2.3	87	0.00
10	T	Methyl Iodide	1.058	0.582	45.0#	50	0.00
11	T	Tert butyl alcohol	0.061	0.069	-13.1	101	0.00
12	CM	1,1-Dichloroethene	0.630	0.592	6.0#	85	0.00
13	T	Acrolein	0.129	0.007	94.6#	6#	0.00
14	T	Allyl chloride	1.093	0.909	16.8	75	0.00
15	T	Acrylonitrile	0.294	0.304	-3.4	90	0.00
16	T	Acetone	0.263	0.251	4.6	90	0.00
17	T	Carbon Disulfide	1.900	1.780	6.3	89	0.00
18	T	Methyl Acetate	0.682	0.740	-8.5	96	0.00
19	T	Methyl tert-butyl Ether	1.915	1.897	0.9	87	0.00
20	T	Methylene Chloride	0.697	0.659	5.5	87	0.00
21	T	trans-1,2-Dichloroethene	0.668	0.625	6.4	86	0.00
22	T	Diisopropyl ether	2.161	2.139	1.0	87	0.00
23	T	Vinyl Acetate	1.772	1.744	1.6	86	0.00
24	P	1,1-Dichloroethane	1.222	1.172	4.1	86	0.00
25	T	2-Butanone	0.344	0.365	-6.1	94	0.00
26	T	2,2-Dichloropropane	0.922	0.734	20.4	72	0.00
27	T	cis-1,2-Dichloroethene	0.778	0.733	5.8	87	0.00
28	T	Bromochloromethane	0.508	0.496	2.4	92	0.00
29	T	Tetrahydrofuran	0.223	0.237	-6.3	97	0.00
30	C	Chloroform	1.247	1.196	4.1#	88	0.00
31	T	Cyclohexane	1.126	1.065	5.4	88	0.00
32	T	1,1,1-Trichloroethane	1.073	1.028	4.2	86	0.00
33	S	1,2-Dichloroethane-d4	0.700	0.708	-1.1	101	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	101	0.00
35	S	Dibromofluoromethane	0.325	0.329	-1.2	100	0.00
36	T	1,1-Dichloropropene	0.512	0.488	4.7	88	0.00
37	T	Ethyl Acetate	0.532	0.514	3.4	88	0.00
38	T	Carbon Tetrachloride	0.560	0.527	5.9	88	0.00
39	T	Methylcyclohexane	0.639	0.604	5.5	88	0.00
40	TM	Benzene	1.533	1.461	4.7	87	0.00
41	T	Methacrylonitrile	0.224	0.224	0.0	88	0.00
42	TM	1,2-Dichloroethane	0.543	0.517	4.8	87	0.00
43	T	Isopropyl Acetate	0.764	0.774	-1.3	90	0.00
44	TM	Trichloroethene	0.393	0.369	6.1	86	0.00
45	C	1,2-Dichloropropane	0.384	0.366	4.7#	88	0.00
46	T	Dibromomethane	0.279	0.264	5.4	88	0.00
47	T	Bromodichloromethane	0.578	0.549	5.0	87	0.00
48	T	Methyl methacrylate	0.397	0.399	-0.5	90	0.00

Sample Results: **VX047398.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
Data File : VX047398.D
Acq On : 18 Aug 2025 20:57
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Aug 19 01:51:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.004	0.004	0.0	93	0.00
50	S	Toluene-d8	1.160	1.154	0.5	99	0.00
51	T	4-Methyl-2-Pentanone	0.440	0.468	-6.4	93	0.00
52	CM	Toluene	0.947	0.907	4.2#	87	0.00
53	T	t-1,3-Dichloropropene	0.505	0.491	2.8	85	0.00
54	T	cis-1,3-Dichloropropene	0.571	0.534	6.5	84	0.00
55	T	1,1,2-Trichloroethane	0.360	0.345	4.2	88	0.00
56	T	Ethyl methacrylate	0.530	0.542	-2.3	89	0.00
57	T	1,3-Dichloropropane	0.613	0.589	3.9	89	0.00
58	T	2-Chloroethyl Vinyl ether	0.211	0.260	-23.2	96	0.00
59	T	2-Hexanone	0.304	0.324	-6.6	94	0.00
60	T	Dibromochloromethane	0.428	0.409	4.4	89	0.00
61	T	1,2-Dibromoethane	0.371	0.359	3.2	89	0.00
62	S	4-Bromofluorobenzene	0.428	0.435	-1.6	102	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
64	T	Tetrachloroethene	0.362	0.350	3.3	88	0.00
65	PM	Chlorobenzene	1.188	1.117	6.0	87	0.00
66	T	1,1,1,2-Tetrachloroethane	0.402	0.387	3.7	88	0.00
67	C	Ethyl Benzene	2.045	1.978	3.3#	87	0.00
68	T	m/p-Xylenes	0.763	0.744	2.5	87	0.00
69	T	o-Xylene	0.734	0.715	2.6	88	0.00
70	T	Styrene	1.240	1.214	2.1	86	0.00
71	P	Bromoform	0.302	0.301	0.3	90	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	0.00
73	T	Isopropylbenzene	3.913	3.767	3.7	88	0.00
74	T	N-amyl acetate	1.486	1.557	-4.8	92	0.00
75	P	1,1,2,2-Tetrachloroethane	1.149	1.119	2.6	90	0.00
76	T	1,2,3-Trichloropropane	0.917	0.895	2.4	91	0.00
77	T	Bromobenzene	0.955	0.894	6.4	87	0.00
78	T	n-propylbenzene	4.673	4.483	4.1	89	0.00
79	T	2-Chlorotoluene	2.825	2.661	5.8	88	0.00
80	T	1,3,5-Trimethylbenzene	3.219	3.074	4.5	88	0.00
81	T	trans-1,4-Dichloro-2-butene	0.178	0.178	0.0	92	0.00
82	T	4-Chlorotoluene	3.330	3.105	6.8	88	0.00
83	T	tert-Butylbenzene	3.212	3.076	4.2	87	0.00
84	T	1,2,4-Trimethylbenzene	3.219	3.108	3.4	87	0.00
85	T	sec-Butylbenzene	3.981	3.883	2.5	90	0.00
86	T	p-Isopropyltoluene	3.369	3.237	3.9	89	0.00
87	T	1,3-Dichlorobenzene	1.825	1.690	7.4	87	0.00
88	T	1,4-Dichlorobenzene	1.877	1.698	9.5	88	0.00
89	T	n-Butylbenzene	3.133	3.018	3.7	90	0.00
90	T	Hexachloroethane	0.591	0.574	2.9	90	0.00
91	T	1,2-Dichlorobenzene	1.733	1.602	7.6	88	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.222	0.229	-3.2	95	0.00
93	T	1,2,4-Trichlorobenzene	1.161	1.096	5.6	91	0.00
94	T	Hexachlorobutadiene	0.413	0.384	7.0	97	0.00
95	T	Naphthalene	3.319	3.381	-1.9	92	0.00

Sample Results: **VX047398.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
Data File : VX047398.D
Acq On : 18 Aug 2025 20:57
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Aug 19 01:51:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.095	1.036	5.4	91	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Sample Results: **VX047398.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
Data File : VX047398.D
Acq On : 18 Aug 2025 20:57
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Aug 19 01:51:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 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	100	0.00
2	T	Dichlorodifluoromethane	50.000	49.690	0.6	87	0.00
3	P	Chloromethane	50.000	49.117	1.8	90	0.00
4	C	Vinyl Chloride	50.000	46.841	6.3#	84	0.00
5	T	Bromomethane	50.000	30.200	39.6#	52	0.00
6	T	Chloroethane	50.000	47.923	4.2	91	0.00
7	T	Trichlorofluoromethane	50.000	47.704	4.6	86	0.00
8	T	Diethyl Ether	50.000	47.576	4.8	86	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.921	2.2	87	0.00
10	T	Methyl Iodide	50.000	27.512	45.0#	50	0.00
11	T	Tert butyl alcohol	250.000	282.575	-13.0	101	0.00
12	CM	1,1-Dichloroethene	50.000	47.039	5.9#	85	0.00
13	T	Acrolein	250.000	14.590	94.2#	6	0.00
14	T	Allyl chloride	50.000	41.586	16.8	75	0.00
15	T	Acrylonitrile	250.000	258.742	-3.5	90	0.00
16	T	Acetone	250.000	238.203	4.7	90	0.00
17	T	Carbon Disulfide	50.000	46.840	6.3	89	0.00
18	T	Methyl Acetate	50.000	54.297	-8.6	96	0.00
19	T	Methyl tert-butyl Ether	50.000	49.516	1.0	87	0.00
20	T	Methylene Chloride	50.000	47.329	5.3	87	0.00
21	T	trans-1,2-Dichloroethene	50.000	46.767	6.5	86	0.00
22	T	Diisopropyl ether	50.000	49.473	1.1	87	0.00
23	T	Vinyl Acetate	250.000	246.075	1.6	86	0.00
24	P	1,1-Dichloroethane	50.000	47.957	4.1	86	0.00
25	T	2-Butanone	250.000	265.075	-6.0	94	0.00
26	T	2,2-Dichloropropane	50.000	39.808	20.4	72	0.00
27	T	cis-1,2-Dichloroethene	50.000	47.114	5.8	87	0.00
28	T	Bromochloromethane	50.000	48.810	2.4	92	0.00
29	T	Tetrahydrofuran	250.000	266.507	-6.6	97	0.00
30	C	Chloroform	50.000	47.982	4.0#	88	0.00
31	T	Cyclohexane	50.000	47.287	5.4	88	0.00
32	T	1,1,1-Trichloroethane	50.000	47.909	4.2	86	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.620	-1.2	101	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	101	0.00
35	S	Dibromofluoromethane	50.000	50.669	-1.3	100	0.00
36	T	1,1-Dichloropropene	50.000	47.627	4.7	88	0.00
37	T	Ethyl Acetate	50.000	48.337	3.3	88	0.00
38	T	Carbon Tetrachloride	50.000	47.116	5.8	88	0.00
39	T	Methylcyclohexane	50.000	47.227	5.5	88	0.00
40	TM	Benzene	50.000	47.641	4.7	87	0.00
41	T	Methacrylonitrile	50.000	50.045	-0.1	88	0.00
42	TM	1,2-Dichloroethane	50.000	47.640	4.7	87	0.00
43	T	Isopropyl Acetate	50.000	50.686	-1.4	90	0.00
44	TM	Trichloroethene	50.000	47.029	5.9	86	0.00
45	C	1,2-Dichloropropane	50.000	47.663	4.7#	88	0.00
46	T	Dibromomethane	50.000	47.328	5.3	88	0.00
47	T	Bromodichloromethane	50.000	47.489	5.0	87	0.00
48	T	Methyl methacrylate	50.000	50.264	-0.5	90	0.00

Sample Results: **VX047398.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
Data File : VX047398.D
Acq On : 18 Aug 2025 20:57
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Aug 19 01:51:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 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	1070.636	-7.1	93	0.00
50	S	Toluene-d8	50.000	49.733	0.5	99	0.00
51	T	4-Methyl-2-Pentanone	250.000	265.854	-6.3	93	0.00
52	CM	Toluene	50.000	47.866	4.3#	87	0.00
53	T	t-1,3-Dichloropropene	50.000	48.624	2.8	85	0.00
54	T	cis-1,3-Dichloropropene	50.000	46.750	6.5	84	0.00
55	T	1,1,2-Trichloroethane	50.000	47.906	4.2	88	0.00
56	T	Ethyl methacrylate	50.000	51.063	-2.1	89	0.00
57	T	1,3-Dichloropropane	50.000	48.073	3.9	89	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	256.065	-2.4	96	0.00
59	T	2-Hexanone	250.000	266.477	-6.6	94	0.00
60	T	Dibromochloromethane	50.000	47.846	4.3	89	0.00
61	T	1,2-Dibromoethane	50.000	48.409	3.2	89	0.00
62	S	4-Bromofluorobenzene	50.000	50.769	-1.5	102	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	101	0.00
64	T	Tetrachloroethene	50.000	48.383	3.2	88	0.00
65	PM	Chlorobenzene	50.000	47.020	6.0	87	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.203	3.6	88	0.00
67	C	Ethyl Benzene	50.000	48.350	3.3#	87	0.00
68	T	m/p-Xylenes	100.000	97.575	2.4	87	0.00
69	T	o-Xylene	50.000	48.711	2.6	88	0.00
70	T	Styrene	50.000	48.950	2.1	86	0.00
71	P	Bromoform	50.000	49.800	0.4	90	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.00
73	T	Isopropylbenzene	50.000	48.136	3.7	88	0.00
74	T	N-amyl acetate	50.000	52.388	-4.8	92	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.688	2.6	90	0.00
76	T	1,2,3-Trichloropropane	50.000	48.801	2.4	91	0.00
77	T	Bromobenzene	50.000	46.788	6.4	87	0.00
78	T	n-propylbenzene	50.000	47.963	4.1	89	0.00
79	T	2-Chlorotoluene	50.000	47.097	5.8	88	0.00
80	T	1,3,5-Trimethylbenzene	50.000	47.736	4.5	88	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	43.382	13.2	92	0.00
82	T	4-Chlorotoluene	50.000	46.629	6.7	88	0.00
83	T	tert-Butylbenzene	50.000	47.888	4.2	87	0.00
84	T	1,2,4-Trimethylbenzene	50.000	48.276	3.4	87	0.00
85	T	sec-Butylbenzene	50.000	48.776	2.4	90	0.00
86	T	p-Isopropyltoluene	50.000	48.046	3.9	89	0.00
87	T	1,3-Dichlorobenzene	50.000	46.289	7.4	87	0.00
88	T	1,4-Dichlorobenzene	50.000	45.233	9.5	88	0.00
89	T	n-Butylbenzene	50.000	48.167	3.7	90	0.00
90	T	Hexachloroethane	50.000	48.527	2.9	90	0.00
91	T	1,2-Dichlorobenzene	50.000	46.240	7.5	88	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	51.455	-2.9	95	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.190	5.6	91	0.00
94	T	Hexachlorobutadiene	50.000	46.449	7.1	97	0.00
95	T	Naphthalene	50.000	50.928	-1.9	92	0.00

Sample Results: **VX047398.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
Data File : VX047398.D
Acq On : 18 Aug 2025 20:57
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Aug 19 01:51:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.311	5.4	91	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

QC SAMPLE DATA

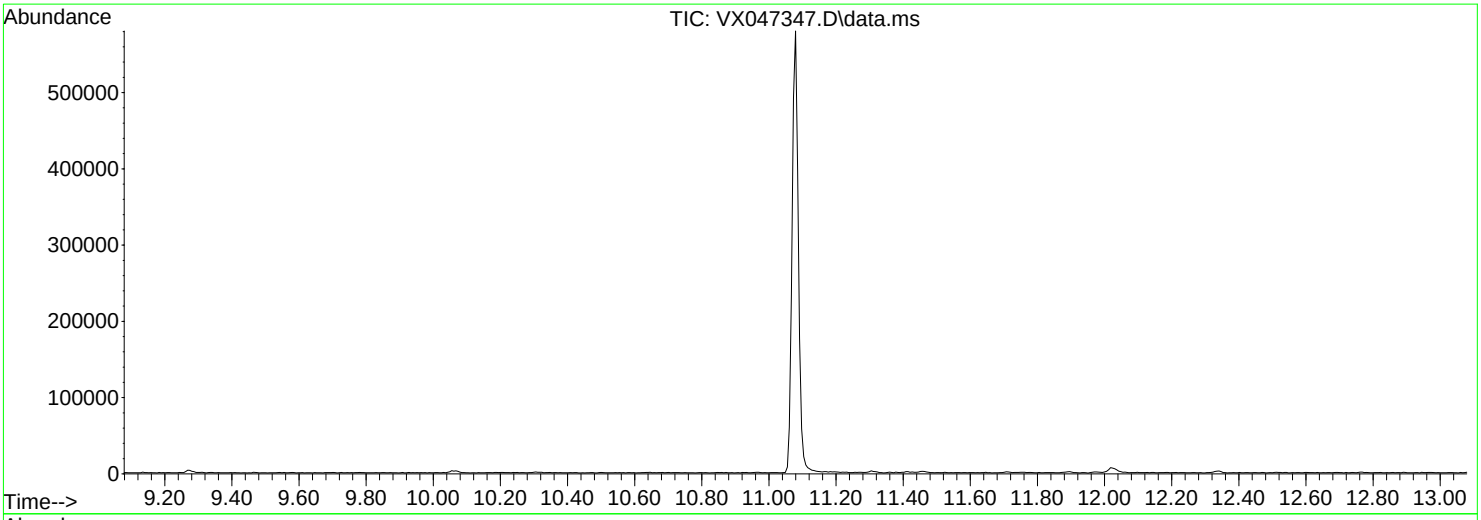
Sample Results: **VX047347.D**

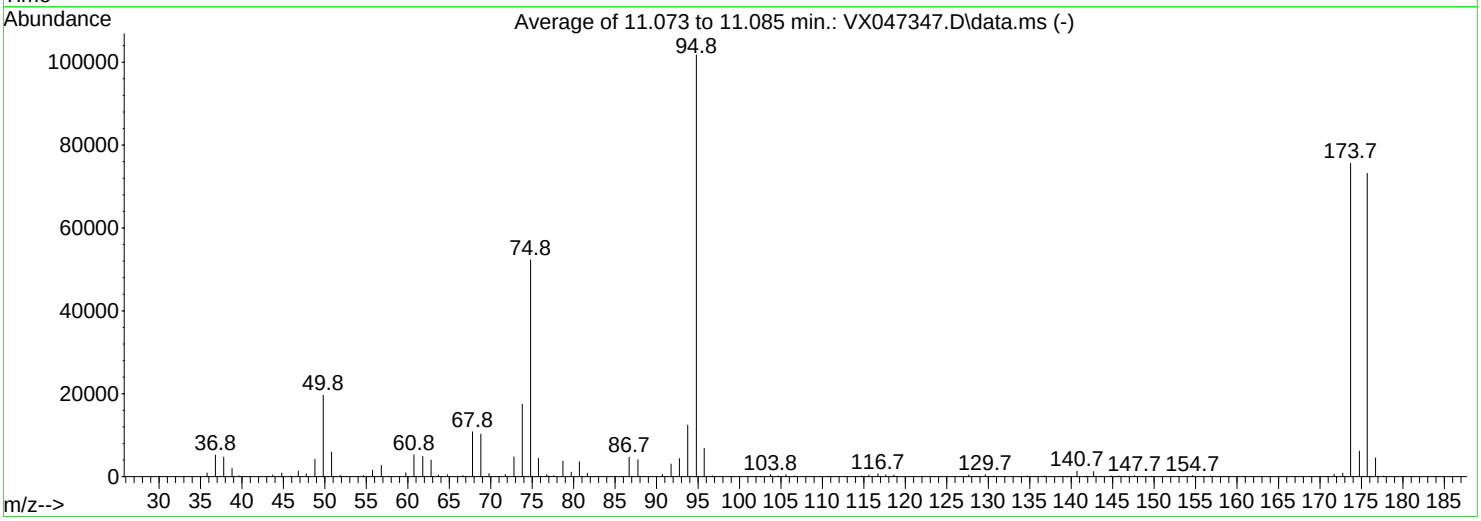
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047347.D
Acq On : 15 Aug 2025 08:28
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Title : SW846 8260
Last Update : Mon Aug 18 04:18:28 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	19.3	19650	PASS
75	95	30	60	51.4	52320	PASS
95	95	100	100	100.0	101773	PASS
96	95	5	9	6.7	6795	PASS
173	174	0.00	2	1.1	867	PASS
174	95	50	100	74.3	75603	PASS
175	174	5	9	8.2	6186	PASS
176	174	95	101	96.8	73213	PASS
177	176	5	9	6.2	4510	PASS

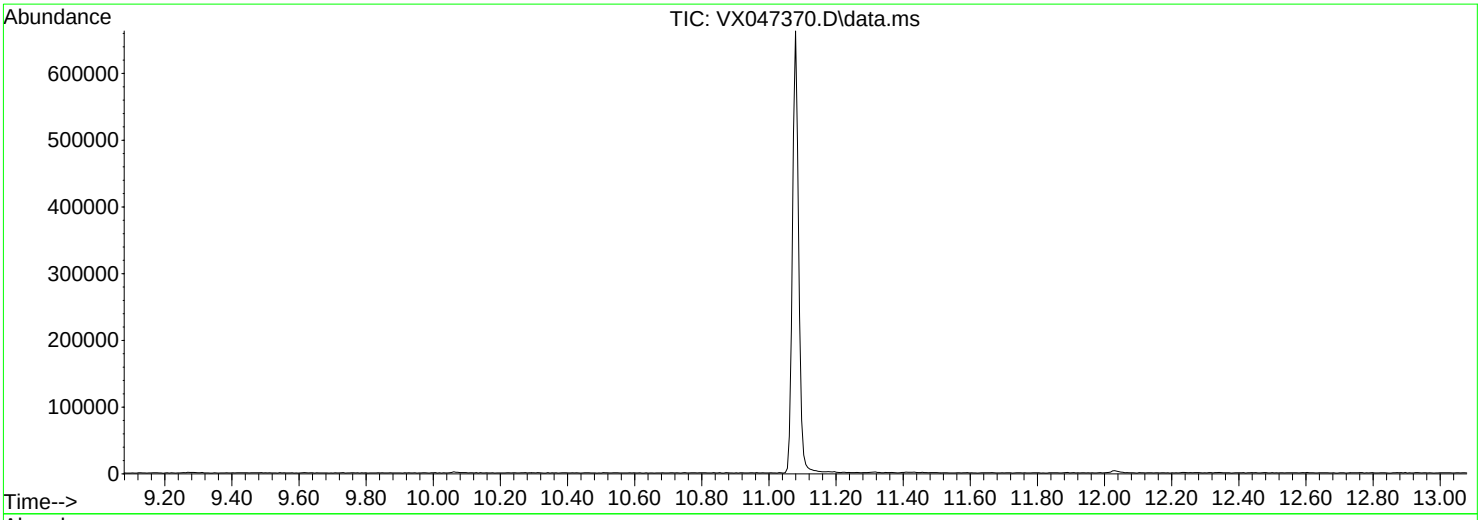
Sample Results: **VX047370.D**

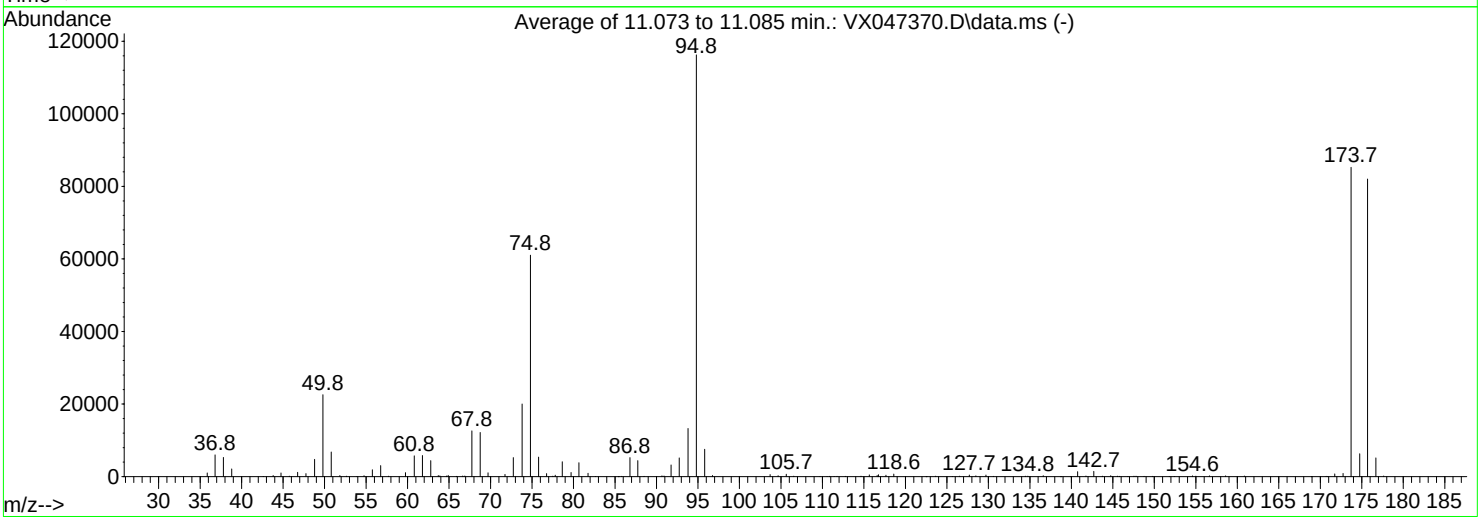
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
Data File : VX047370.D
Acq On : 18 Aug 2025 09:32
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Title : SW846 8260
Last Update : Mon Aug 18 04:18:28 2025





AutoFind: Scans 1638, 1639, 1640; Background Corrected with Scan 1631

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.4	22584	PASS
75	95	30	60	52.5	61051	PASS
95	95	100	100	100.0	116251	PASS
96	95	5	9	6.5	7552	PASS
173	174	0.00	2	1.0	866	PASS
174	95	50	100	73.3	85264	PASS
175	174	5	9	7.4	6293	PASS
176	174	95	101	96.2	82027	PASS
177	176	5	9	6.3	5172	PASS

Raw Data: **VX047358.D**

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VX0815WBL01	SDG No.:	Q2886
Lab Sample ID:	VX0815WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047358.D	1	08/15/25 13:39	VX081525

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

Raw Data: **VX047358.D**

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VX0815WBL01	SDG No.:	Q2886
Lab Sample ID:	VX0815WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047358.D	1	08/15/25 13:39	VX081525

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	54.4		80 - 119		109%	SPK: 50
2037-26-5	Toluene-d8	51.5		89 - 112		103%	SPK: 50
460-00-4	4-Bromofluorobenzene	57.2		85 - 114		114%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	213000	5.562				
540-36-3	1,4-Difluorobenzene	414000	6.763				
3114-55-4	Chlorobenzene-d5	397000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	195000	12.018				

Raw Data: **VX047358.D**

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VX0815WBL01	SDG No.:	Q2886
Lab Sample ID:	VX0815WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047358.D	1	08/15/25 13:39	VX081525

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\VX081525\
Data File : VX047358.D
Acq On : 15 Aug 2025 13:39
Operator : JC/MD
Sample : VX0815WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBL01

Quant Time: Aug 18 04:31:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

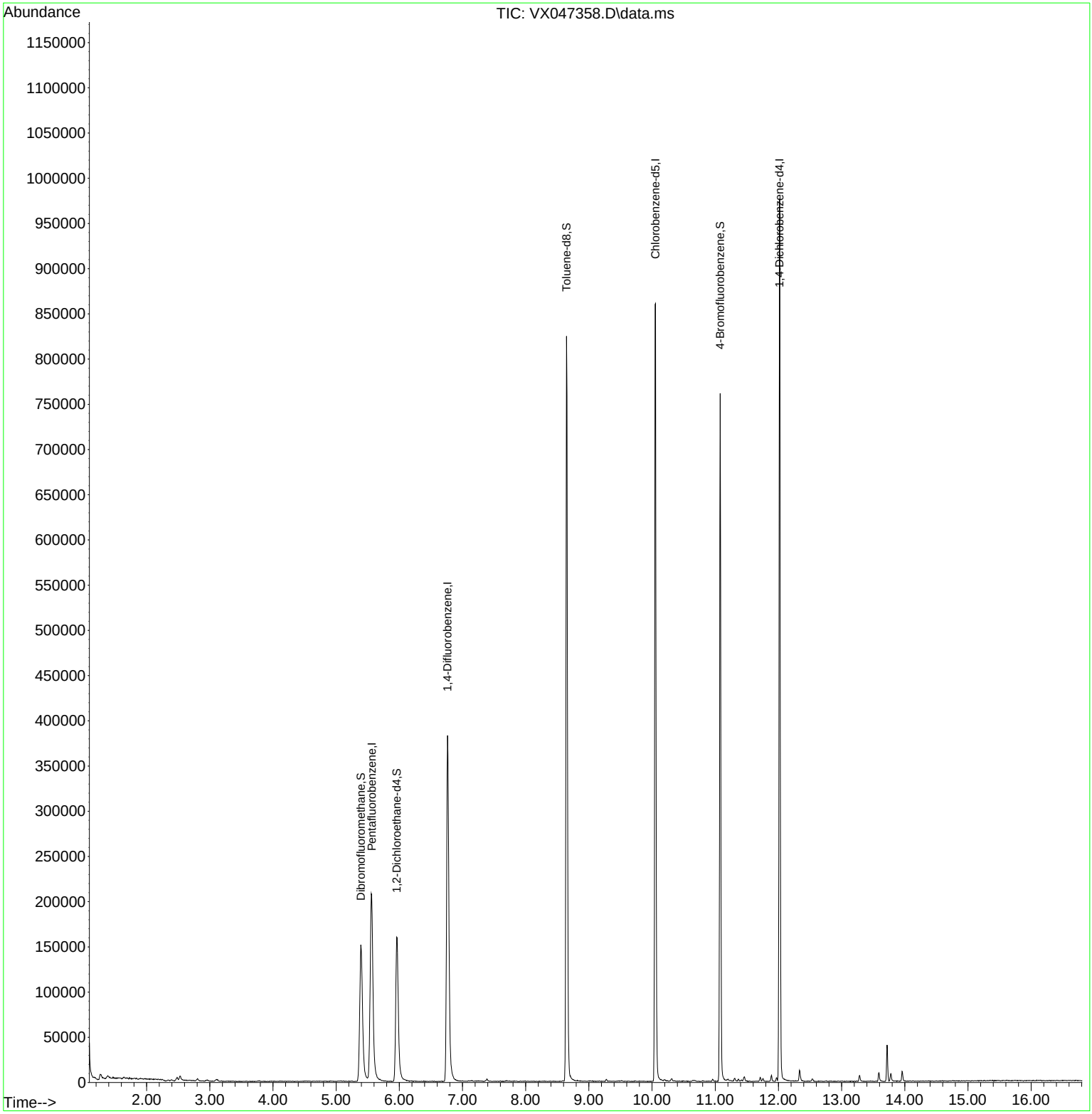
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	213035	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	413649	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	396719	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	194794	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	170884	57.315	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 114.620%			
35) Dibromofluoromethane	5.391	113	145936	54.360	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.720%			
50) Toluene-d8	8.647	98	494208	51.504	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.000%			
62) 4-Bromofluorobenzene	11.079	95	202494	57.186	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.380%			
Target Compounds						Qvalue

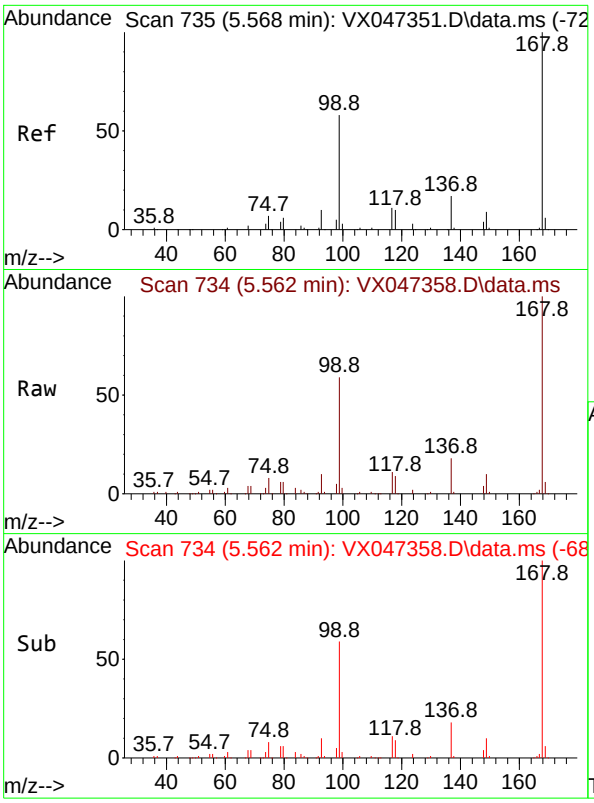
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047358.D
Acq On : 15 Aug 2025 13:39
Operator : JC/MD
Sample : VX0815WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBL01

Quant Time: Aug 18 04:31:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration



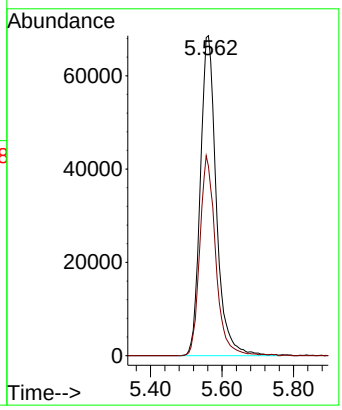


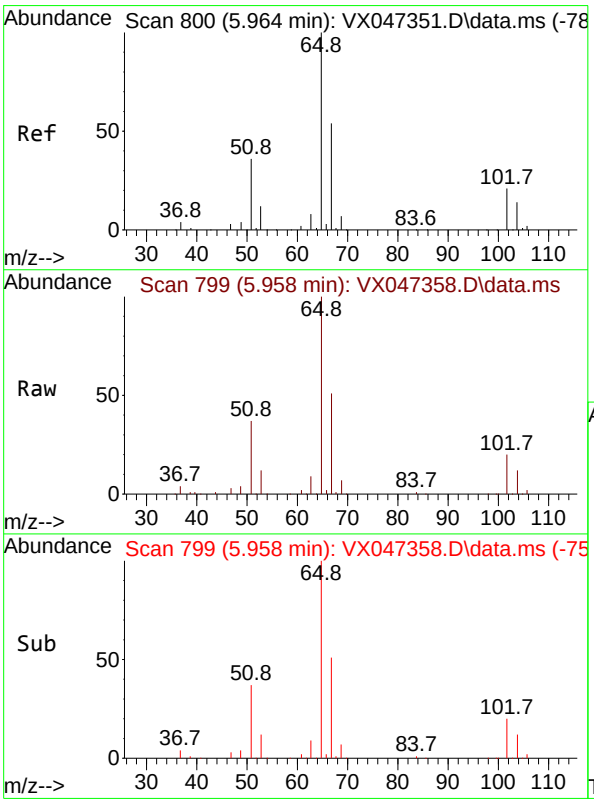
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047358.D
Acq: 15 Aug 2025 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBL01

Tgt Ion:168 Resp: 213035

Ion	Ratio	Lower	Upper
168	100		
99	59.2	47.9	71.9

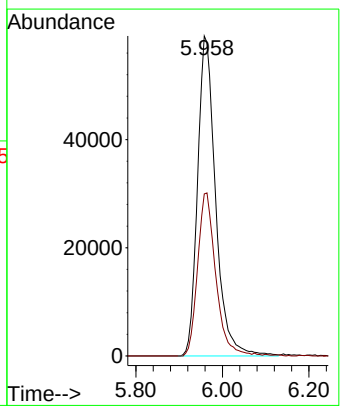


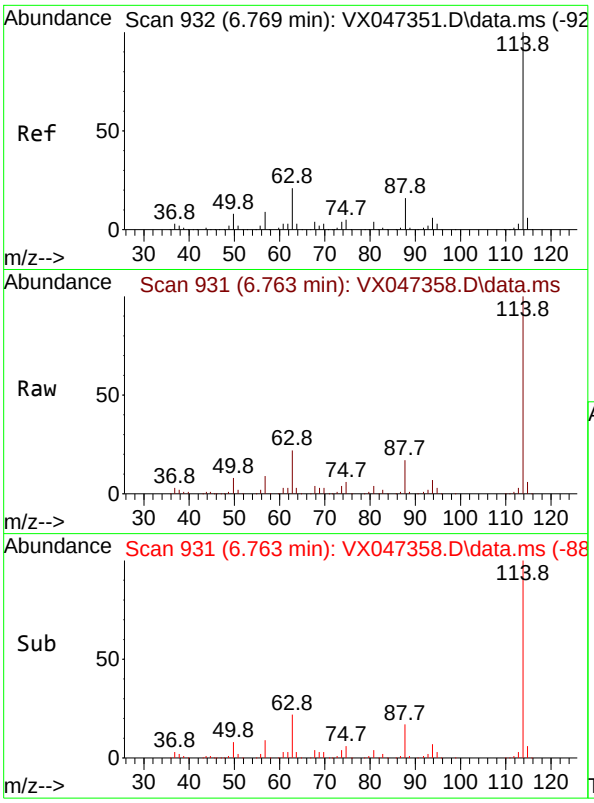


#33
1,2-Dichloroethane-d4
Concen: 57.315 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX047358.D
Acq: 15 Aug 2025 13:39

Tgt Ion: 65 Resp: 170884

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	106.0



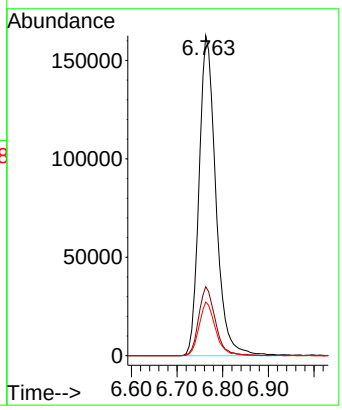


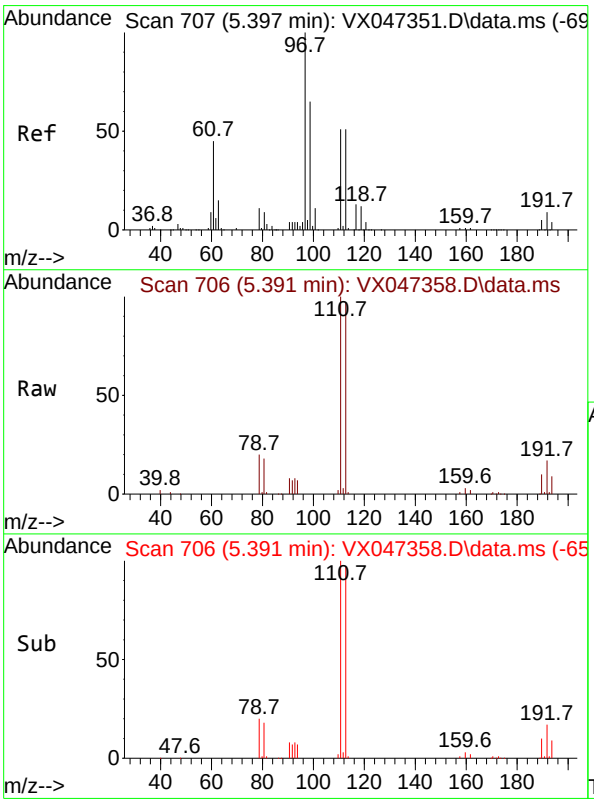
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX047358.D
Acq: 15 Aug 2025 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBL01

Tgt Ion:114 Resp: 413649

Ion	Ratio	Lower	Upper
114	100		
63	24.6	0.0	42.4
88	16.8	0.0	33.0

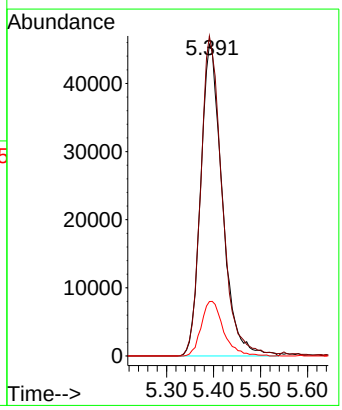


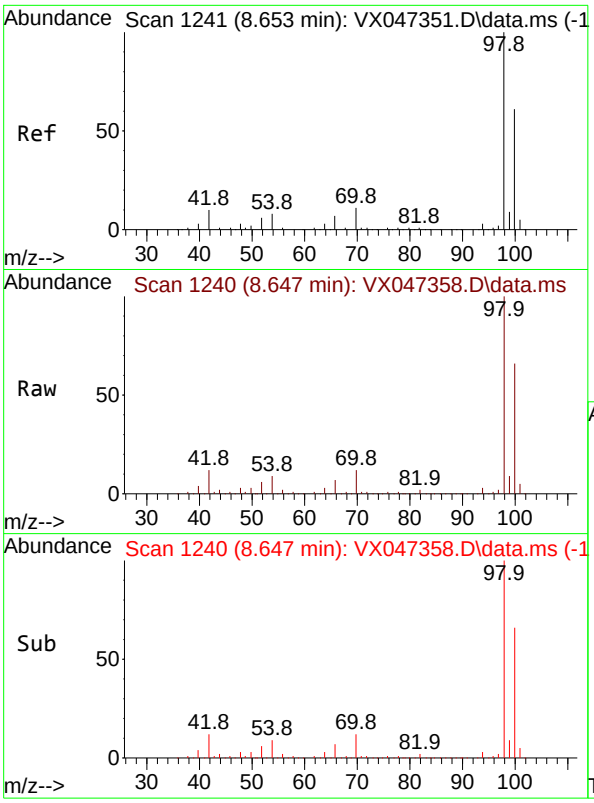


#35
Dibromofluoromethane
Concen: 54.360 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047358.D
Acq: 15 Aug 2025 13:39

Tgt Ion:113 Resp: 145936

Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.4	122.2
192	18.0	14.1	21.1



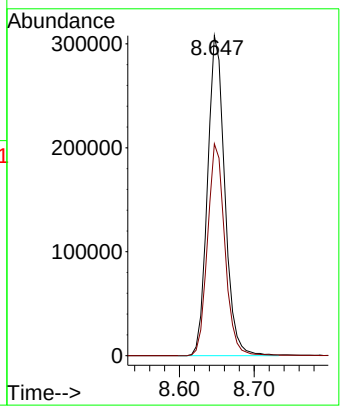


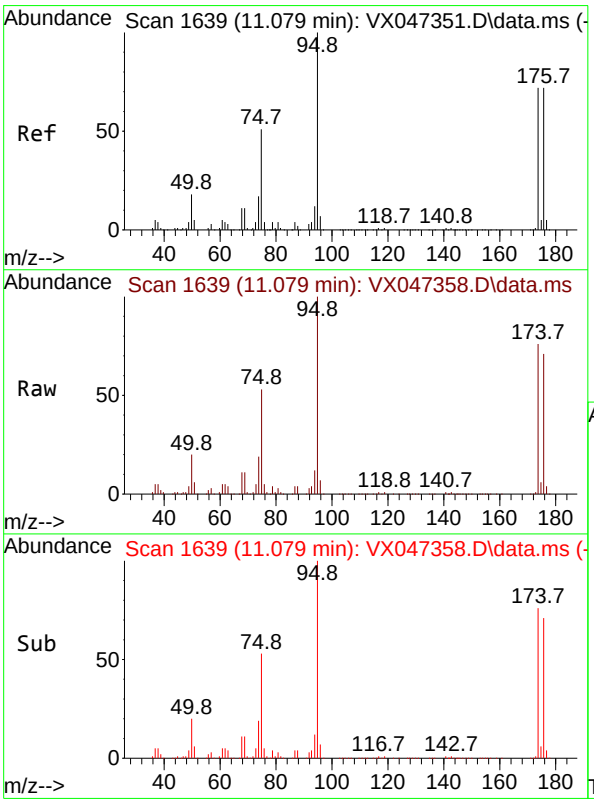
#50
Toluene-d8
Concen: 51.504 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047358.D
Acq: 15 Aug 2025 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBL01

Tgt Ion: 98 Resp: 494208

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.9	80.9

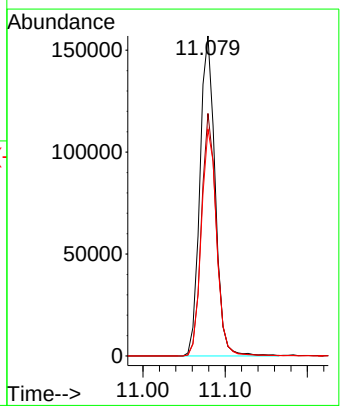


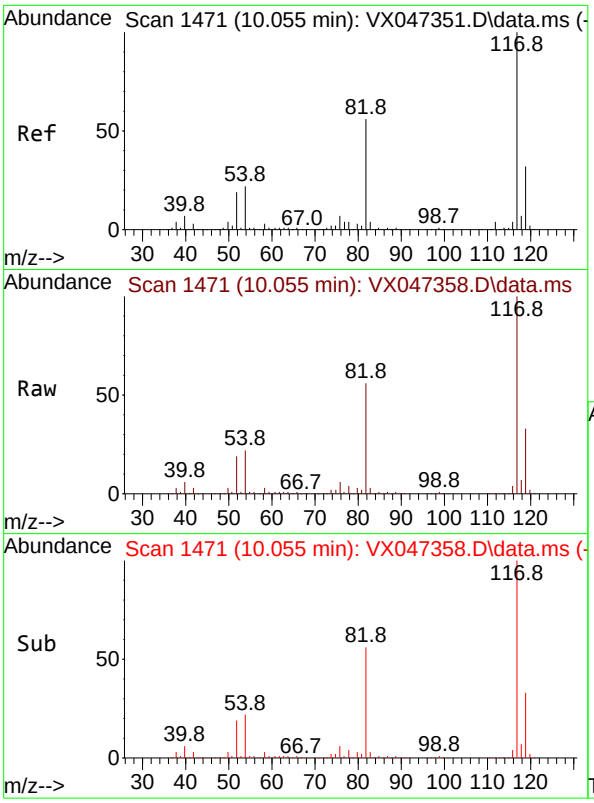


#62
4-Bromofluorobenzene
Concen: 57.186 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047358.D
Acq: 15 Aug 2025 13:39

Tgt Ion: 95 Resp: 202494

Ion	Ratio	Lower	Upper
95	100		
174	74.2	0.0	148.0
176	71.1	0.0	145.4



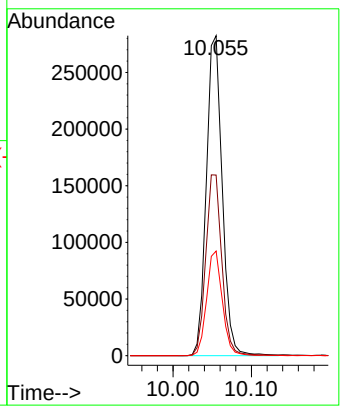


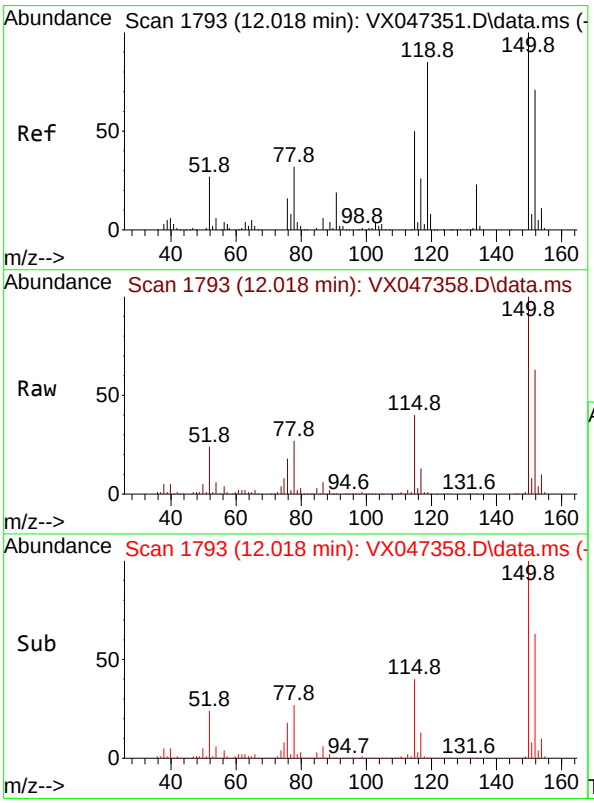
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047358.D
Acq: 15 Aug 2025 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBL01

Tgt Ion:117 Resp: 396719

Ion	Ratio	Lower	Upper
117	100		
82	56.4	45.0	67.4
119	32.7	25.8	38.8

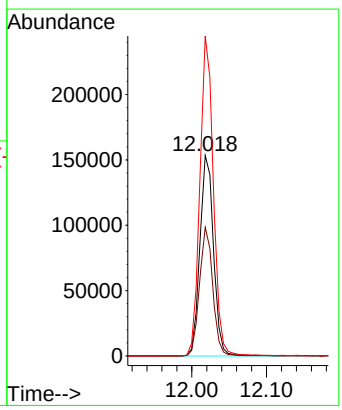




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX047358.D
Acq: 15 Aug 2025 13:39

Tgt Ion:152 Resp: 194794

Ion	Ratio	Lower	Upper
152	100		
115	62.6	44.6	133.8
150	157.1	0.0	349.8



Sample Results: **VX047358.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047358.D
Acq On : 15 Aug 2025 13:39
Operator : JC/MD
Sample : VX0815WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBL01

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Title : SW846 8260

Signal : TIC: VX047358.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.391	696	706	723	rBV2	150982	474930	35.53%	6.396%
2	5.556	723	733	755	rVB	205929	640810	47.94%	8.630%
3	5.958	788	799	825	rBV	159726	472544	35.35%	6.364%
4	6.763	922	931	951	rBV	382539	976823	73.07%	13.155%
5	8.647	1233	1240	1256	rBV	823805	1336798	100.00%	18.002%
6	10.055	1465	1471	1484	rBV	859951	1240296	92.78%	16.703%
7	11.079	1634	1639	1654	rBV	760219	966832	72.32%	13.020%
8	12.018	1788	1793	1805	rBV	974831	1221413	91.37%	16.448%
9	12.335	1841	1845	1851	rBV2	11761	17060	1.28%	0.230%
10	13.591	2047	2051	2056	rBV3	9592	13956	1.04%	0.188%
11	13.719	2067	2072	2077	rBV2	40230	49768	3.72%	0.670%
12	13.957	2107	2111	2118	rBV2	10783	14453	1.08%	0.195%

Sum of corrected areas: 7425683

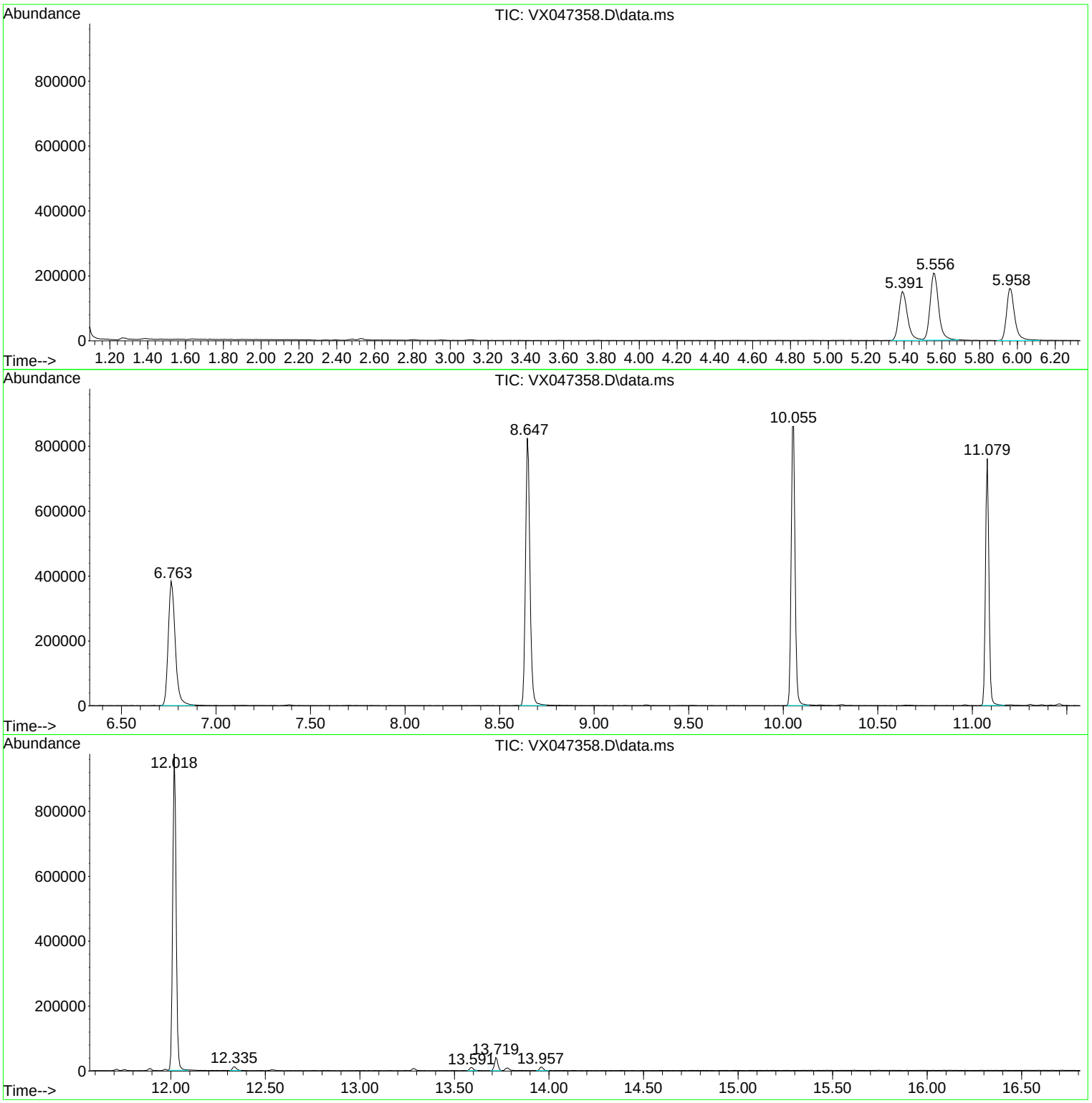
Sample Results: **VX047358.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047358.D
Acq On : 15 Aug 2025 13:39
Operator : JC/MD
Sample : VX0815WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260

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



Library Search Compound Report

Sample Results: **VX047358.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047358.D
Acq On : 15 Aug 2025 13:39
Operator : JC/MD
Sample : VX0815WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047358.D
Acq On : 15 Aug 2025 13:39
Operator : JC/MD
Sample : VX0815WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260

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

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

Raw Data: **VX047373.D**

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VX0818WBL01	SDG No.:	Q2886
Lab Sample ID:	VX0818WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047373.D	1	08/18/25 11:50	VX081825

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

Raw Data: **VX047373.D**

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VX0818WBL01	SDG No.:	Q2886
Lab Sample ID:	VX0818WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047373.D	1	08/18/25 11:50	VX081825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.50	U	0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	2.50	U	0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.50	U	0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	0.50	U	0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	1.00	U	0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	0.50	U	0.12	0.50	1.00	ug/L
100-42-5	Styrene	0.50	U	0.15	0.50	1.00	ug/L
75-25-2	Bromoform	0.50	U	0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.75	U	0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	54.1		81 - 118		108%	SPK: 50
1868-53-7	Dibromofluoromethane	50.9		80 - 119		102%	SPK: 50
2037-26-5	Toluene-d8	50.2		89 - 112		100%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.1		85 - 114		112%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	325000	5.562				
540-36-3	1,4-Difluorobenzene	631000	6.763				
3114-55-4	Chlorobenzene-d5	620000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	309000	12.018				

Raw Data: **VX047373.D**

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VX0818WBL01	SDG No.:	Q2886
Lab Sample ID:	VX0818WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047373.D	1	08/18/25 11:50	VX081825

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\VX081825\
Data File : VX047373.D
Acq On : 18 Aug 2025 11:50
Operator : JC/MD
Sample : VX0818WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBL01

Quant Time: Aug 19 01:38:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

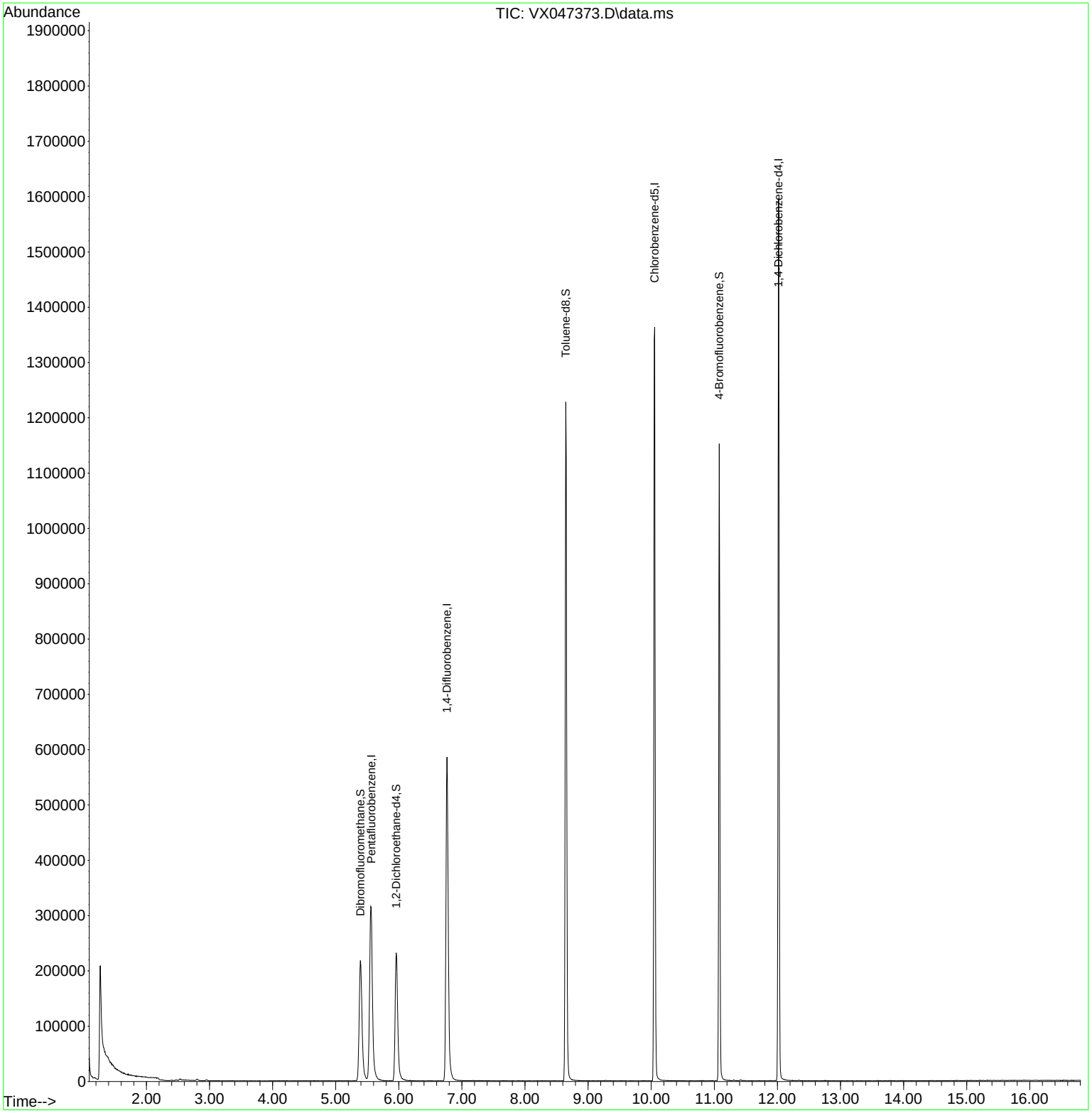
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	325331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	630884	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	620229	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	309313	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	246116	54.054	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.100%			
35) Dibromofluoromethane	5.391	113	208435	50.906	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.820%			
50) Toluene-d8	8.647	98	734400	50.182	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.360%			
62) 4-Bromofluorobenzene	11.079	95	302912	56.089	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.180%			
Target Compounds						Qvalue

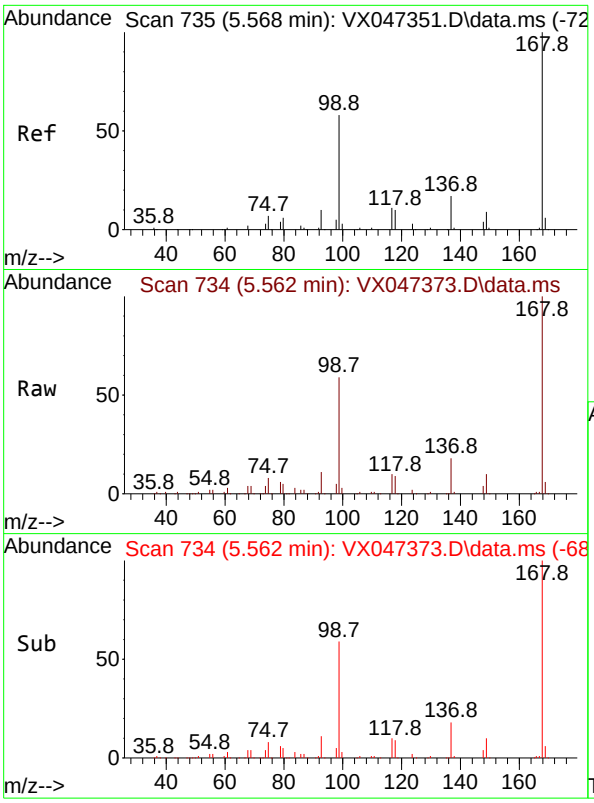
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
Data File : VX047373.D
Acq On : 18 Aug 2025 11:50
Operator : JC/MD
Sample : VX0818WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBL01

Quant Time: Aug 19 01:38:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration



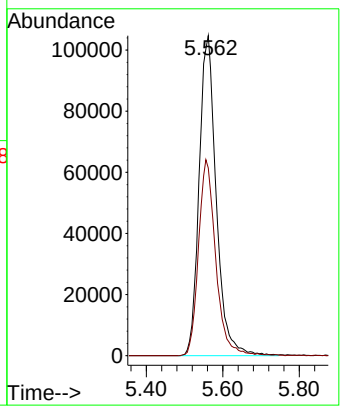


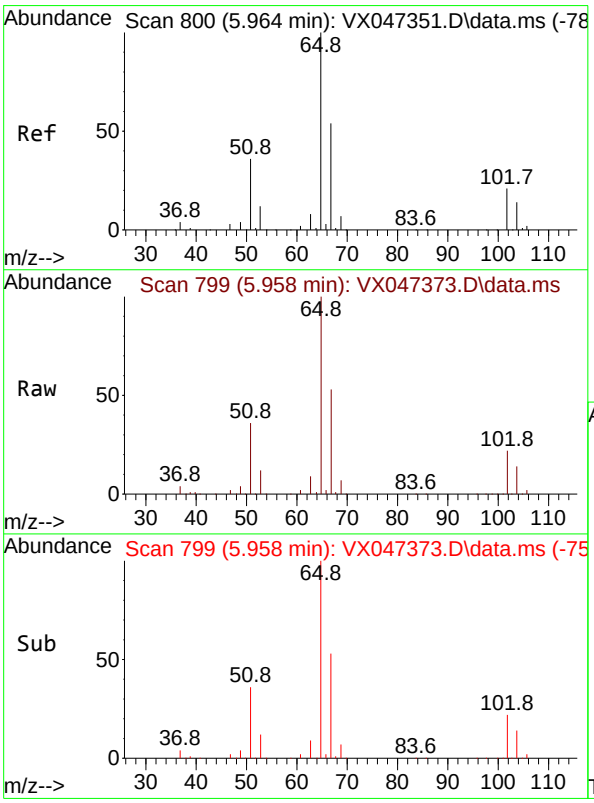
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047373.D
Acq: 18 Aug 2025 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBL01

Tgt Ion:168 Resp: 325331

Ion	Ratio	Lower	Upper
168	100		
99	58.7	47.9	71.9

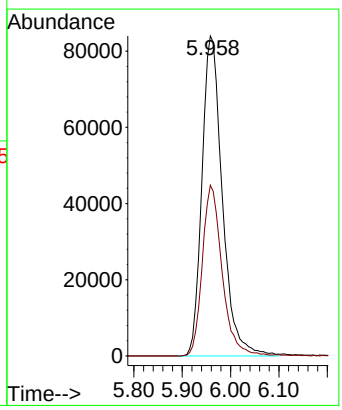


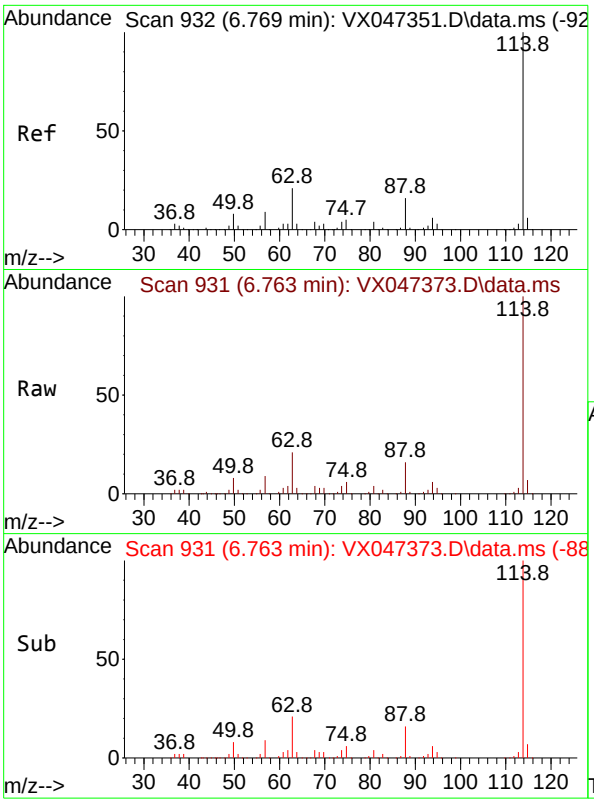


#33
1,2-Dichloroethane-d4
Concen: 54.054 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX047373.D
Acq: 18 Aug 2025 11:50

Tgt Ion: 65 Resp: 246116

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	106.0



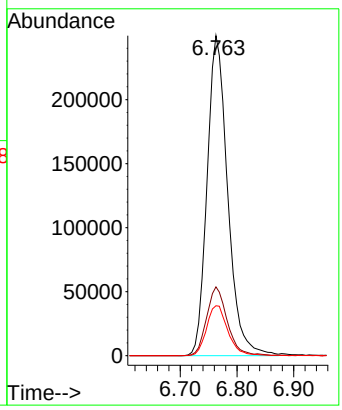


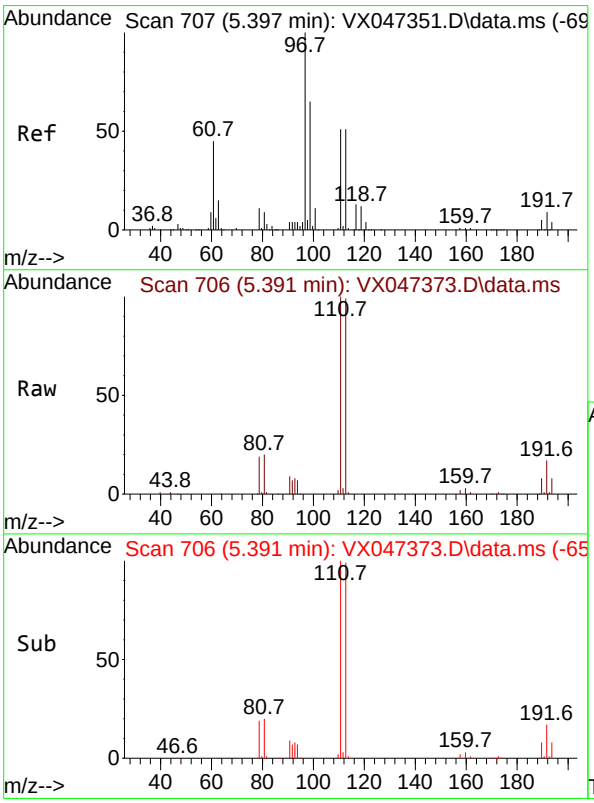
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX047373.D
Acq: 18 Aug 2025 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBL01

Tgt Ion:114 Resp: 630884

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	42.4
88	15.6	0.0	33.0

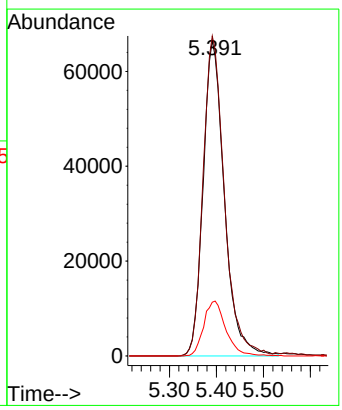


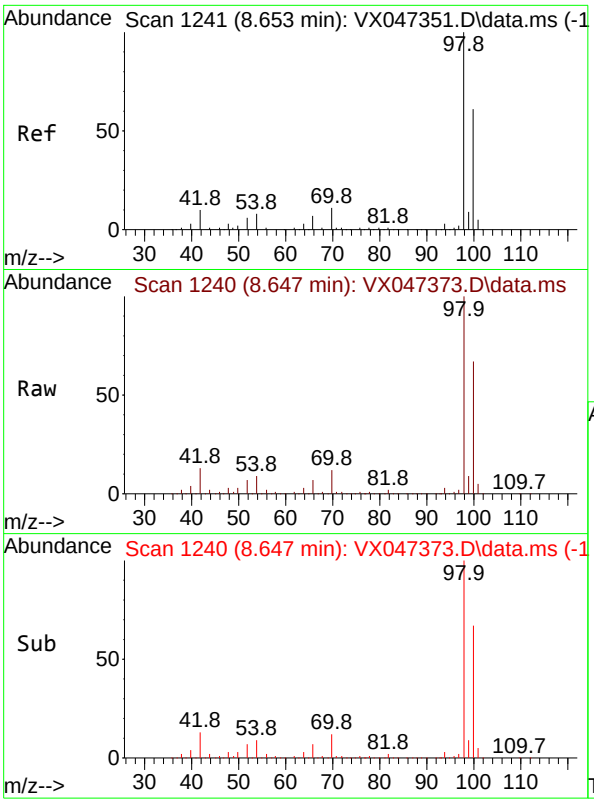


#35
Dibromofluoromethane
Concen: 50.906 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047373.D
Acq: 18 Aug 2025 11:50

Tgt Ion:113 Resp: 208435

Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.4	122.2
192	18.2	14.1	21.1



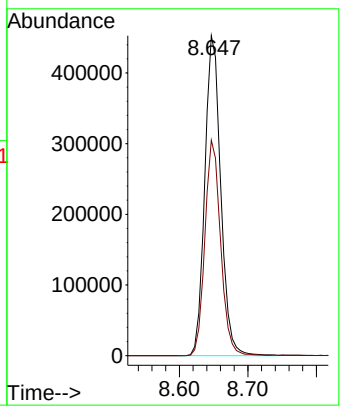


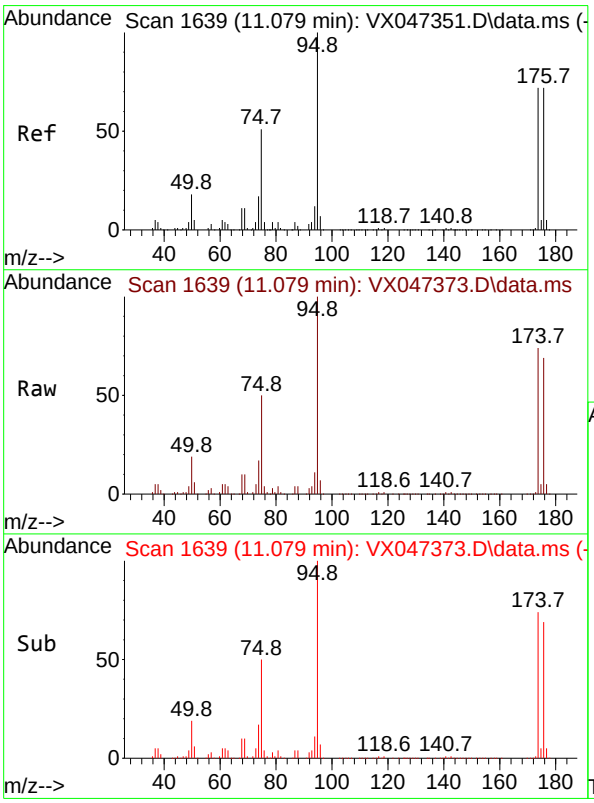
#50
Toluene-d8
Concen: 50.182 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047373.D
Acq: 18 Aug 2025 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBL01

Tgt Ion: 98 Resp: 734400

Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.9	80.9

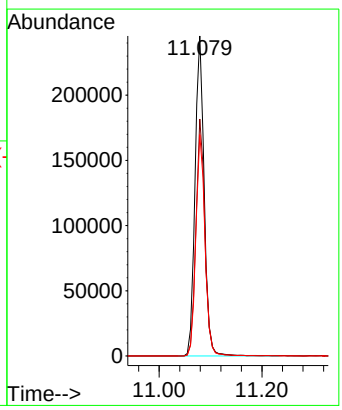


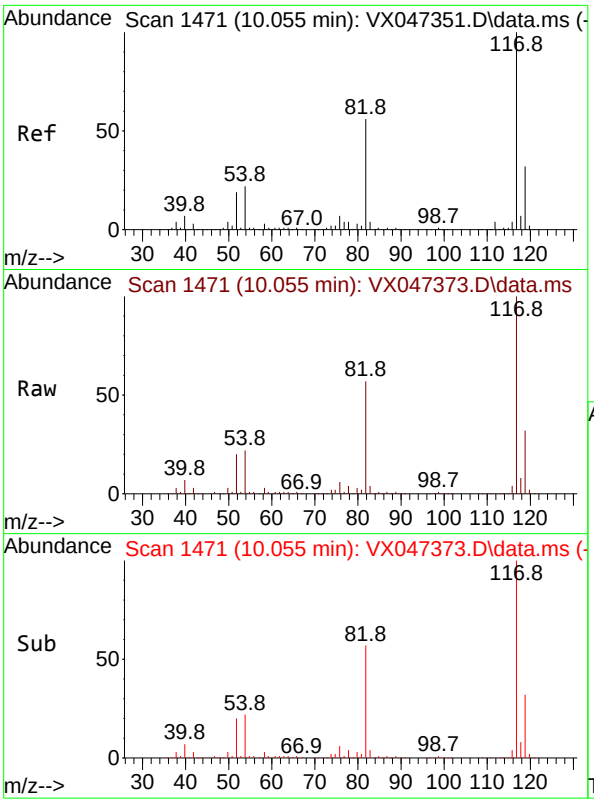


#62
4-Bromofluorobenzene
Concen: 56.089 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047373.D
Acq: 18 Aug 2025 11:50

Tgt Ion: 95 Resp: 302912

Ion	Ratio	Lower	Upper
95	100		
174	73.2	0.0	148.0
176	69.2	0.0	145.4



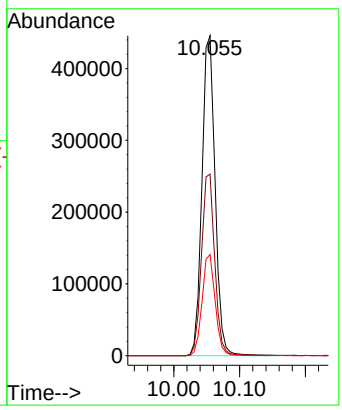


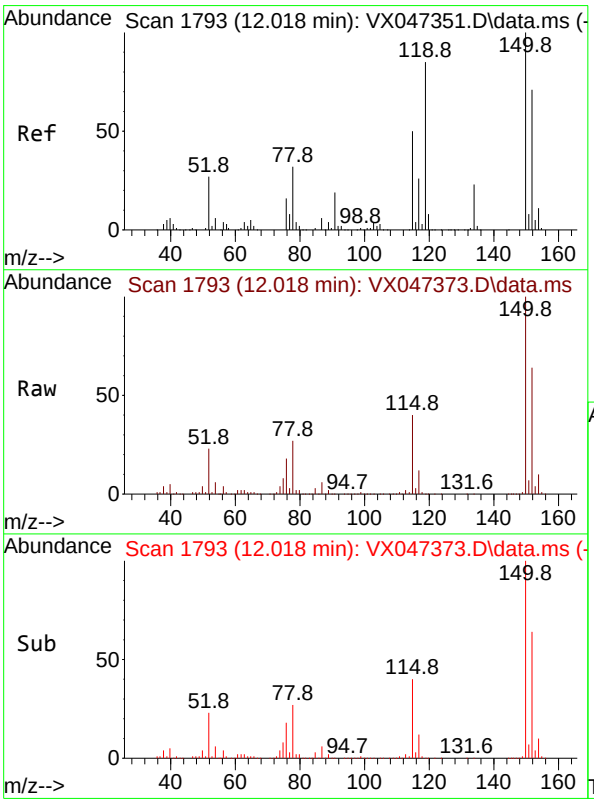
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047373.D
Acq: 18 Aug 2025 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBL01

Tgt Ion:117 Resp: 620229

Ion	Ratio	Lower	Upper
117	100		
82	56.7	45.0	67.4
119	31.6	25.8	38.8

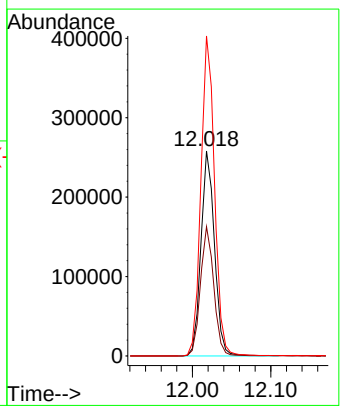




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX047373.D
Acq: 18 Aug 2025 11:50

Tgt Ion:152 Resp: 309313

Ion	Ratio	Lower	Upper
152	100		
115	62.8	44.6	133.8
150	157.1	0.0	349.8



Sample Results: **VX047373.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
Data File : VX047373.D
Acq On : 18 Aug 2025 11:50
Operator : JC/MD
Sample : VX0818WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBL01

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Title : SW846 8260

Signal : TIC: VX047373.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.270	24	30	55	rBV	204938	757724	38.16%	6.391%
2	5.391	695	706	722	rBV3	217329	683282	34.41%	5.763%
3	5.556	722	733	754	rVB2	313039	984611	49.59%	8.304%
4	5.958	790	799	819	rBV	231338	668200	33.65%	5.636%
5	6.763	921	931	955	rBV	585476	1505315	75.81%	12.696%
6	8.647	1234	1240	1258	rBV	1227147	1985543	100.00%	16.746%
7	10.055	1465	1471	1488	rBV	1362737	1932188	97.31%	16.296%
8	11.079	1634	1639	1652	rBV	1151426	1425617	71.80%	12.023%
9	12.018	1788	1793	1807	rBV	1594125	1914468	96.42%	16.146%

Sum of corrected areas: 11856948

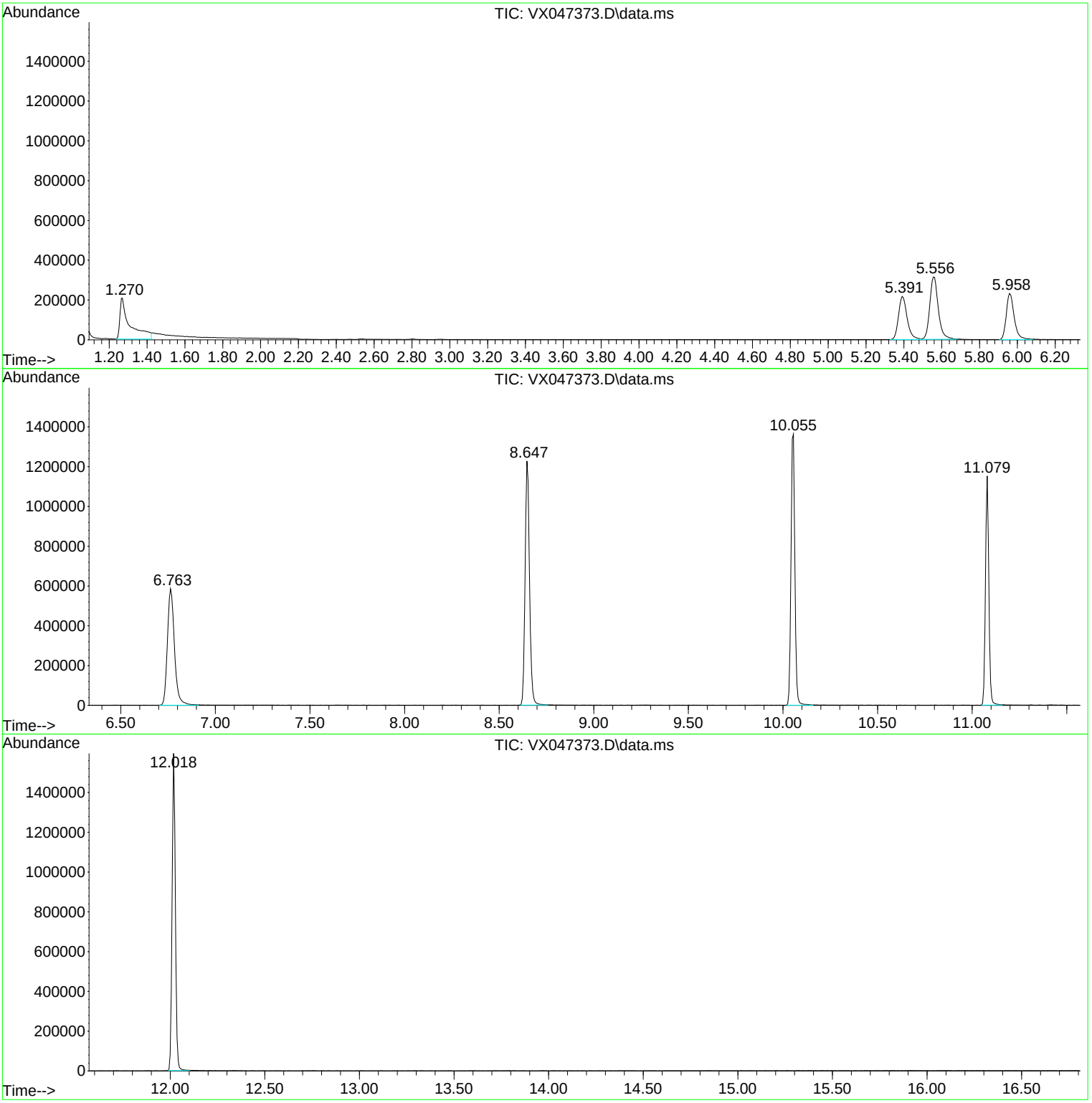
Sample Results: **VX047373.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
Data File : VX047373.D
Acq On : 18 Aug 2025 11:50
Operator : JC/MD
Sample : VX0818WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260

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



Library Search Compound Report

Sample Results: **VX047373.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
Data File : VX047373.D
Acq On : 18 Aug 2025 11:50
Operator : JC/MD
Sample : VX0818WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
Data File : VX047373.D
Acq On : 18 Aug 2025 11:50
Operator : JC/MD
Sample : VX0818WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260

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

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

Raw Data: **VX047360.D**

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VX0815WBS01	SDG No.:	Q2886
Lab Sample ID:	VX0815WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047360.D	1	08/15/25 14:21	VX081525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	17.0		0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	16.0		0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	16.4		0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	18.0		1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	17.2		0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	16.5		0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	17.1		0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	16.8		0.23	0.75	1.00	ug/L
67-64-1	Acetone	97.4		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	16.1		0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	17.1		0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	17.7		0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	16.7		0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	16.8		0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	16.7		0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	16.4		1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	93.4		0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	16.8		0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	16.4		0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	20.3		0.22	0.50	1.00	ug/L
67-66-3	Chloroform	17.2		0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	16.8		0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	16.9		0.16	0.50	1.00	ug/L
71-43-2	Benzene	17.3		0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	17.6		0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	17.1		0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	17.2		0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	17.2		0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	92.0		0.68	2.50	5.00	ug/L
108-88-3	Toluene	17.6		0.14	0.50	1.00	ug/L

Raw Data: **VX047360.D**

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VX0815WBS01	SDG No.:	Q2886
Lab Sample ID:	VX0815WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047360.D	1	08/15/25 14:21	VX081525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	16.9		0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	17.2		0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	17.7		0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	92.3		0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	17.0		0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	17.7		0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	16.9		0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	17.0		0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	17.1		0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	34.7		0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	17.1		0.12	0.50	1.00	ug/L
100-42-5	Styrene	17.8		0.15	0.50	1.00	ug/L
75-25-2	Bromoform	16.9		0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	17.0		0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	17.5		0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	17.0		0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	16.8		0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	17.0		0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	16.9		0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	16.5		0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	16.7		0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	50.5		81 - 118		101%	SPK: 50
1868-53-7	Dibromofluoromethane	50.3		80 - 119		101%	SPK: 50
2037-26-5	Toluene-d8	50.8		89 - 112		102%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.2		85 - 114		104%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	251000	5.562				
540-36-3	1,4-Difluorobenzene	425000	6.769				
3114-55-4	Chlorobenzene-d5	386000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	195000	12.018				

Raw Data: **VX047360.D**

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VX0815WBS01	SDG No.:	Q2886
Lab Sample ID:	VX0815WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047360.D	1	08/15/25 14:21	VX081525

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\VX081525\
Data File : VX047360.D
Acq On : 15 Aug 2025 14:21
Operator : JC/MD
Sample : VX0815WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 18 04:32:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	251230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	424536	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	385995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	195233	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	177417	50.459	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.920%			
35) Dibromofluoromethane	5.397	113	138719	50.347	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.700%			
50) Toluene-d8	8.653	98	500139	50.785	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.580%			
62) 4-Bromofluorobenzene	11.079	95	189520	52.150	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.300%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.184	85	54581	17.043	ug/l	99
3) Chloromethane	1.312	50	46226	16.045	ug/l	99
4) Vinyl Chloride	1.392	62	59332	16.408	ug/l	99
5) Bromomethane	1.629	94	26329	18.026	ug/l	98
6) Chloroethane	1.709	64	38017	17.183	ug/l	92
7) Trichlorofluoromethane	1.910	101	88310	16.510	ug/l	98
8) Diethyl Ether	2.148	74	30892	16.402	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.349	101	53083	17.108	ug/l	100
10) Methyl Iodide	2.471	142	73049	13.738	ug/l	99
11) Tert butyl alcohol	2.965	59	26058	85.191	ug/l	99
12) 1,1-Dichloroethene	2.343	96	53241	16.831	ug/l	91
13) Acrolein	2.251	56	55282	85.617	ug/l	98
14) Allyl chloride	2.684	41	87368	15.902	ug/l	99
15) Acrylonitrile	3.086	53	128616	87.018	ug/l	99
16) Acetone	2.391	43	128699	97.380	ug/l	98
17) Carbon Disulfide	2.532	76	153226	16.053	ug/l	100
18) Methyl Acetate	2.715	43	60661	17.712	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	164476	17.092	ug/l	99
20) Methylene Chloride	2.806	84	58275	16.652	ug/l	96
21) trans-1,2-Dichloroethene	3.111	96	56539	16.841	ug/l	96
22) Diisopropyl ether	3.775	45	187827	17.295	ug/l	95
23) Vinyl Acetate	3.733	43	767557	86.230	ug/l	99
24) 1,1-Dichloroethane	3.629	63	102244	16.657	ug/l	96
25) 2-Butanone	4.574	43	161669	93.402	ug/l	95
26) 2,2-Dichloropropane	4.489	77	78586	16.962	ug/l	99
27) cis-1,2-Dichloroethene	4.507	96	64155	16.407	ug/l	99
28) Bromochloromethane	4.915	49	51861	20.303	ug/l	100
29) Tetrahydrofuran	5.031	42	98076	87.666	ug/l	97
30) Chloroform	5.110	83	107665	17.186	ug/l	97
31) Cyclohexane	5.482	56	92586	16.362	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	90406	16.766	ug/l	99
36) 1,1-Dichloropropene	5.708	75	72437	16.654	ug/l	98
37) Ethyl Acetate	4.732	43	73945	16.376	ug/l	98
38) Carbon Tetrachloride	5.696	117	79632	16.754	ug/l	93
39) Methylcyclohexane	7.391	83	91461	16.858	ug/l	99
40) Benzene	6.049	78	225273	17.304	ug/l	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047360.D
Acq On : 15 Aug 2025 14:21
Operator : JC/MD
Sample : VX0815WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 18 04:32:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.946	41	34006	17.859	ug/l		96
42) 1,2-Dichloroethane	6.098	62	81200	17.609	ug/l		100
43) Isopropyl Acetate	6.348	43	112794	17.388	ug/l		99
44) Trichloroethene	7.135	130	57113	17.133	ug/l		92
45) 1,2-Dichloropropane	7.433	63	55964	17.159	ug/l		97
46) Dibromomethane	7.586	93	40428	17.074	ug/l		99
47) Bromodichloromethane	7.823	83	84446	17.204	ug/l		99
48) Methyl methacrylate	7.695	41	57232	16.998	ug/l		98
49) 1,4-Dioxane	7.683	88	10978m	335.393	ug/l		
51) 4-Methyl-2-Pentanone	8.573	43	343280	91.962	ug/l		97
52) Toluene	8.720	92	141973	17.648	ug/l		100
53) t-1,3-Dichloropropene	8.982	75	72258	16.867	ug/l		98
54) cis-1,3-Dichloropropene	8.366	75	83395	17.198	ug/l		97
55) 1,1,2-Trichloroethane	9.152	97	53981	17.674	ug/l		98
56) Ethyl methacrylate	9.116	69	78496	17.431	ug/l		99
57) 1,3-Dichloropropane	9.311	76	92173	17.710	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.244	63	173530	86.358	ug/l		99
59) 2-Hexanone	9.433	43	238313	92.295	ug/l		99
60) Dibromochloromethane	9.518	129	61652	16.985	ug/l		100
61) 1,2-Dibromoethane	9.610	107	55605	17.655	ug/l		99
64) Tetrachloroethene	9.274	164	47199	16.905	ug/l		99
65) Chlorobenzene	10.079	112	155621	16.966	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.164	131	51630	16.651	ug/l		99
67) Ethyl Benzene	10.195	91	270213	17.116	ug/l		97
68) m/p-Xylenes	10.299	106	204503	34.739	ug/l		99
69) o-Xylene	10.640	106	97111	17.142	ug/l		99
70) Styrene	10.652	104	170364	17.798	ug/l		99
71) Bromoform	10.798	173	39471	16.944	ug/l	#	99
73) Isopropylbenzene	10.963	105	259926	17.013	ug/l		99
74) N-amyl acetate	10.841	43	98400	16.961	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	78404	17.479	ug/l		100
76) 1,2,3-Trichloropropane	11.237	75	64644m	18.053	ug/l		
77) Bromobenzene	11.195	156	62888	16.857	ug/l		99
78) n-propylbenzene	11.304	91	320464	17.563	ug/l		100
79) 2-Chlorotoluene	11.359	91	186268	16.887	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	213875	17.014	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	8554	16.615	ug/l		97
82) 4-Chlorotoluene	11.451	91	218950	16.839	ug/l		99
83) tert-Butylbenzene	11.713	119	214431	17.098	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	219724	17.479	ug/l		99
85) sec-Butylbenzene	11.890	105	269498	17.337	ug/l		100
86) p-Isopropyltoluene	12.006	119	227642	17.306	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	121339	17.025	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	123016	16.782	ug/l		98
89) n-Butylbenzene	12.329	91	211119	17.256	ug/l		99
90) Hexachloroethane	12.536	117	38107	16.514	ug/l		97
91) 1,2-Dichlorobenzene	12.335	146	114942	16.991	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	14641	16.877	ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	74979	16.533	ug/l		100
94) Hexachlorobutadiene	13.719	225	25887	16.036	ug/l		99
95) Naphthalene	13.774	128	217286	16.766	ug/l		99
96) 1,2,3-Trichlorobenzene	13.956	180	71309	16.681	ug/l		99

Sample Results: **VX047360.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047360.D
Acq On : 15 Aug 2025 14:21
Operator : JC/MD
Sample : VX0815WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

Quant Time: Aug 18 04:32:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 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\VX081525\
Data File : VX047360.D
Acq On : 15 Aug 2025 14:21
Operator : JC/MD
Sample : VX0815WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 18 04:32:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Manual Integrations APPROVED

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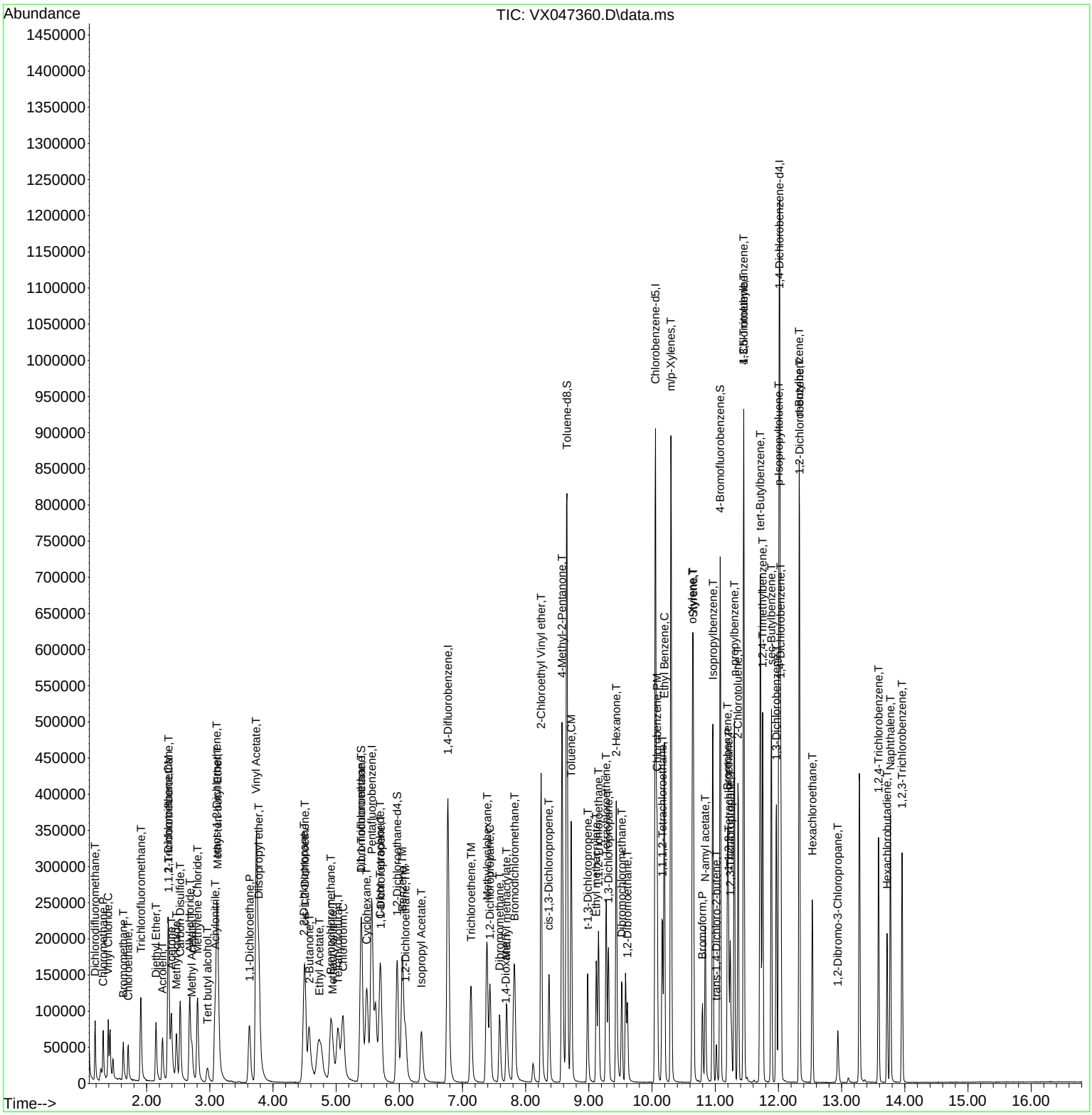
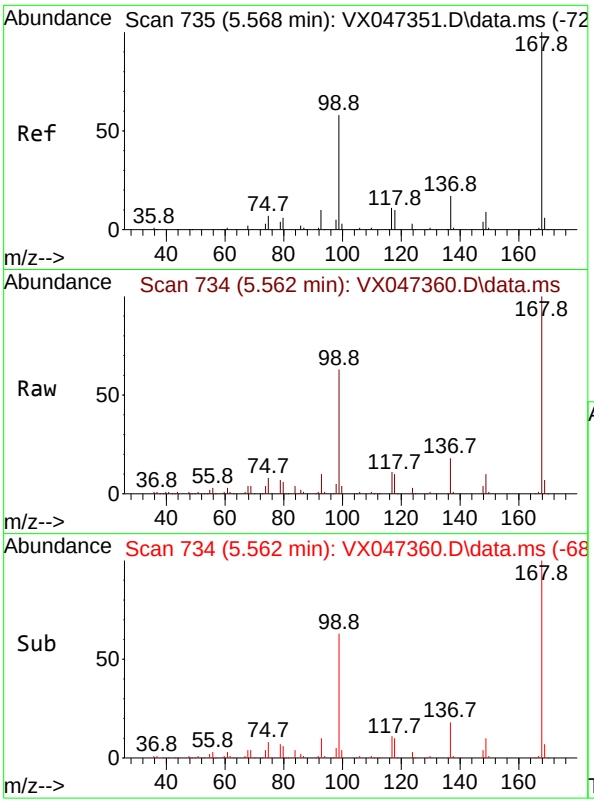
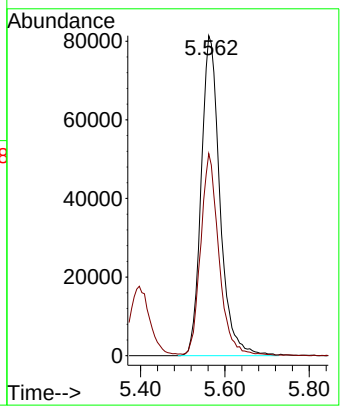




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion:168 Resp: 25123

Ion	Ratio	Lower	Upper
168	100		
99	63.0	47.9	71.9



Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Manual Integrations
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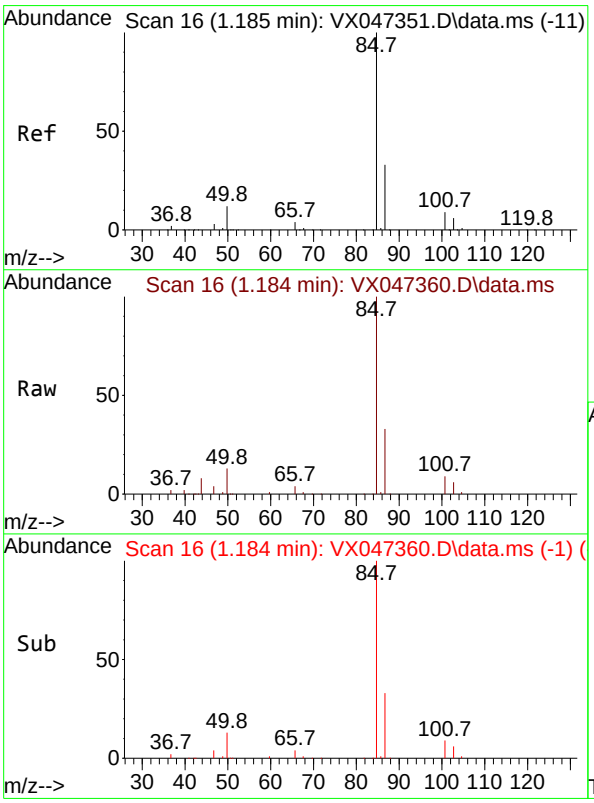
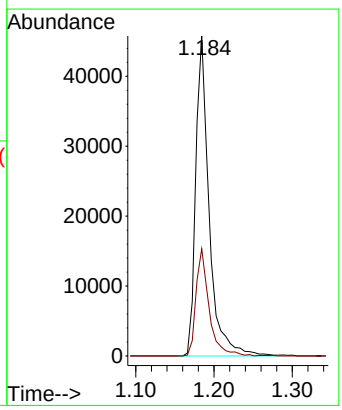
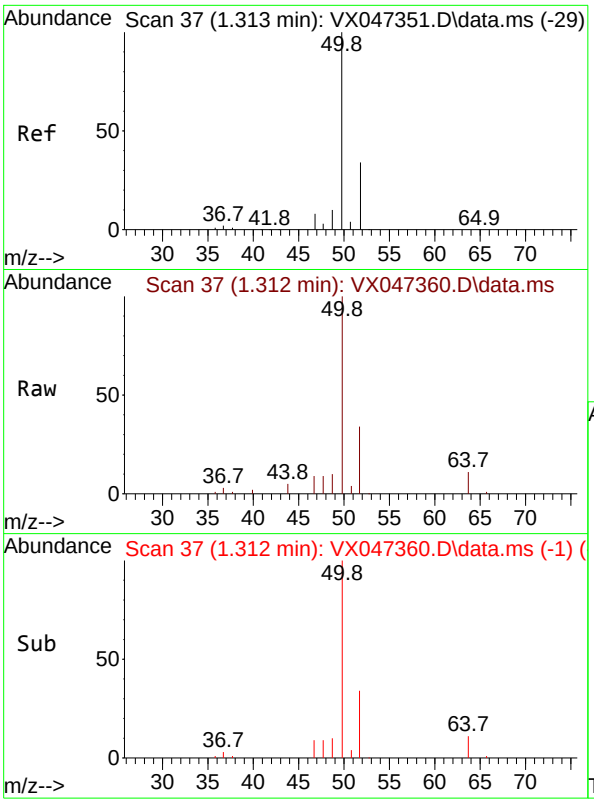


#2
Dichlorodifluoromethane
Concen: 17.043 ug/l
RT: 1.184 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 85 Resp: 54581

Ion	Ratio	Lower	Upper
85	100		
87	33.5	16.4	49.1

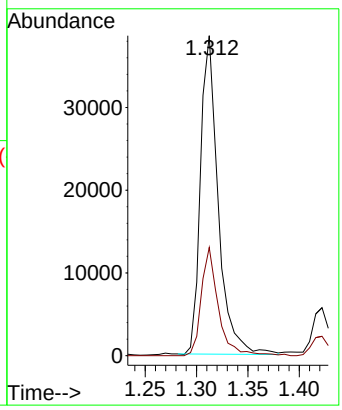




#3
Chloromethane
Concen: 16.045 ug/l
RT: 1.312 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 50 Resp: 4622

Ion	Ratio	Lower	Upper
50	100		
52	34.0	27.0	40.4



Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Manual Integrations
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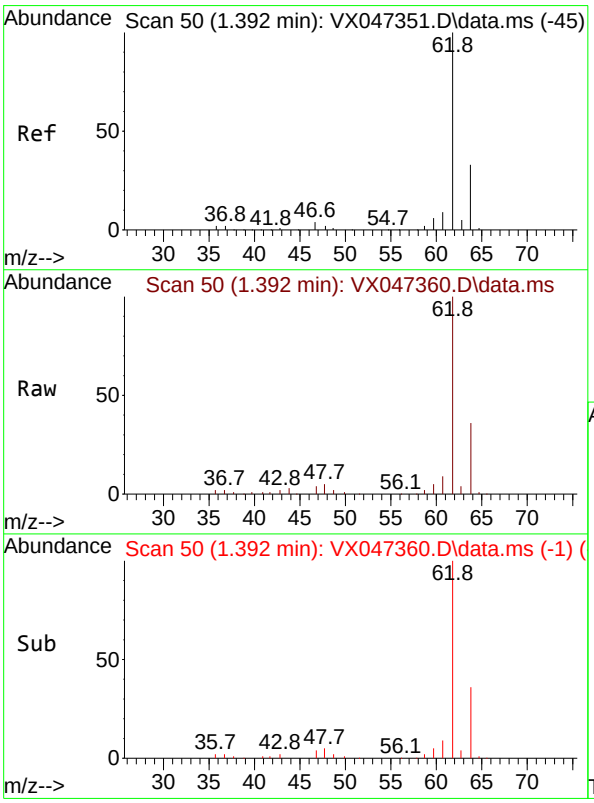
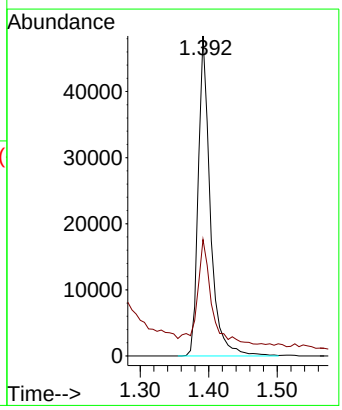
Supervised By :Mahesh Dadoda 08/19/2025

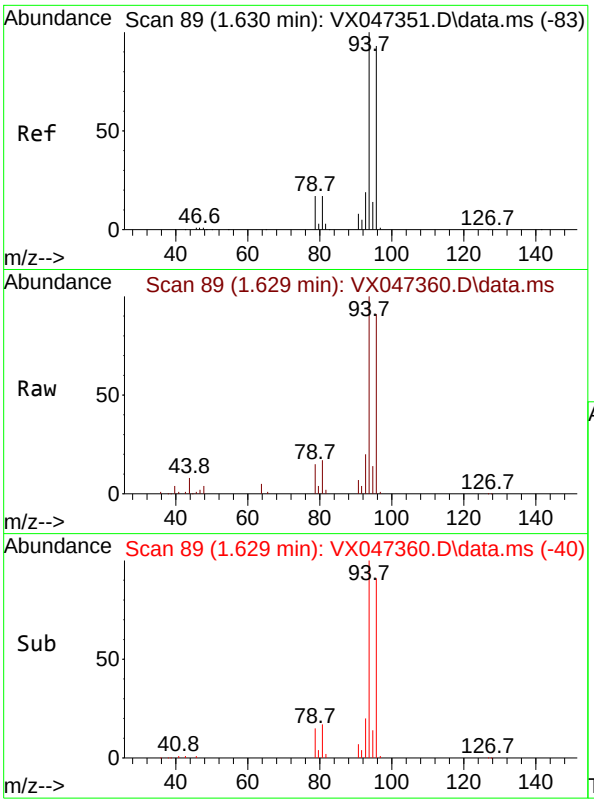


#4
Vinyl Chloride
Concen: 16.408 ug/l
RT: 1.392 min Scan# 50
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 62 Resp: 59332

Ion	Ratio	Lower	Upper
62	100		
64	32.6	26.5	39.7





#5
Bromomethane
Concen: 18.026 ug/l
RT: 1.629 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 94 Resp: 2632

Ion	Ratio	Lower	Upper
94	100		
96	91.2	74.7	112.1

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Manual Integrations
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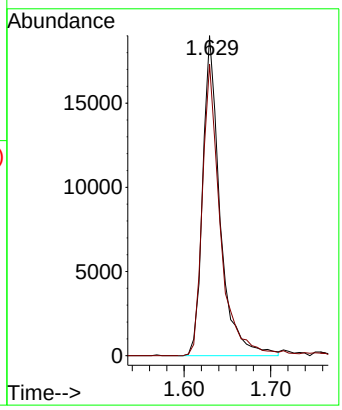
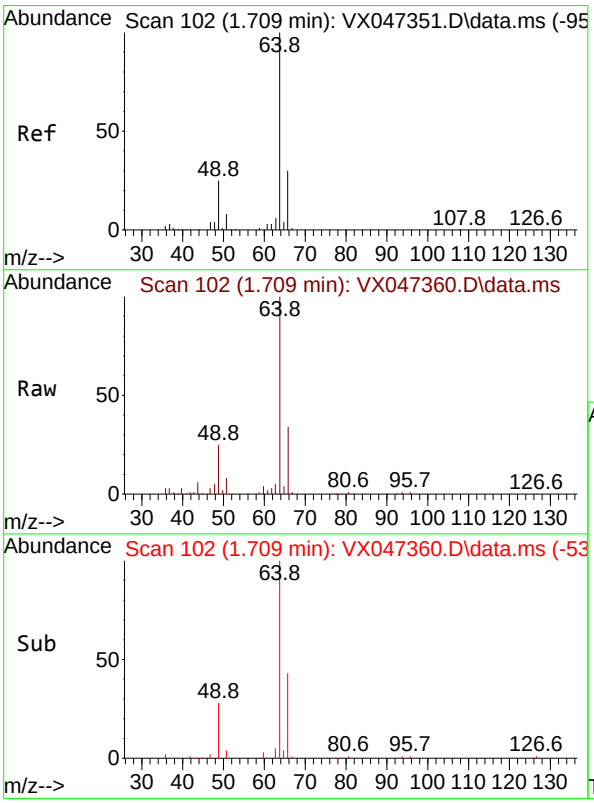
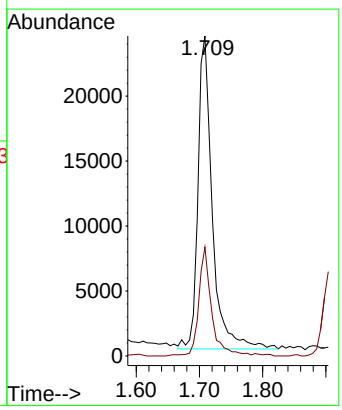


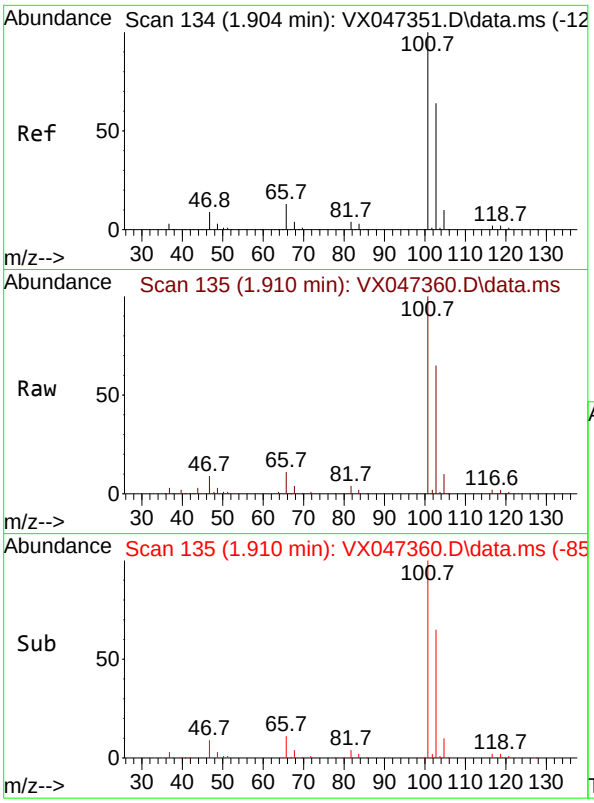


#6
Chloroethane
Concen: 17.183 ug/l
RT: 1.709 min Scan# 102
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 64 Resp: 38017

Ion	Ratio	Lower	Upper
64	100		
66	34.8	24.4	36.6

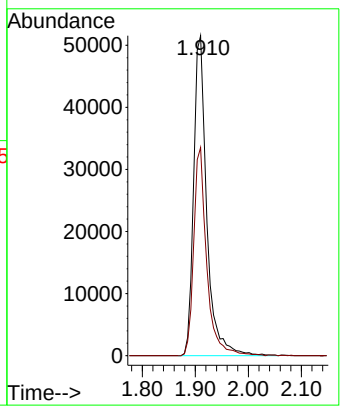




#7
Trichlorofluoromethane
Concen: 16.510 ug/l
RT: 1.910 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion:101 Resp: 8831

Ion	Ratio	Lower	Upper
101	100		
103	65.0	50.9	76.3



Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Manual Integrations
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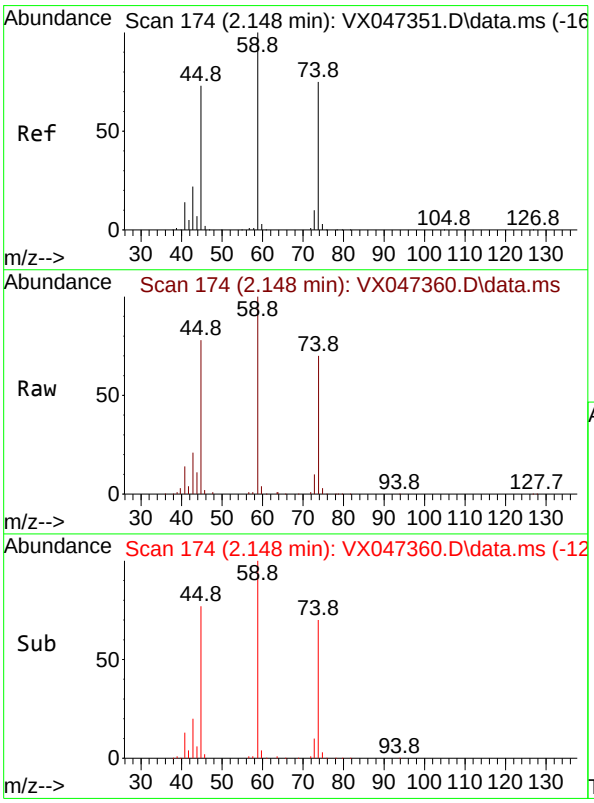
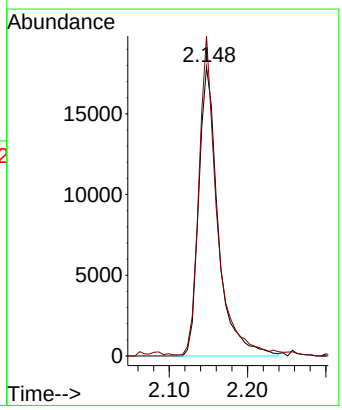
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

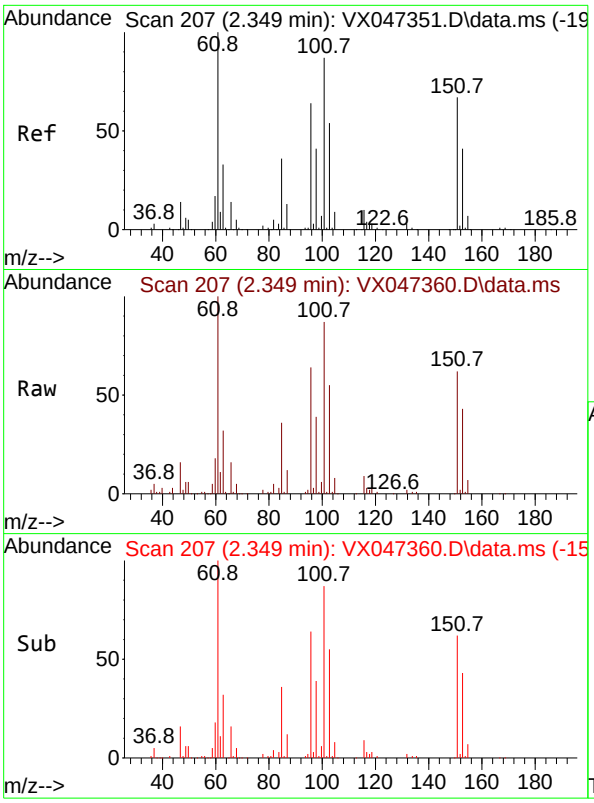


#8
Diethyl Ether
Concen: 16.402 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 74 Resp: 30892

Ion	Ratio	Lower	Upper
74	100		
45	105.6	51.3	154.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.108 ug/l
RT: 2.349 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

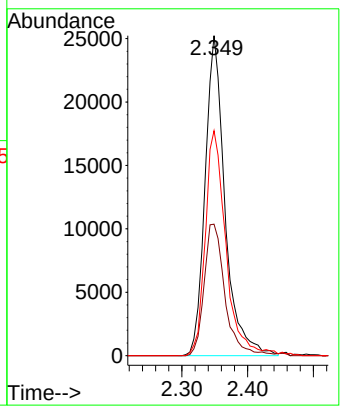
Tgt Ion:101 Resp: 5308

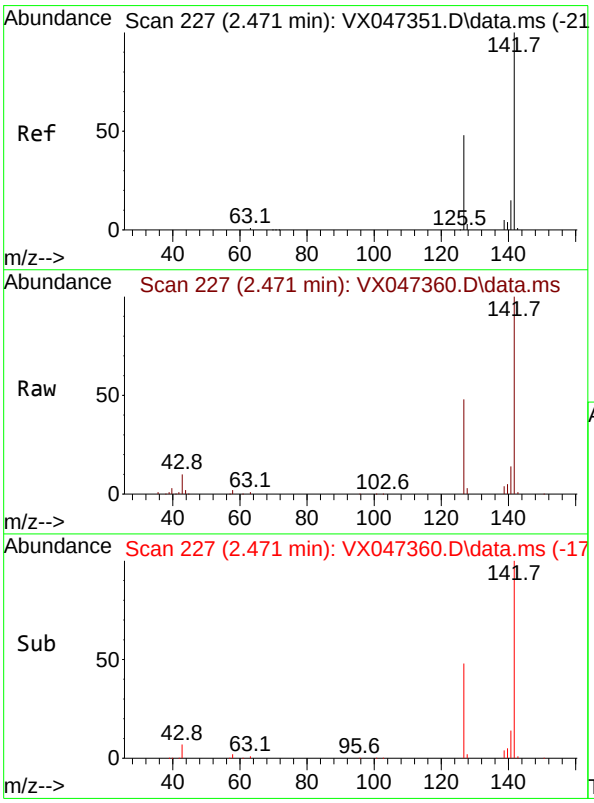
Ion	Ratio	Lower	Upper
101	100		
85	42.9	34.3	51.5
151	73.5	59.2	88.8

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

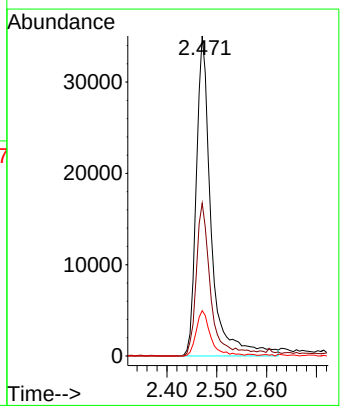


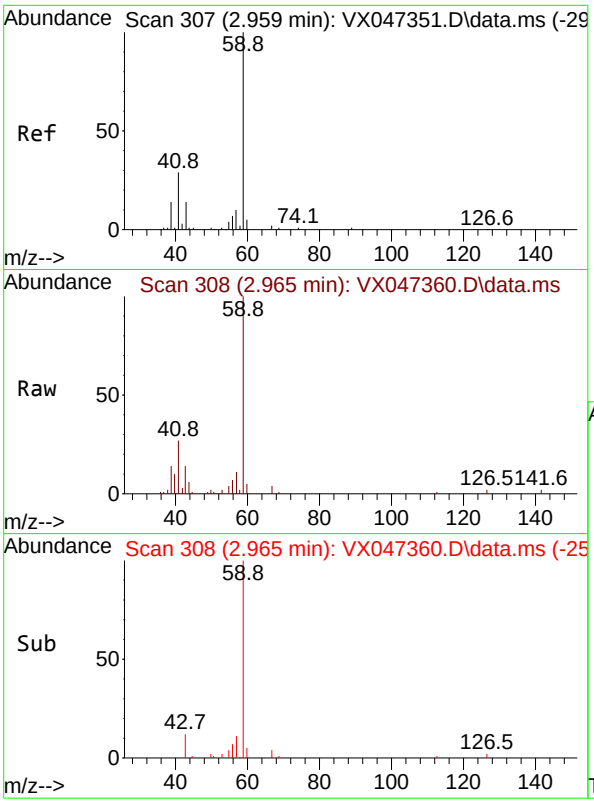


#10
Methyl Iodide
Concen: 13.738 ug/l
RT: 2.471 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion:142 Resp: 73049

Ion	Ratio	Lower	Upper
142	100		
127	46.1	36.1	54.1
141	13.7	11.1	16.7

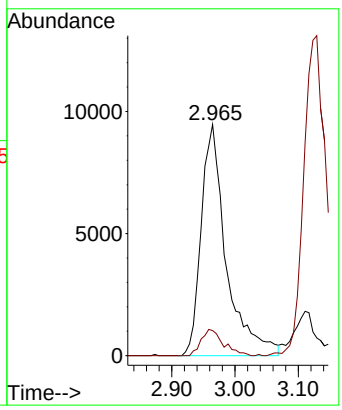




#11
Tert butyl alcohol
Concen: 85.191 ug/l
RT: 2.965 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 59 Resp: 2605

Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.3	12.5



Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Manual Integrations
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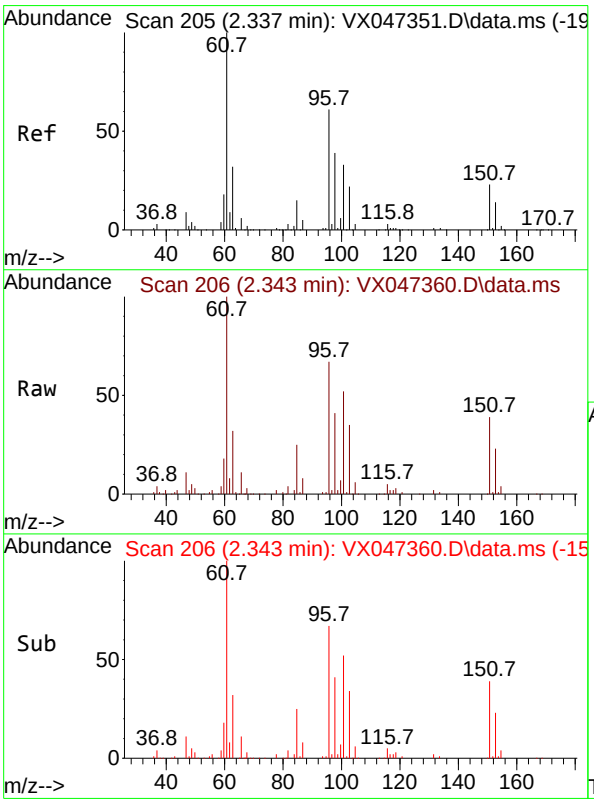
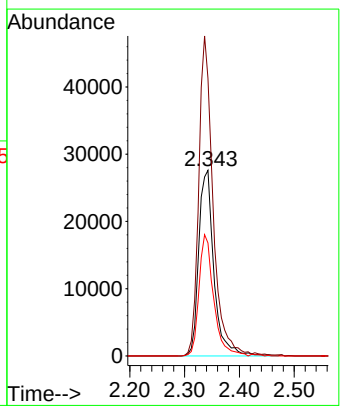
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

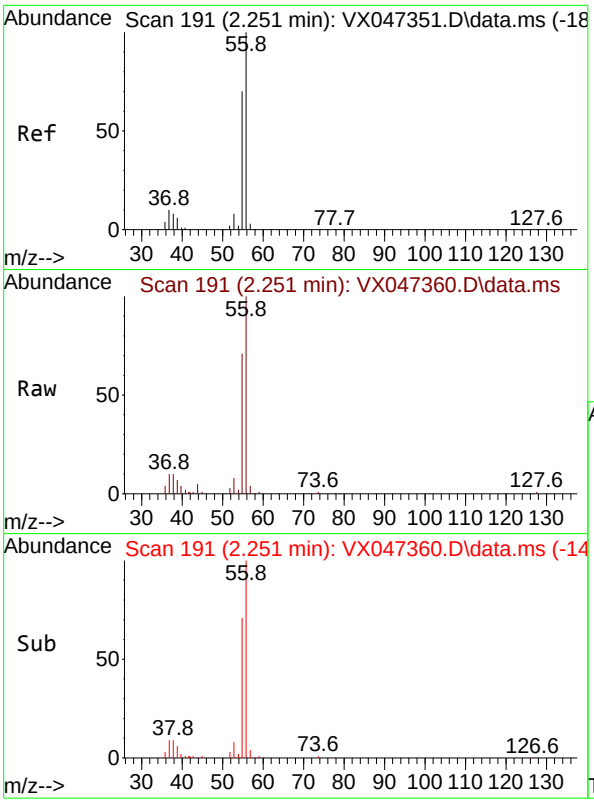


#12
1,1-Dichloroethene
Concen: 16.831 ug/l
RT: 2.343 min Scan# 206
Delta R.T. 0.006 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 96 Resp: 53241

Ion	Ratio	Lower	Upper
96	100		
61	149.6	132.2	198.2
98	60.9	51.2	76.8





#13
Acrolein
Concen: 85.617 ug/l
RT: 2.251 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 56 Resp: 5528

Ion	Ratio	Lower	Upper
56	100		
55	68.1	55.5	83.3

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Manual Integrations
APPROVED

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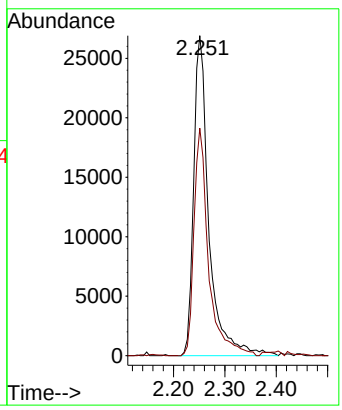
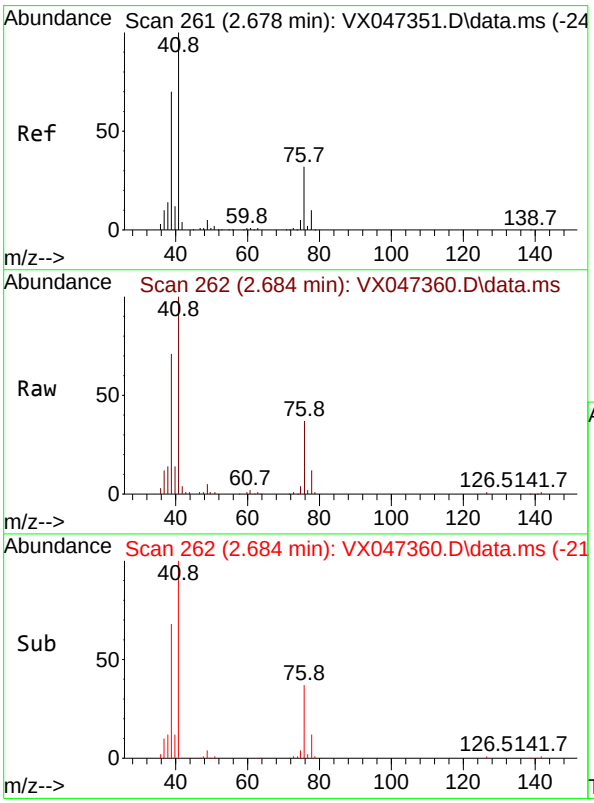
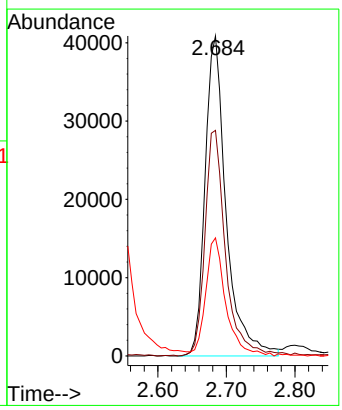


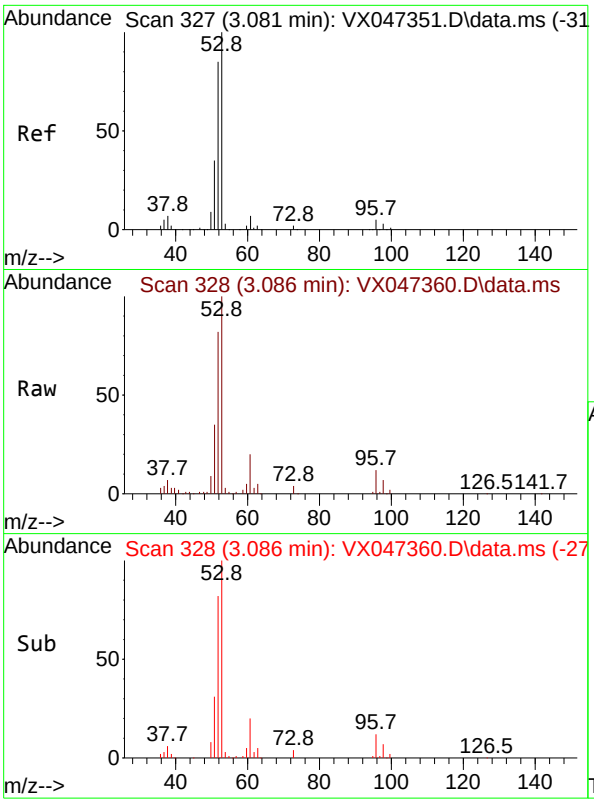


#14
Allyl chloride
Concen: 15.902 ug/l
RT: 2.684 min Scan# 262
Delta R.T. 0.006 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 41 Resp: 87368

Ion	Ratio	Lower	Upper
41	100		
39	69.1	54.6	81.8
76	35.1	27.6	41.4

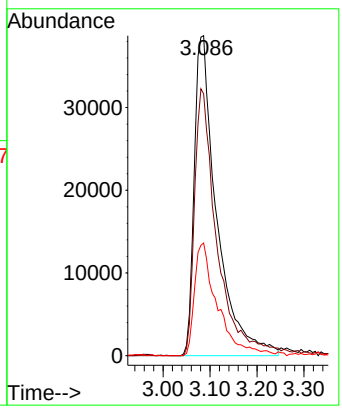




#15
Acrylonitrile
Concen: 87.018 ug/l
RT: 3.086 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 53 Resp: 12861

Ion	Ratio	Lower	Upper
53	100		
52	83.4	65.8	98.6
51	35.9	28.2	42.2



Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/18/2025
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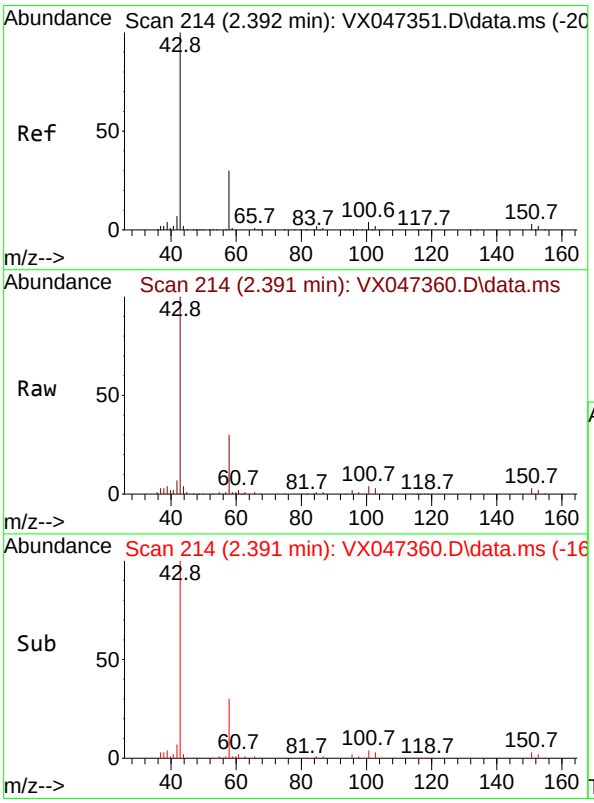
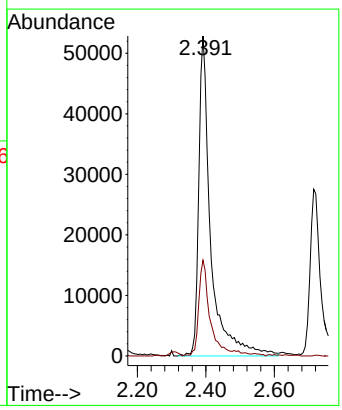
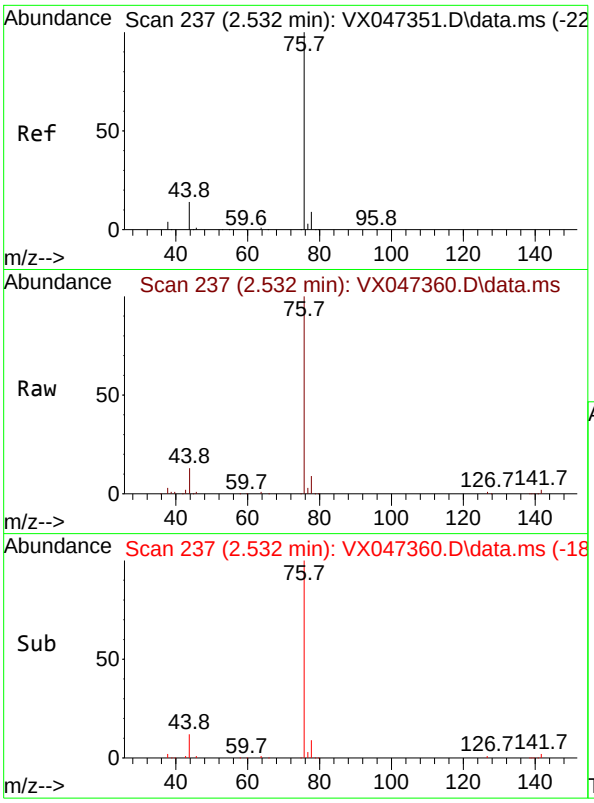


#16
Acetone
Concen: 97.380 ug/l
RT: 2.391 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 43 Resp: 128699

Ion	Ratio	Lower	Upper
43	100		
58	29.9	24.8	37.2





#17
Carbon Disulfide
Concen: 16.053 ug/l
RT: 2.532 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 76 Resp: 15322

Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.2	10.8

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

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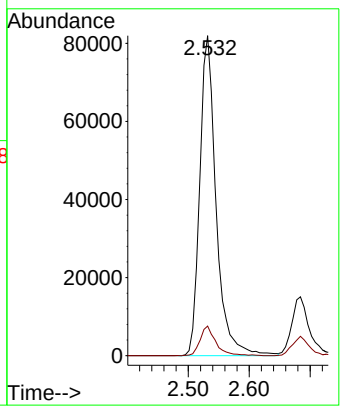
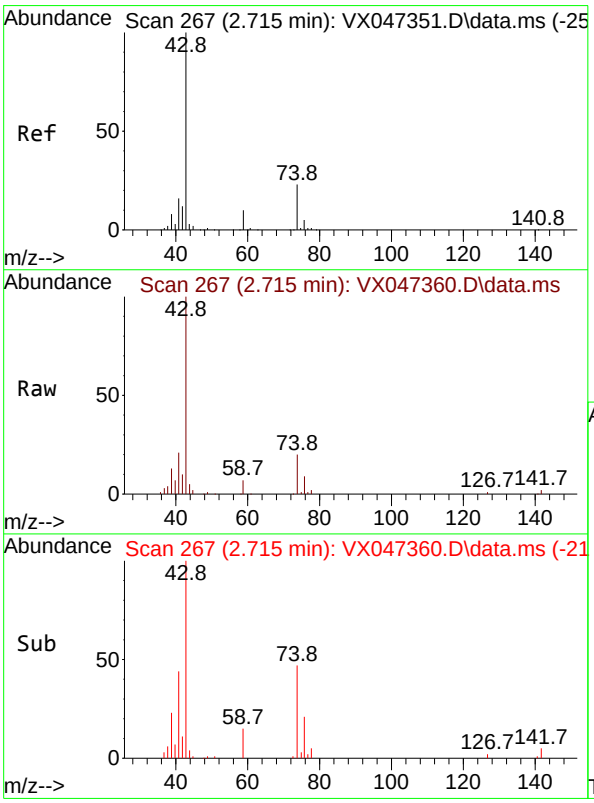
Supervised By :Mahesh Dadoda 08/19/2025

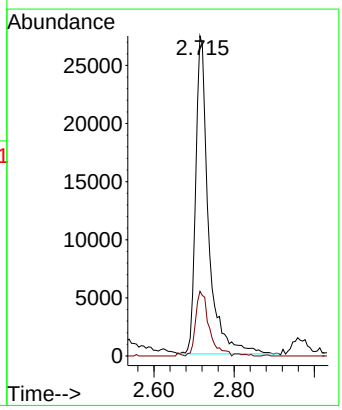


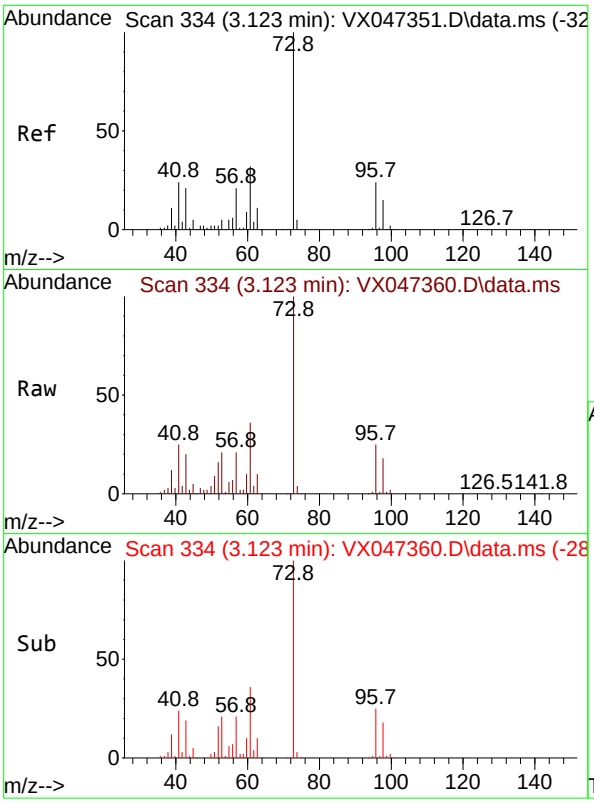


#18
Methyl Acetate
Concen: 17.712 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 43 Resp: 60661

Ion	Ratio	Lower	Upper
43	100		
74	21.3	18.4	27.6

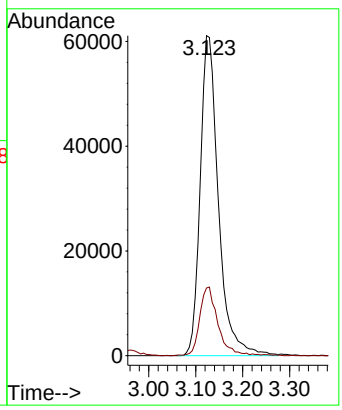




#19
Methyl tert-butyl Ether
Concen: 17.092 ug/l
RT: 3.123 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 73 Resp: 16447

Ion	Ratio	Lower	Upper
73	100		
57	21.0	17.0	25.6



Instrument :
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ClientSampleId :
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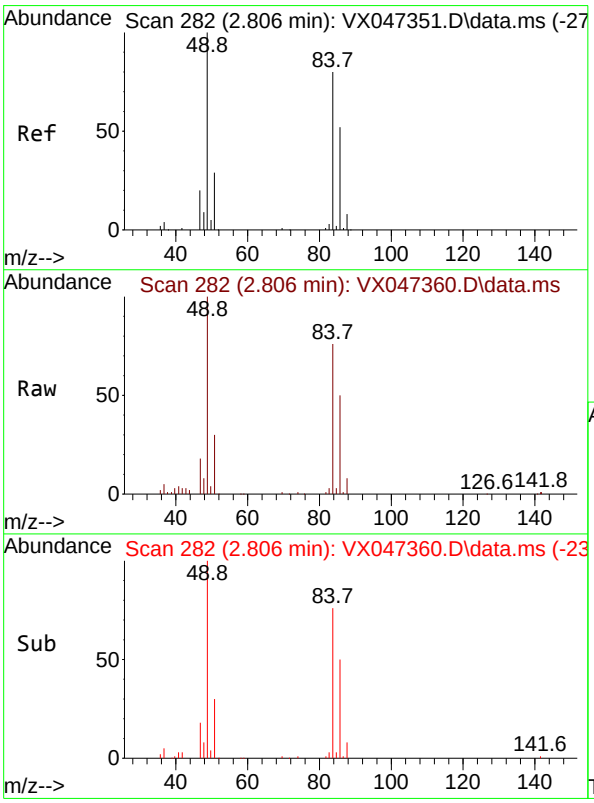
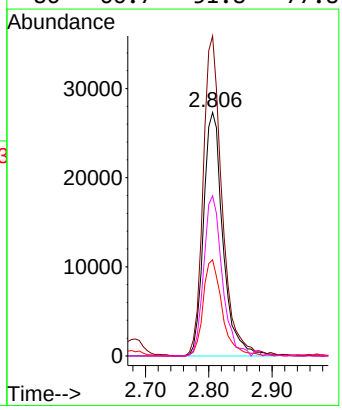
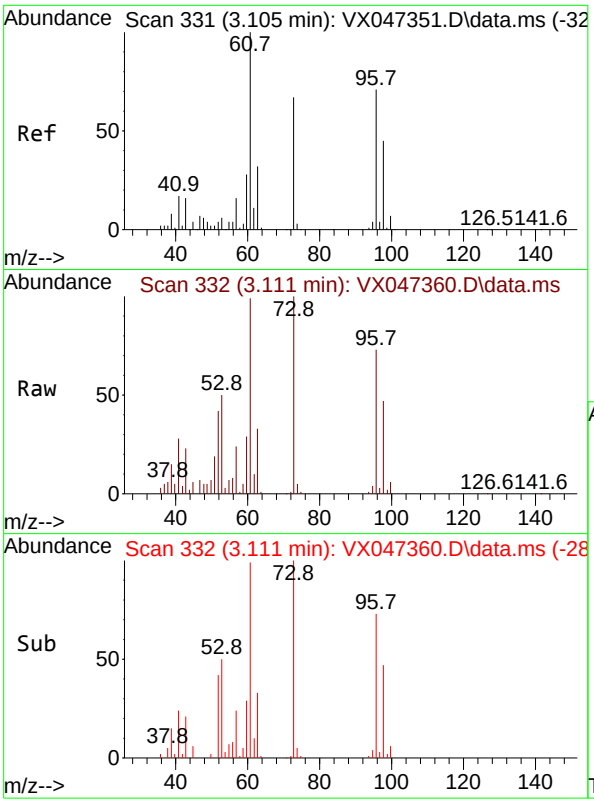


#20
Methylene Chloride
Concen: 16.652 ug/l
RT: 2.806 min Scan# 282
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 84 Resp: 58275

Ion	Ratio	Lower	Upper
84	100		
49	131.4	100.1	150.1
51	39.5	29.5	44.3
86	66.7	51.8	77.8

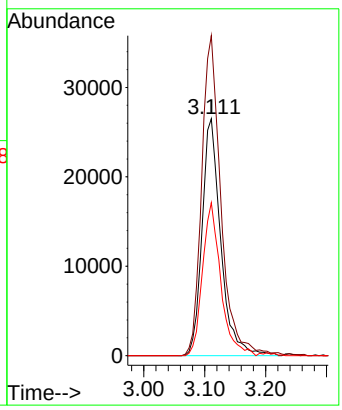




#21
trans-1,2-Dichloroethene
Concen: 16.841 ug/l
RT: 3.111 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 96 Resp: 5653

Ion	Ratio	Lower	Upper
96	100		
61	135.1	112.6	169.0
98	64.6	50.9	76.3



Instrument :
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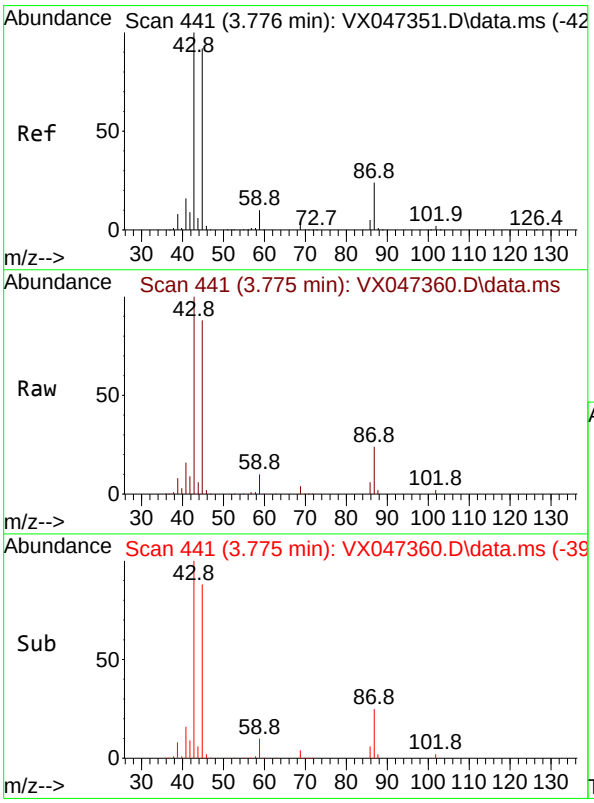
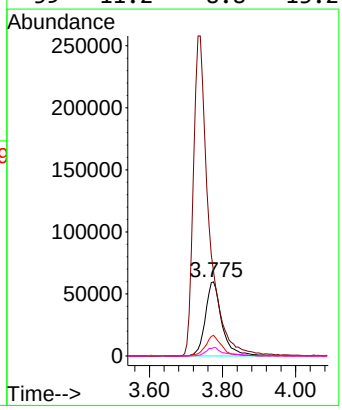
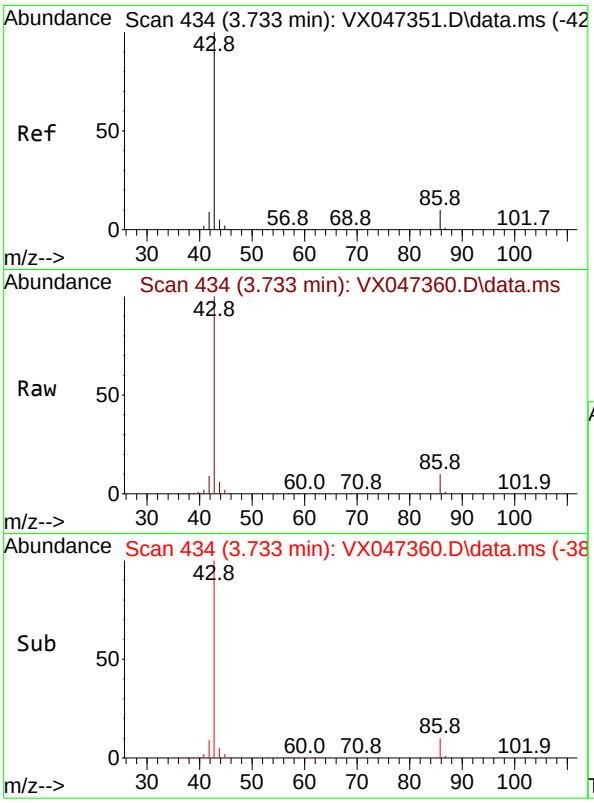


#22
Diisopropyl ether
Concen: 17.295 ug/l
RT: 3.775 min Scan# 441
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 45 Resp: 187827

Ion	Ratio	Lower	Upper
45	100		
43	113.7	86.8	130.2
87	29.8	20.4	30.6
59	11.2	8.8	13.2





#23
Vinyl Acetate
Concen: 86.230 ug/l
RT: 3.733 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 43 Resp: 76755

Ion	Ratio	Lower	Upper
43	100		
86	10.1	7.9	11.9

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

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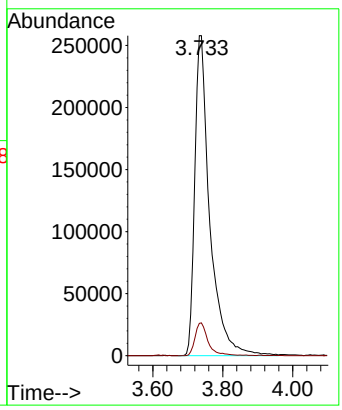
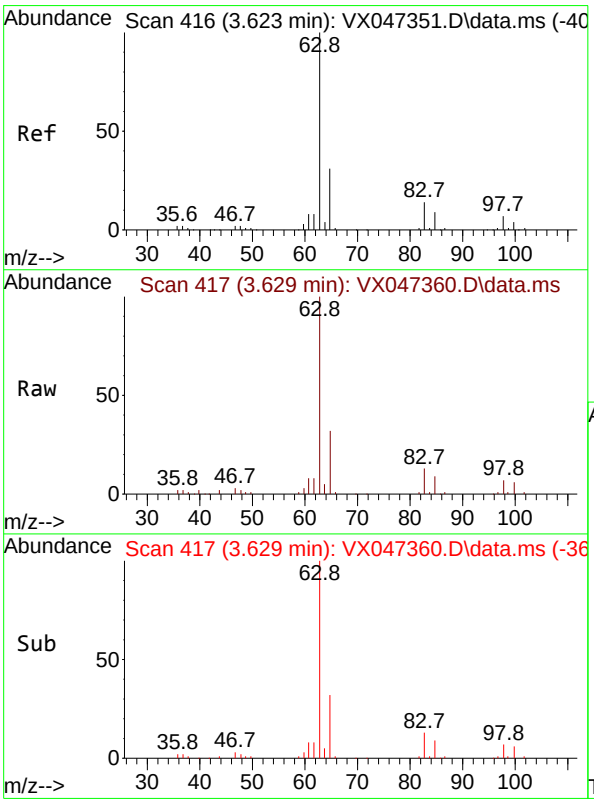
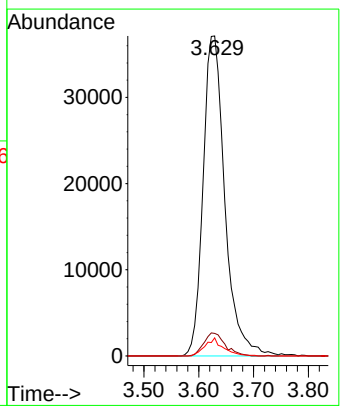


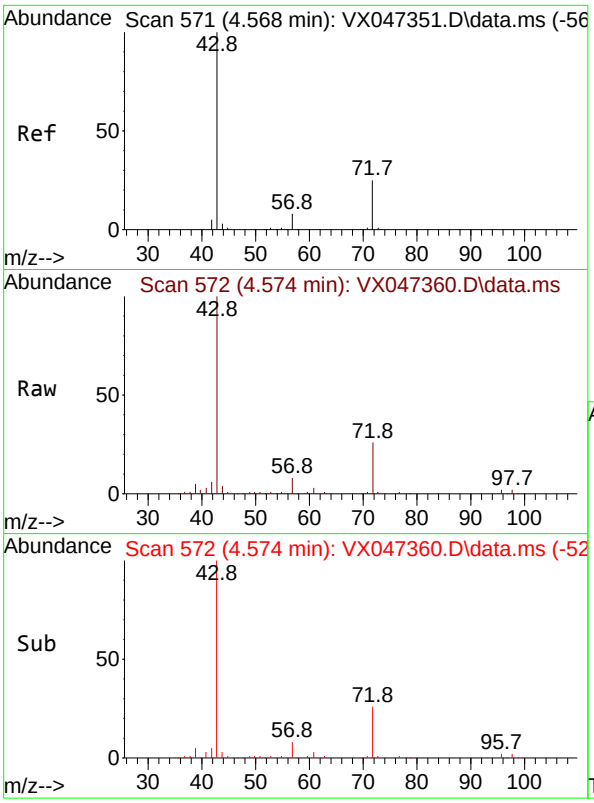


#24
1,1-Dichloroethane
Concen: 16.657 ug/l
RT: 3.629 min Scan# 417
Delta R.T. 0.006 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 63 Resp: 102244

Ion	Ratio	Lower	Upper
63	100		
98	7.7	3.3	9.9
100	5.6	2.1	6.3





#25
2-Butanone
Concen: 93.402 ug/l
RT: 4.574 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 43 Resp: 16166

Ion	Ratio	Lower	Upper
43	100		
72	27.2	19.8	29.8

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

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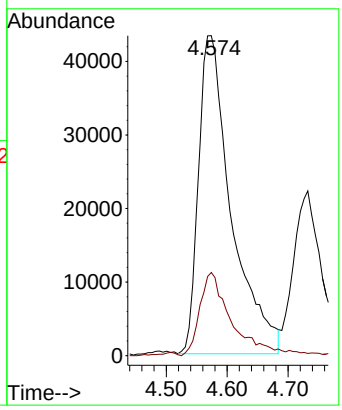
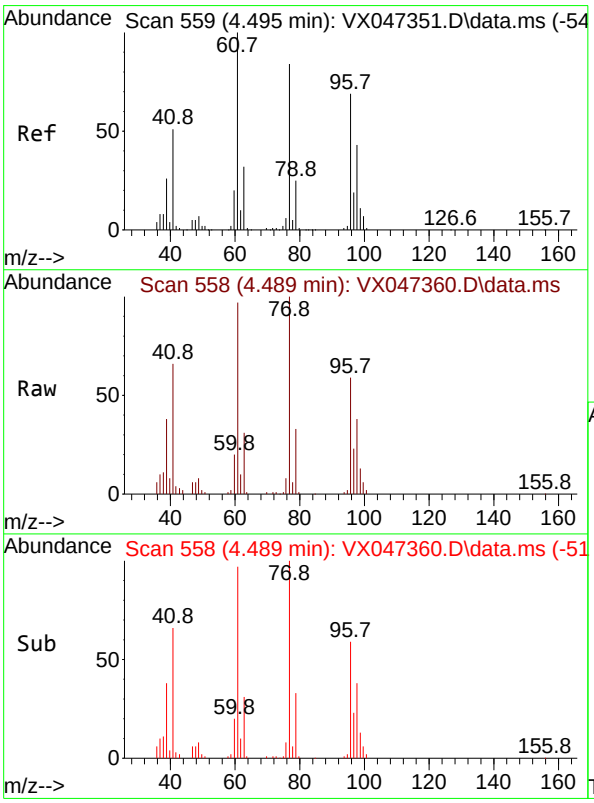
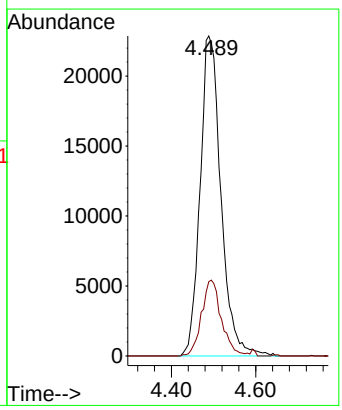


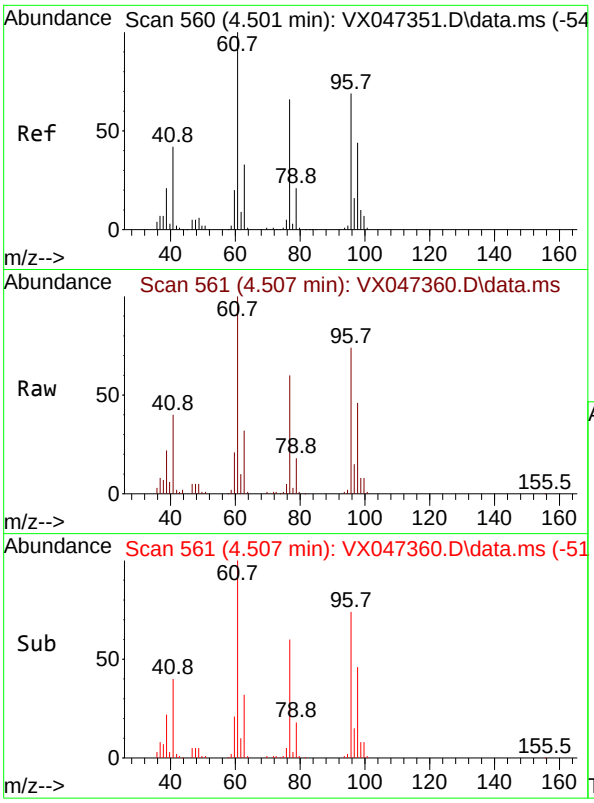


#26
2,2-Dichloropropane
Concen: 16.962 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 77 Resp: 78586

Ion	Ratio	Lower	Upper
77	100		
97	22.4	11.4	34.1

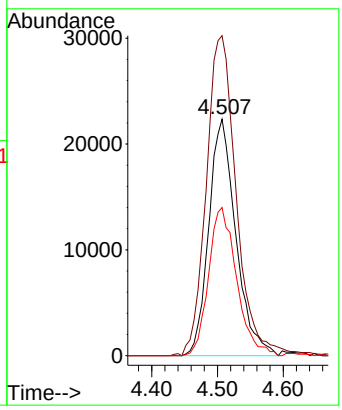




#27
cis-1,2-Dichloroethene
Concen: 16.407 ug/l
RT: 4.507 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 96 Resp: 6415

Ion	Ratio	Lower	Upper
96	100		
61	150.3	0.0	296.6
98	64.7	0.0	130.4



Instrument :
MSVOA_X
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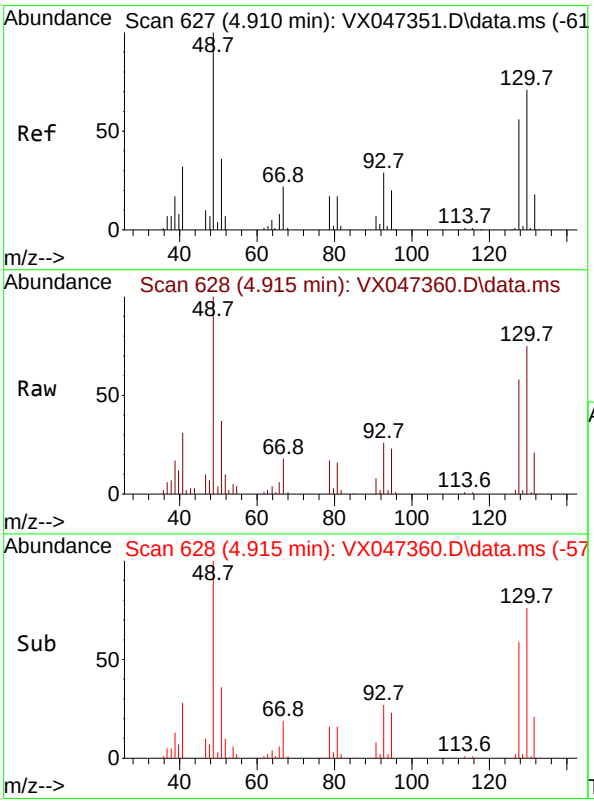
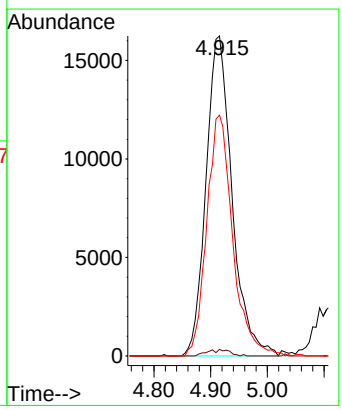
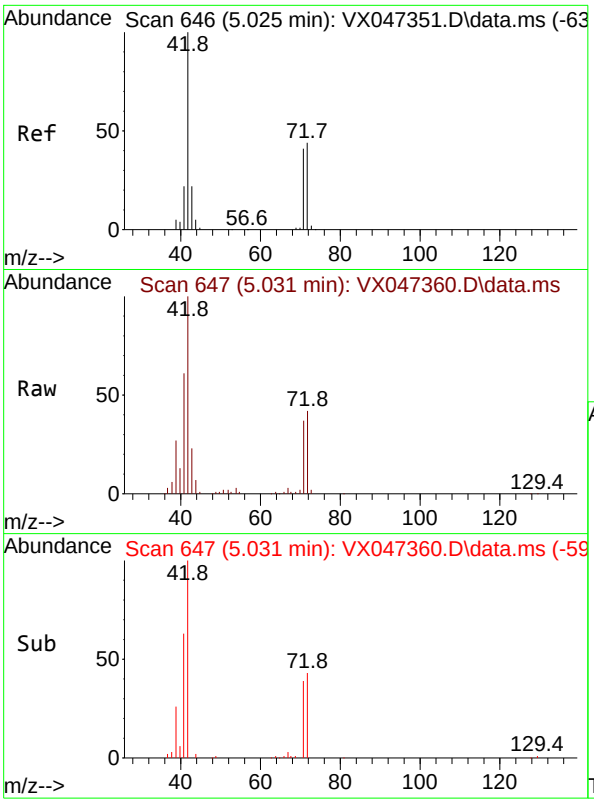


#28
Bromochloromethane
Concen: 20.303 ug/l
RT: 4.915 min Scan# 628
Delta R.T. 0.006 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 49 Resp: 51861

Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	4.0
130	74.9	59.8	89.6

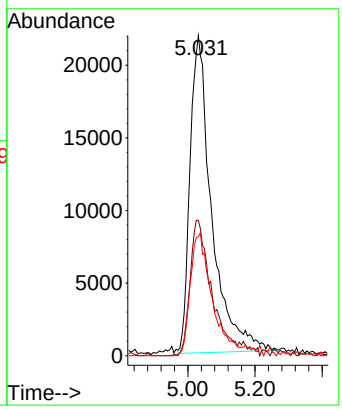




#29
Tetrahydrofuran
Concen: 87.666 ug/l
RT: 5.031 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 42 Resp: 9807

Ion	Ratio	Lower	Upper
42	100		
72	42.0	34.6	51.8
71	38.4	32.6	49.0



Instrument :
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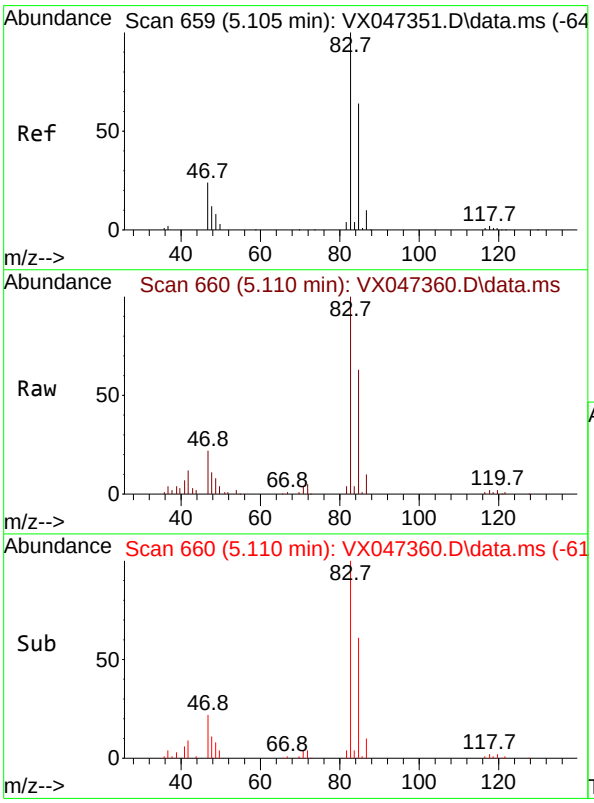
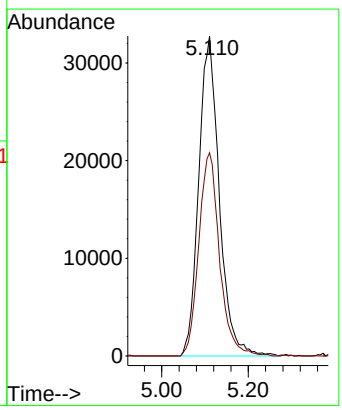
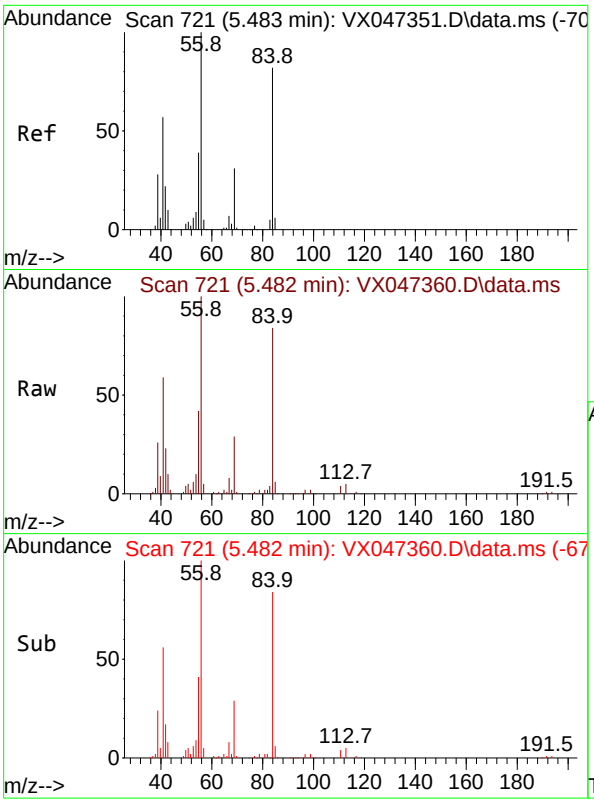


#30
Chloroform
Concen: 17.186 ug/l
RT: 5.110 min Scan# 660
Delta R.T. 0.006 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 83 Resp: 107665

Ion	Ratio	Lower	Upper
83	100		
85	62.0	51.2	76.8

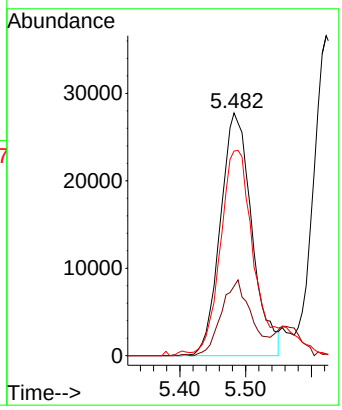




#31
Cyclohexane
Concen: 16.362 ug/l
RT: 5.482 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 56 Resp: 9258

Ion	Ratio	Lower	Upper
56	100		
69	28.2	24.3	36.5
84	83.1	65.3	97.9



Instrument :
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ClientSampleId :
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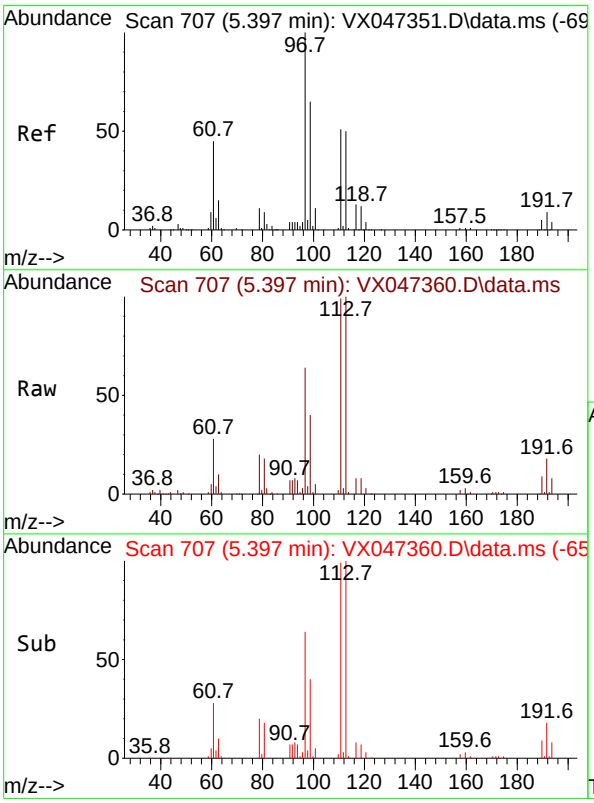
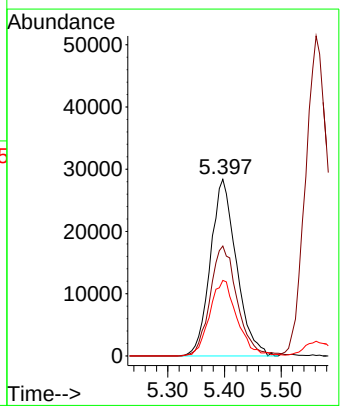
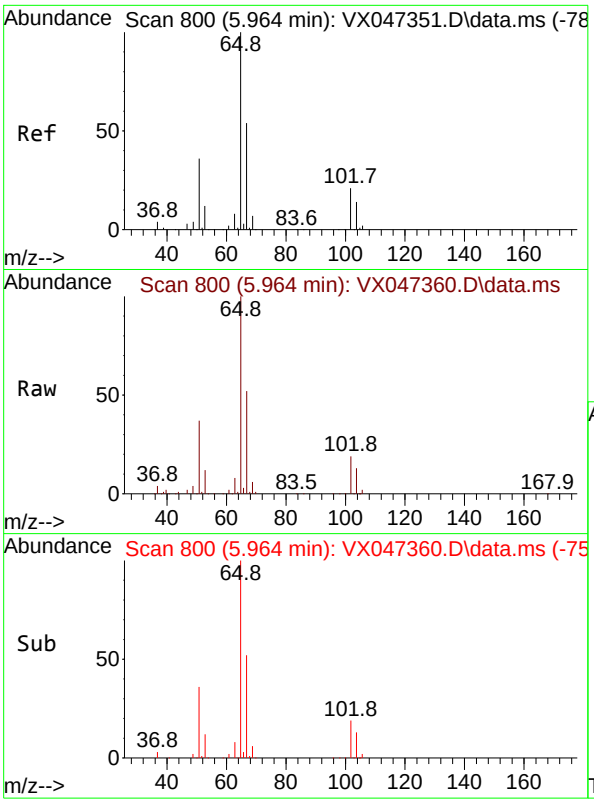


#32
1,1,1-Trichloroethane
Concen: 16.766 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 97 Resp: 90406

Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.4	77.0
61	45.2	35.7	53.5

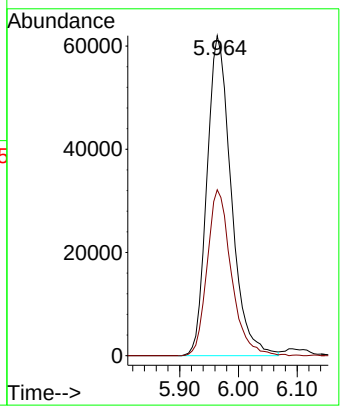




#33
1,2-Dichloroethane-d4
Concen: 50.459 ug/l
RT: 5.964 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 65 Resp: 17741

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	106.0



Instrument :
MSVOA_X
ClientSampleId :
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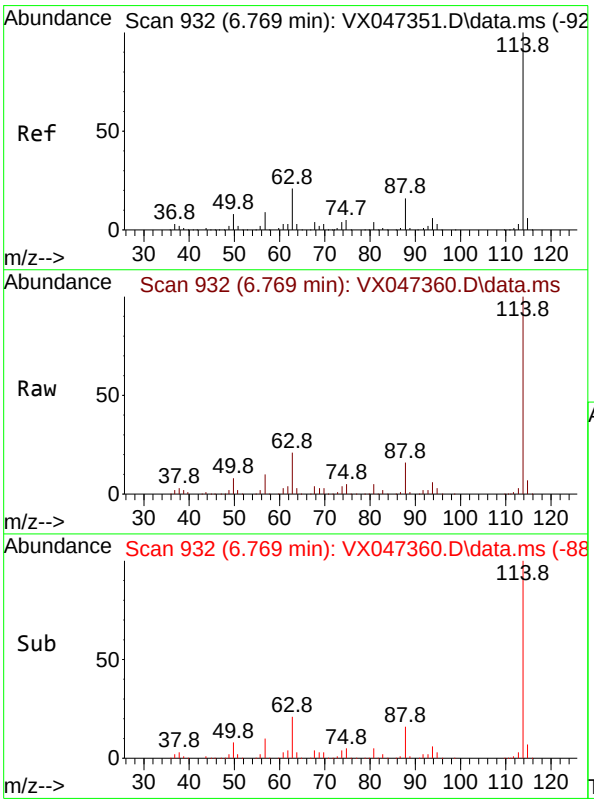
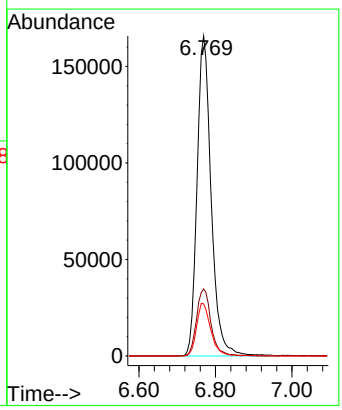
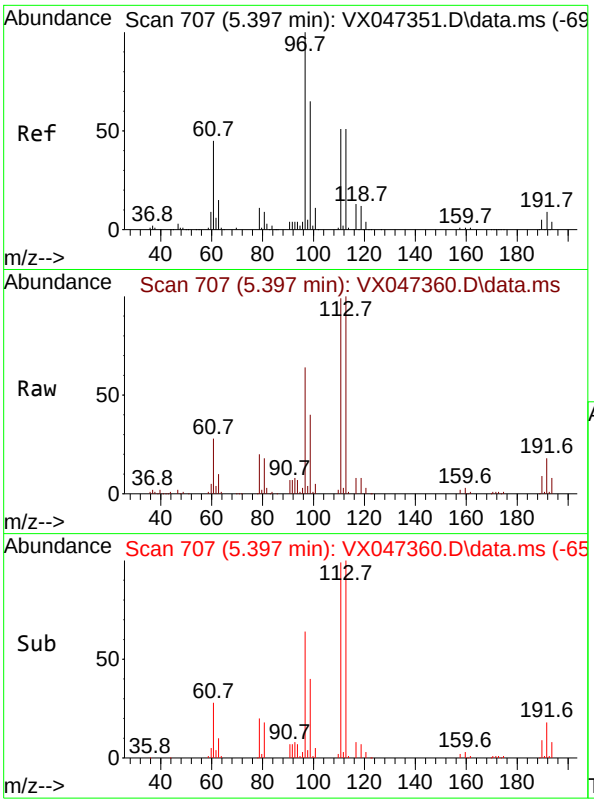


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion:114 Resp: 424536

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	42.4
88	16.3	0.0	33.0

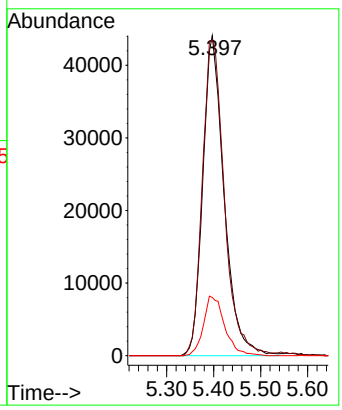




#35
Dibromofluoromethane
Concen: 50.347 ug/l
RT: 5.397 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion:113 Resp: 13871

Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.4	122.2
192	18.5	14.1	21.1



Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Manual Integrations
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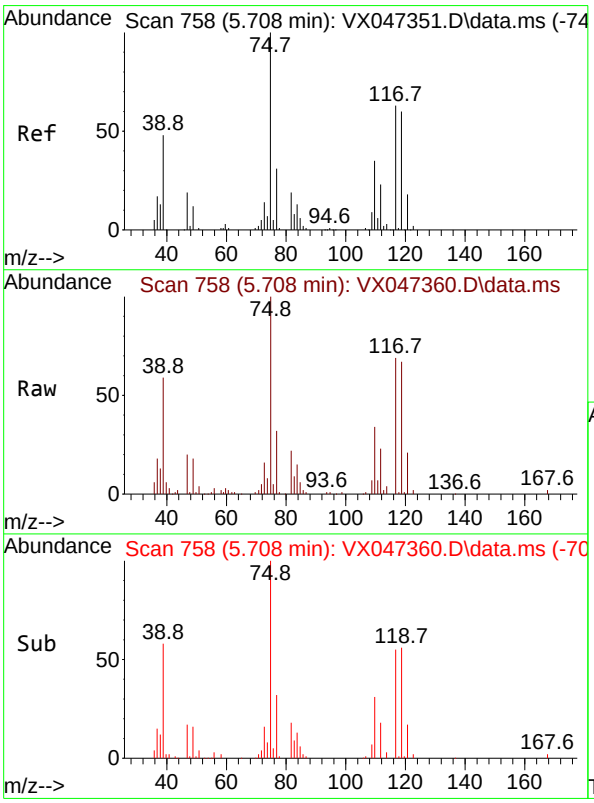
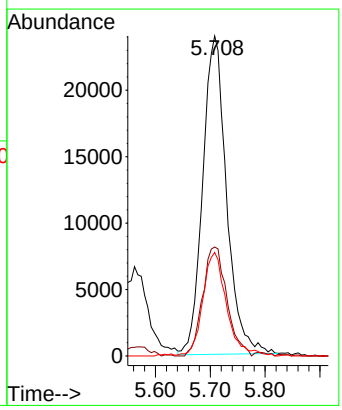
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

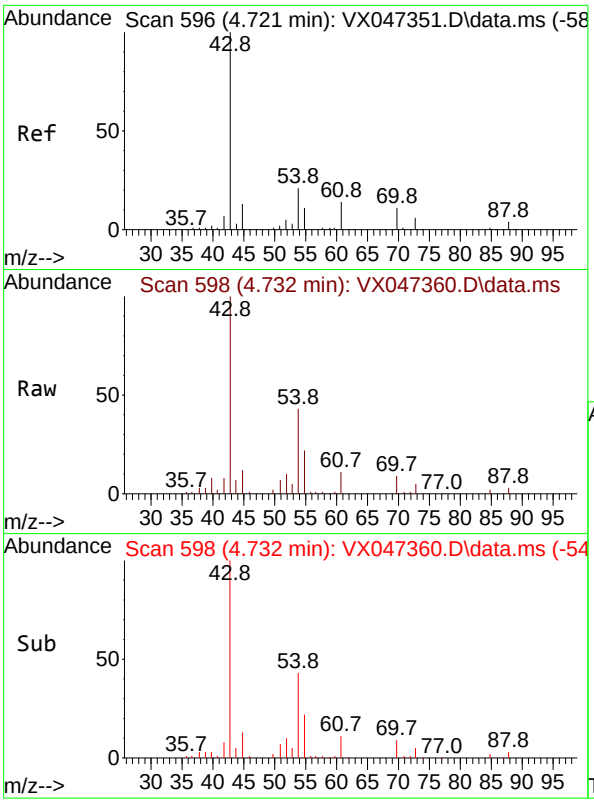


#36
1,1-Dichloropropene
Concen: 16.654 ug/l
RT: 5.708 min Scan# 758
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 75 Resp: 72437

Ion	Ratio	Lower	Upper
75	100		
110	34.6	17.4	52.2
77	32.4	24.4	36.6

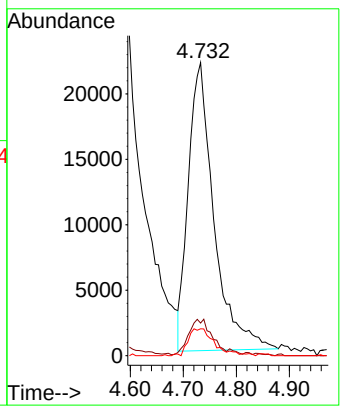




#37
Ethyl Acetate
Concen: 16.376 ug/l
RT: 4.732 min Scan# 5
Delta R.T. 0.012 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 43 Resp: 7394

Ion	Ratio	Lower	Upper
43	100		
61	11.0	9.4	14.2
70	9.4	7.0	10.6



Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

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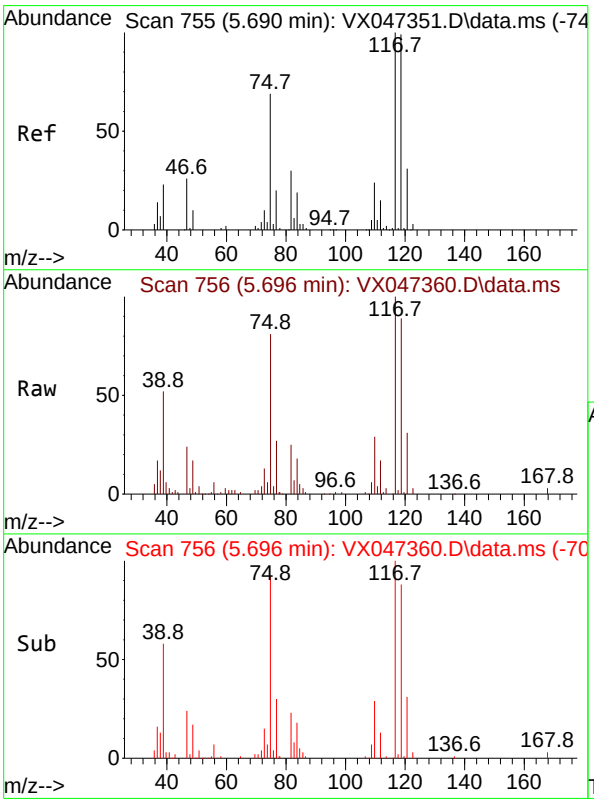
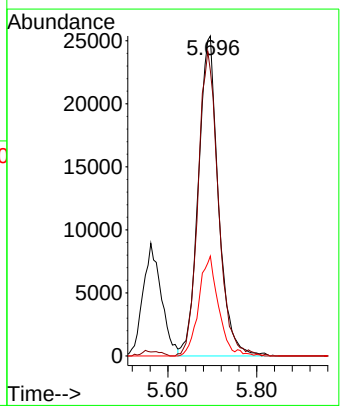
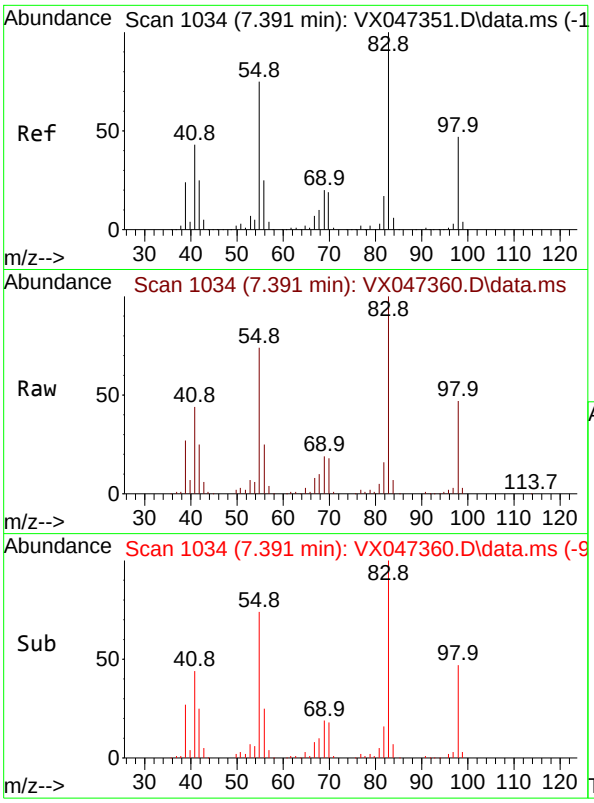


#38
Carbon Tetrachloride
Concen: 16.754 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion:117 Resp: 79632

Ion	Ratio	Lower	Upper
117	100		
119	89.2	78.5	117.7
121	31.2	24.7	37.1





#39
Methylcyclohexane
Concen: 16.858 ug/l
RT: 7.391 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 83 Resp: 9146

Ion	Ratio	Lower	Upper
83	100		
55	74.1	60.0	90.0
98	47.1	37.2	55.8

Instrument :
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ClientSampleId :
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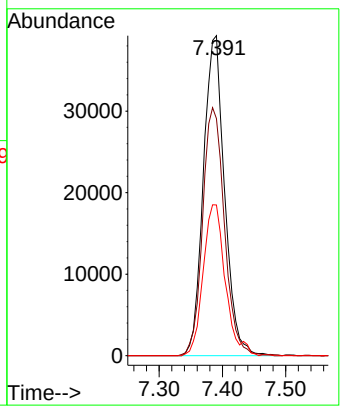
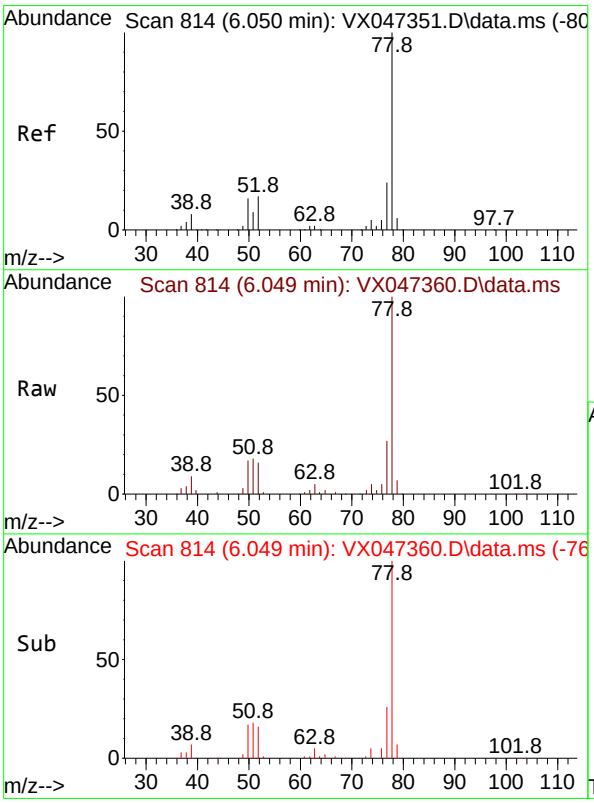
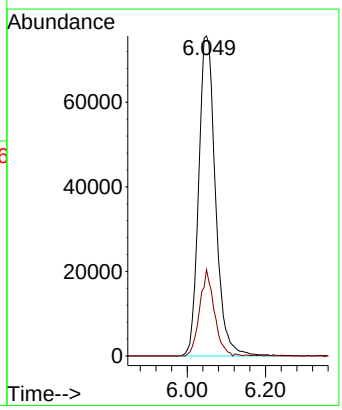


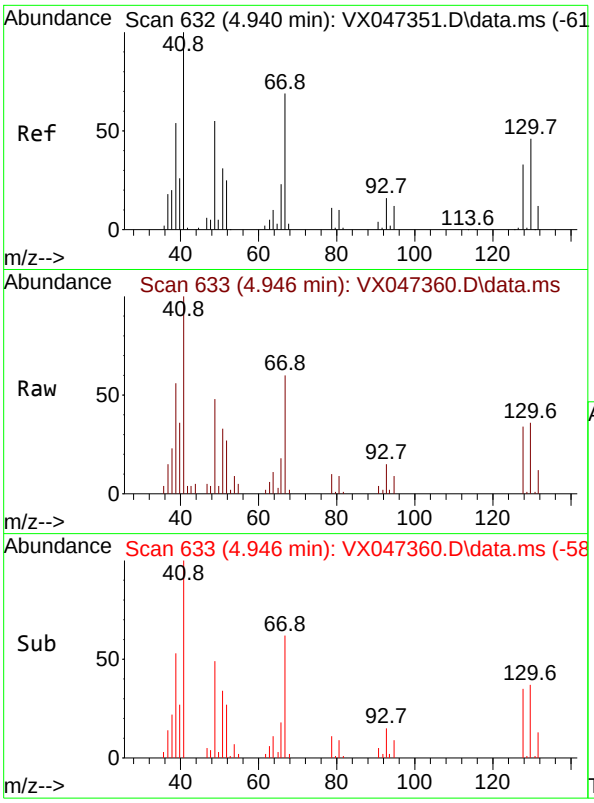


#40
Benzene
Concen: 17.304 ug/l
RT: 6.049 min Scan# 814
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 78 Resp: 225273

Ion	Ratio	Lower	Upper
78	100		
77	27.0	19.0	28.4

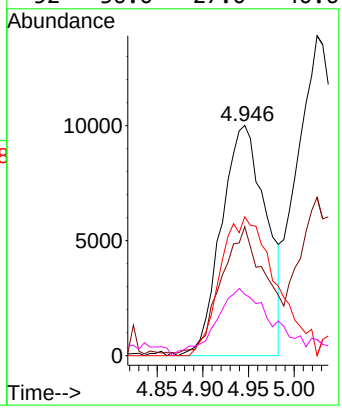




#41
Methacrylonitrile
Concen: 17.859 ug/l
RT: 4.946 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 41 Resp: 3400

Ion	Ratio	Lower	Upper
41	100		
39	55.6	45.4	68.2
67	75.1	64.0	96.0
52	36.0	27.0	40.6



Instrument :
MSVOA_X
ClientSampleId :
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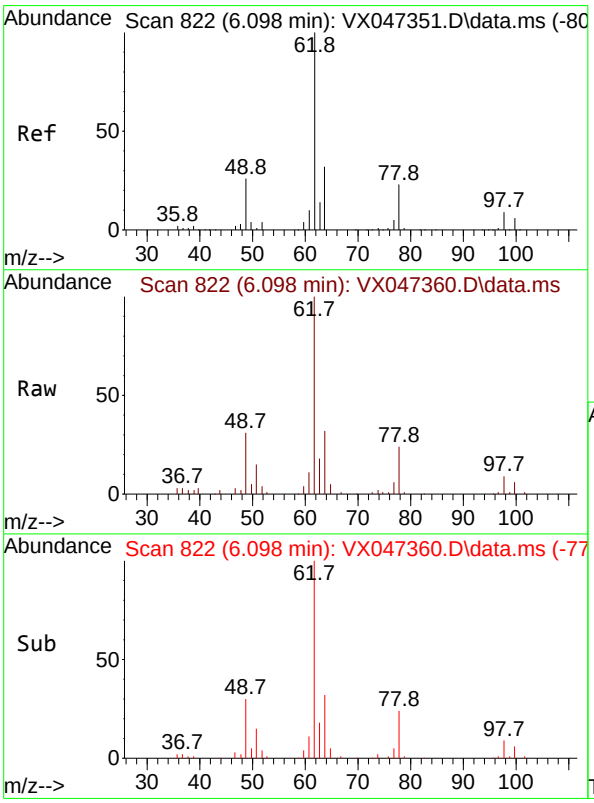
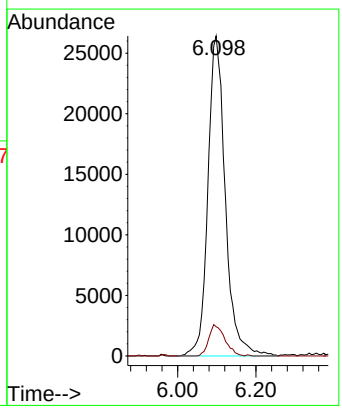
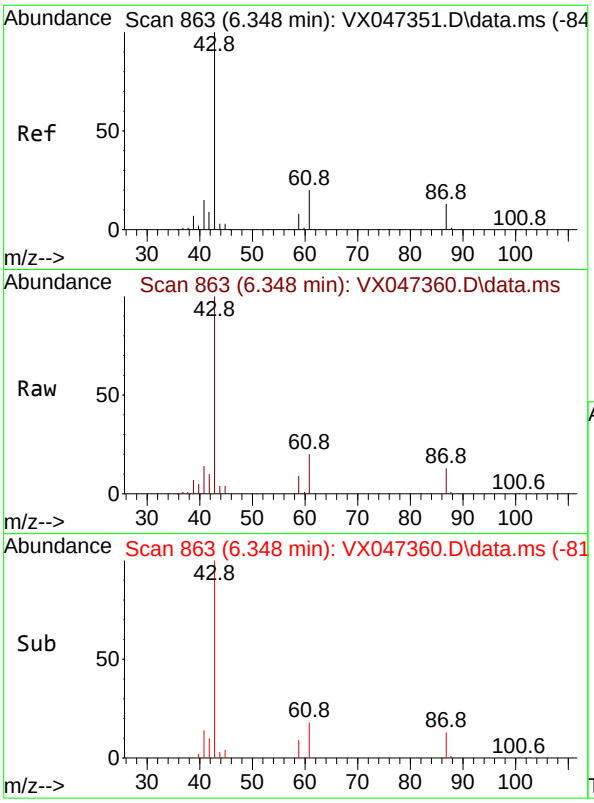


#42
1,2-Dichloroethane
Concen: 17.609 ug/l
RT: 6.098 min Scan# 822
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 62 Resp: 81200

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.0

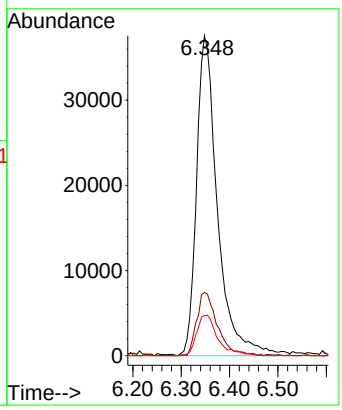




#43
Isopropyl Acetate
Concen: 17.388 ug/l
RT: 6.348 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 43 Resp: 11279

Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.4	23.0
87	12.8	10.2	15.4



Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

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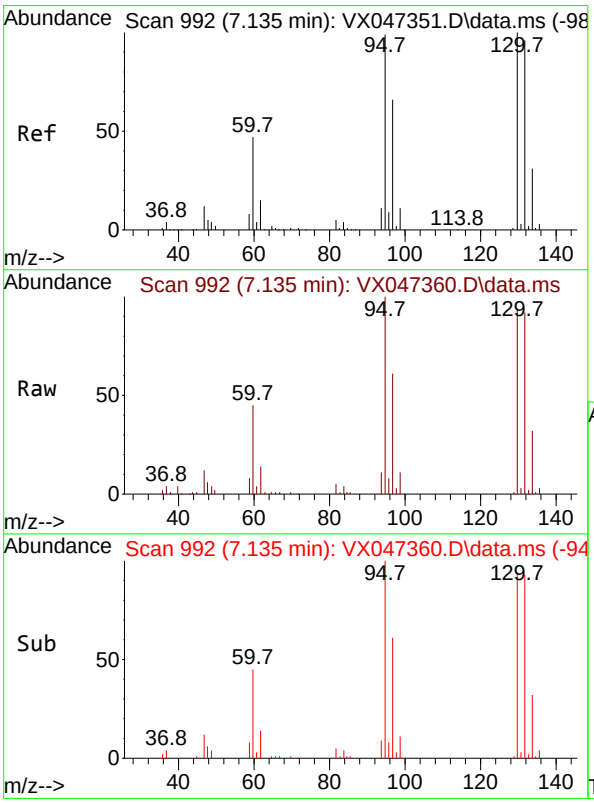
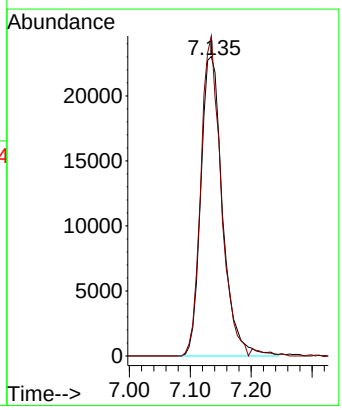
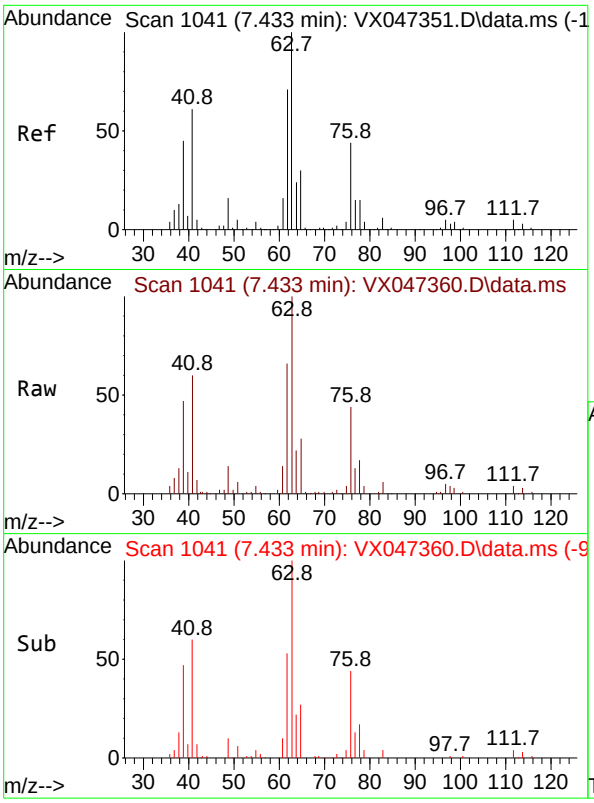


#44
Trichloroethene
Concen: 17.133 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion:130 Resp: 57113

Ion	Ratio	Lower	Upper
130	100		
95	106.8	0.0	198.6





#45
1,2-Dichloropropane
Concen: 17.159 ug/l
RT: 7.433 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 63 Resp: 5596

Ion	Ratio	Lower	Upper
63	100		
65	28.0	23.8	35.6

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

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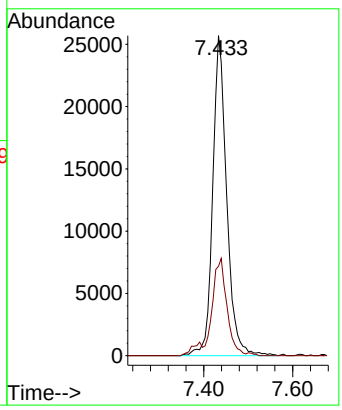
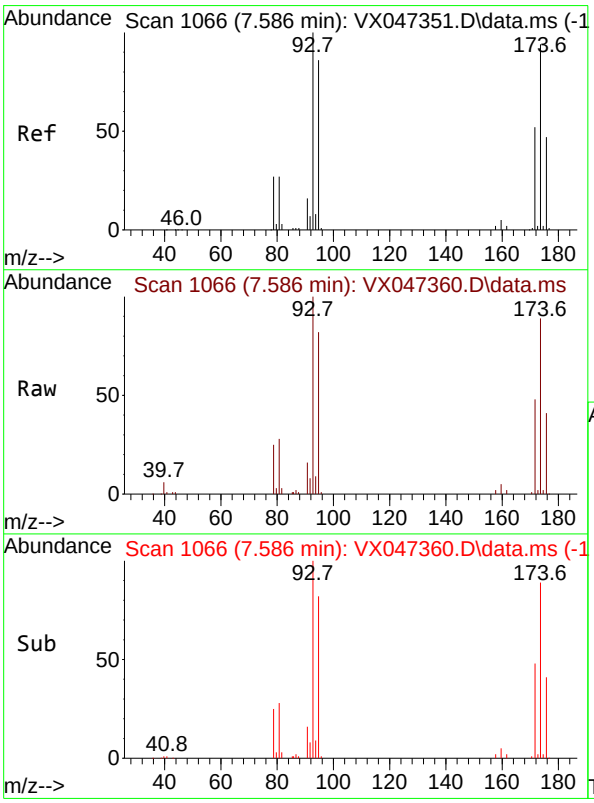
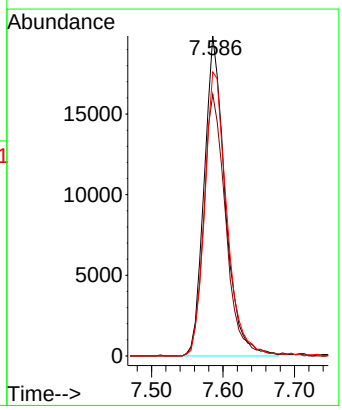


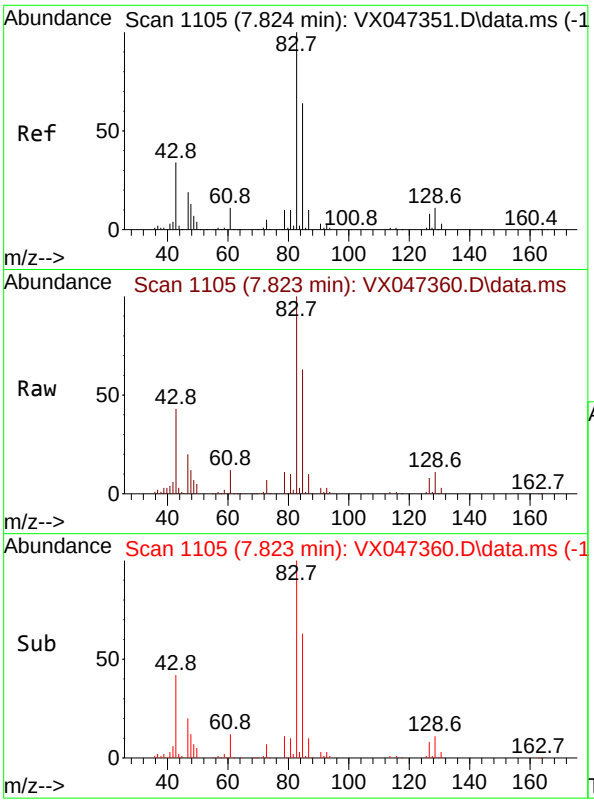


#46
Dibromomethane
Concen: 17.074 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 93 Resp: 40428

Ion	Ratio	Lower	Upper
93	100		
95	85.6	68.0	102.0
174	93.9	75.8	113.6

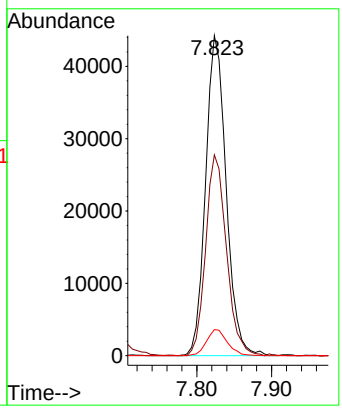




#47
Bromodichloromethane
Concen: 17.204 ug/l
RT: 7.823 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 83 Resp: 8444

Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.0	76.6
127	8.1	7.0	10.4



Instrument :
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ClientSampleId :
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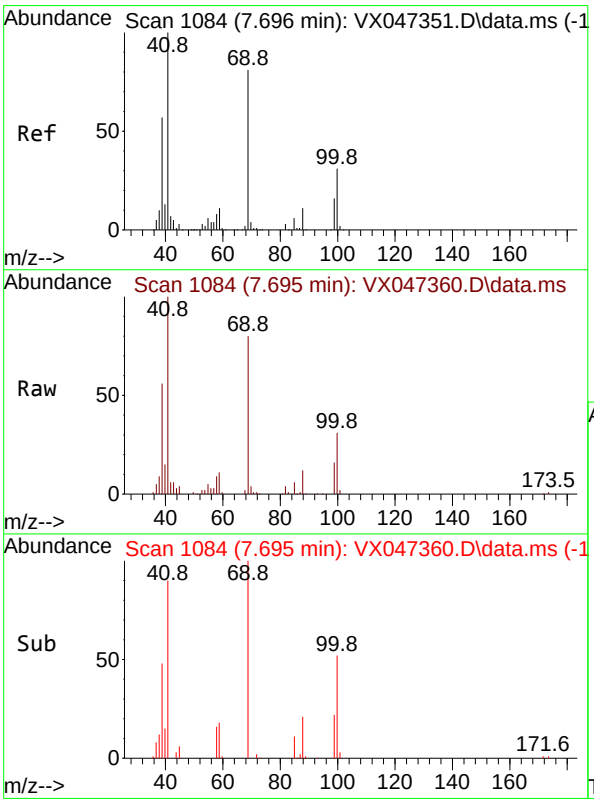
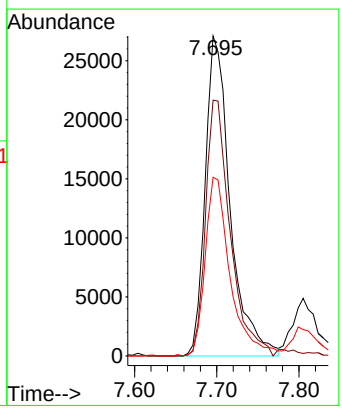
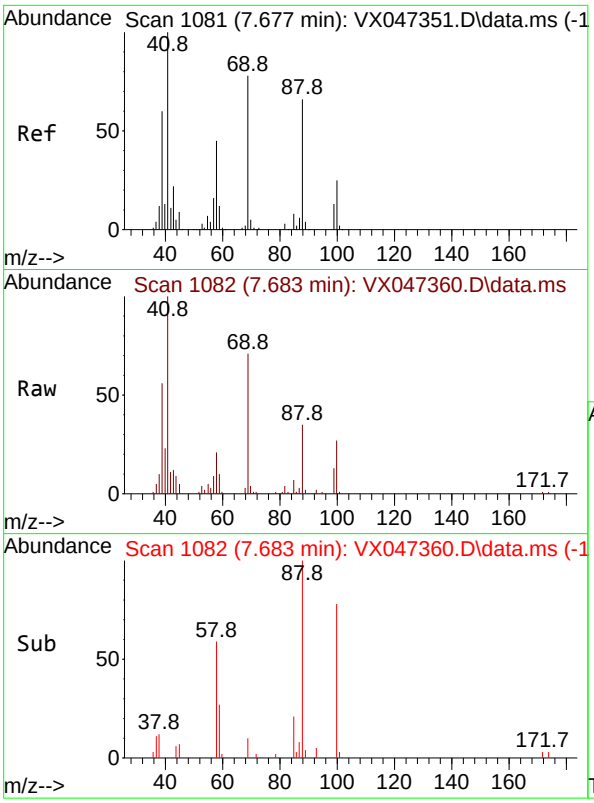


#48
Methyl methacrylate
Concen: 16.998 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 41 Resp: 57232

Ion	Ratio	Lower	Upper
41	100		
69	78.7	65.0	97.4
39	55.8	45.7	68.5





#49
1,4-Dioxane
Concen: 335.393 ug/l m
RT: 7.683 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 88 Resp: 1097

Ion	Ratio	Lower	Upper
88	100		
43	41.8	32.4	48.6
58	66.4	56.9	85.3

Instrument :
MSVOA_X
ClientSampleId :
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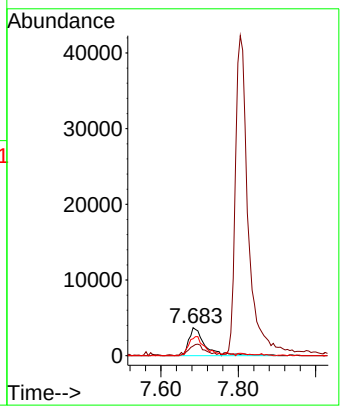
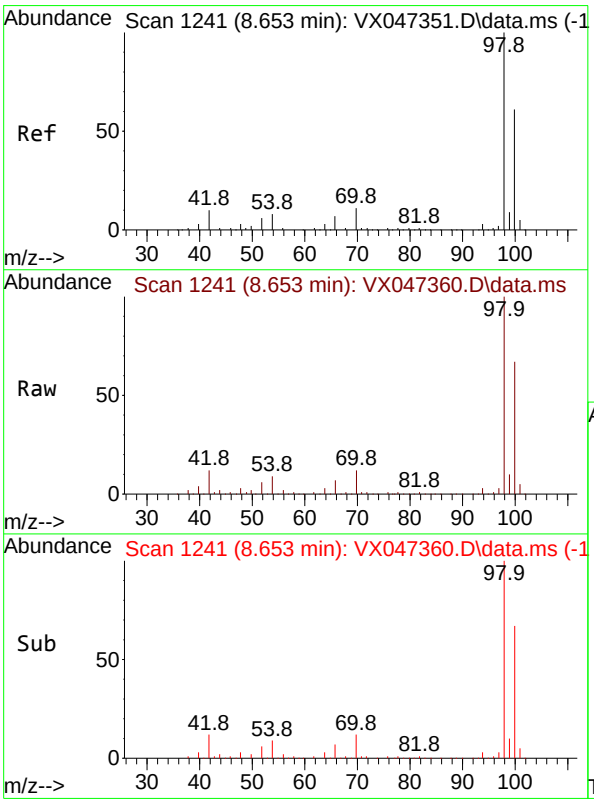
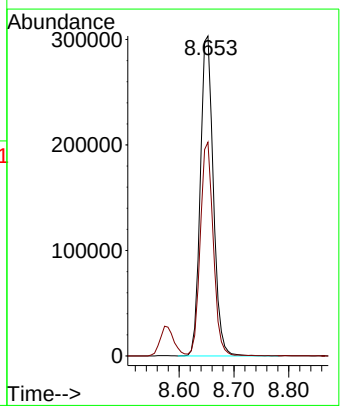


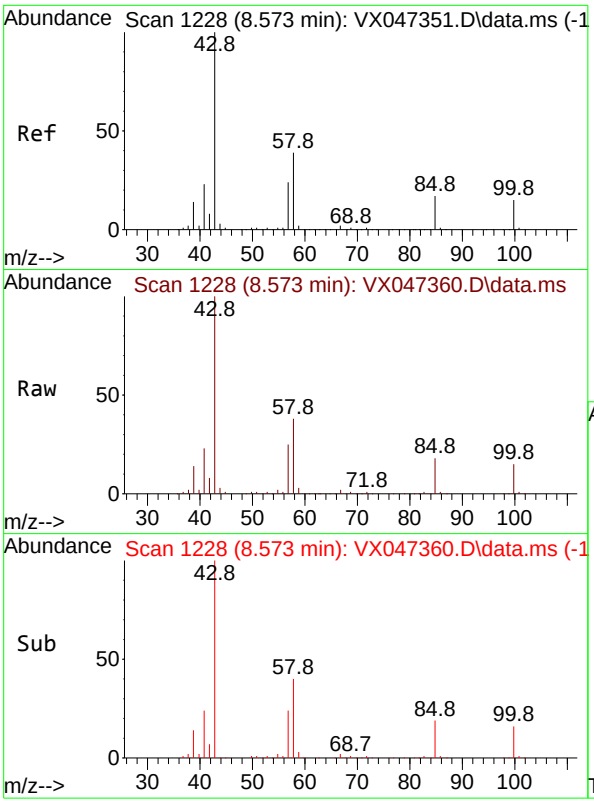


#50
Toluene-d8
Concen: 50.785 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 98 Resp: 500139

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.9	80.9

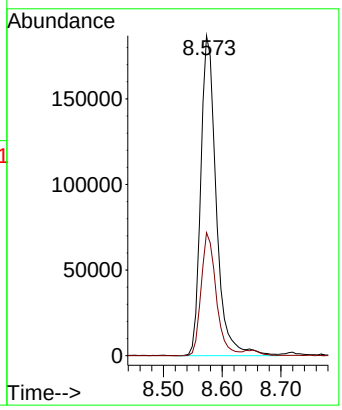




#51
4-Methyl-2-Pentanone
Concen: 91.962 ug/l
RT: 8.573 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 43 Resp: 34328

Ion	Ratio	Lower	Upper
43	100		
58	37.2	31.2	46.8



Instrument :
MSVOA_X
ClientSampleId :
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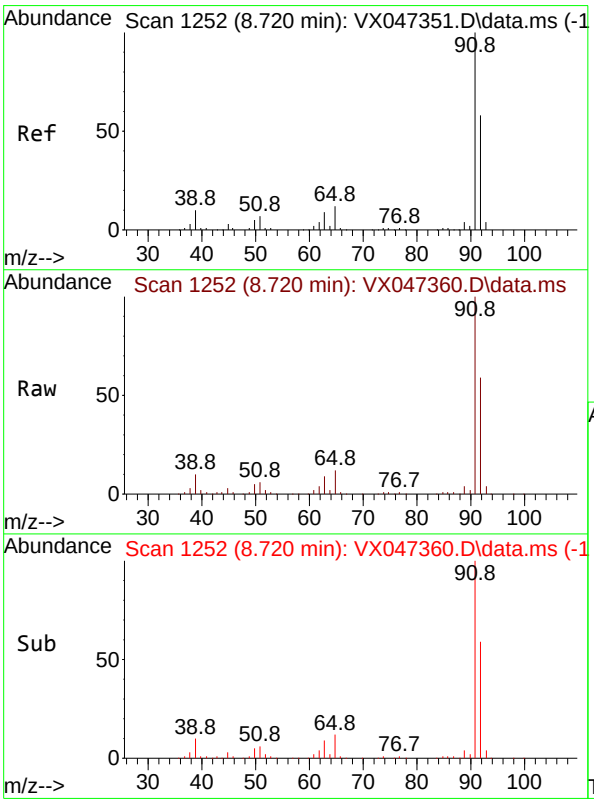
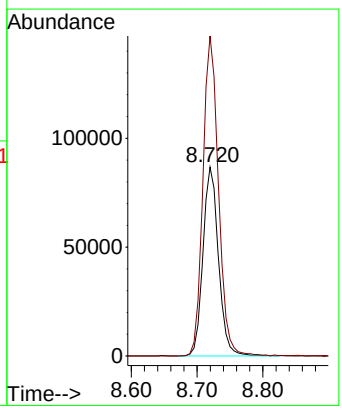
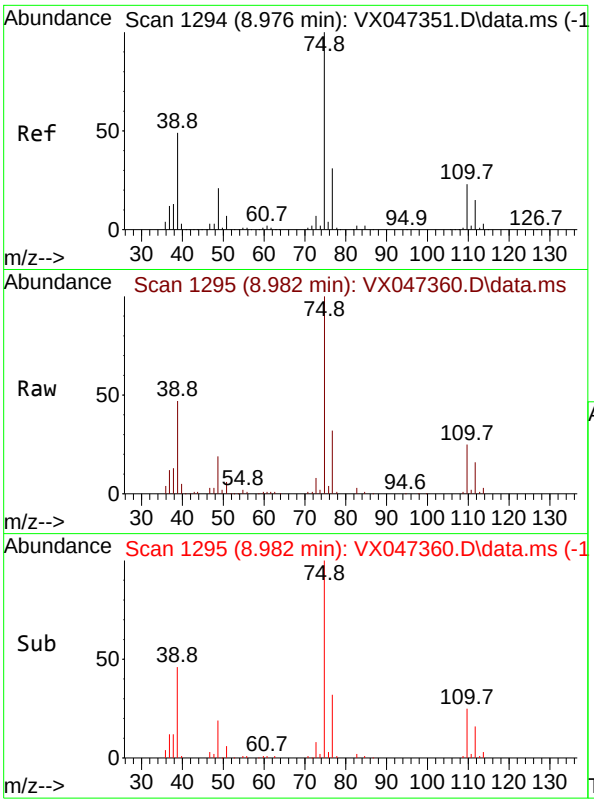


#52
Toluene
Concen: 17.648 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 92 Resp: 141973

Ion	Ratio	Lower	Upper
92	100		
91	170.3	136.3	204.5

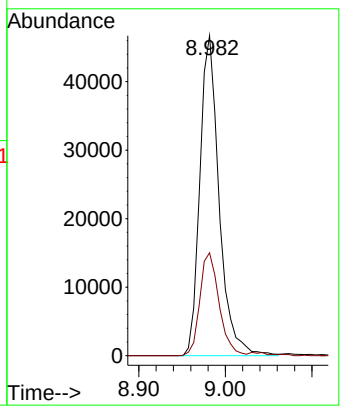




#53
t-1,3-Dichloropropene
Concen: 16.867 ug/l
RT: 8.982 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 75 Resp: 7225

Ion	Ratio	Lower	Upper
75	100		
77	32.2	24.7	37.1



Instrument :
MSVOA_X
ClientSampleId :
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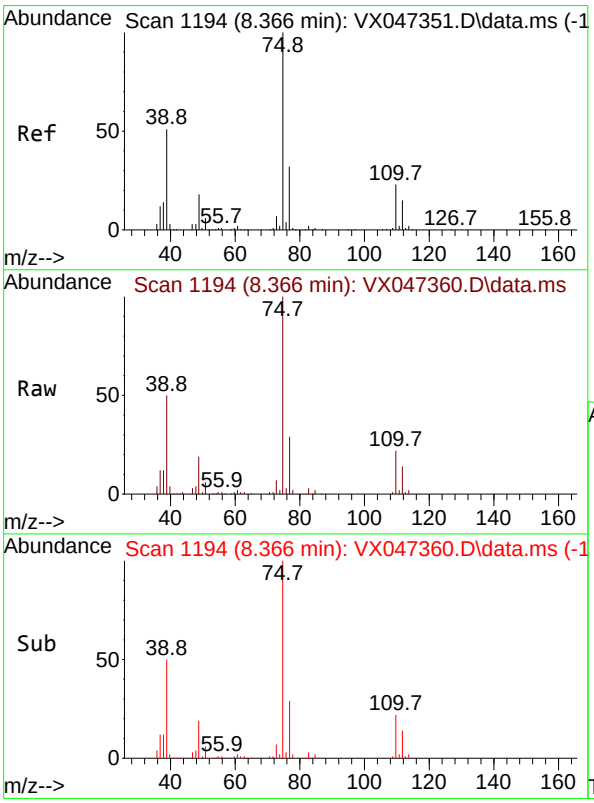
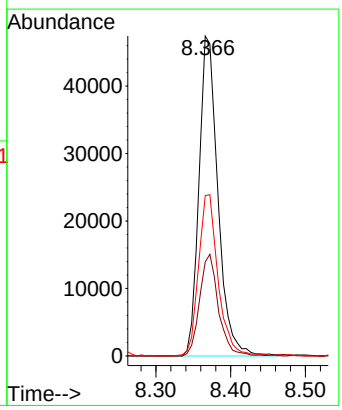
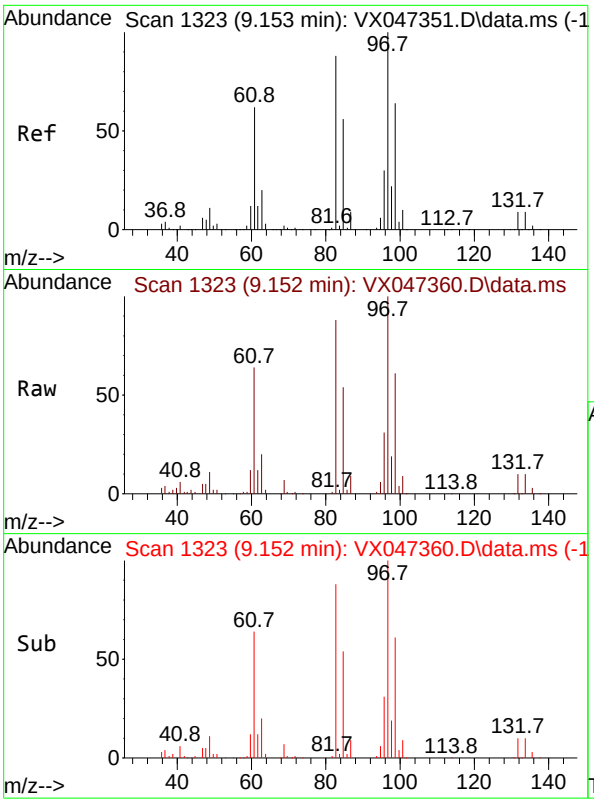


#54
cis-1,3-Dichloropropene
Concen: 17.198 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 75 Resp: 83395

Ion	Ratio	Lower	Upper
75	100		
77	29.4	25.6	38.4
39	49.9	40.9	61.3

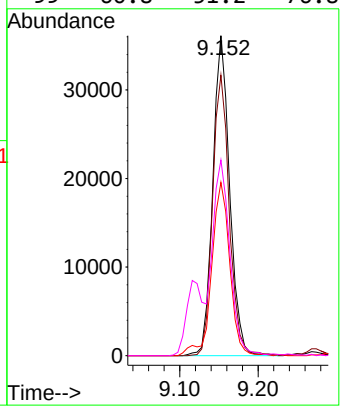




#55
1,1,2-Trichloroethane
Concen: 17.674 ug/l
RT: 9.152 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 97 Resp: 5398

Ion	Ratio	Lower	Upper
97	100		
83	87.7	70.6	106.0
85	54.1	44.7	67.1
99	60.8	51.2	76.8



Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

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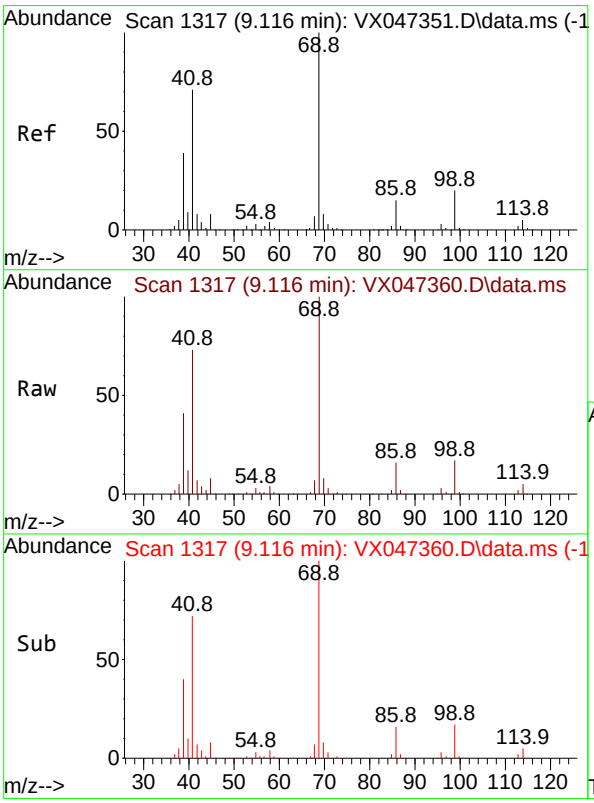
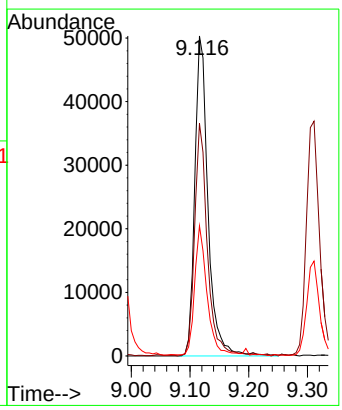
Supervised By :Mahesh Dadoda 08/19/2025

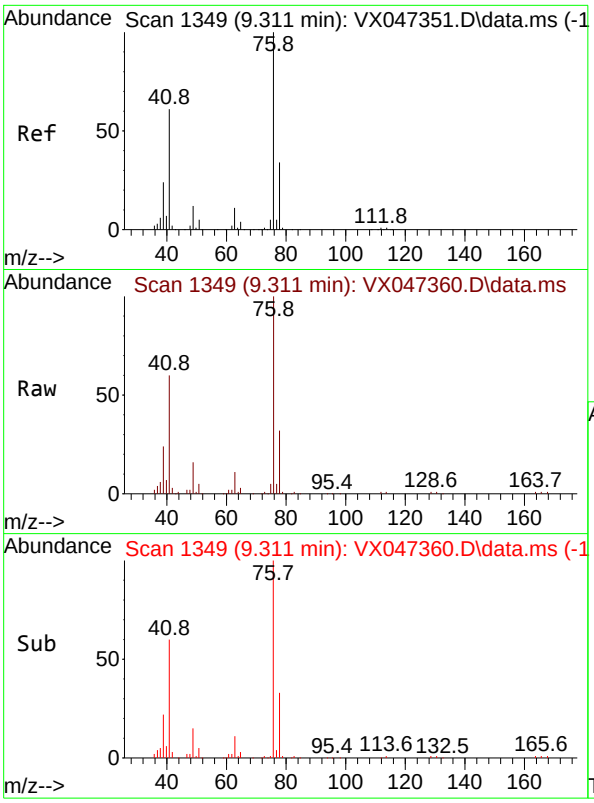


#56
Ethyl methacrylate
Concen: 17.431 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 69 Resp: 78496

Ion	Ratio	Lower	Upper
69	100		
41	70.2	55.3	82.9
39	37.3	30.2	45.2

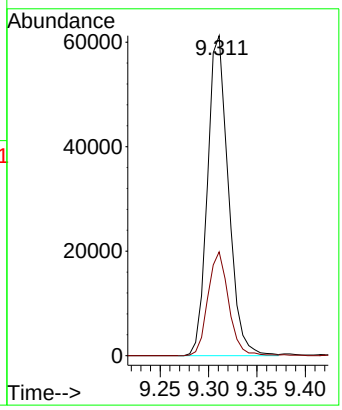




#57
1,3-Dichloropropane
Concen: 17.710 ug/l
RT: 9.311 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 76 Resp: 9217

Ion	Ratio	Lower	Upper
76	100		
78	32.1	26.2	39.2



Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

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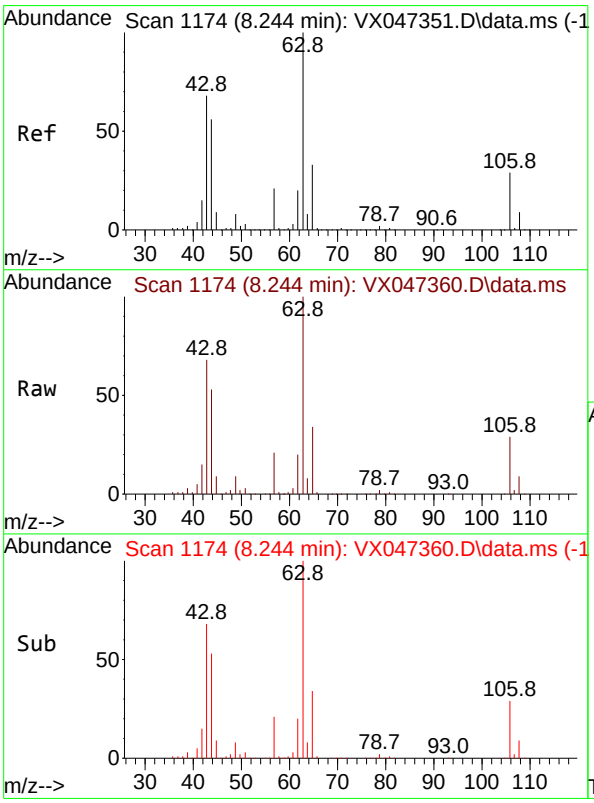
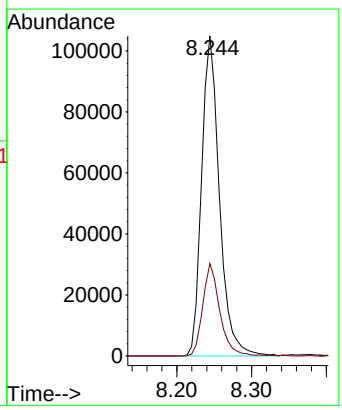
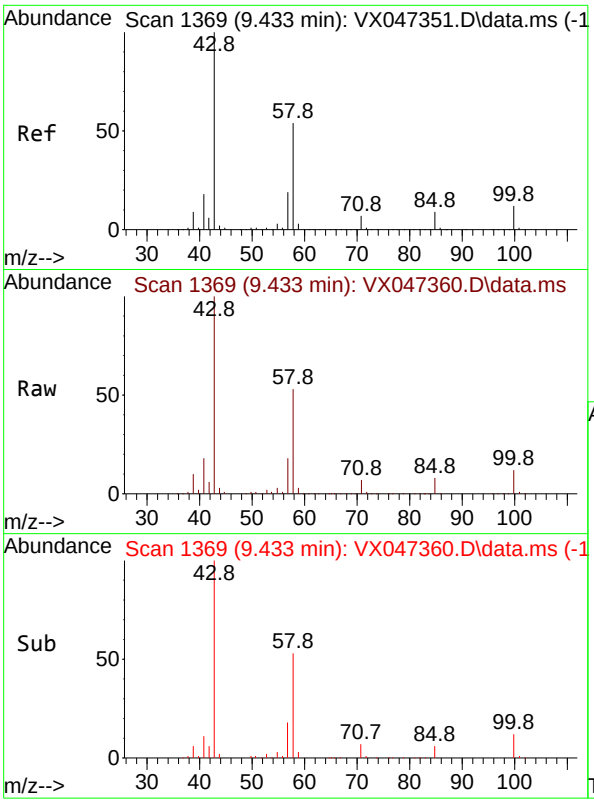


#58
2-Chloroethyl Vinyl ether
Concen: 86.358 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 63 Resp: 173530

Ion	Ratio	Lower	Upper
63	100		
106	27.7	22.8	34.2





#59
2-Hexanone
Concen: 92.295 ug/l
RT: 9.433 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 43 Resp: 23831

Ion	Ratio	Lower	Upper
43	100		
58	53.4	26.9	80.7

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

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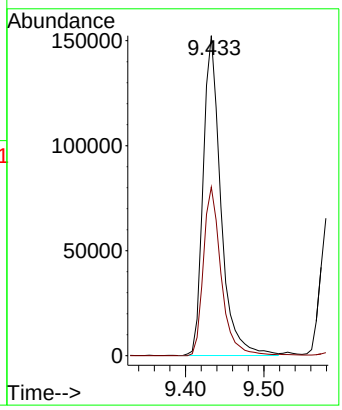
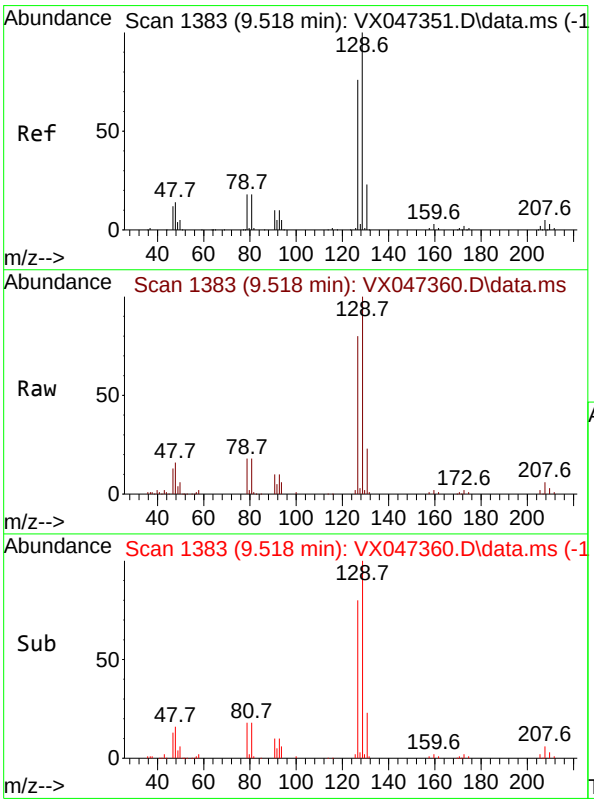
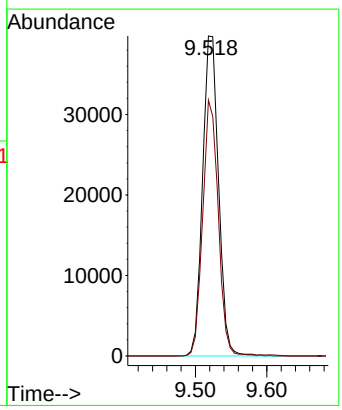


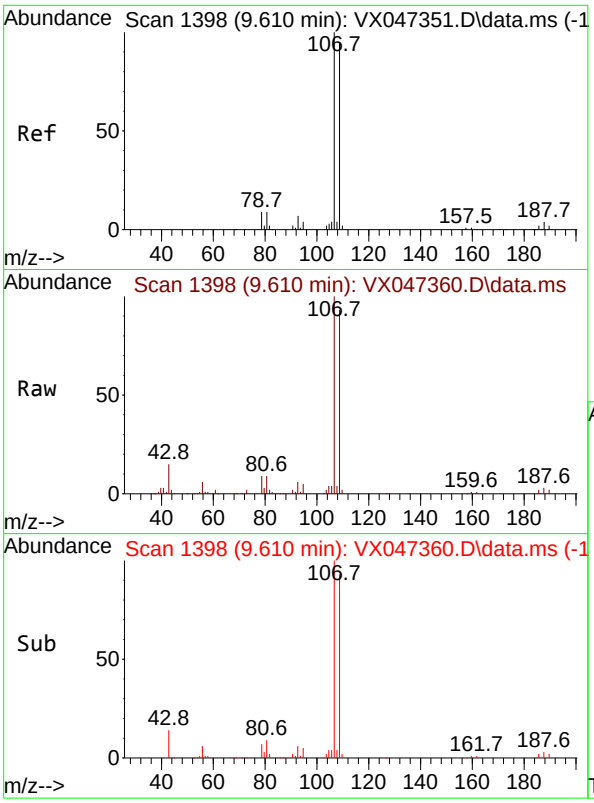


#60
Dibromochloromethane
Concen: 16.985 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion:129 Resp: 61652

Ion	Ratio	Lower	Upper
129	100		
127	77.6	38.9	116.6





#61
1,2-Dibromoethane
Concen: 17.655 ug/l
RT: 9.610 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion:107 Resp: 5560

Ion	Ratio	Lower	Upper
107	100		
109	94.6	76.2	114.2

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

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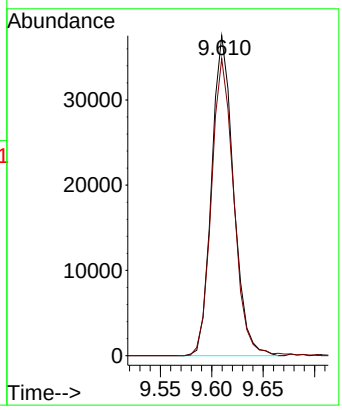
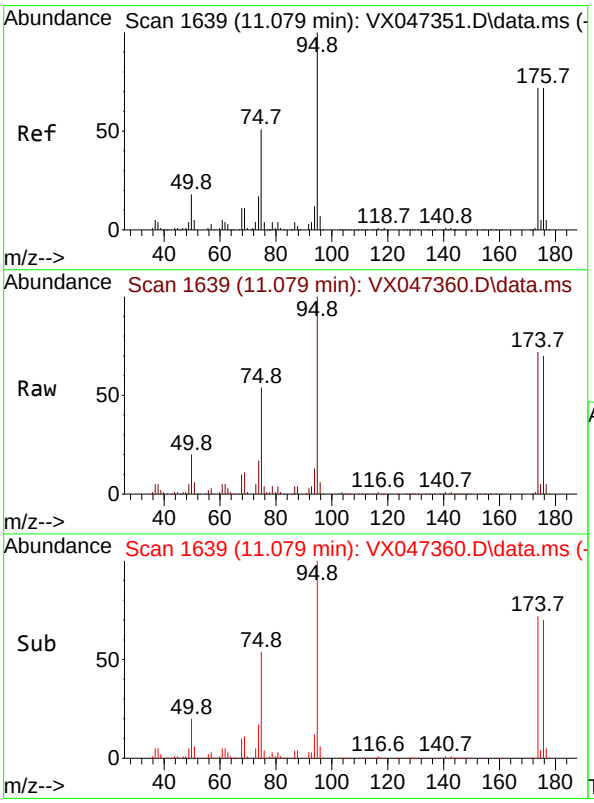
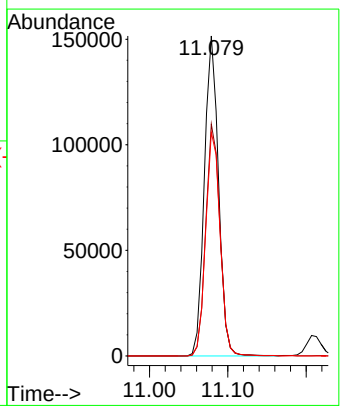


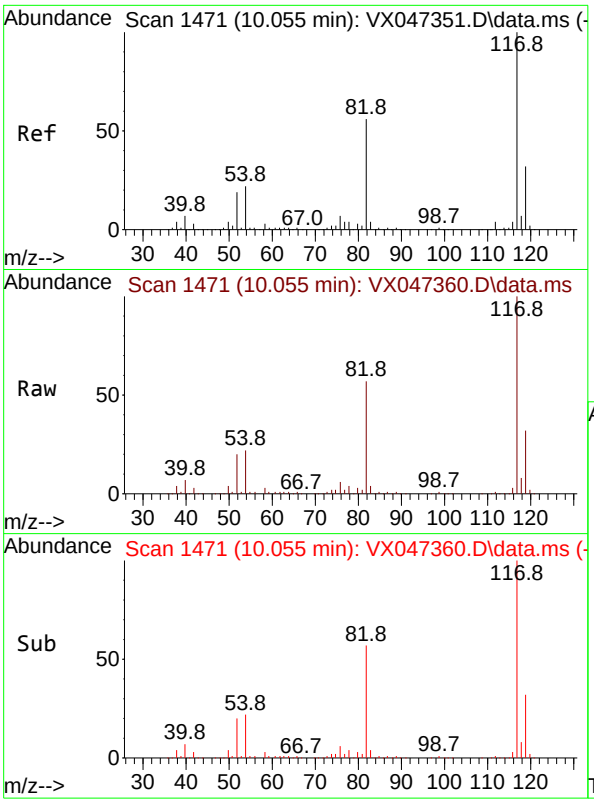


#62
4-Bromofluorobenzene
Concen: 52.150 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 95 Resp: 189520

Ion	Ratio	Lower	Upper
95	100		
174	73.0	0.0	148.0
176	71.3	0.0	145.4

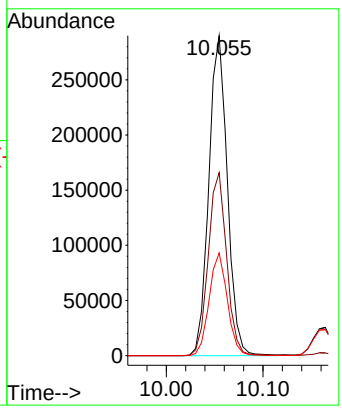




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion:117 Resp: 38599

Ion	Ratio	Lower	Upper
117	100		
82	57.2	45.0	67.4
119	32.1	25.8	38.8



Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

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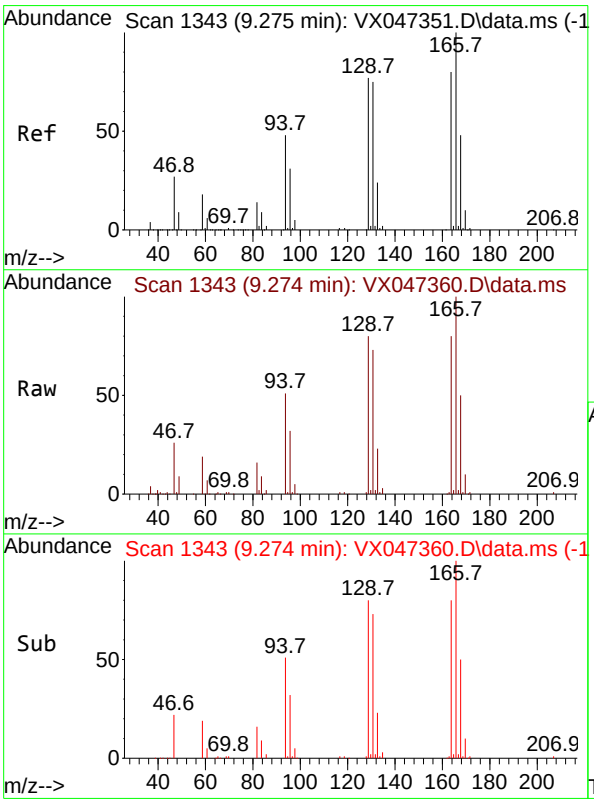
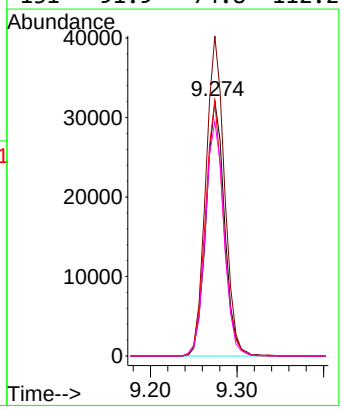
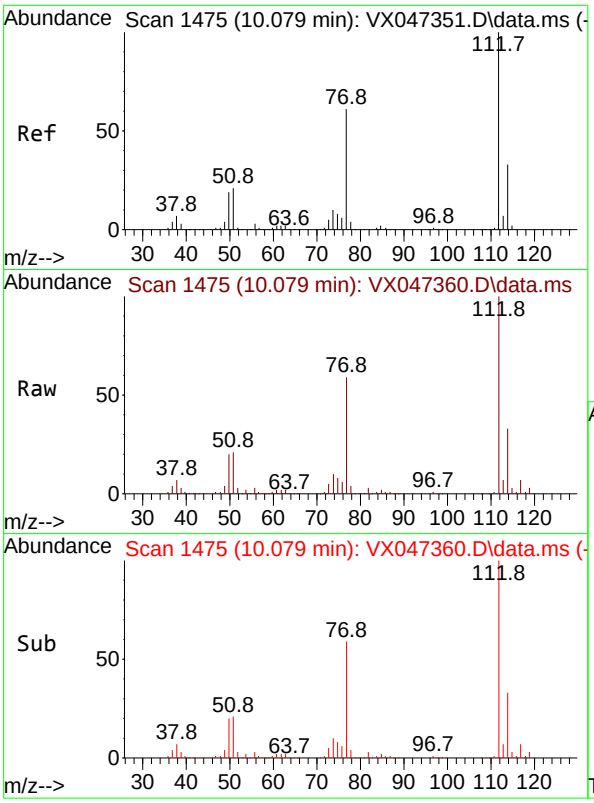


#64
Tetrachloroethene
Concen: 16.905 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion:164 Resp: 47199

Ion	Ratio	Lower	Upper
164	100		
166	125.6	100.3	150.5
129	100.0	77.7	116.5
131	91.9	74.8	112.2





#65
Chlorobenzene
Concen: 16.966 ug/l
RT: 10.079 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion:112 Resp: 15562

Ion	Ratio	Lower	Upper
112	100		
114	32.9	26.4	39.6

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

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Reviewed By :John Carlone 08/18/2025
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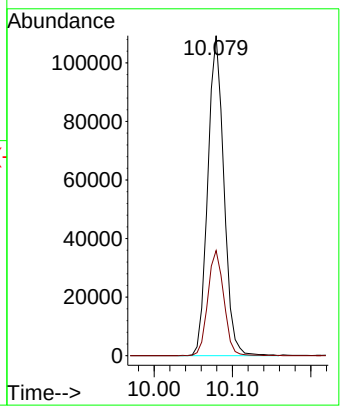
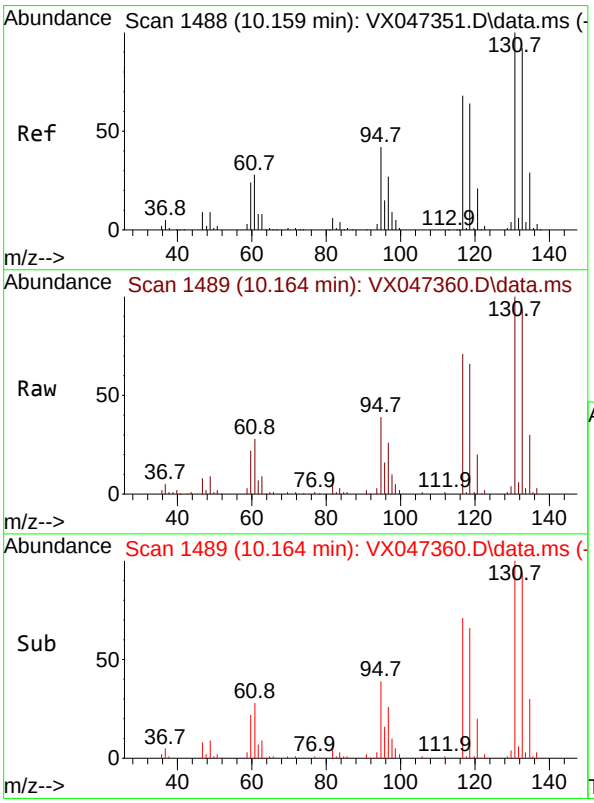
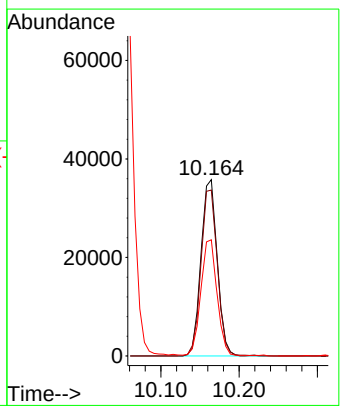


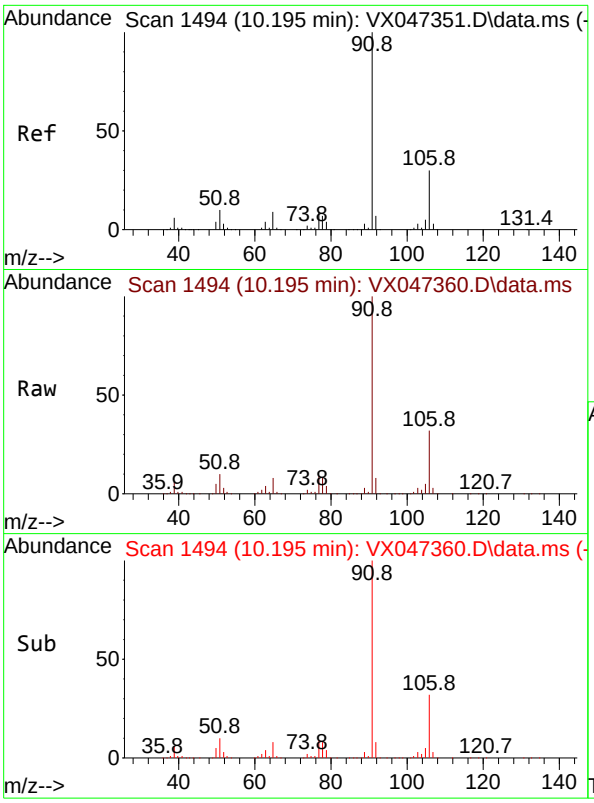


#66
1,1,1,2-Tetrachloroethane
Concen: 16.651 ug/l
RT: 10.164 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion:131 Resp: 51630

Ion	Ratio	Lower	Upper
131	100		
133	94.4	47.6	142.9
119	65.1	32.3	96.8





#67
Ethyl Benzene
Concen: 17.116 ug/l
RT: 10.195 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 91 Resp: 27021

Ion	Ratio	Lower	Upper
91	100		
106	32.0	24.4	36.6

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

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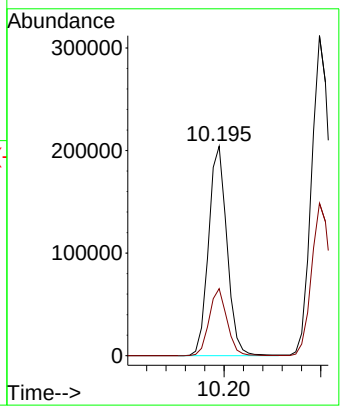
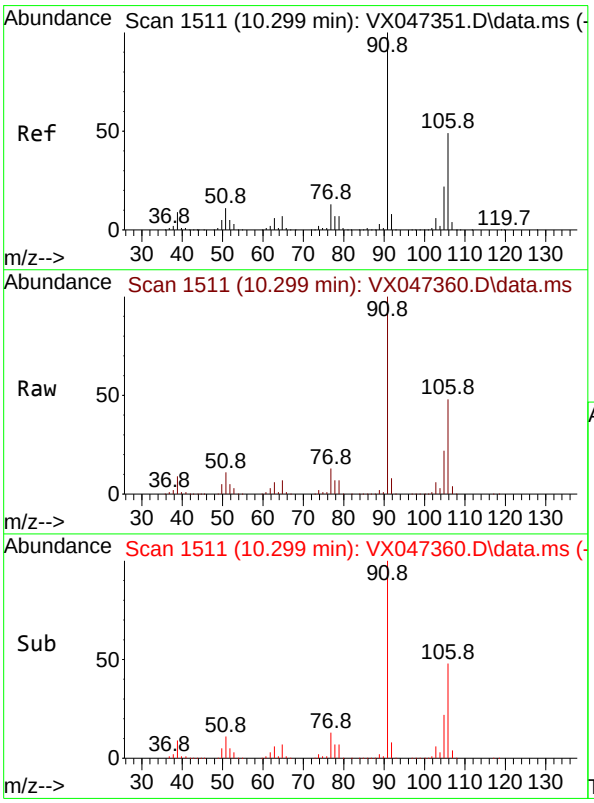
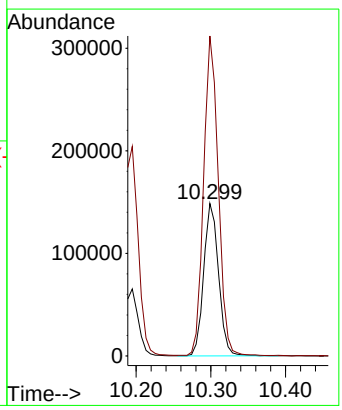


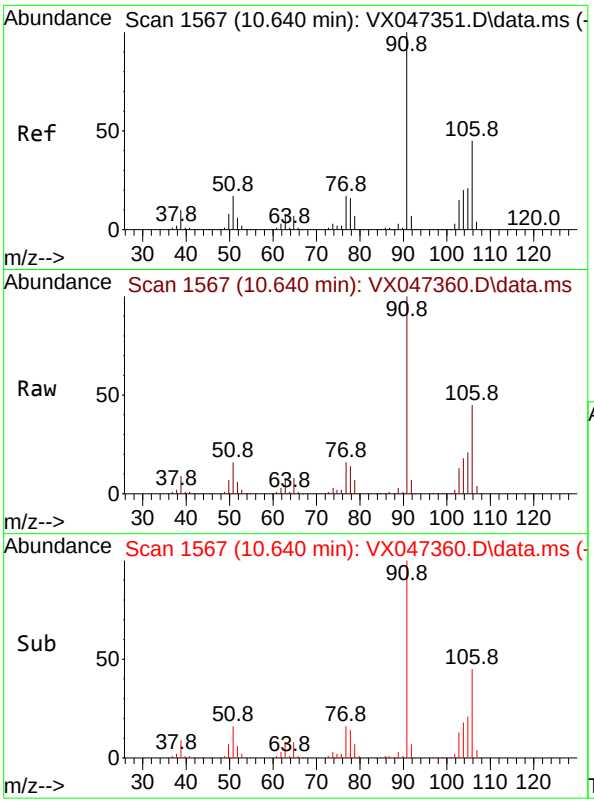


#68
m/p-Xylenes
Concen: 34.739 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion:106 Resp: 204503

Ion	Ratio	Lower	Upper
106	100		
91	207.2	164.7	247.1

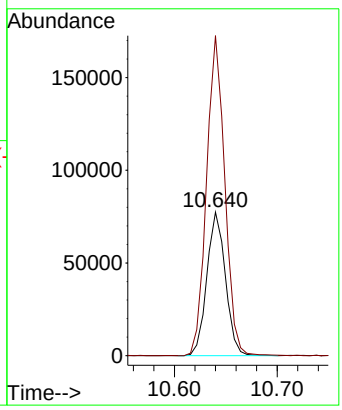




#69
o-Xylene
Concen: 17.142 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion:106 Resp: 9711

Ion	Ratio	Lower	Upper
106	100		
91	219.4	110.6	331.8



Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

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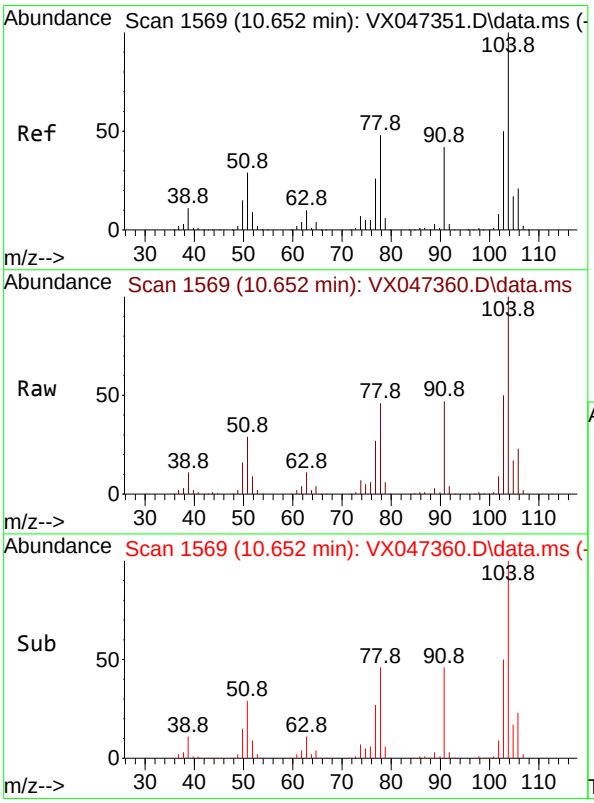
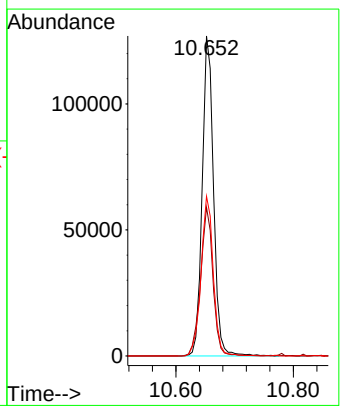
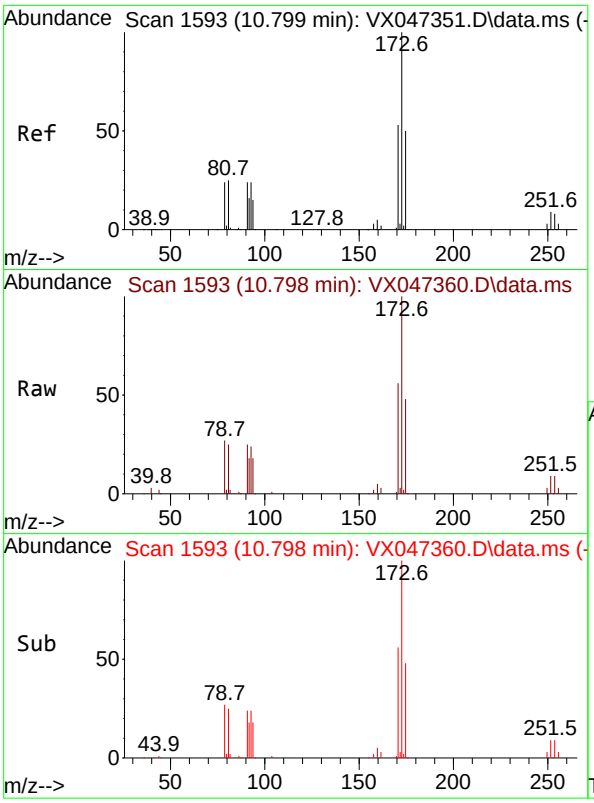


#70
Styrene
Concen: 17.798 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion:104 Resp: 170364

Ion	Ratio	Lower	Upper
104	100		
78	50.9	41.8	62.8
103	54.0	43.6	65.4

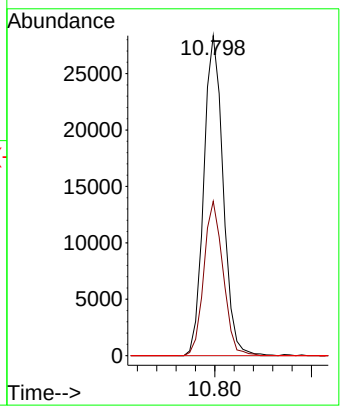




#71
Bromoform
Concen: 16.944 ug/l
RT: 10.798 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion:173 Resp: 3947

Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.4	73.4
254	0.0	0.1	0.1



Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Manual Integrations
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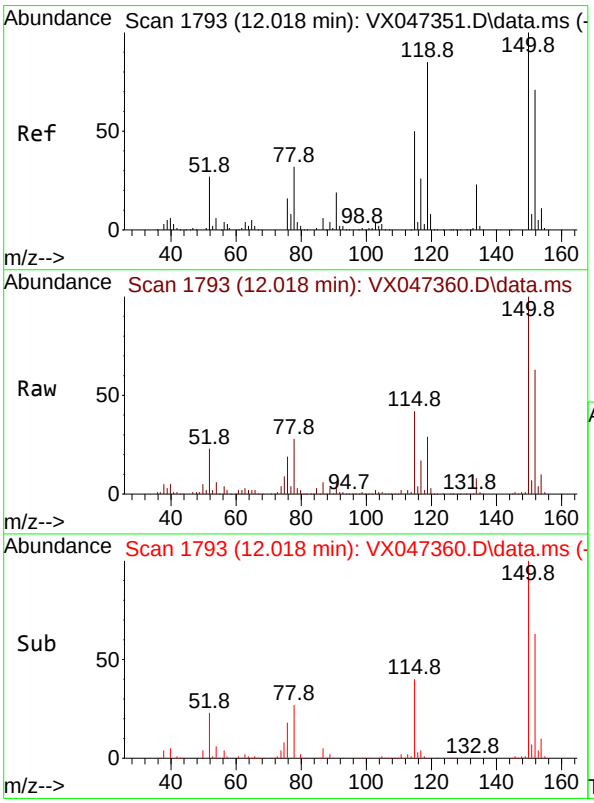
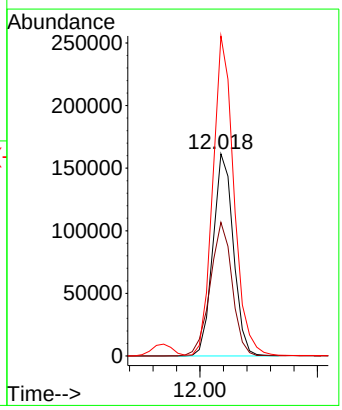
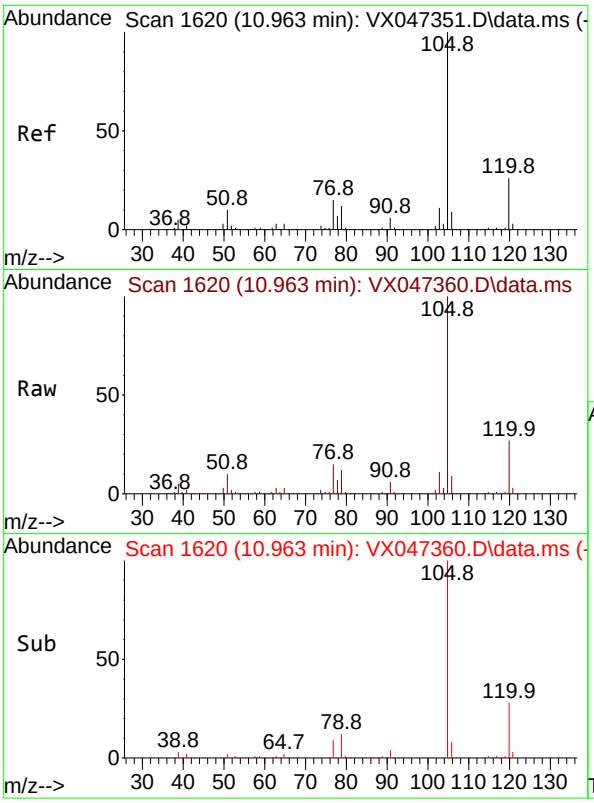


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion:152 Resp: 195233

Ion	Ratio	Lower	Upper
152	100		
115	71.2	44.6	133.8
150	163.4	0.0	349.8

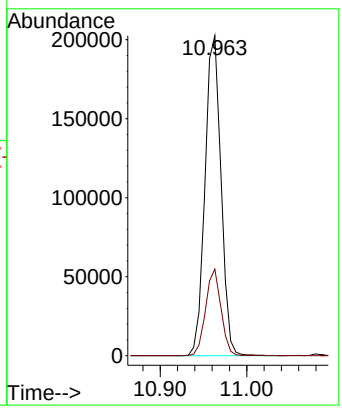




#73
Isopropylbenzene
Concen: 17.013 ug/l
RT: 10.963 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion:105 Resp: 25992

Ion	Ratio	Lower	Upper
105	100		
120	26.0	12.9	38.6



Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

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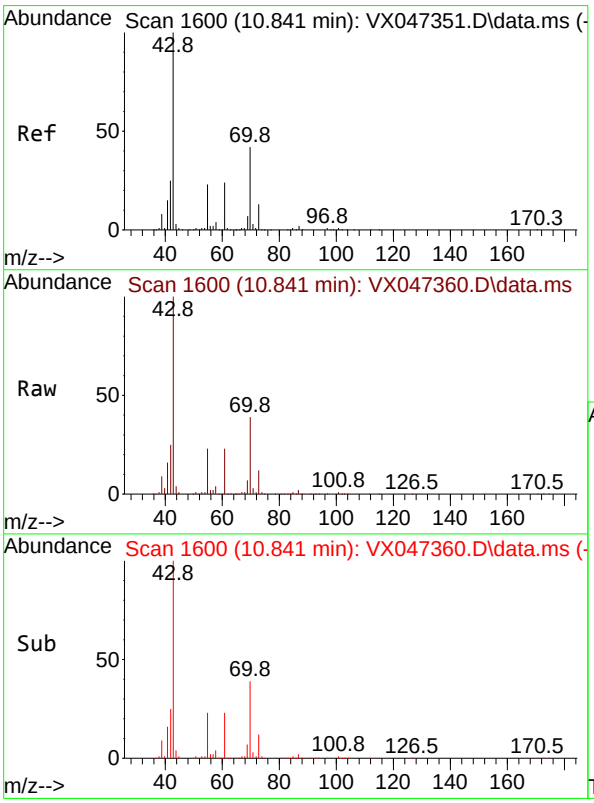
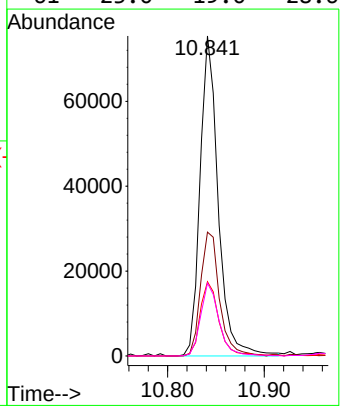
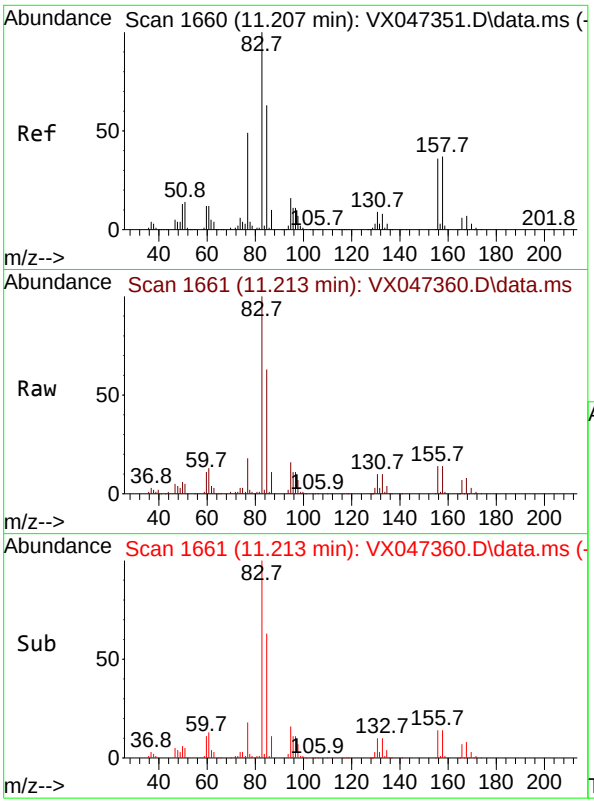


#74
N-amyl acetate
Concen: 16.961 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 43 Resp: 98400

Ion	Ratio	Lower	Upper
43	100		
70	40.5	33.1	49.7
55	24.2	19.0	28.6
61	23.0	19.0	28.6

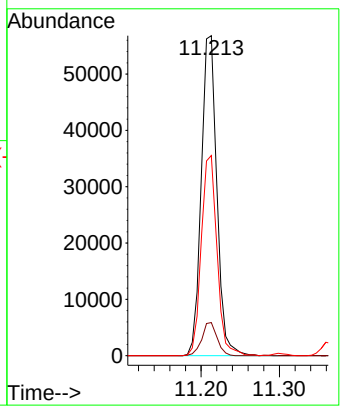




#75
1,1,2,2-Tetrachloroethane
Concen: 17.479 ug/l
RT: 11.213 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 83 Resp: 7840

Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.0	15.0
85	63.2	31.7	95.1



Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

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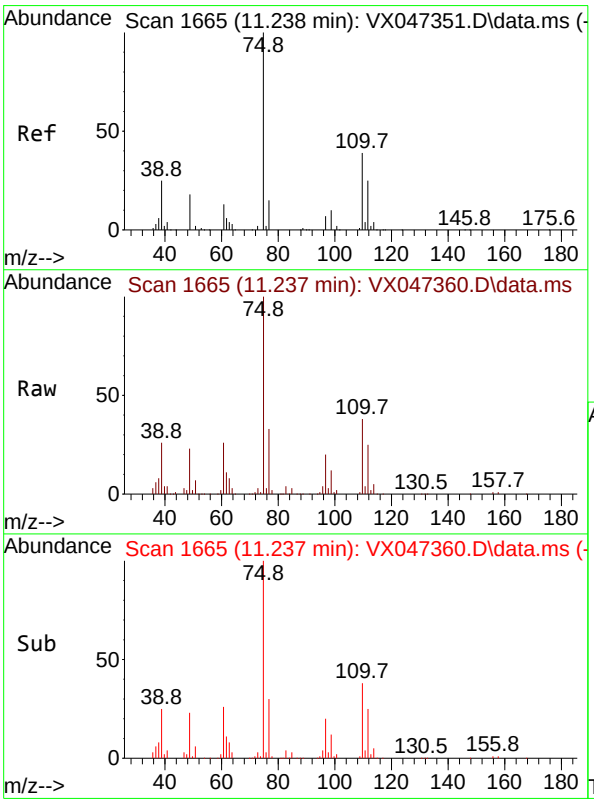
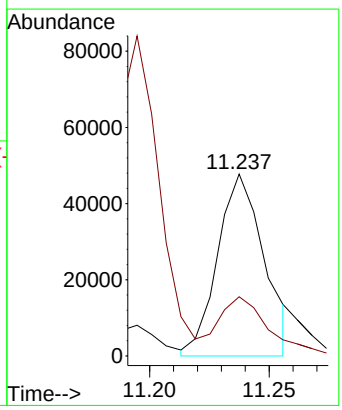
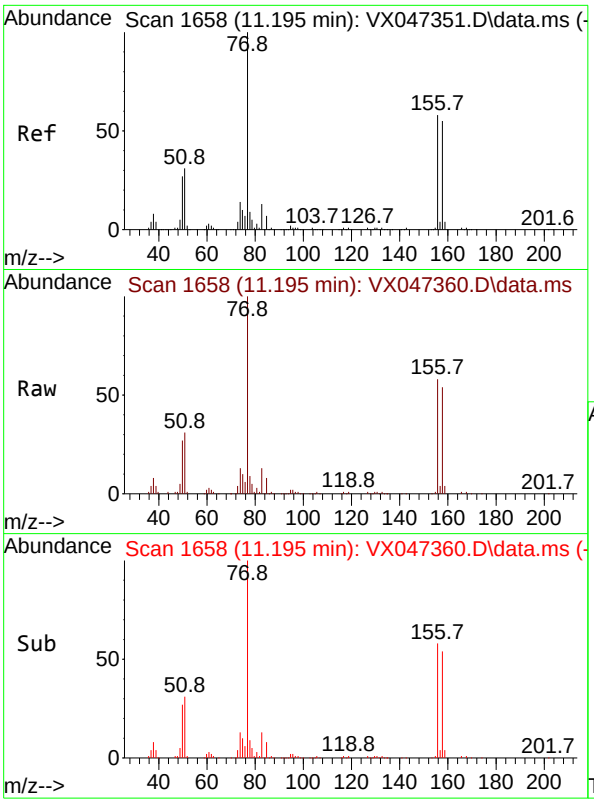


#76
1,2,3-Trichloropropane
Concen: 18.053 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 75 Resp: 64644

Ion	Ratio	Lower	Upper
75	100		
77	36.1	19.4	58.2





#77
Bromobenzene
Concen: 16.857 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion:156 Resp: 6288

Ion	Ratio	Lower	Upper
156	100		
77	170.5	86.3	258.9
158	96.5	48.0	144.2

Instrument :
MSVOA_X
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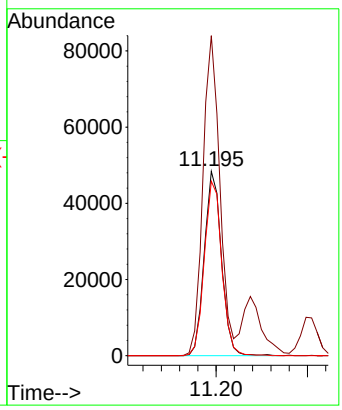
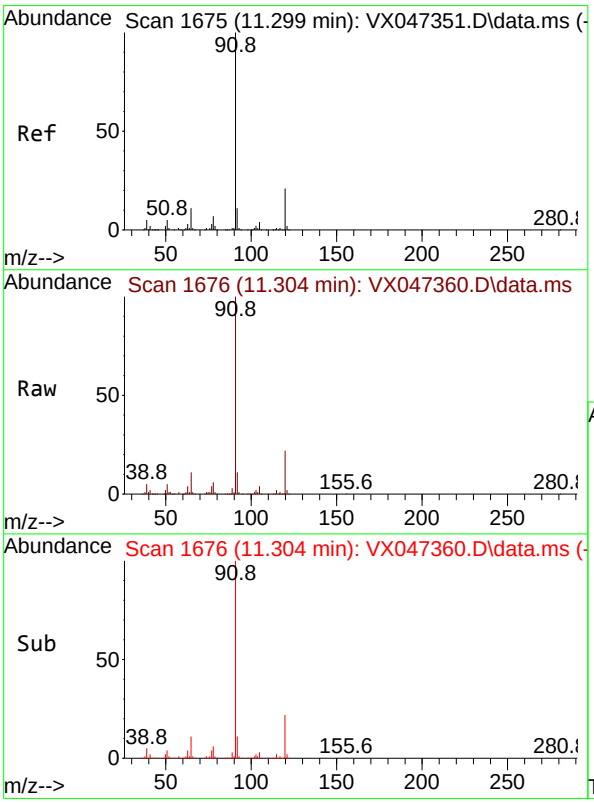
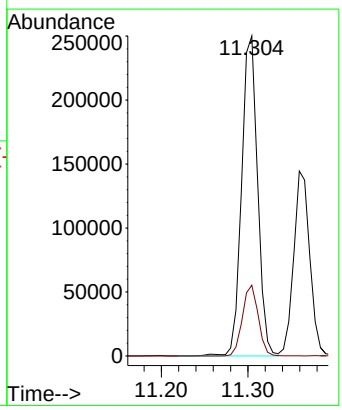


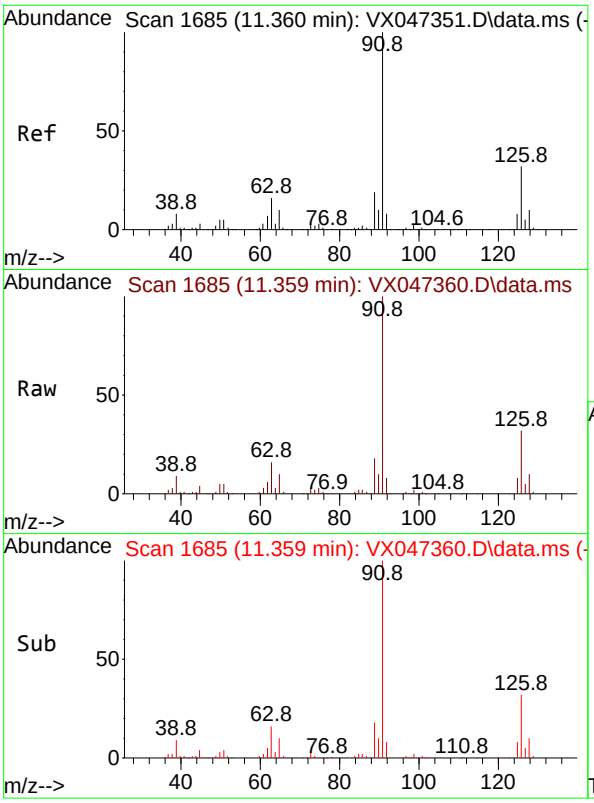


#78
n-propylbenzene
Concen: 17.563 ug/l
RT: 11.304 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 91 Resp: 320464

Ion	Ratio	Lower	Upper
91	100		
120	21.9	11.0	33.0





#79
2-Chlorotoluene
Concen: 16.887 ug/l
RT: 11.359 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 91 Resp: 18626

Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.7	50.1

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

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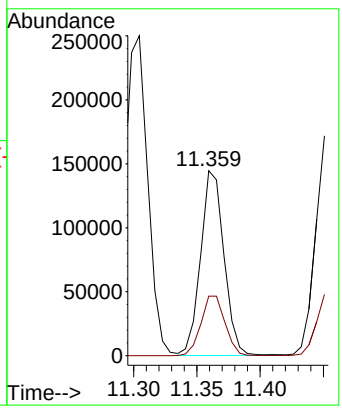
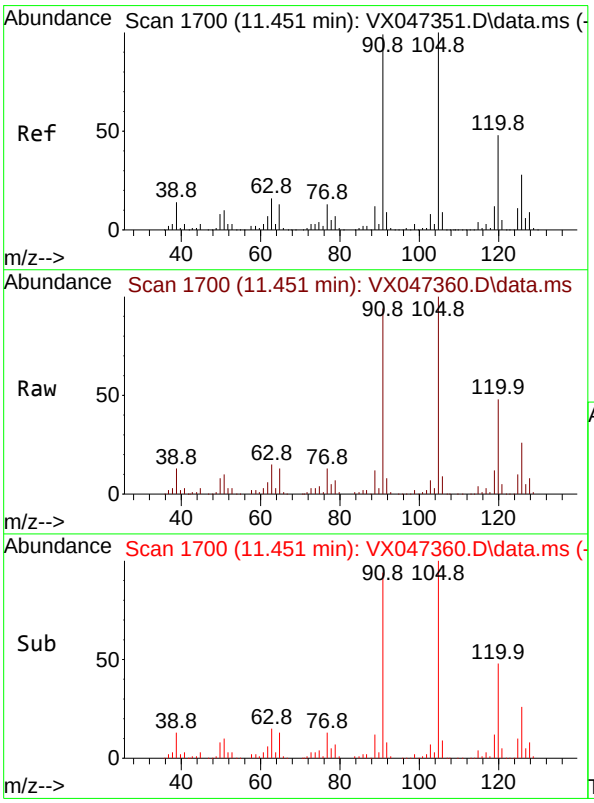
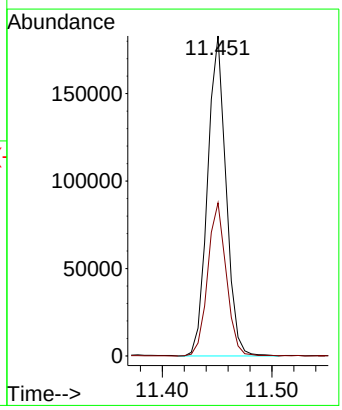


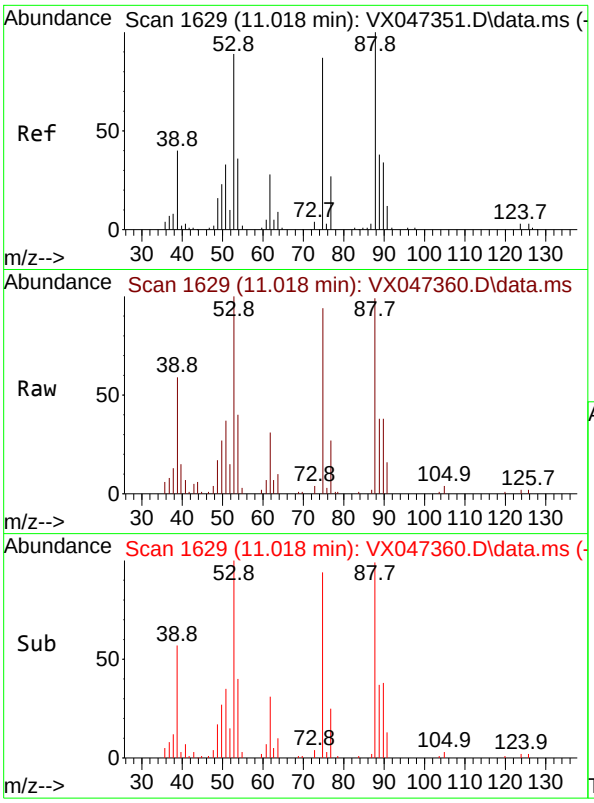


#80
1,3,5-Trimethylbenzene
Concen: 17.014 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion:105 Resp: 213875

Ion	Ratio	Lower	Upper
105	100		
120	48.2	23.9	71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 16.615 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 75 Resp: 855

Ion	Ratio	Lower	Upper
75	100		
53	110.1	85.2	127.8
89	44.0	36.7	55.1

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

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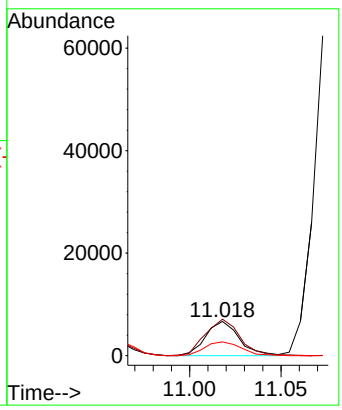
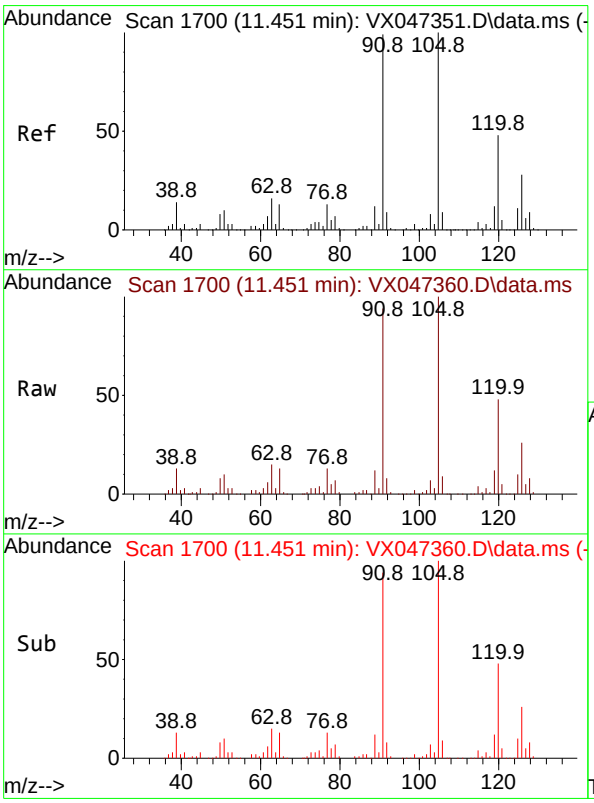
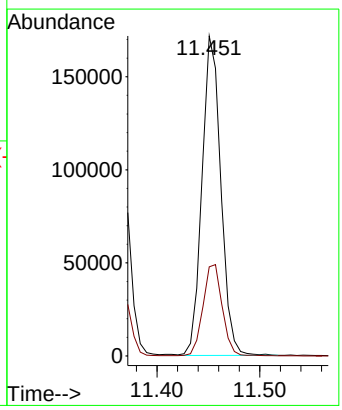


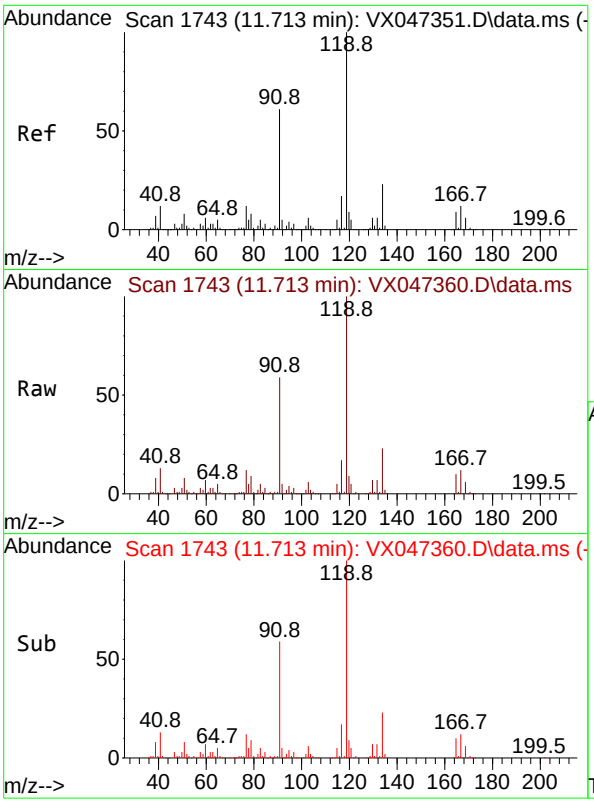


#82
4-Chlorotoluene
Concen: 16.839 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 91 Resp: 218950

Ion	Ratio	Lower	Upper
91	100		
126	29.5	14.4	43.0

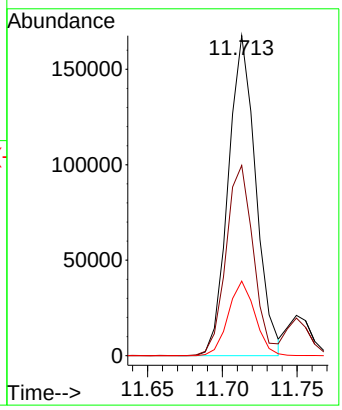




#83
tert-Butylbenzene
Concen: 17.098 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion:119 Resp: 21443

Ion	Ratio	Lower	Upper
119	100		
91	59.4	29.1	87.4
134	22.6	11.3	33.9



Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

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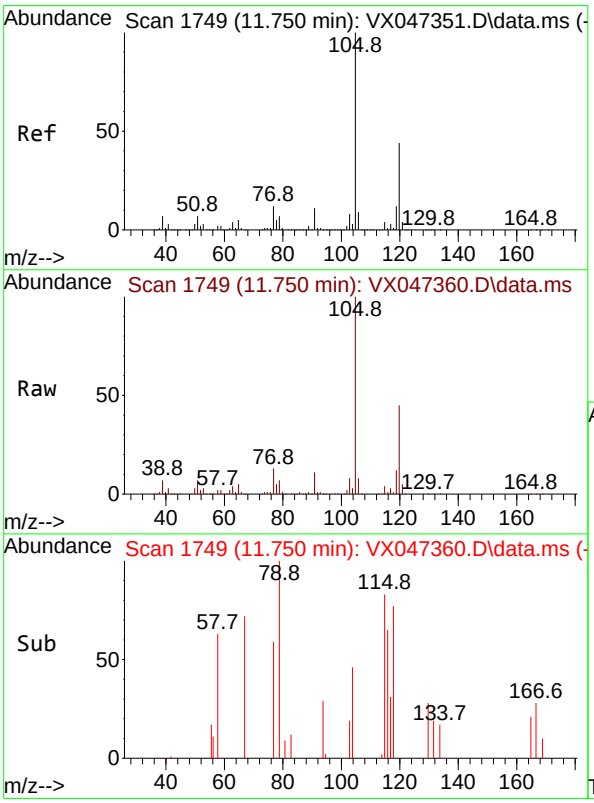
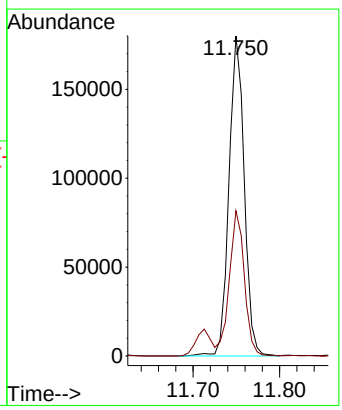
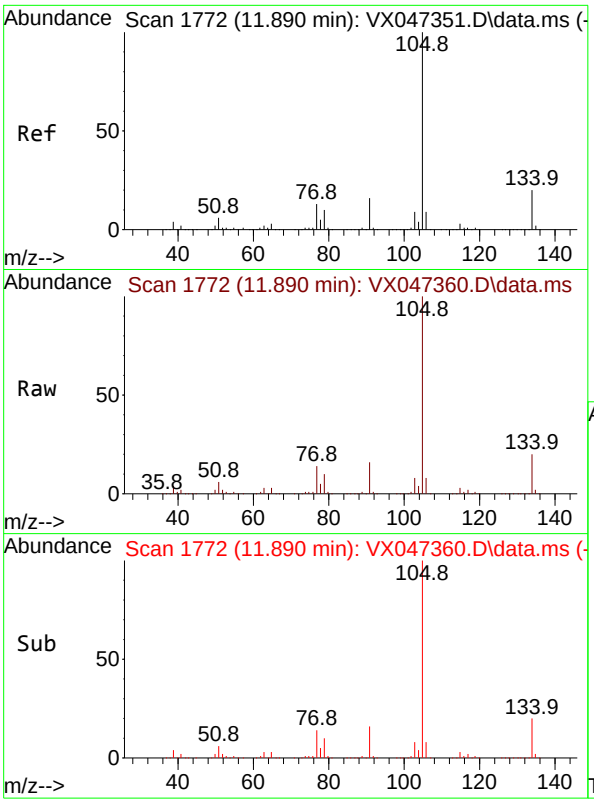


#84
1,2,4-Trimethylbenzene
Concen: 17.479 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion:105 Resp: 219724

Ion	Ratio	Lower	Upper
105	100		
120	44.7	21.9	65.7

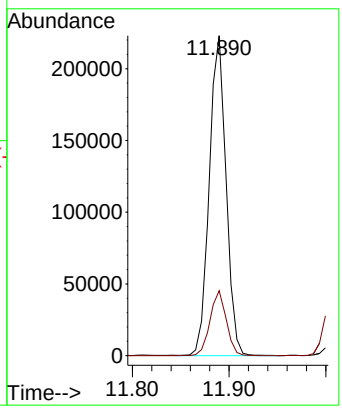




#85
sec-Butylbenzene
Concen: 17.337 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion:105 Resp: 26949

Ion	Ratio	Lower	Upper
105	100		
134	19.6	9.8	29.5



Instrument :
MSVOA_X
ClientSampleId :
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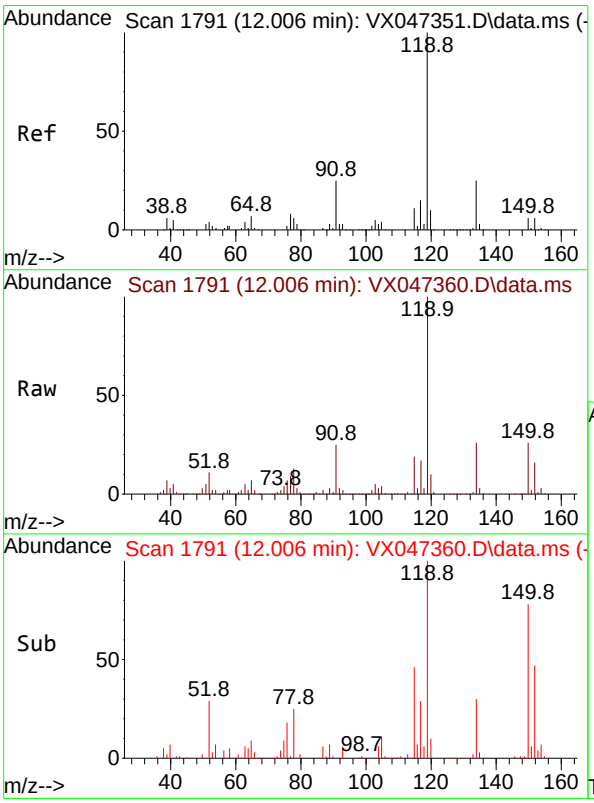
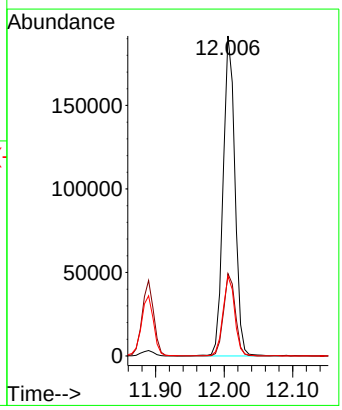
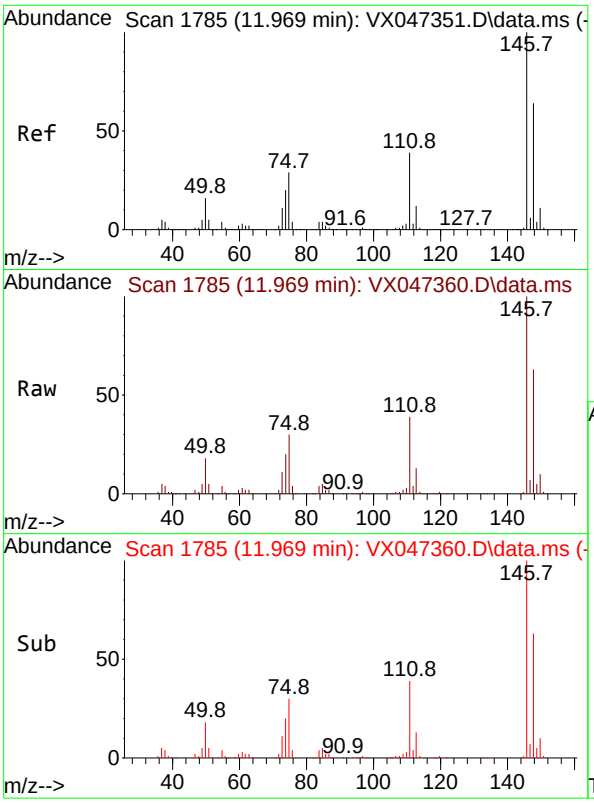


#86
p-Isopropyltoluene
Concen: 17.306 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion:119 Resp: 227642

Ion	Ratio	Lower	Upper
119	100		
134	25.7	12.8	38.4
91	24.9	12.4	37.4

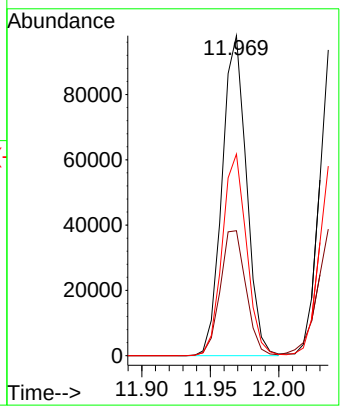




#87
1,3-Dichlorobenzene
Concen: 17.025 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion:146 Resp: 12133

Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.6	61.8
148	62.9	31.9	95.5



Instrument :
MSVOA_X
ClientSampleId :
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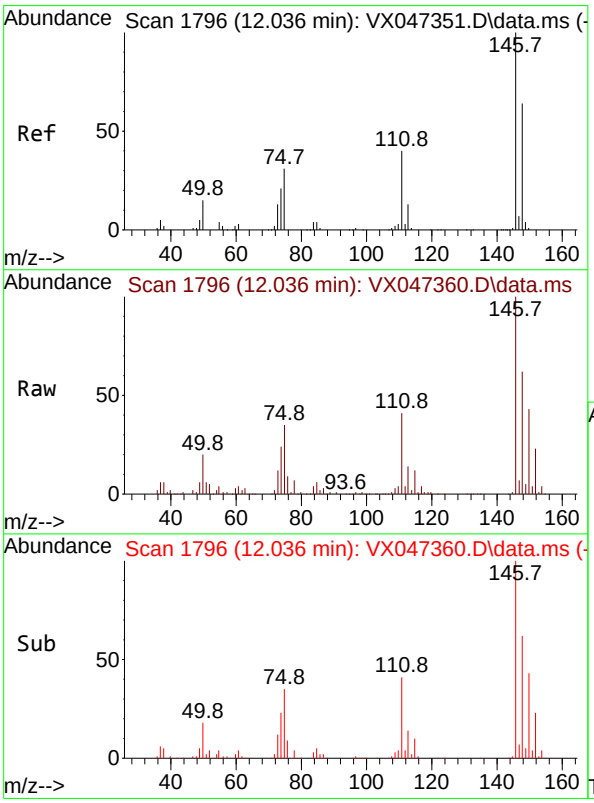
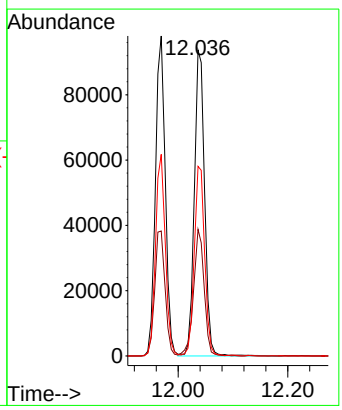
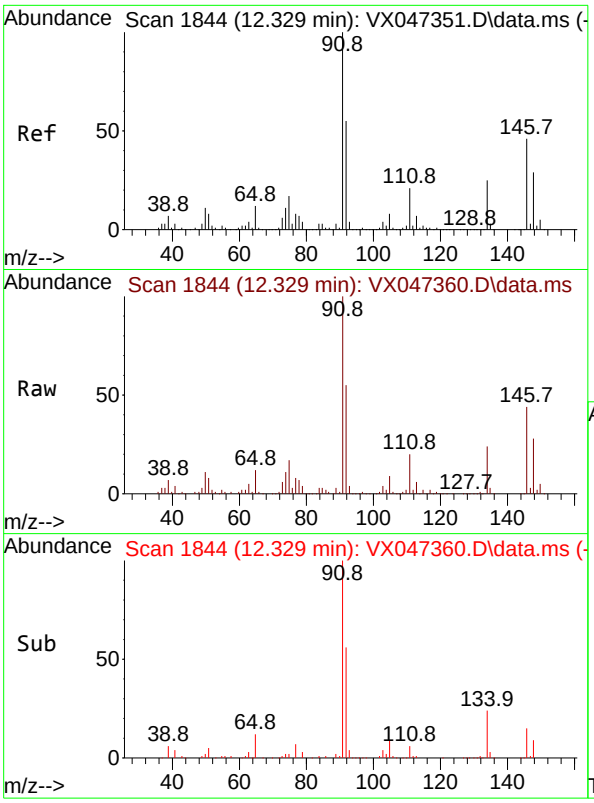


#88
1,4-Dichlorobenzene
Concen: 16.782 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion:146 Resp: 123016

Ion	Ratio	Lower	Upper
146	100		
111	42.7	20.4	61.2
148	62.3	31.7	95.1





#89
n-Butylbenzene
Concen: 17.256 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 91 Resp: 21111

Ion	Ratio	Lower	Upper
91	100		
92	54.1	27.2	81.5
134	24.7	12.6	37.8

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

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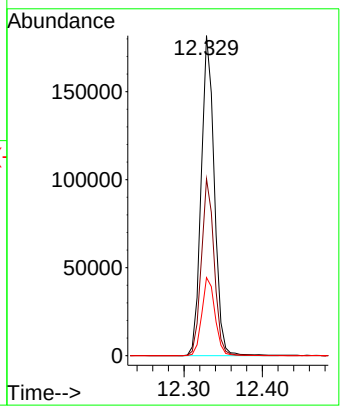
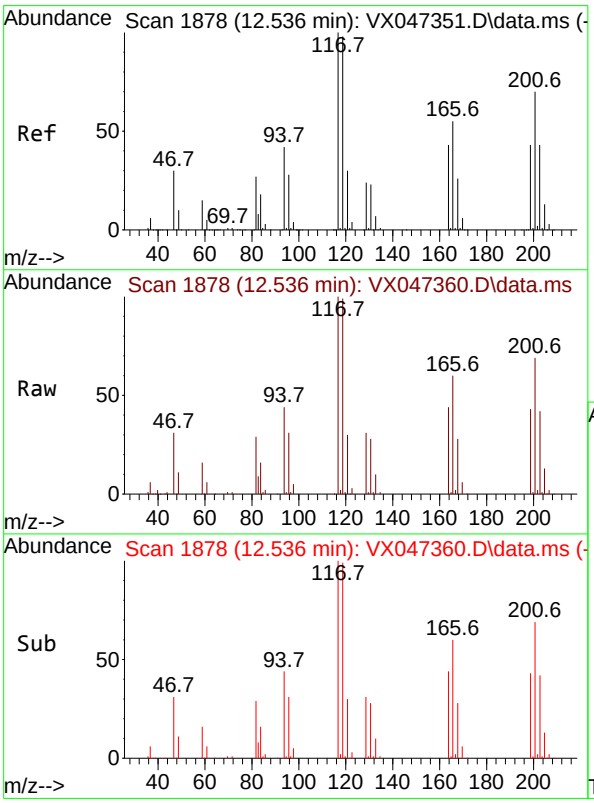
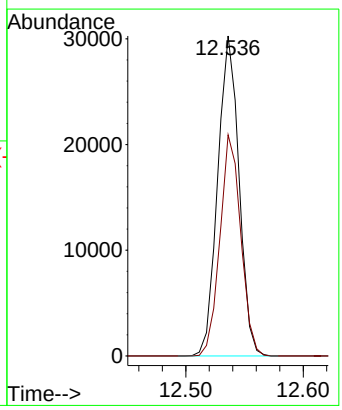


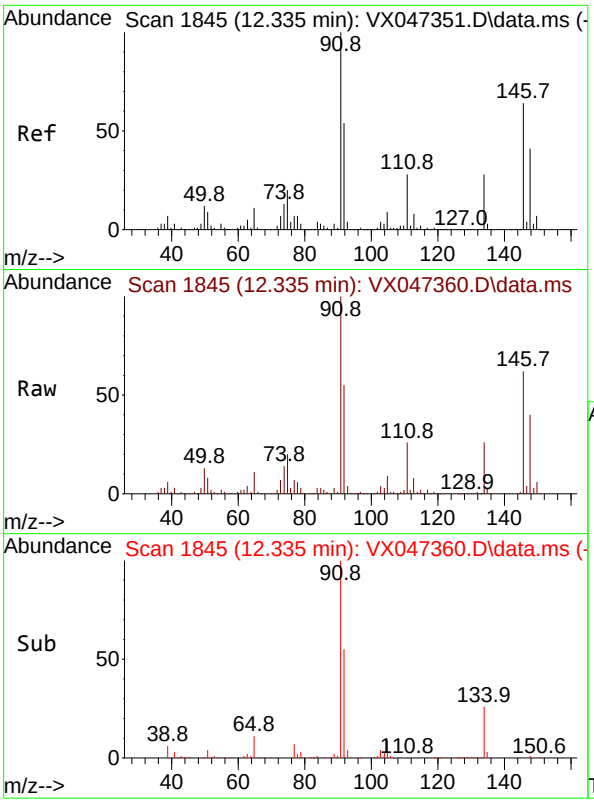


#90
Hexachloroethane
Concen: 16.514 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion:117 Resp: 38107

Ion	Ratio	Lower	Upper
117	100		
201	67.7	35.1	105.3

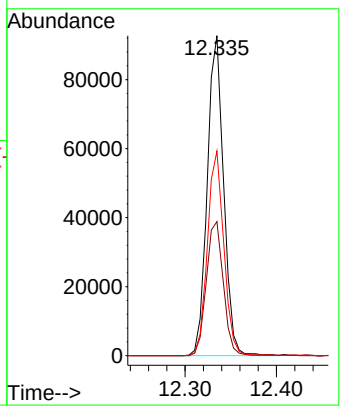




#91
1,2-Dichlorobenzene
Concen: 16.991 ug/l
RT: 12.335 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion:146 Resp: 11494

Ion	Ratio	Lower	Upper
146	100		
111	43.5	22.1	66.1
148	64.2	31.9	95.5



Instrument :
MSVOA_X
ClientSampleId :
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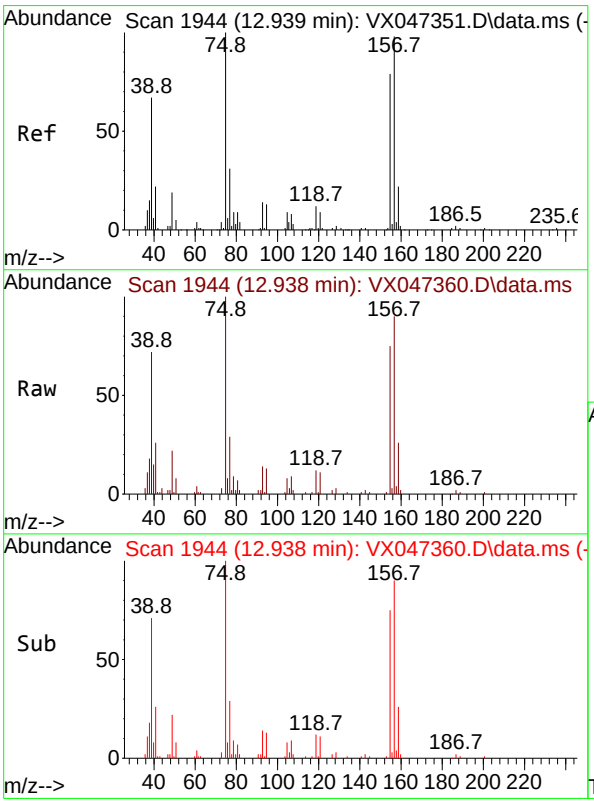
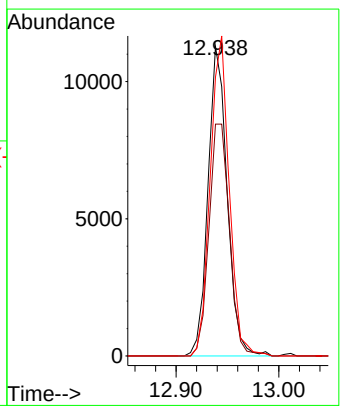
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

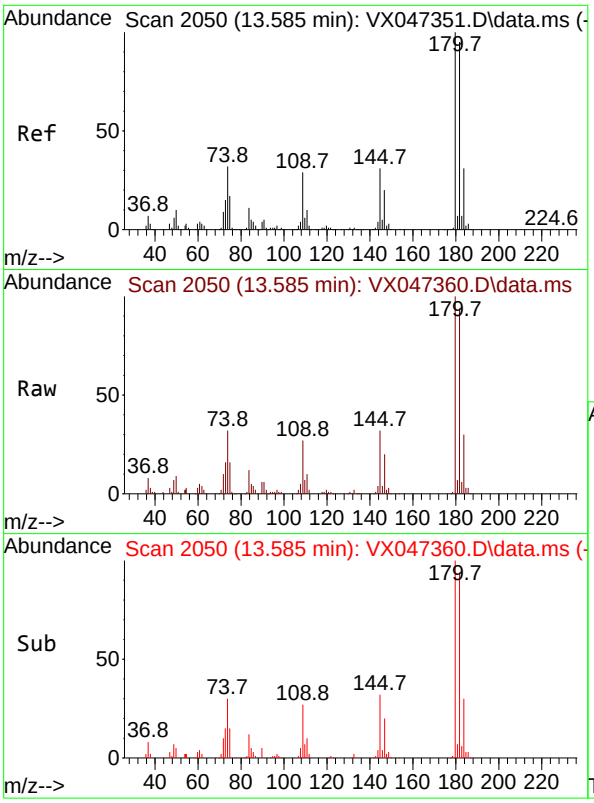


#92
1,2-Dibromo-3-Chloropropane
Concen: 16.877 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 75 Resp: 14641

Ion	Ratio	Lower	Upper
75	100		
155	80.4	41.3	123.7
157	102.5	51.5	154.5

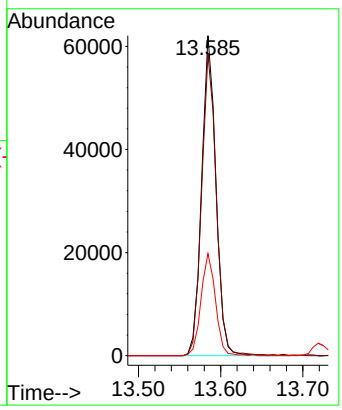




#93
1,2,4-Trichlorobenzene
Concen: 16.533 ug/l
RT: 13.585 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion:180 Resp: 7497

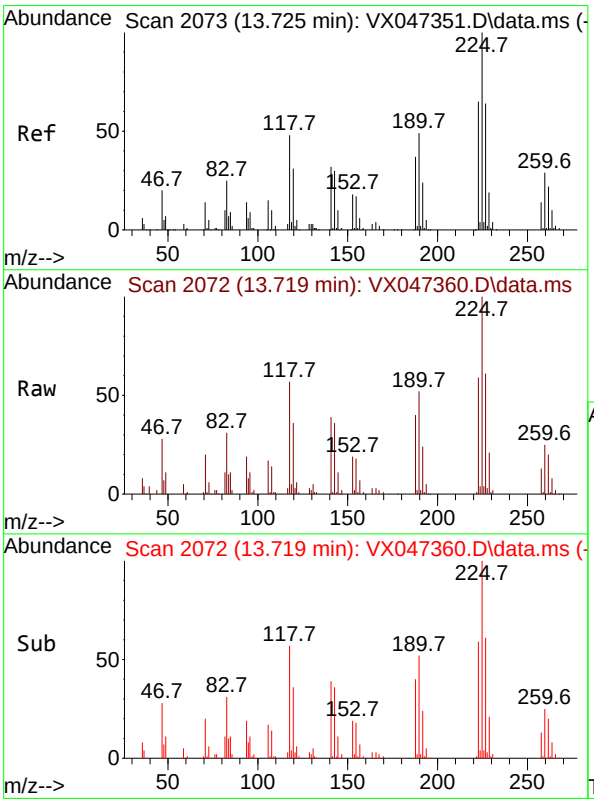
Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.1	144.4
145	32.3	16.2	48.5



Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Manual Integrations
APPROVED

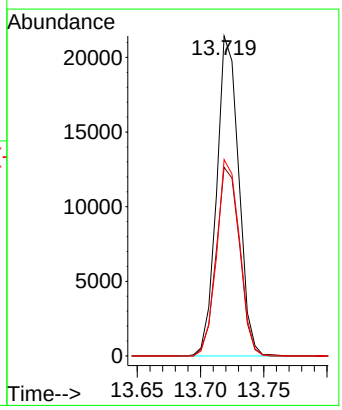
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

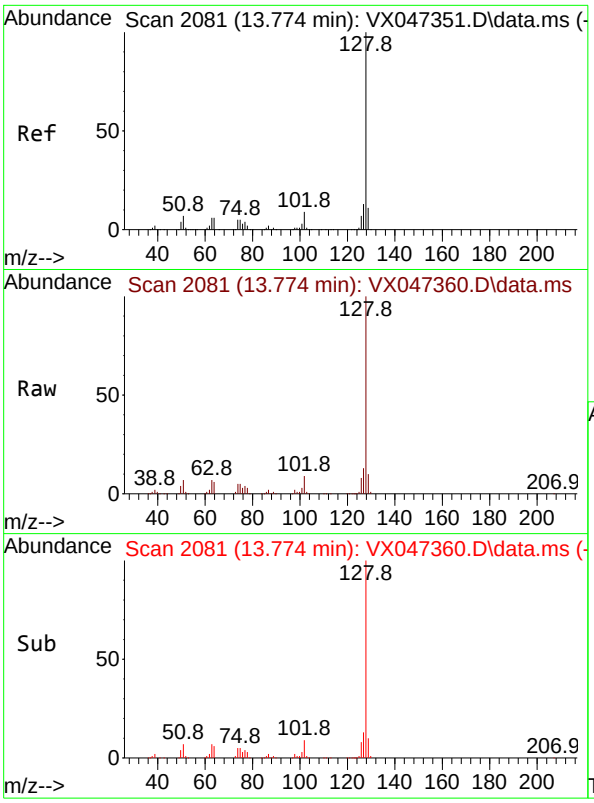


#94
Hexachlorobutadiene
Concen: 16.036 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion:225 Resp: 25887

Ion	Ratio	Lower	Upper
225	100		
223	62.8	32.2	96.6
227	63.7	31.6	95.0

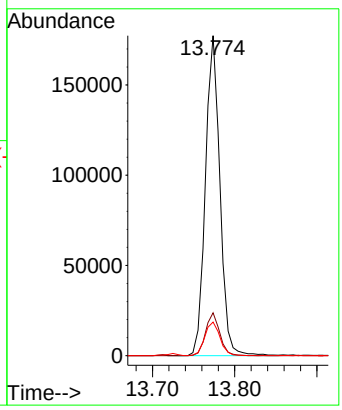




#95
Naphthalene
Concen: 16.766 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion:128 Resp: 21728

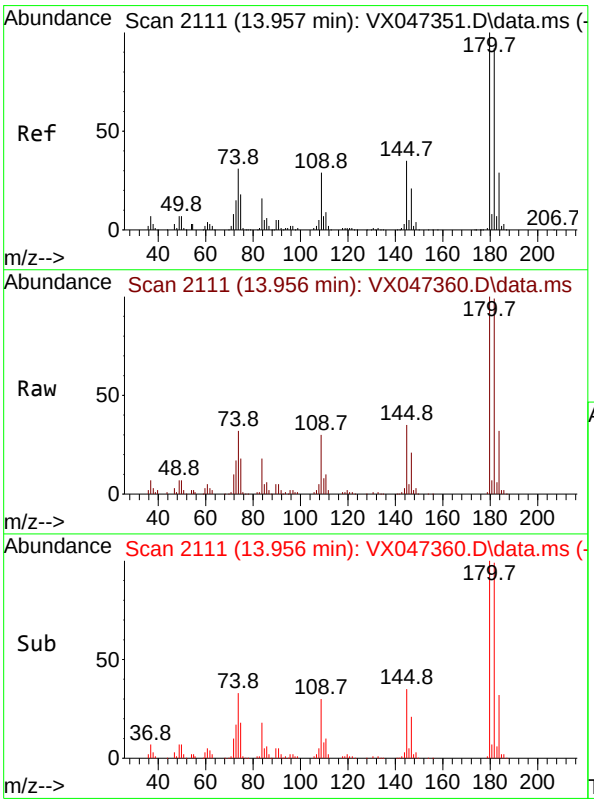
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.1	15.1
129	11.0	8.7	13.1



Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Manual Integrations
APPROVED

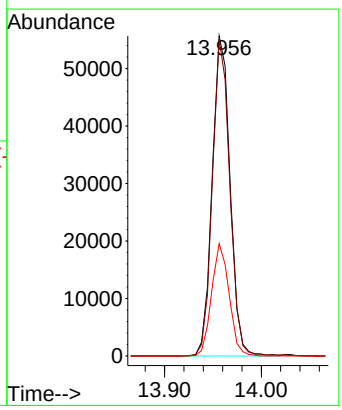
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#96
1,2,3-Trichlorobenzene
Concen: 16.681 ug/l
RT: 13.956 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion:180 Resp: 71309

Ion	Ratio	Lower	Upper
180	100		
182	96.5	48.0	144.2
145	34.4	17.4	52.2



Raw Data: **VX047374.D**

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VX0818WBS01	SDG No.:	Q2886
Lab Sample ID:	VX0818WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047374.D	1	08/18/25 12:17	VX081825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	20.5		0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	22.6		0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	19.1		0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	13.9		1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	26.7		0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.7		0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	20.3		0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	19.9		0.23	0.75	1.00	ug/L
67-64-1	Acetone	97.8		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	21.1		0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	19.1		0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	20.1		0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	19.2		0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.2		0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.4		0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	19.9		1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	99.2		0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	20.4		0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.1		0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	19.3		0.22	0.50	1.00	ug/L
67-66-3	Chloroform	20.0		0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.7		0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	20.0		0.16	0.50	1.00	ug/L
71-43-2	Benzene	20.1		0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	20.6		0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	19.8		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	20.3		0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	100		0.68	2.50	5.00	ug/L
108-88-3	Toluene	20.5		0.14	0.50	1.00	ug/L

Raw Data: **VX047374.D**

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VX0818WBS01	SDG No.:	Q2886
Lab Sample ID:	VX0818WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047374.D	1	08/18/25 12:17	VX081825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	19.7		0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.5		0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.4		0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	100		0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	20.4		0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	19.9		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	19.8		0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	19.9		0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	40.7		0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	20.0		0.12	0.50	1.00	ug/L
100-42-5	Styrene	20.2		0.15	0.50	1.00	ug/L
75-25-2	Bromoform	20.4		0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	19.8		0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.4		0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.5		0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	19.0		0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.3		0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	18.8		0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	19.0		0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	19.0		0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	49.7		81 - 118		99%	SPK: 50
1868-53-7	Dibromofluoromethane	51.4		80 - 119		103%	SPK: 50
2037-26-5	Toluene-d8	50.7		89 - 112		101%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.1		85 - 114		104%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	256000	5.562				
540-36-3	1,4-Difluorobenzene	426000	6.769				
3114-55-4	Chlorobenzene-d5	389000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	198000	12.018				

Raw Data: **VX047374.D**

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VX0818WBS01	SDG No.:	Q2886
Lab Sample ID:	VX0818WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047374.D	1	08/18/25 12:17	VX081825

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\VX081825\
Data File : VX047374.D
Acq On : 18 Aug 2025 12:17
Operator : JC/MD
Sample : VX0818WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 19 01:38:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	256302	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	426348	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	389002	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	197596	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	178254	49.694	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 99.380%			
35) Dibromofluoromethane	5.391	113	142113	51.359	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.720%			
50) Toluene-d8	8.647	98	501625	50.720	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.440%			
62) 4-Bromofluorobenzene	11.079	95	190251	52.129	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.260%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	67016	20.511	ug/l	99
3) Chloromethane	1.313	50	66512	22.629	ug/l	96
4) Vinyl Chloride	1.392	62	70527	19.117	ug/l #	34
5) Bromomethane	1.630	94	20713	13.900	ug/l	91
6) Chloroethane	1.703	64	60368	26.745	ug/l	96
7) Trichlorofluoromethane	1.904	101	107298	19.663	ug/l	99
8) Diethyl Ether	2.148	74	36957	19.234	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.349	101	64346	20.328	ug/l	98
10) Methyl Iodide	2.471	142	82052	15.126	ug/l	97
11) Tert butyl alcohol	2.959	59	31857	102.089	ug/l	98
12) 1,1-Dichloroethene	2.337	96	64232	19.904	ug/l	95
13) Acrolein	2.245	56	613	0.931	ug/l #	33
14) Allyl chloride	2.678	41	91338	16.296	ug/l	96
15) Acrylonitrile	3.075	53	148399	98.415	ug/l	98
16) Acetone	2.386	43	131812	97.762	ug/l	98
17) Carbon Disulfide	2.532	76	205259	21.078	ug/l	99
18) Methyl Acetate	2.715	43	70302	20.121	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	187203	19.069	ug/l	97
20) Methylene Chloride	2.806	84	68704	19.243	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	65926	19.248	ug/l	96
22) Diisopropyl ether	3.770	45	221531	19.995	ug/l	92
23) Vinyl Acetate	3.733	43	885489	97.510	ug/l	98
24) 1,1-Dichloroethane	3.623	63	121482	19.399	ug/l	99
25) 2-Butanone	4.568	43	175245	99.242	ug/l	97
26) 2,2-Dichloropropane	4.483	77	87410	18.494	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	76181	19.096	ug/l	100
28) Bromochloromethane	4.910	49	50307	19.305	ug/l	98
29) Tetrahydrofuran	5.025	42	110222	96.574	ug/l	97
30) Chloroform	5.099	83	127625	19.969	ug/l	100
31) Cyclohexane	5.483	56	114604	19.853	ug/l	93
32) 1,1,1-Trichloroethane	5.397	97	108545	19.732	ug/l	98
36) 1,1-Dichloropropene	5.702	75	88168	20.185	ug/l	99
37) Ethyl Acetate	4.727	43	84412	18.615	ug/l	99
38) Carbon Tetrachloride	5.684	117	97536	20.434	ug/l	96
39) Methylcyclohexane	7.385	83	108722	19.955	ug/l	96
40) Benzene	6.044	78	262740	20.096	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
Data File : VX047374.D
Acq On : 18 Aug 2025 12:17
Operator : JC/MD
Sample : VX0818WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 19 01:38:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.934	41	37848	19.793	ug/l		98
42) 1,2-Dichloroethane	6.092	62	95188	20.554	ug/l		100
43) Isopropyl Acetate	6.342	43	127724	19.606	ug/l		99
44) Trichloroethene	7.129	130	66400	19.835	ug/l		99
45) 1,2-Dichloropropane	7.434	63	64842	19.797	ug/l		96
46) Dibromomethane	7.586	93	47290	19.887	ug/l		99
47) Bromodichloromethane	7.824	83	100235	20.333	ug/l		99
48) Methyl methacrylate	7.696	41	65407	19.343	ug/l		99
49) 1,4-Dioxane	7.690	88	11672	355.080	ug/l		95
51) 4-Methyl-2-Pentanone	8.574	43	384202	102.487	ug/l		98
52) Toluene	8.720	92	165801	20.523	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	84674	19.681	ug/l		97
54) cis-1,3-Dichloropropene	8.366	75	95068	19.522	ug/l		99
55) 1,1,2-Trichloroethane	9.153	97	62518	20.382	ug/l		99
56) Ethyl methacrylate	9.116	69	88182	19.499	ug/l		98
57) 1,3-Dichloropropane	9.305	76	105761	20.234	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.244	63	182812	90.181	ug/l		98
59) 2-Hexanone	9.433	43	260233	100.356	ug/l		99
60) Dibromochloromethane	9.519	129	74313	20.386	ug/l		100
61) 1,2-Dibromoethane	9.610	107	62983	19.912	ug/l		97
64) Tetrachloroethene	9.275	164	56403	20.046	ug/l		94
65) Chlorobenzene	10.079	112	182846	19.780	ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.159	131	61571	19.703	ug/l		99
67) Ethyl Benzene	10.189	91	317013	19.925	ug/l		98
68) m/p-Xylenes	10.299	106	241301	40.673	ug/l		99
69) o-Xylene	10.640	106	114422	20.042	ug/l		99
70) Styrene	10.652	104	194838	20.197	ug/l		99
71) Bromoform	10.799	173	47781	20.353	ug/l	#	98
73) Isopropylbenzene	10.957	105	305580	19.762	ug/l		100
74) N-amyl acetate	10.841	43	113146	19.269	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	87881	19.357	ug/l		98
76) 1,2,3-Trichloropropane	11.238	75	68334m	18.855	ug/l		
77) Bromobenzene	11.195	156	74393	19.702	ug/l		98
78) n-propylbenzene	11.305	91	367285	19.888	ug/l		100
79) 2-Chlorotoluene	11.360	91	218232	19.548	ug/l		98
80) 1,3,5-Trimethylbenzene	11.451	105	250724	19.707	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	6799	14.737	ug/l		98
82) 4-Chlorotoluene	11.451	91	256557	19.496	ug/l		100
83) tert-Butylbenzene	11.713	119	254465	20.048	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	256880	20.190	ug/l		98
85) sec-Butylbenzene	11.890	105	317850	20.203	ug/l		100
86) p-Isopropyltoluene	12.006	119	266082	19.987	ug/l		99
87) 1,3-Dichlorobenzene	11.963	146	140744	19.511	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	141033	19.010	ug/l		99
89) n-Butylbenzene	12.329	91	245865	19.856	ug/l		99
90) Hexachloroethane	12.536	117	43179	18.488	ug/l		97
91) 1,2-Dichlorobenzene	12.335	146	132017	19.282	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	16513	18.808	ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	87089	18.974	ug/l		99
94) Hexachlorobutadiene	13.719	225	29173	17.856	ug/l		99
95) Naphthalene	13.774	128	252094	19.219	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	82149	18.987	ug/l		99

Sample Results: **VX047374.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
Data File : VX047374.D
Acq On : 18 Aug 2025 12:17
Operator : JC/MD
Sample : VX0818WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 19 01:38:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

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Supervised By :Mahesh Dadoda 08/20/2025

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\VX081825\
Data File : VX047374.D
Acq On : 18 Aug 2025 12:17
Operator : JC/MD
Sample : VX0818WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 19 01:38:48 2025
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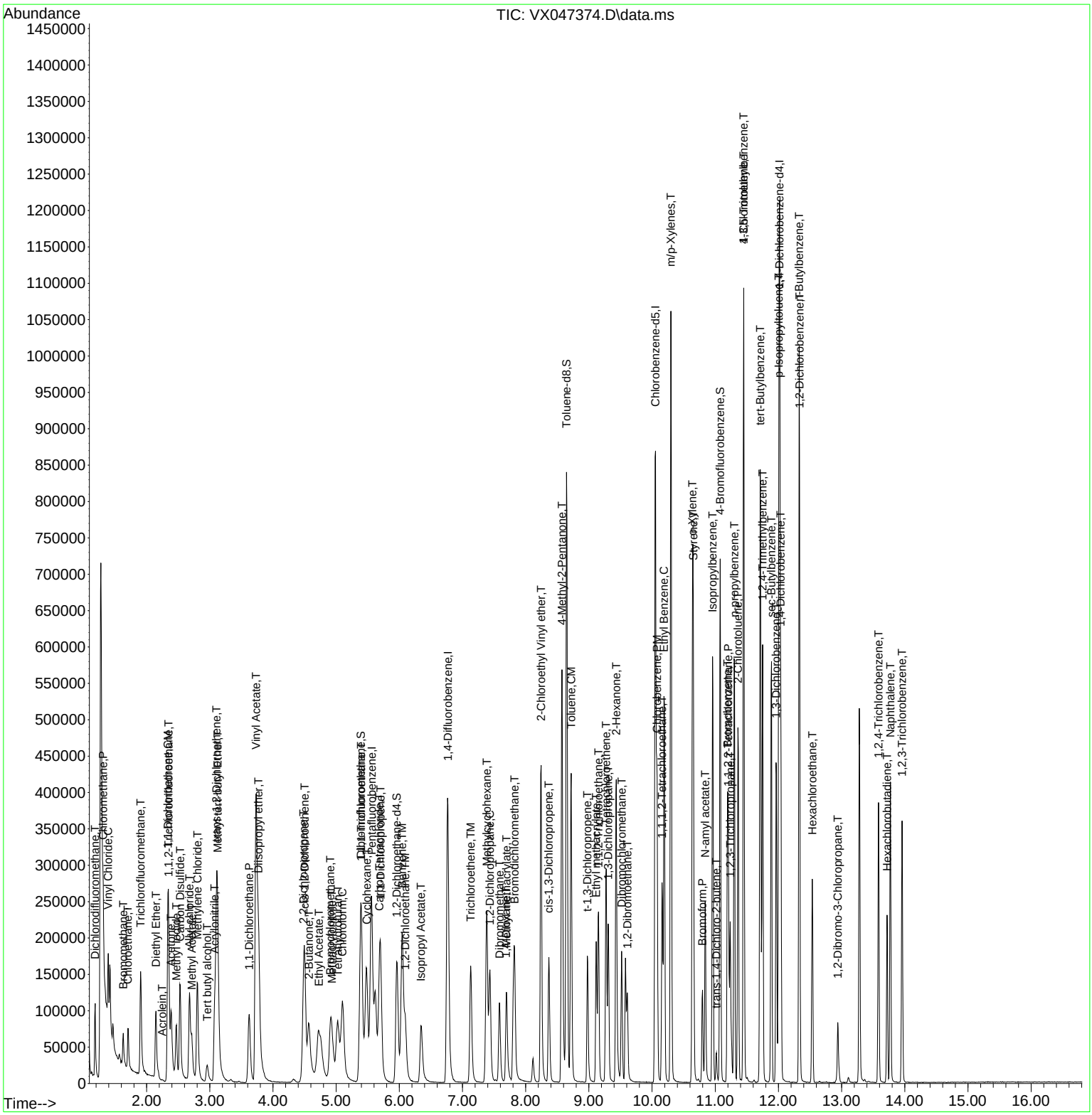
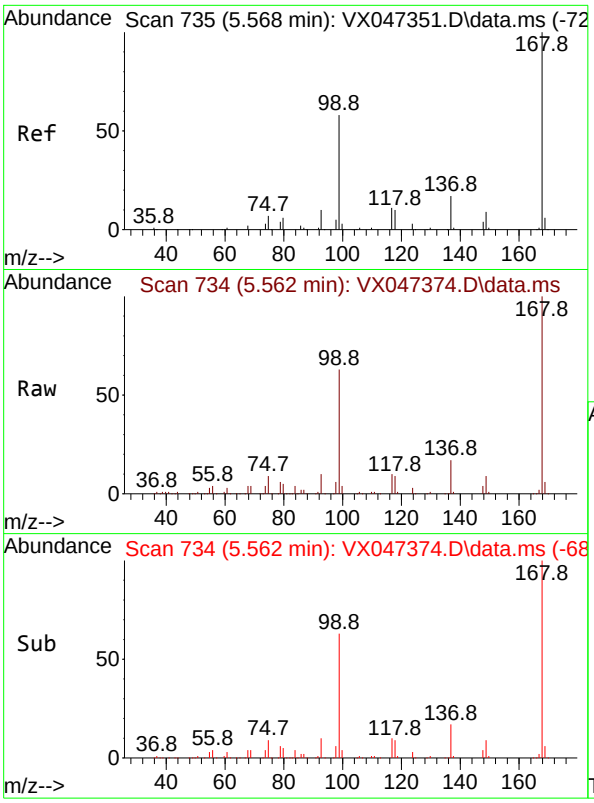
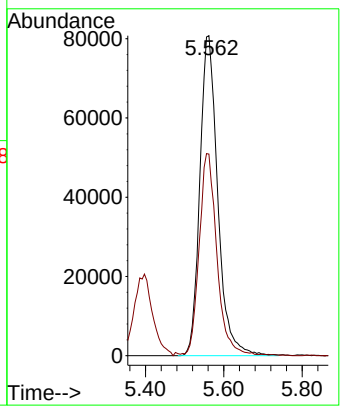




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion:168 Resp: 25630

Ion	Ratio	Lower	Upper
168	100		
99	62.8	47.9	71.9



Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

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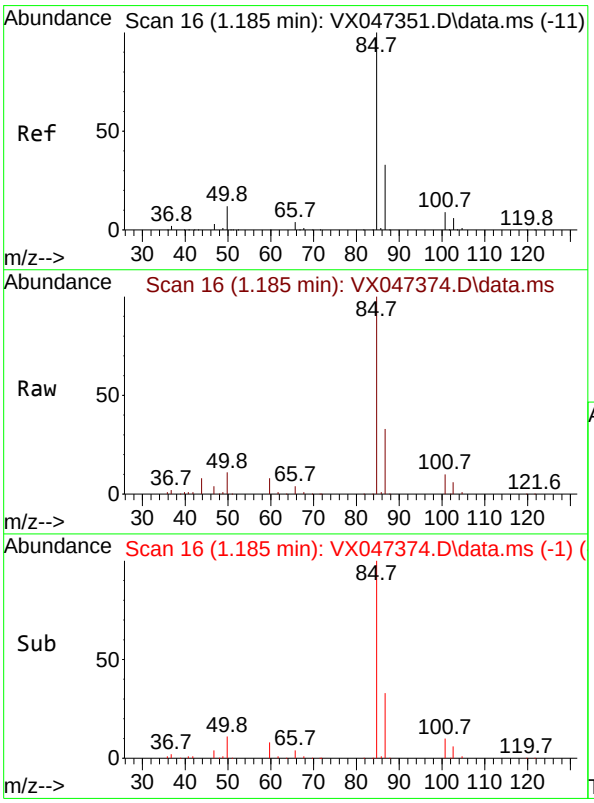
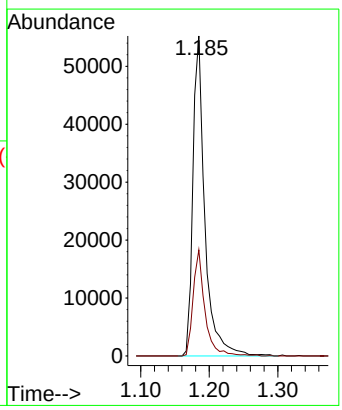
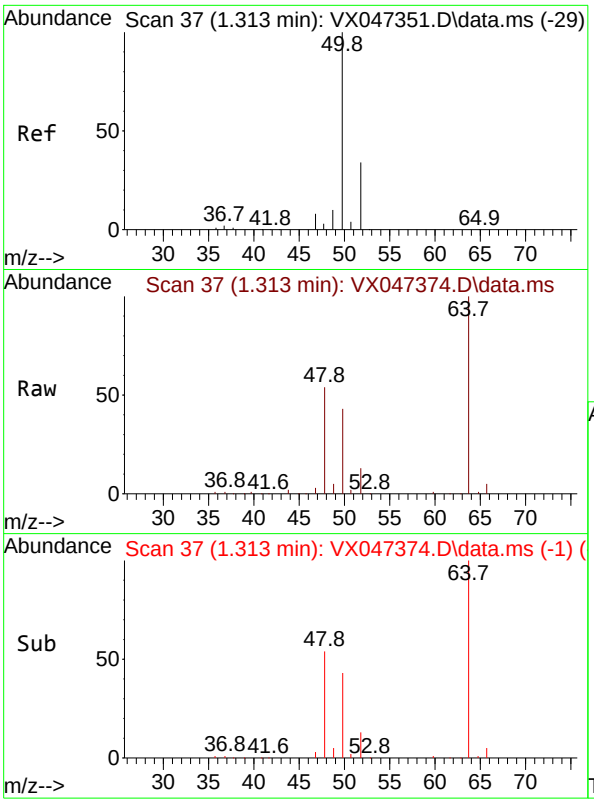


#2
Dichlorodifluoromethane
Concen: 20.511 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 85 Resp: 67016

Ion	Ratio	Lower	Upper
85	100		
87	33.1	16.4	49.1

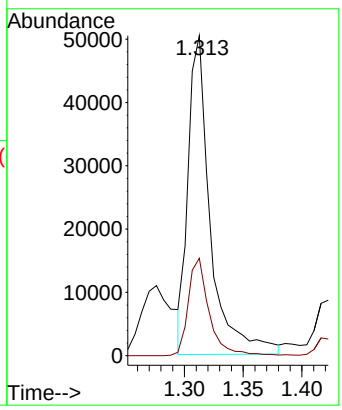




#3
Chloromethane
Concen: 22.629 ug/l
RT: 1.313 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 50 Resp: 6651

Ion	Ratio	Lower	Upper
50	100		
52	31.3	27.0	40.4



Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

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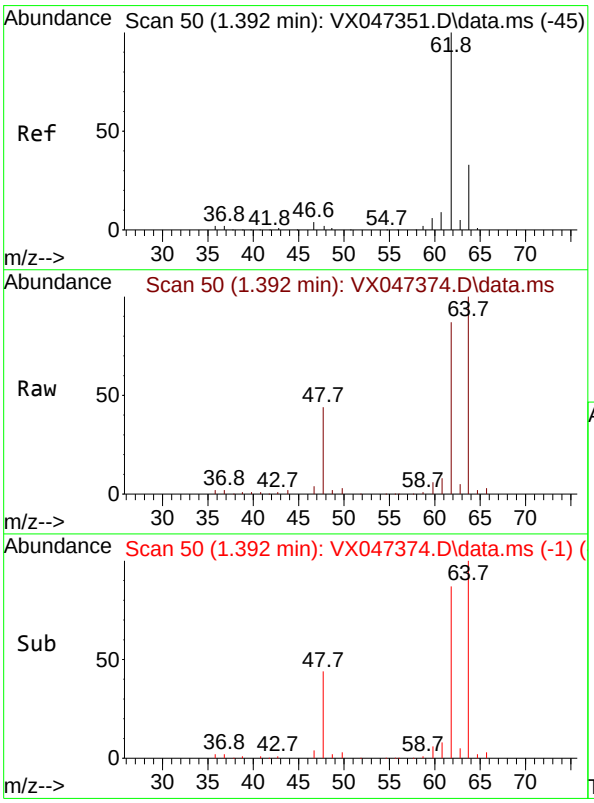
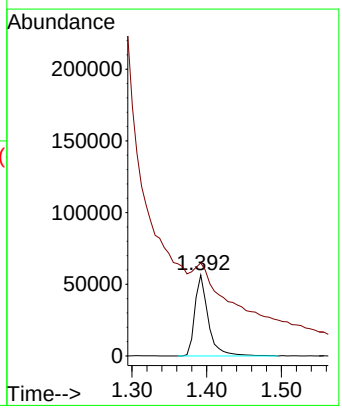
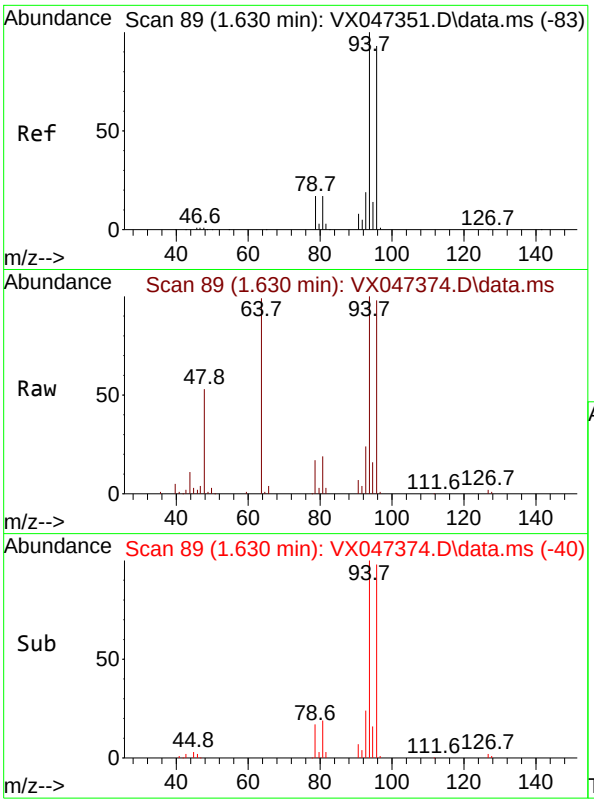


#4
Vinyl Chloride
Concen: 19.117 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 62 Resp: 70527

Ion	Ratio	Lower	Upper
62	100		
64	70.4	26.5	39.7#

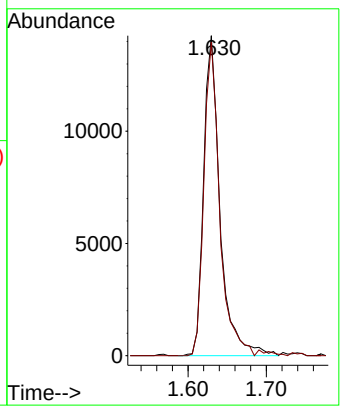




#5
Bromomethane
Concen: 13.900 ug/l
RT: 1.630 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 94 Resp: 2071

Ion	Ratio	Lower	Upper
94	100		
96	84.5	74.7	112.1



Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

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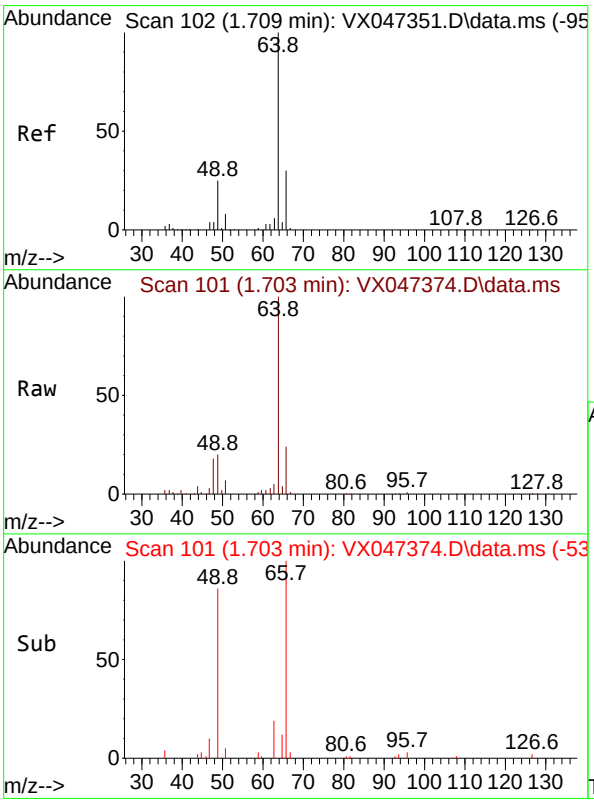
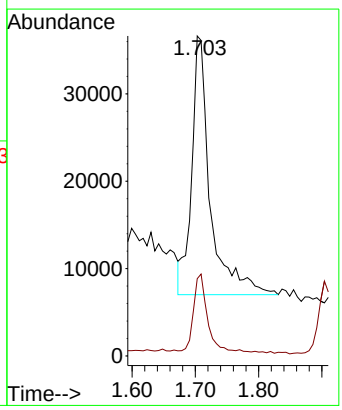
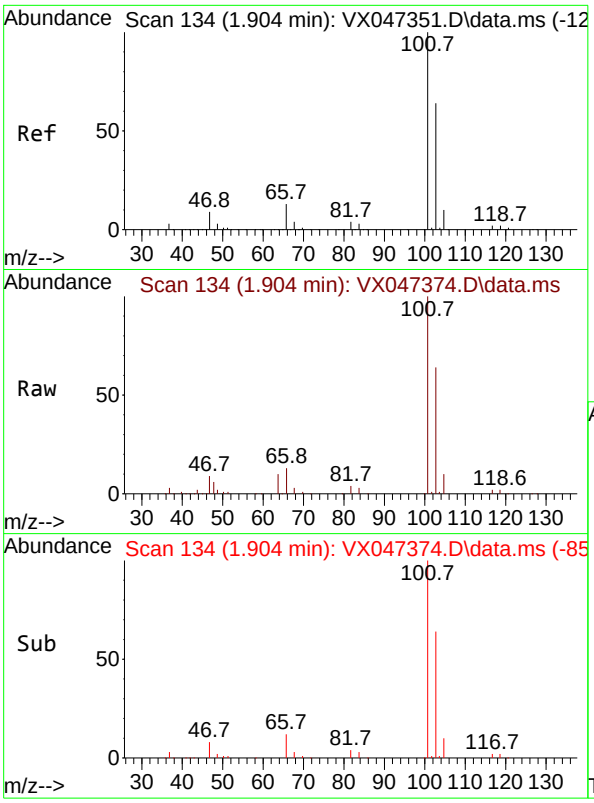


#6
Chloroethane
Concen: 26.745 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.006 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 64 Resp: 60368

Ion	Ratio	Lower	Upper
64	100		
66	28.4	24.4	36.6

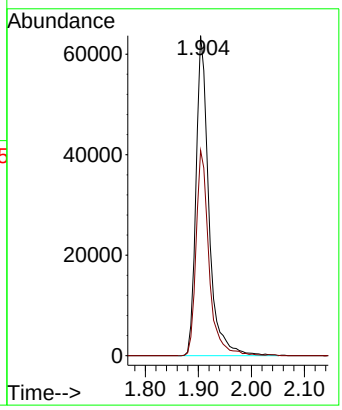




#7
Trichlorofluoromethane
Concen: 19.663 ug/l
RT: 1.904 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion:101 Resp: 10729

Ion	Ratio	Lower	Upper
101	100		
103	64.2	50.9	76.3



Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

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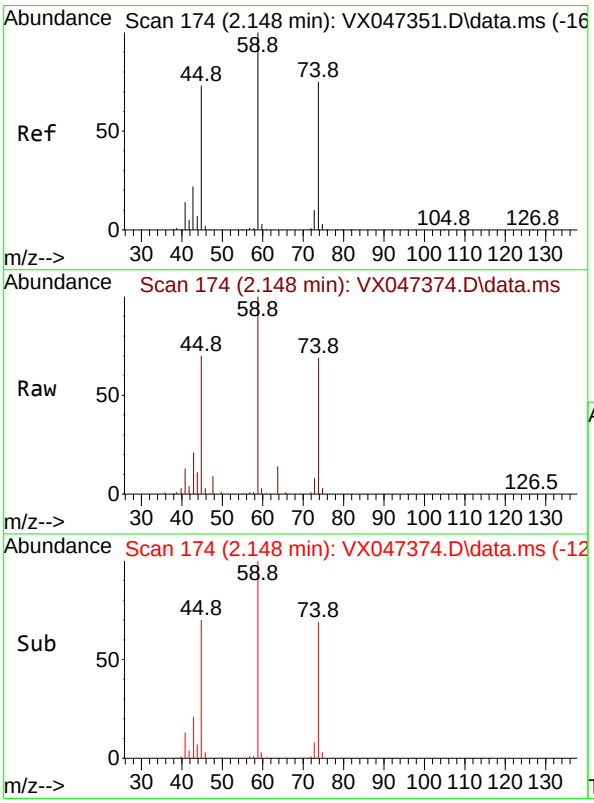
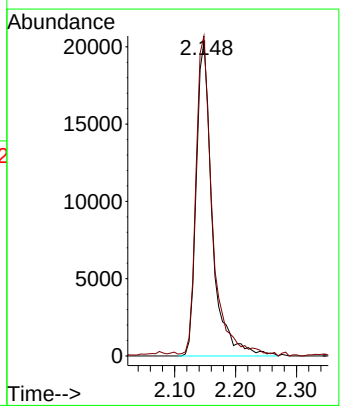
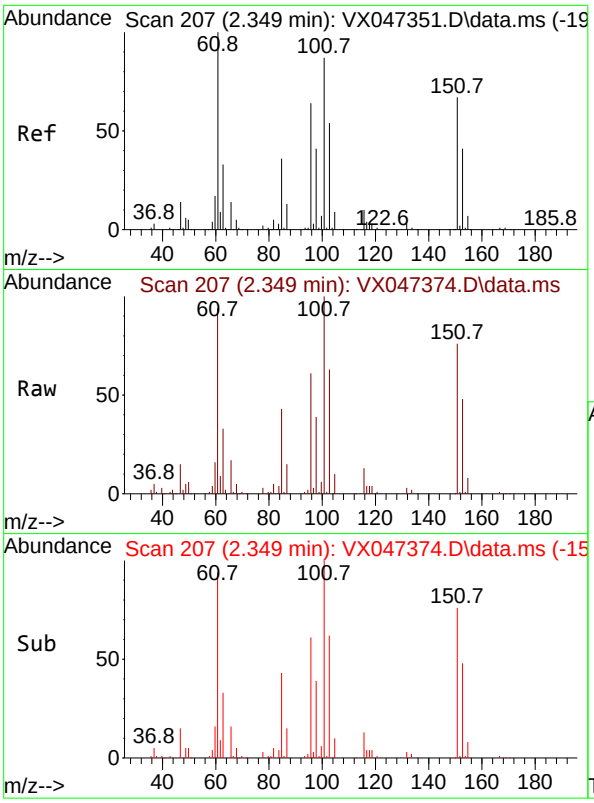


#8
Diethyl Ether
Concen: 19.234 ug/l
RT: 2.148 min Scan# 174
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 74 Resp: 36957

Ion	Ratio	Lower	Upper
74	100		
45	105.3	51.3	154.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.328 ug/l
RT: 2.349 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion:101 Resp: 6434

Ion	Ratio	Lower	Upper
101	100		
85	43.6	34.3	51.5
151	75.5	59.2	88.8

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

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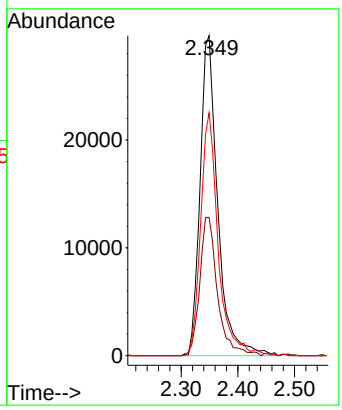
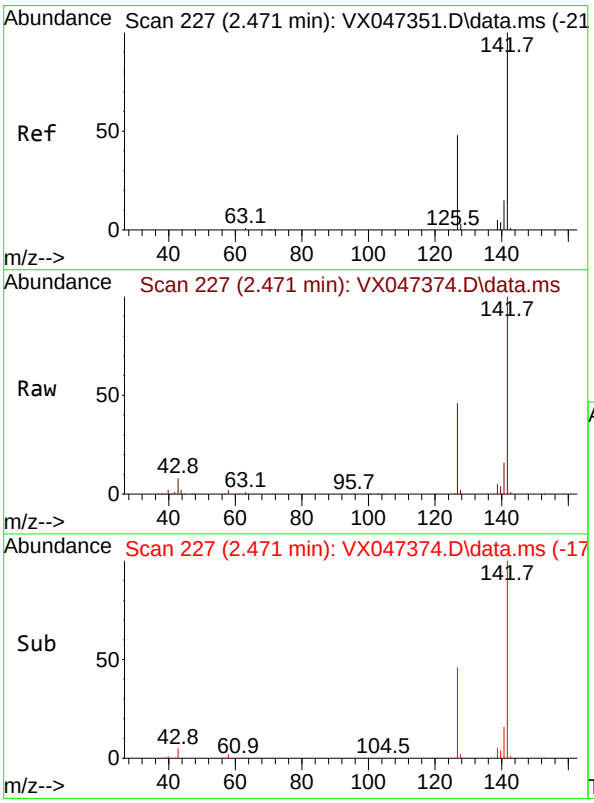
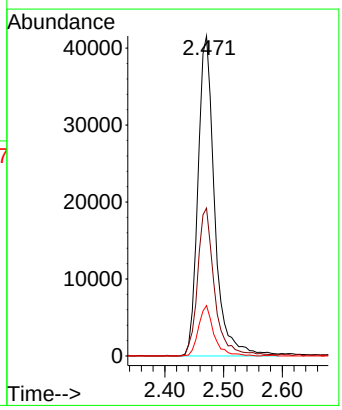


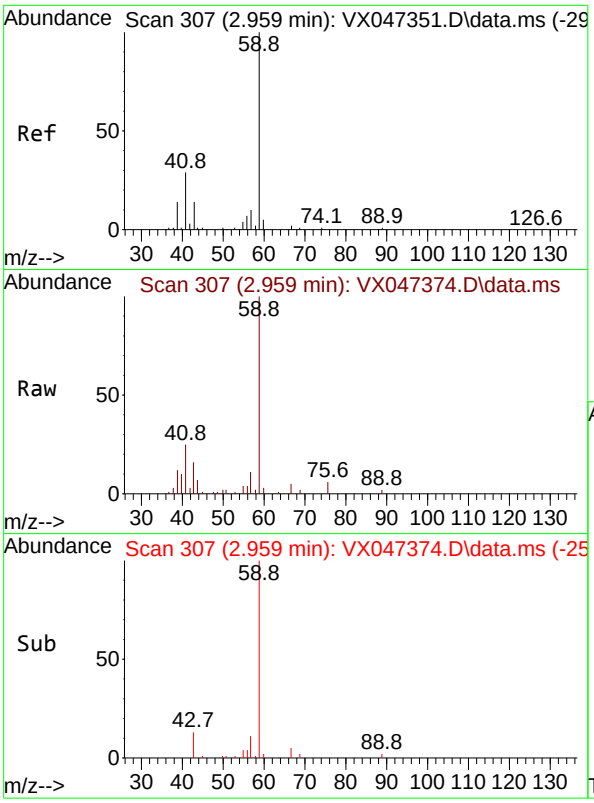


#10
Methyl Iodide
Concen: 15.126 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion:142 Resp: 82052

Ion	Ratio	Lower	Upper
142	100		
127	47.0	36.1	54.1
141	14.5	11.1	16.7

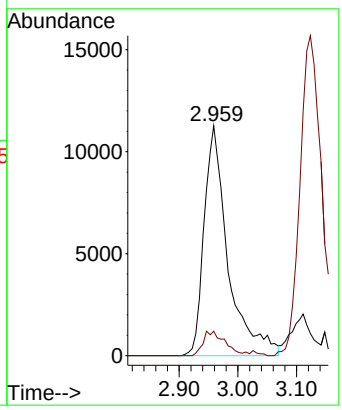




#11
Tert butyl alcohol
Concen: 102.089 ug/l
RT: 2.959 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 59 Resp: 3185

Ion	Ratio	Lower	Upper
59	100		
57	9.6	8.3	12.5



Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

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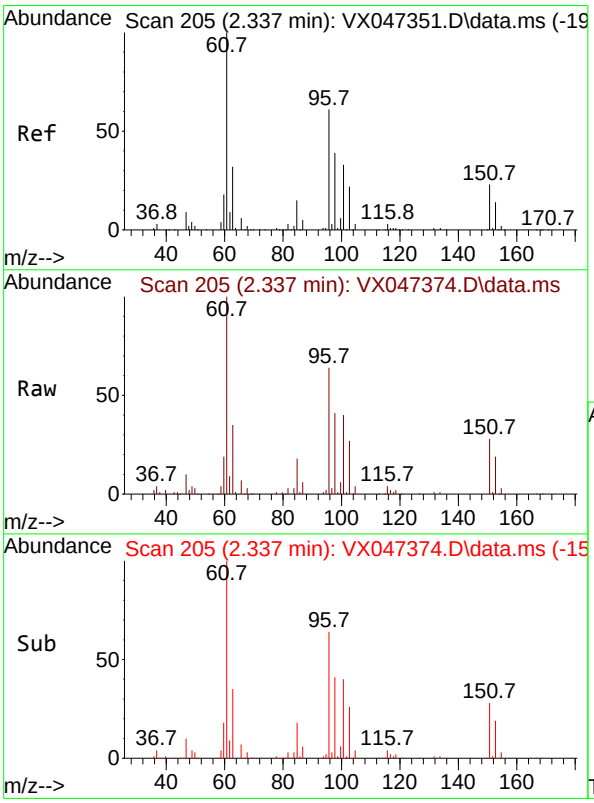
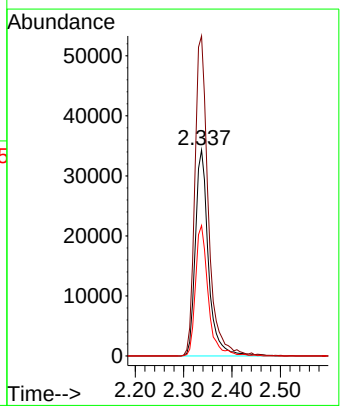
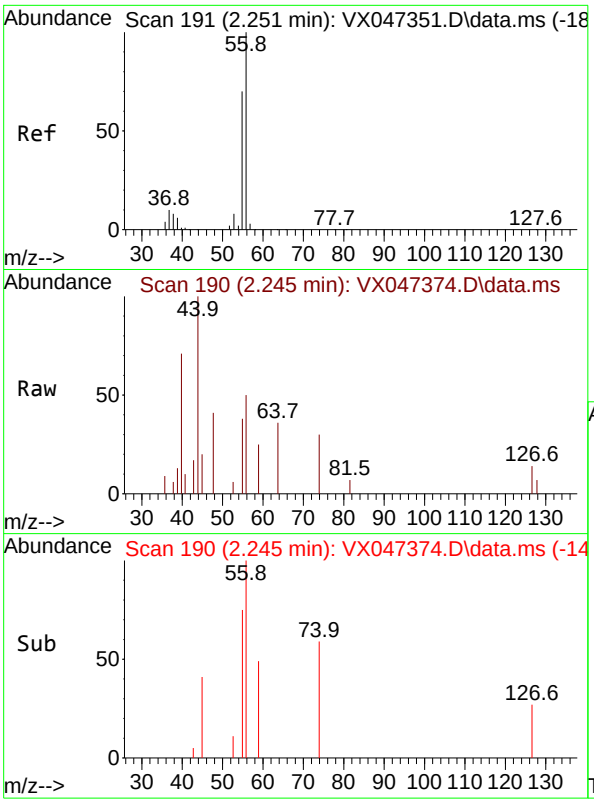


#12
1,1-Dichloroethene
Concen: 19.904 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 96 Resp: 64232

Ion	Ratio	Lower	Upper
96	100		
61	155.4	132.2	198.2
98	63.3	51.2	76.8





#13
Acrolein
Concen: 0.931 ug/l
RT: 2.245 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 56 Resp: 61

Ion	Ratio	Lower	Upper
56	100		
55	124.0	55.5	83.3#

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

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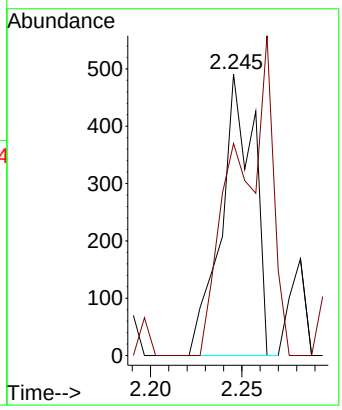
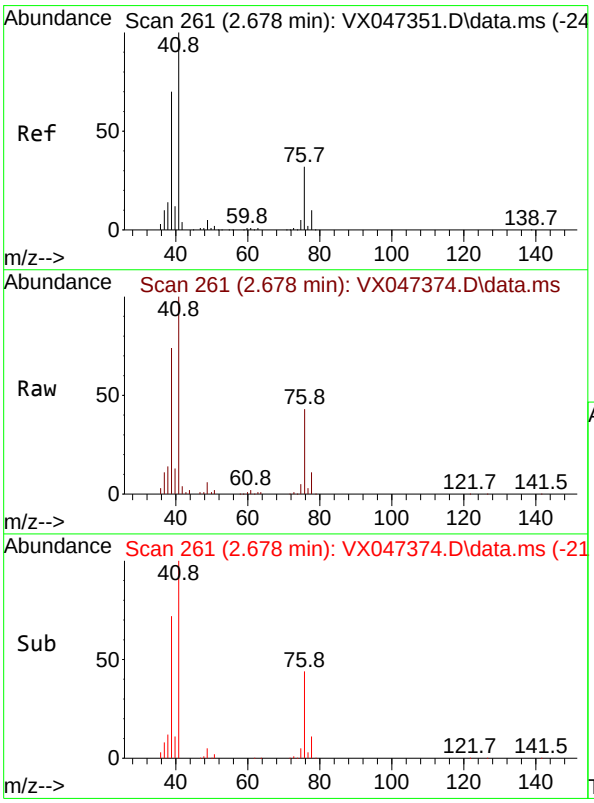
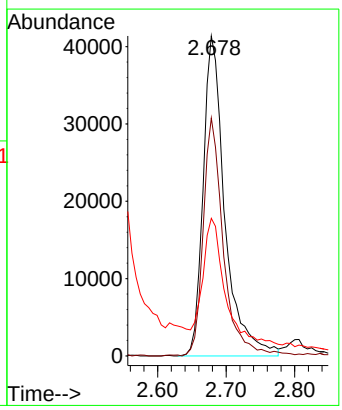


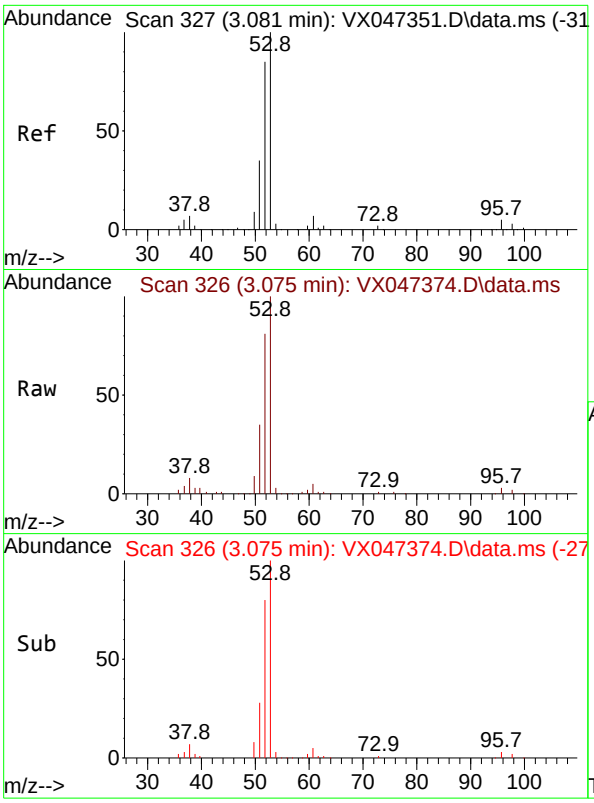


#14
Allyl chloride
Concen: 16.296 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 41 Resp: 91338

Ion	Ratio	Lower	Upper
41	100		
39	69.1	54.6	81.8
76	40.2	27.6	41.4

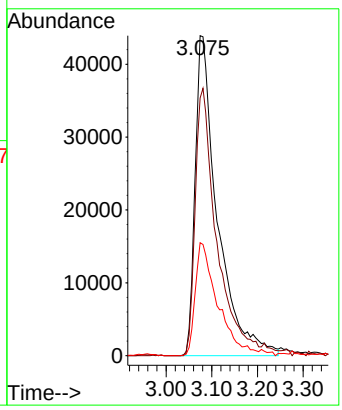




#15
Acrylonitrile
Concen: 98.415 ug/l
RT: 3.075 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 53 Resp: 14839

Ion	Ratio	Lower	Upper
53	100		
52	80.2	65.8	98.6
51	35.6	28.2	42.2



Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

Manual Integrations
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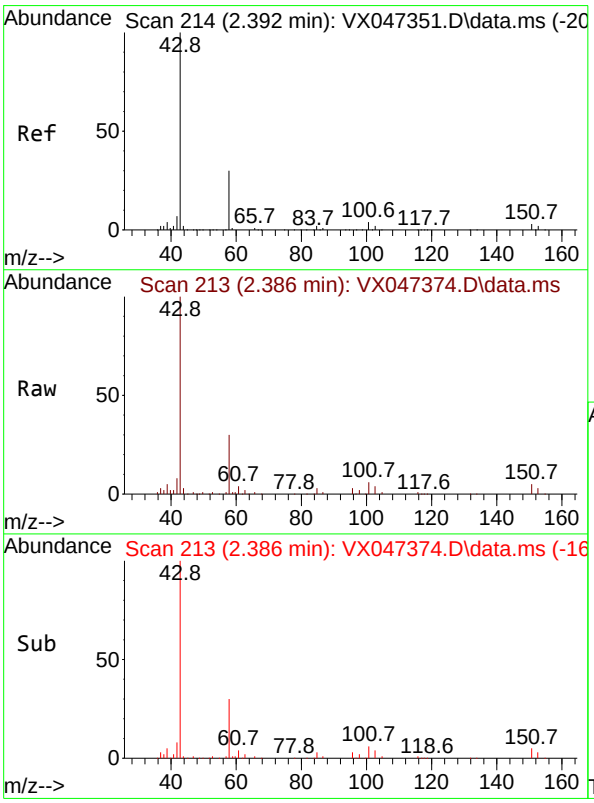
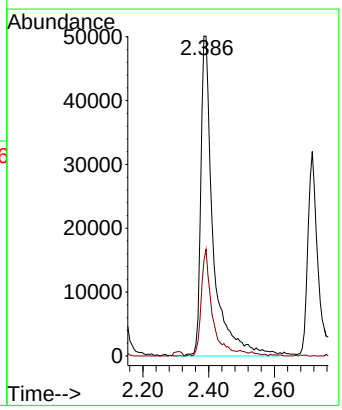
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025

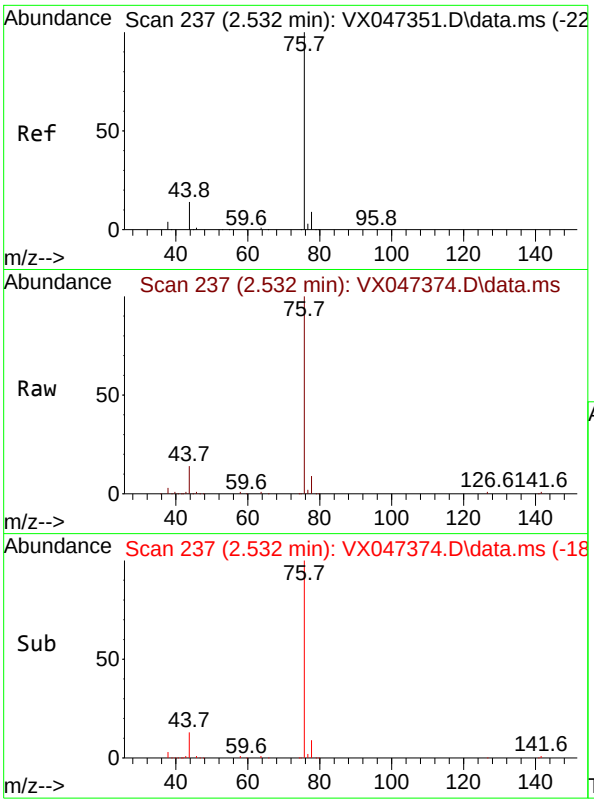


#16
Acetone
Concen: 97.762 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 43 Resp: 131812

Ion	Ratio	Lower	Upper
43	100		
58	30.0	24.8	37.2





#17
Carbon Disulfide
Concen: 21.078 ug/l
RT: 2.532 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 76 Resp: 20525

Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.2	10.8

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

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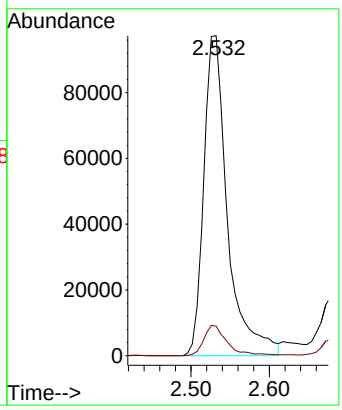
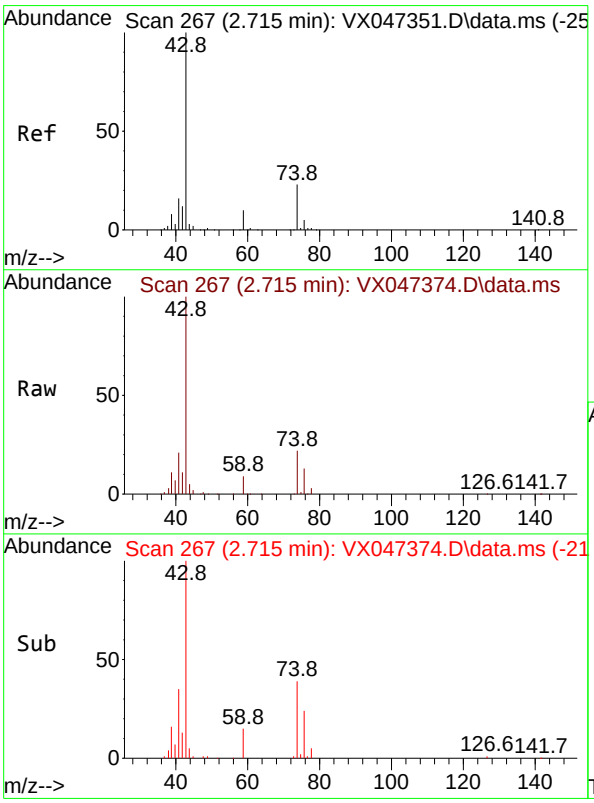
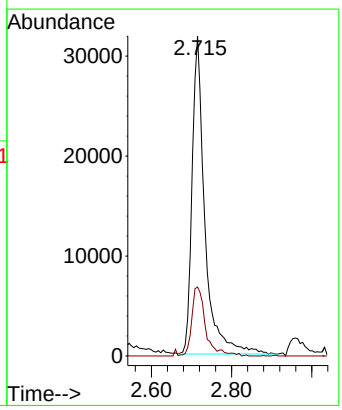


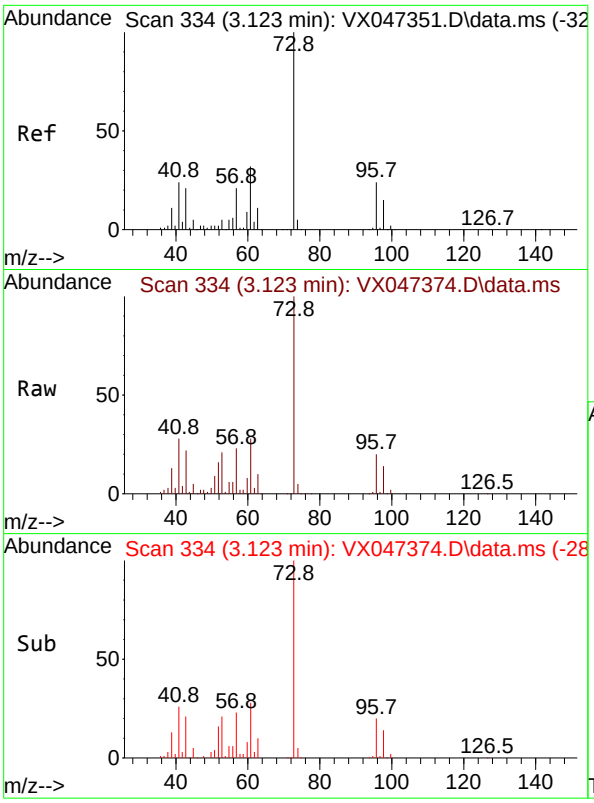


#18
Methyl Acetate
Concen: 20.121 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 43 Resp: 70302

Ion	Ratio	Lower	Upper
43	100		
74	23.0	18.4	27.6

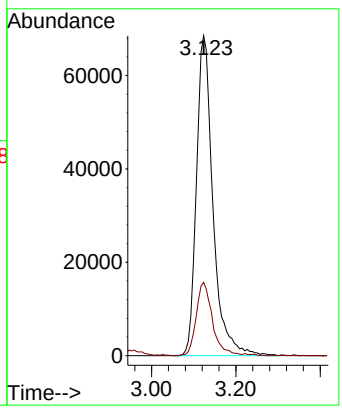




#19
Methyl tert-butyl Ether
Concen: 19.069 ug/l
RT: 3.123 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 73 Resp: 18720

Ion	Ratio	Lower	Upper
73	100		
57	22.9	17.0	25.6



Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

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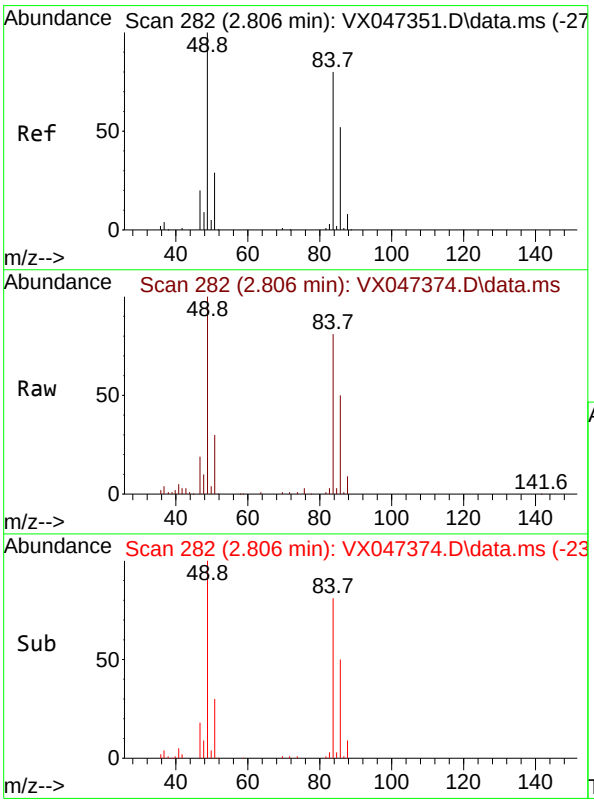
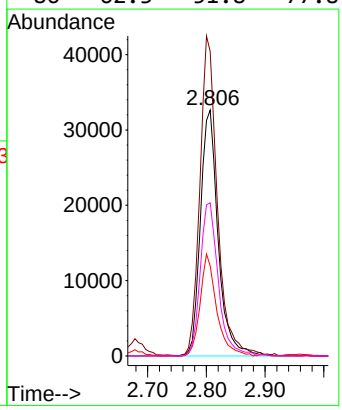
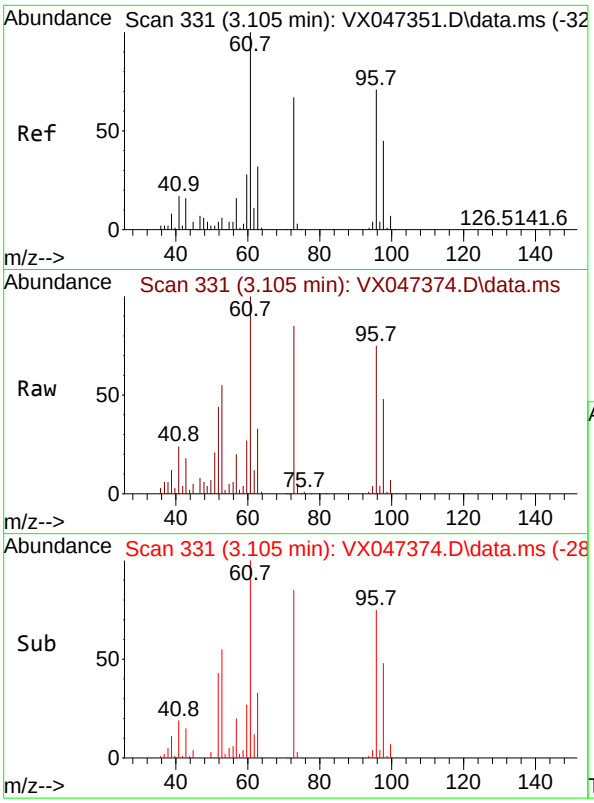


#20
Methylene Chloride
Concen: 19.243 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 84 Resp: 68704

Ion	Ratio	Lower	Upper
84	100		
49	123.8	100.1	150.1
51	36.7	29.5	44.3
86	62.3	51.8	77.8

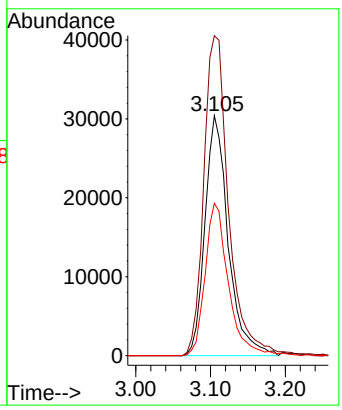




#21
trans-1,2-Dichloroethene
Concen: 19.248 ug/l
RT: 3.105 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 96 Resp: 6592

Ion	Ratio	Lower	Upper
96	100		
61	133.3	112.6	169.0
98	63.5	50.9	76.3



Instrument :
MSVOA_X
ClientSampleId :
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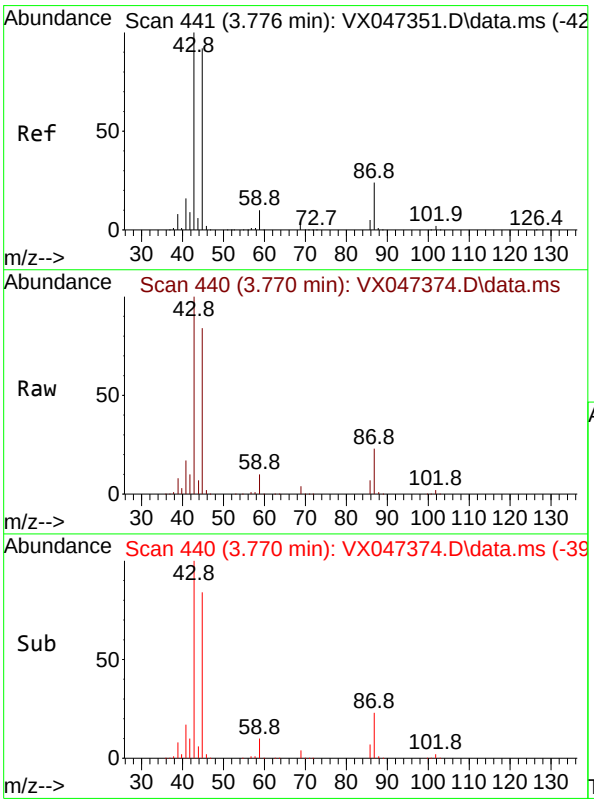
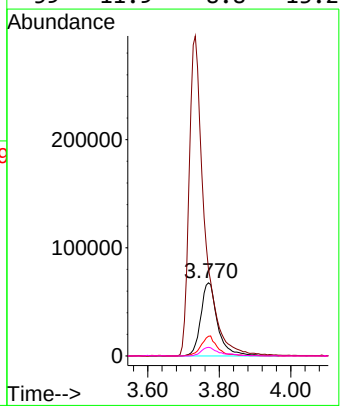
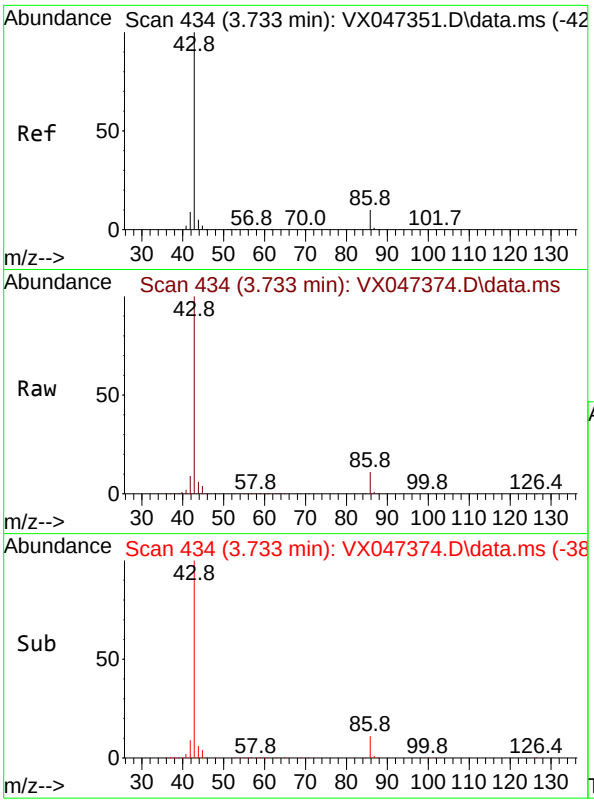


#22
Diisopropyl ether
Concen: 19.995 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.006 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 45 Resp: 221531

Ion	Ratio	Lower	Upper
45	100		
43	118.8	86.8	130.2
87	27.0	20.4	30.6
59	11.9	8.8	13.2

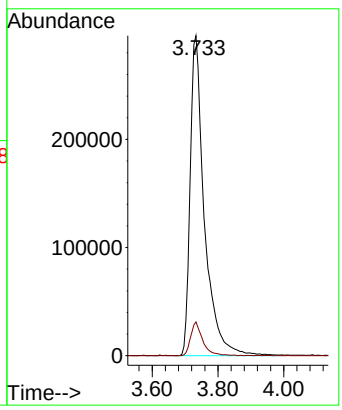




#23
Vinyl Acetate
Concen: 97.510 ug/l
RT: 3.733 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 43 Resp: 88548

Ion	Ratio	Lower	Upper
43	100		
86	10.6	7.9	11.9



Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

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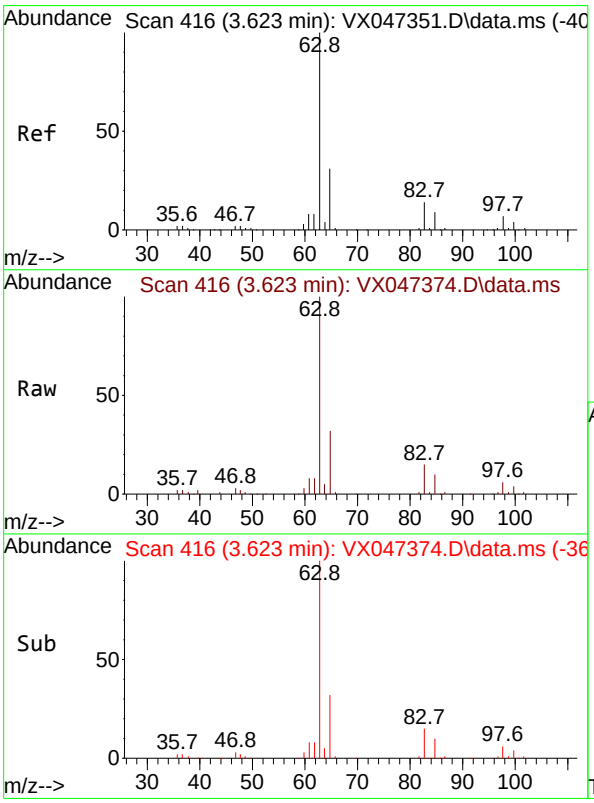
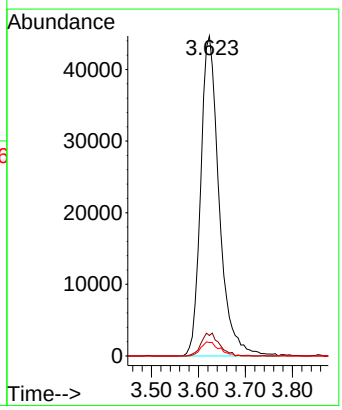
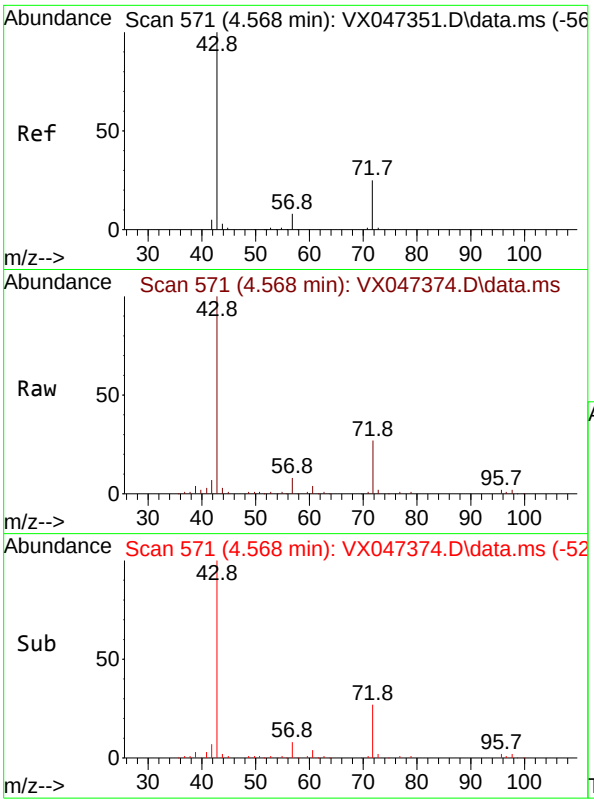


#24
1,1-Dichloroethane
Concen: 19.399 ug/l
RT: 3.623 min Scan# 416
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 63 Resp: 121482

Ion	Ratio	Lower	Upper
63	100		
98	6.4	3.3	9.9
100	4.3	2.1	6.3





#25
2-Butanone
Concen: 99.242 ug/l
RT: 4.568 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 43 Resp: 17524

Ion	Ratio	Lower	Upper
43	100		
72	26.1	19.8	29.8

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

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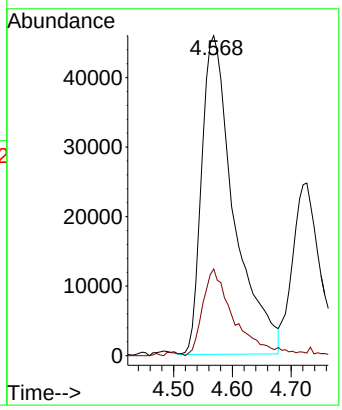
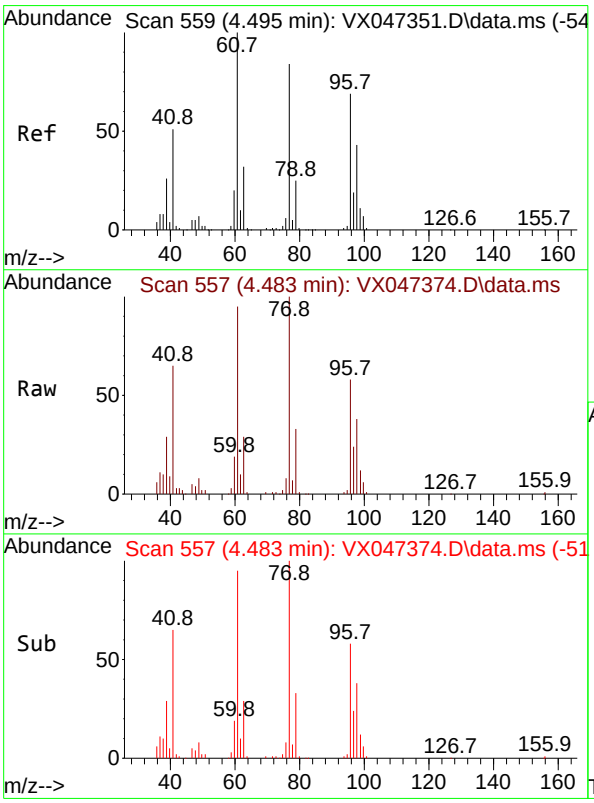
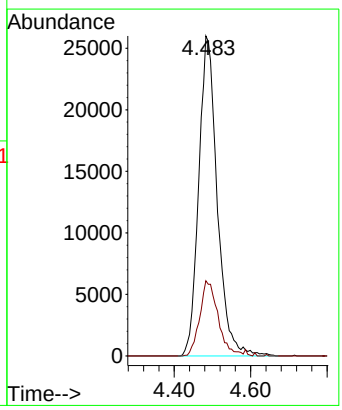


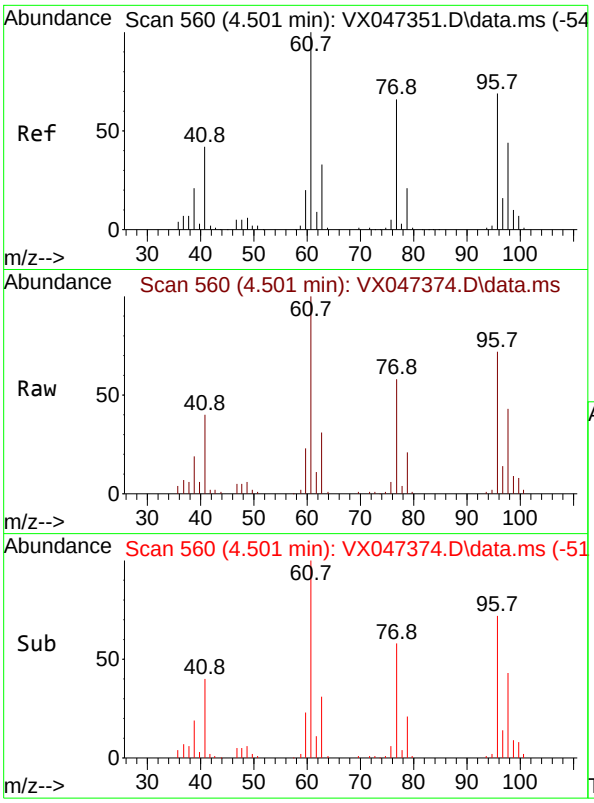


#26
2,2-Dichloropropane
Concen: 18.494 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.012 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 77 Resp: 87410

Ion	Ratio	Lower	Upper
77	100		
97	23.3	11.4	34.1

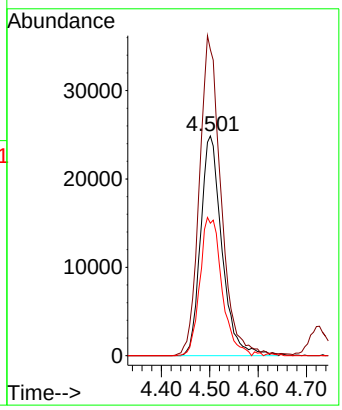




#27
cis-1,2-Dichloroethene
Concen: 19.096 ug/l
RT: 4.501 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 96 Resp: 7618

Ion	Ratio	Lower	Upper
96	100		
61	148.4	0.0	296.6
98	64.8	0.0	130.4



Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

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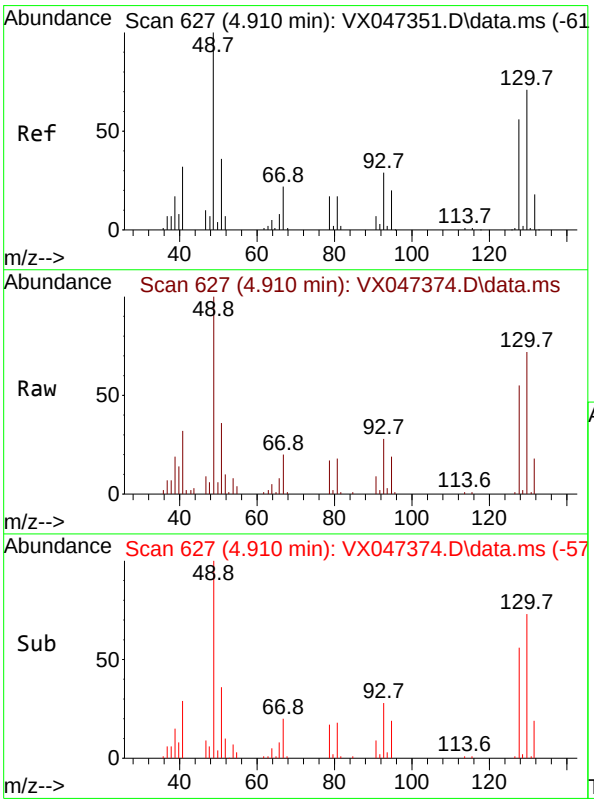
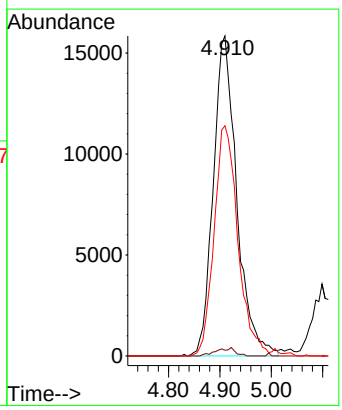
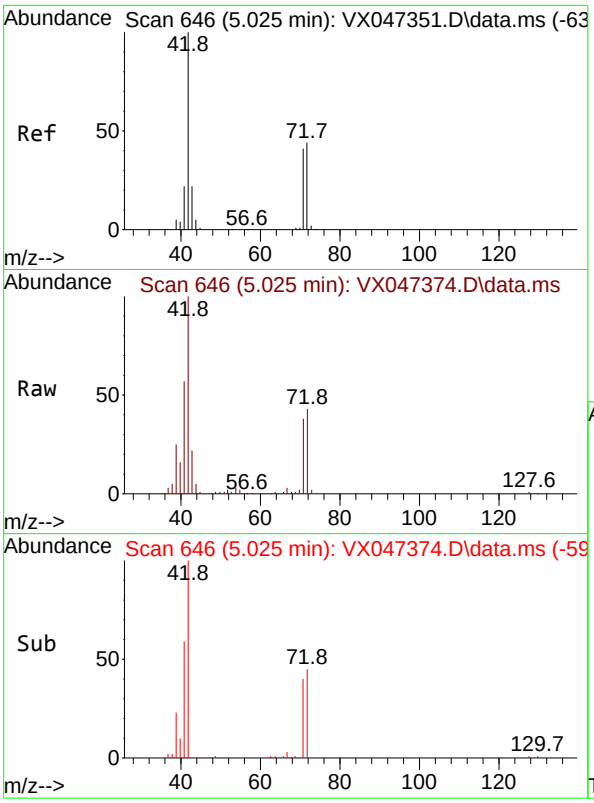


#28
Bromochloromethane
Concen: 19.305 ug/l
RT: 4.910 min Scan# 627
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 49 Resp: 50307

Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	4.0
130	72.8	59.8	89.6

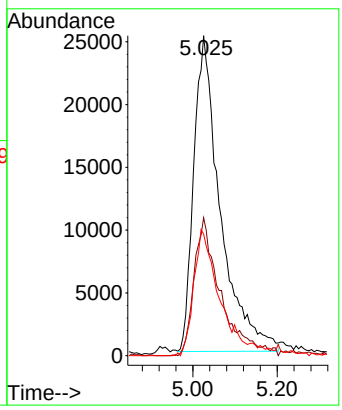




#29
Tetrahydrofuran
Concen: 96.574 ug/l
RT: 5.025 min Scan# 64
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 42 Resp: 11022

Ion	Ratio	Lower	Upper
42	100		
72	42.5	34.6	51.8
71	37.4	32.6	49.0



Instrument :
MSVOA_X
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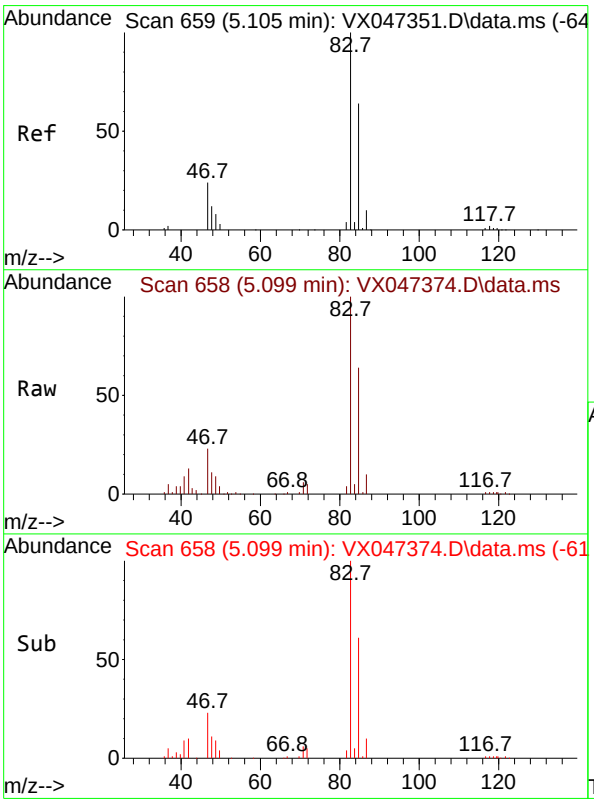
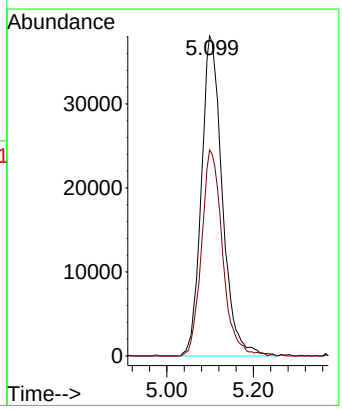
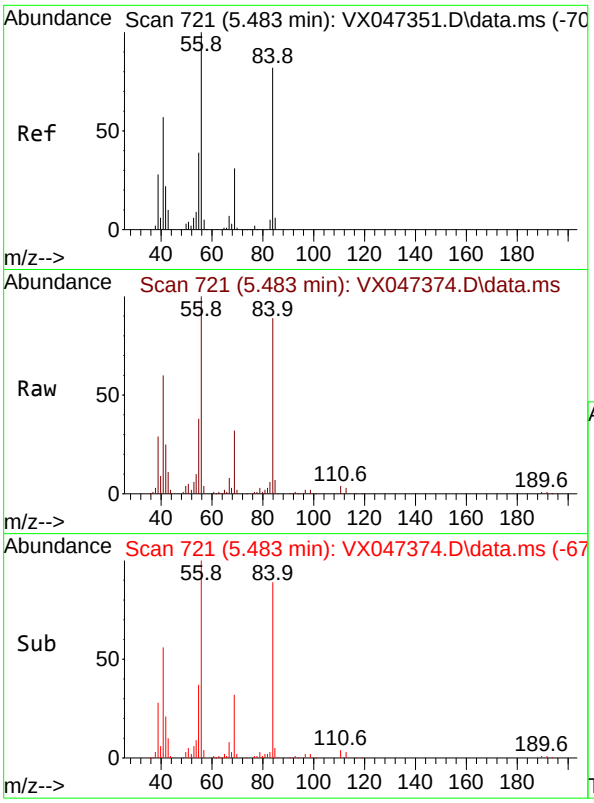


#30
Chloroform
Concen: 19.969 ug/l
RT: 5.099 min Scan# 658
Delta R.T. -0.006 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 83 Resp: 127625

Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.2	76.8





#31
Cyclohexane
Concen: 19.853 ug/l
RT: 5.483 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 56 Resp: 11460

Ion	Ratio	Lower	Upper
56	100		
69	31.6	24.3	36.5
84	88.9	65.3	97.9

Instrument :
MSVOA_X
ClientSampleId :
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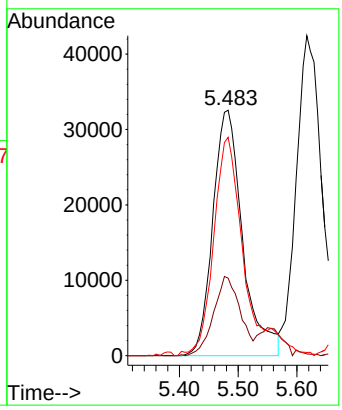
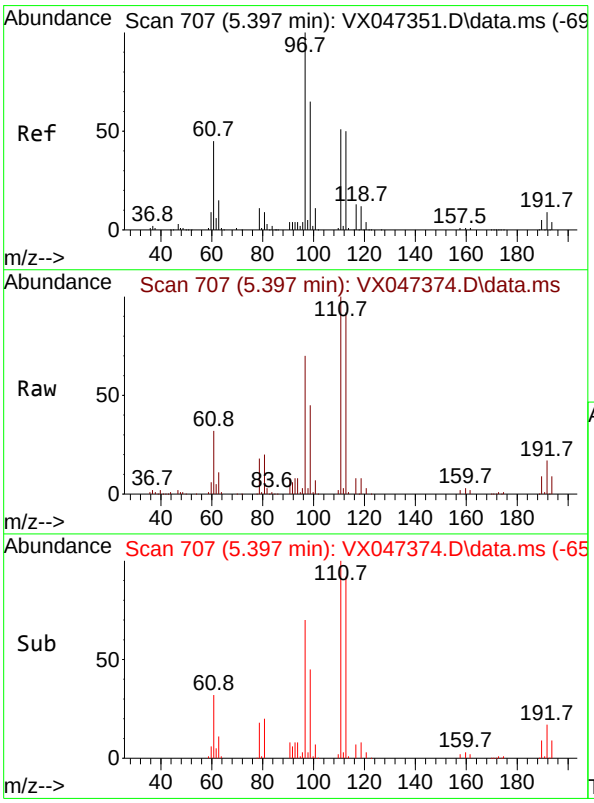
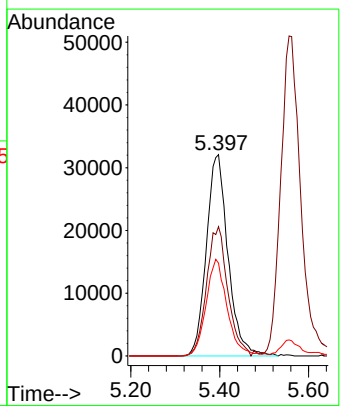


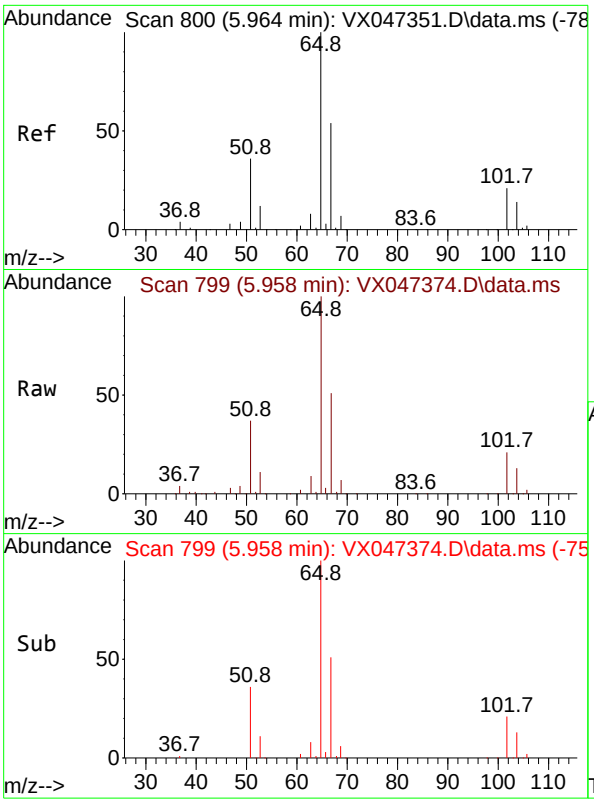


#32
1,1,1-Trichloroethane
Concen: 19.732 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 97 Resp: 108545

Ion	Ratio	Lower	Upper
97	100		
99	63.0	51.4	77.0
61	46.7	35.7	53.5

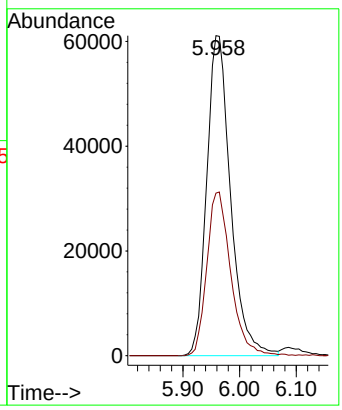




#33
1,2-Dichloroethane-d4
Concen: 49.694 ug/l
RT: 5.958 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 65 Resp: 17825

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	106.0



Instrument :
MSVOA_X
ClientSampleId :
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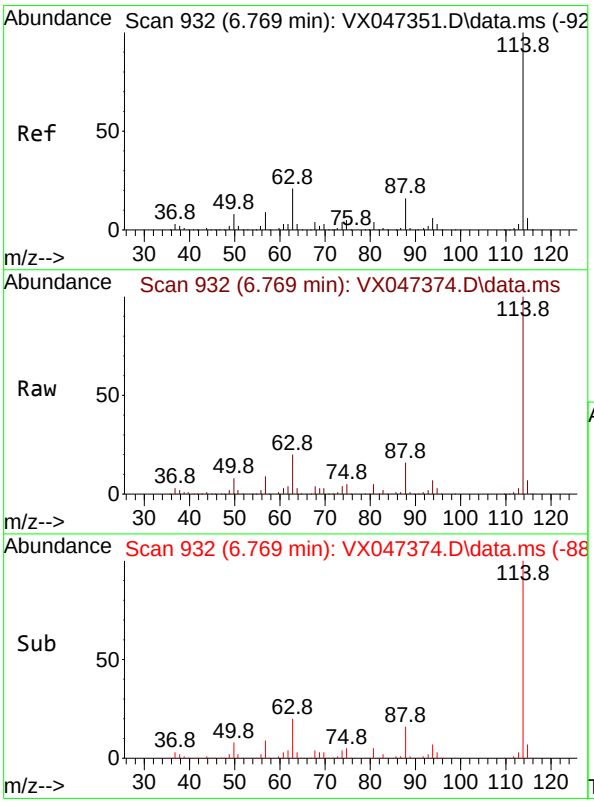
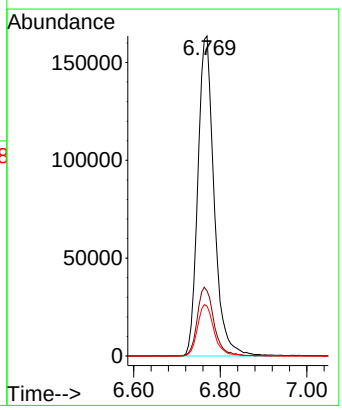
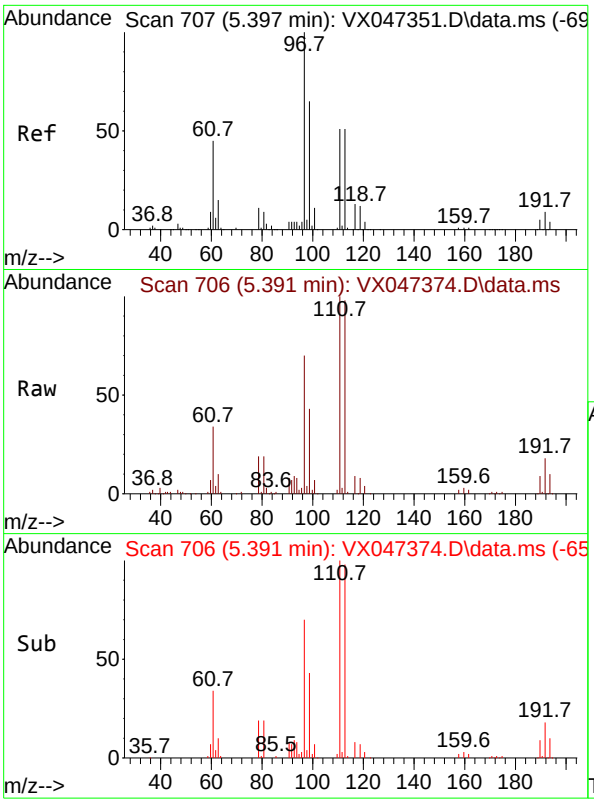


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion:114 Resp: 426348

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	42.4
88	15.6	0.0	33.0

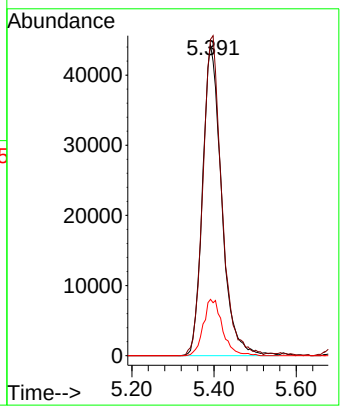




#35
Dibromofluoromethane
Concen: 51.359 ug/l
RT: 5.391 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion:113 Resp: 14211

Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.4	122.2
192	18.2	14.1	21.1



Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

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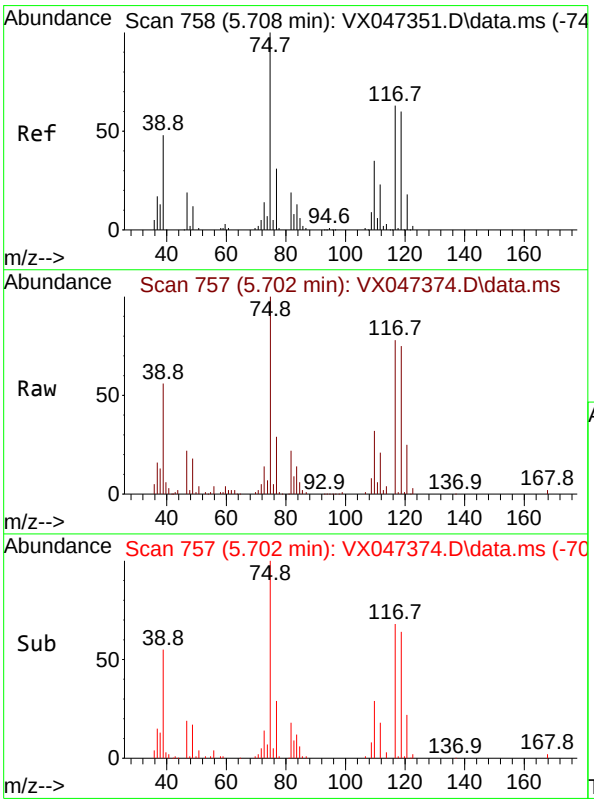
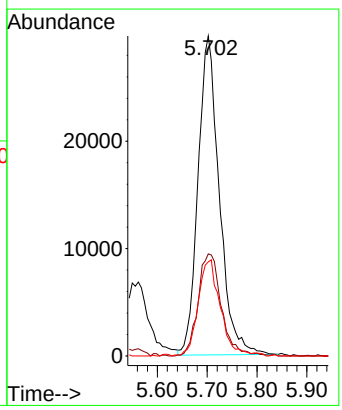
Supervised By :Mahesh Dadoda 08/20/2025

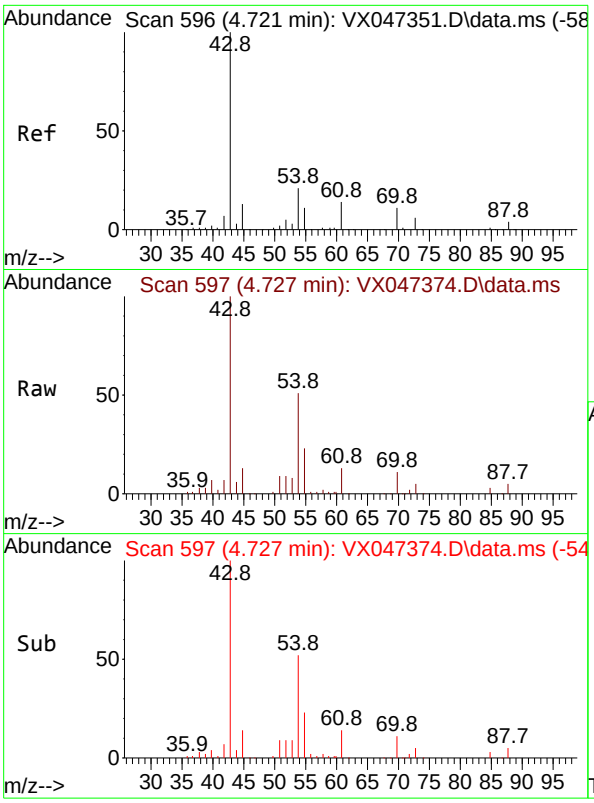


#36
1,1-Dichloropropene
Concen: 20.185 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.006 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 75 Resp: 88168

Ion	Ratio	Lower	Upper
75	100		
110	35.0	17.4	52.2
77	31.1	24.4	36.6

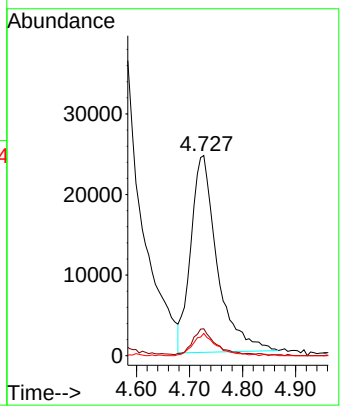




#37
Ethyl Acetate
Concen: 18.615 ug/l
RT: 4.727 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 43 Resp: 8441

Ion	Ratio	Lower	Upper
43	100		
61	11.8	9.4	14.2
70	10.0	7.0	10.6



Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

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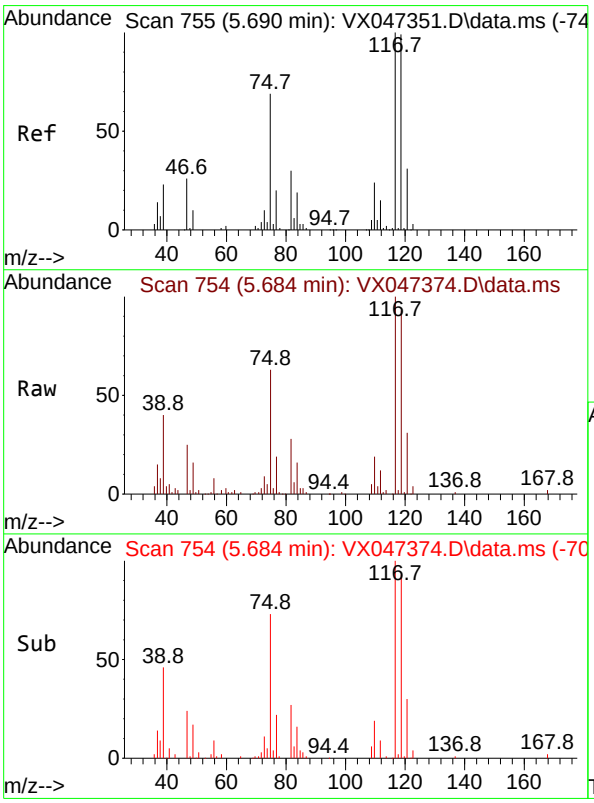
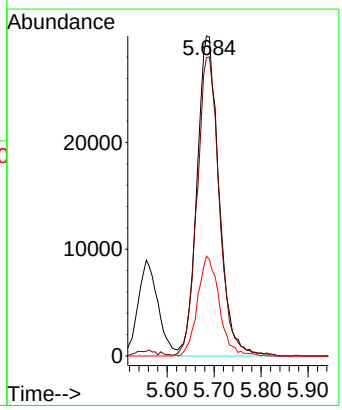
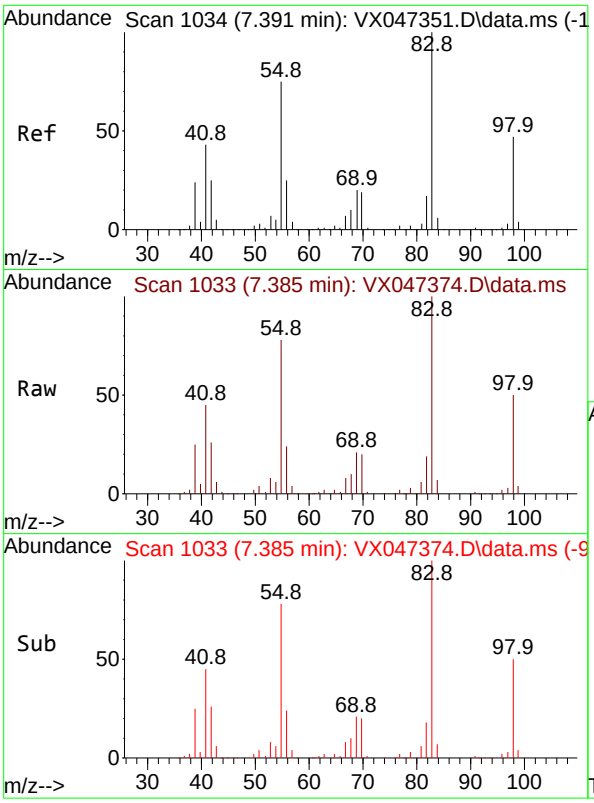


#38
Carbon Tetrachloride
Concen: 20.434 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion:117 Resp: 97536

Ion	Ratio	Lower	Upper
117	100		
119	93.2	78.5	117.7
121	31.2	24.7	37.1

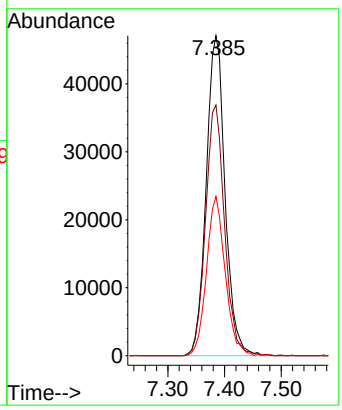




#39
Methylcyclohexane
Concen: 19.955 ug/l
RT: 7.385 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 83 Resp: 10872

Ion	Ratio	Lower	Upper
83	100		
55	78.3	60.0	90.0
98	49.8	37.2	55.8



Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

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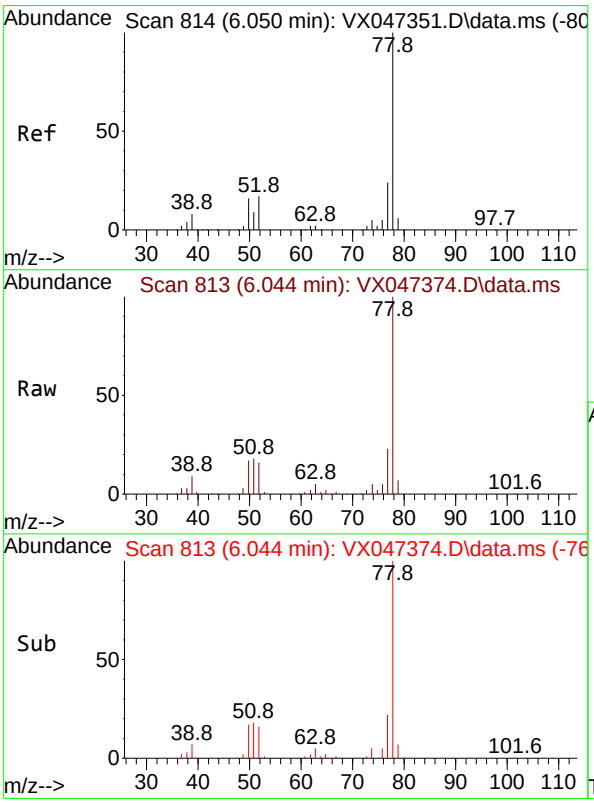
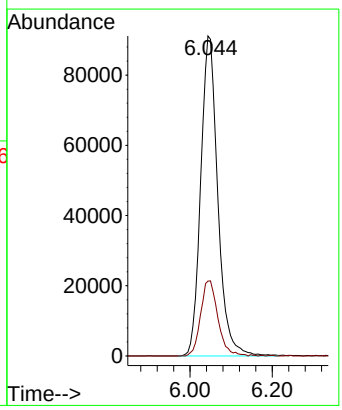
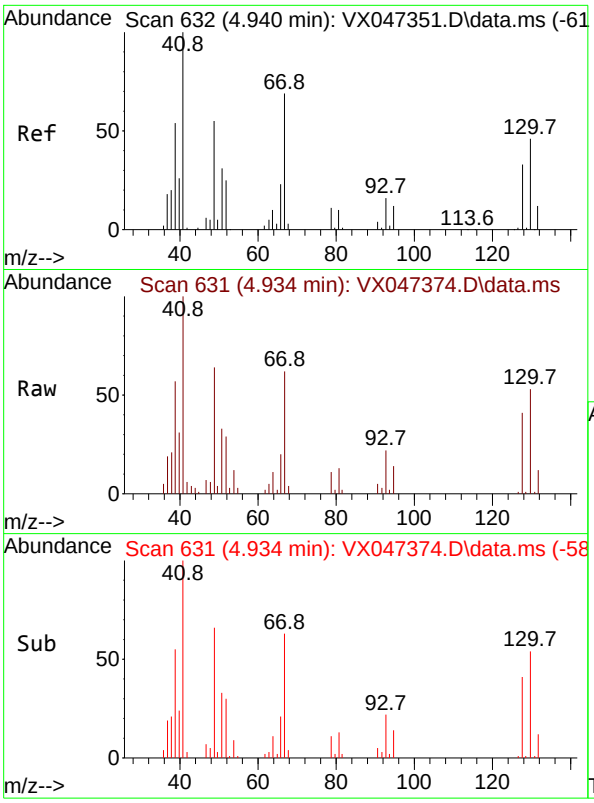


#40
Benzene
Concen: 20.096 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.006 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 78 Resp: 262740

Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.0	28.4

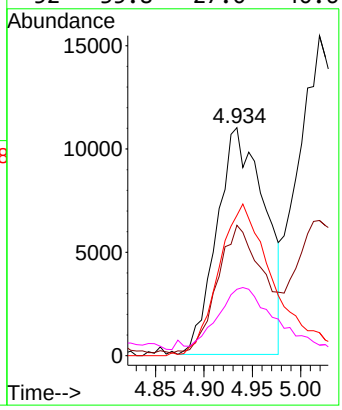




#41
Methacrylonitrile
Concen: 19.793 ug/l
RT: 4.934 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 41 Resp: 3784

Ion	Ratio	Lower	Upper
41	100		
39	57.0	45.4	68.2
67	78.4	64.0	96.0
52	35.8	27.0	40.6



Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

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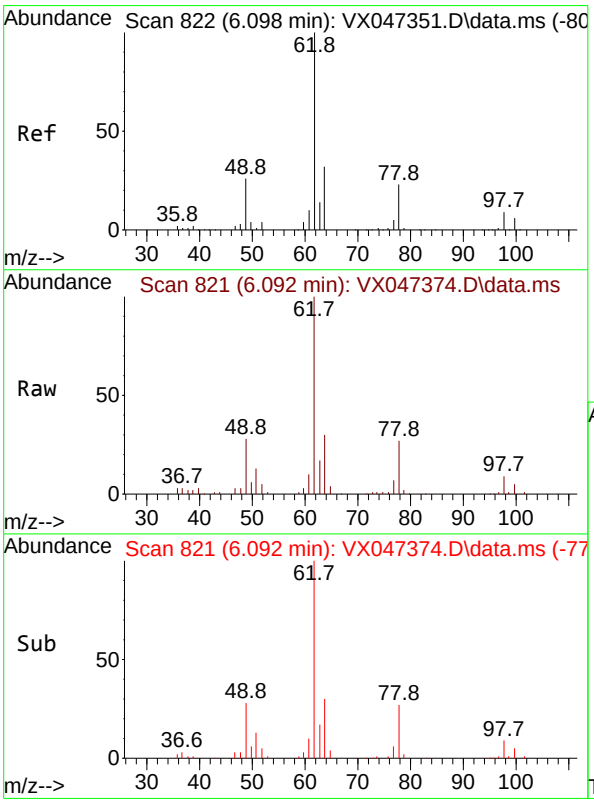
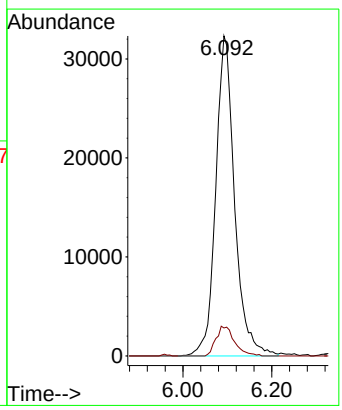
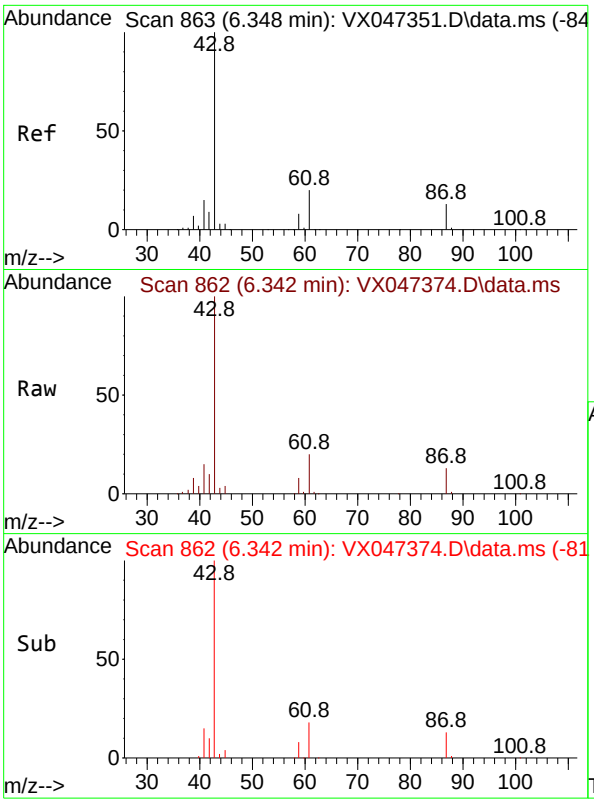


#42
1,2-Dichloroethane
Concen: 20.554 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 62 Resp: 95188

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.0

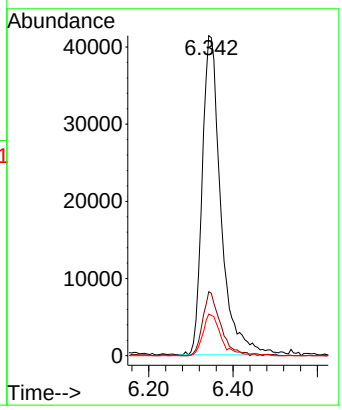




#43
Isopropyl Acetate
Concen: 19.606 ug/l
RT: 6.342 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 43 Resp: 12772

Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.4	23.0
87	12.4	10.2	15.4



Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

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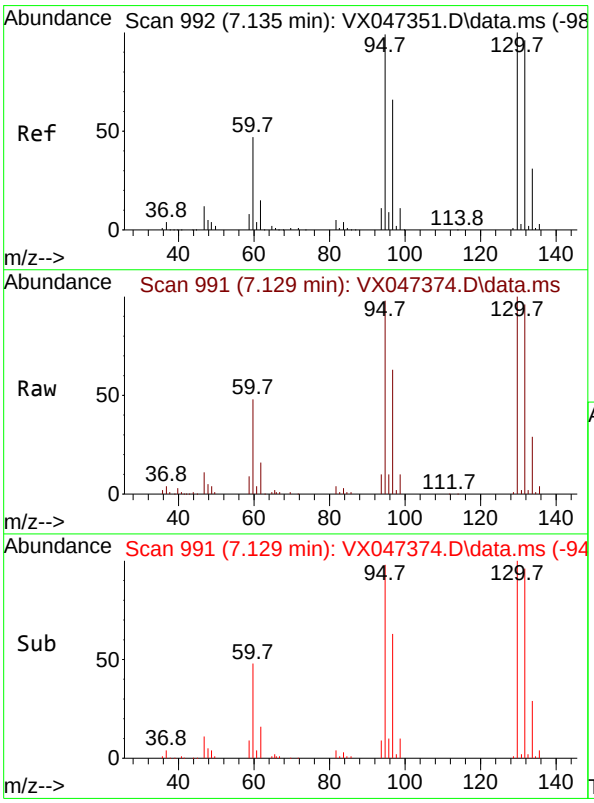
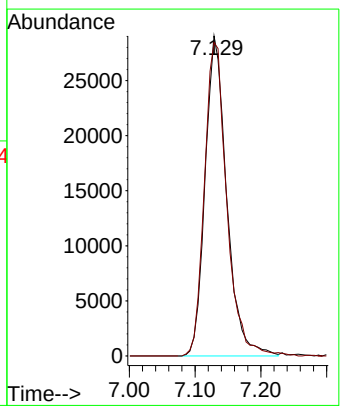
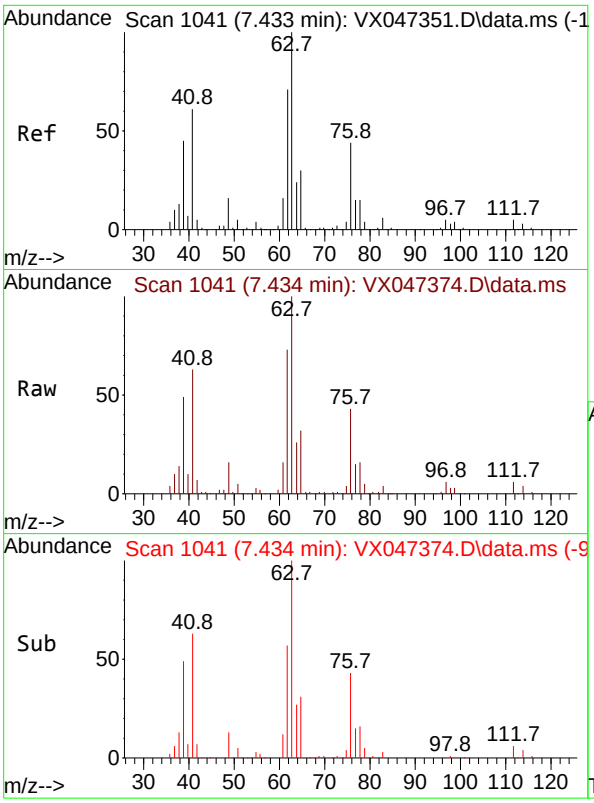


#44
Trichloroethene
Concen: 19.835 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion:130 Resp: 66400

Ion	Ratio	Lower	Upper
130	100		
95	98.0	0.0	198.6

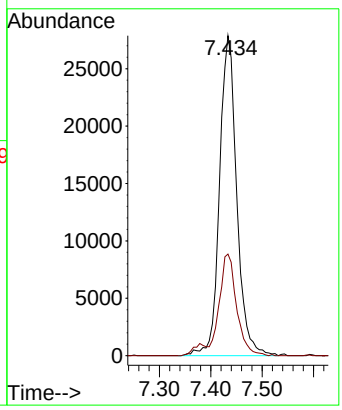




#45
1,2-Dichloropropane
Concen: 19.797 ug/l
RT: 7.434 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 63 Resp: 6484

Ion	Ratio	Lower	Upper
63	100		
65	31.7	23.8	35.6



Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

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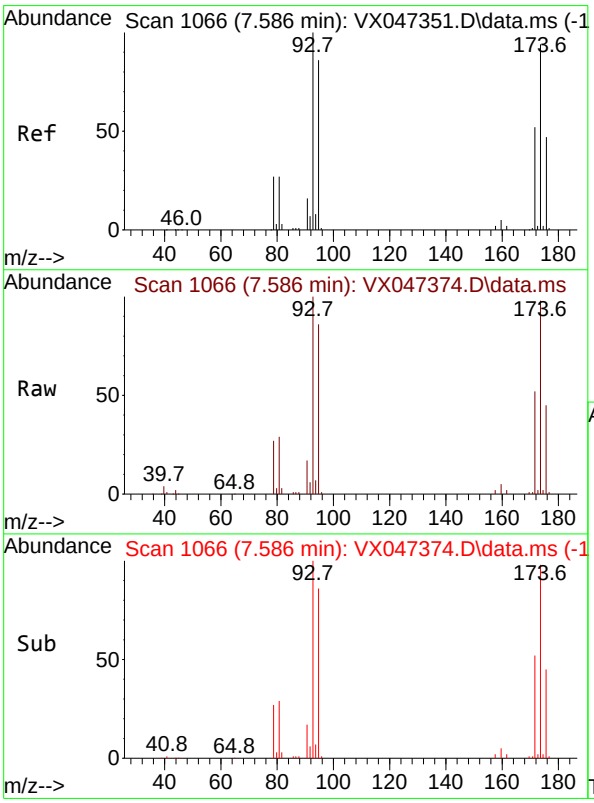
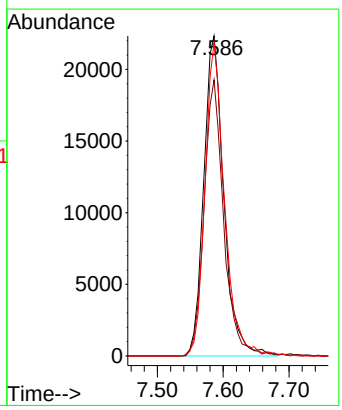
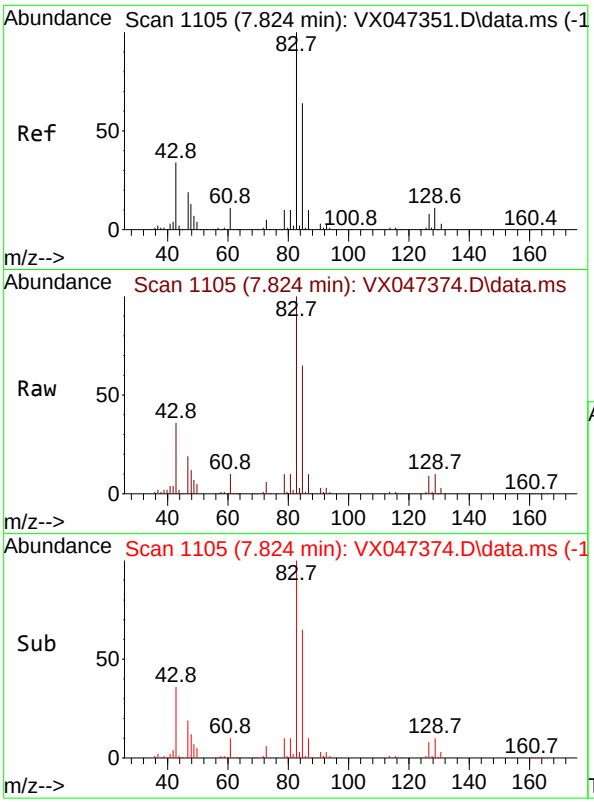


#46
Dibromomethane
Concen: 19.887 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 93 Resp: 47290

Ion	Ratio	Lower	Upper
93	100		
95	84.6	68.0	102.0
174	95.5	75.8	113.6

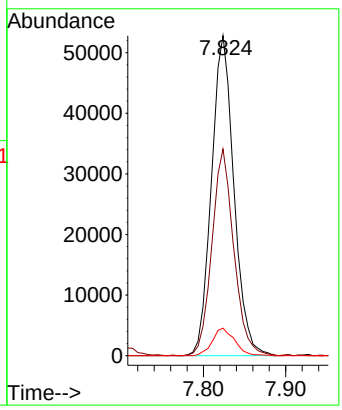




#47
Bromodichloromethane
Concen: 20.333 ug/l
RT: 7.824 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 83 Resp: 10023

Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.0	76.6
127	8.6	7.0	10.4



Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

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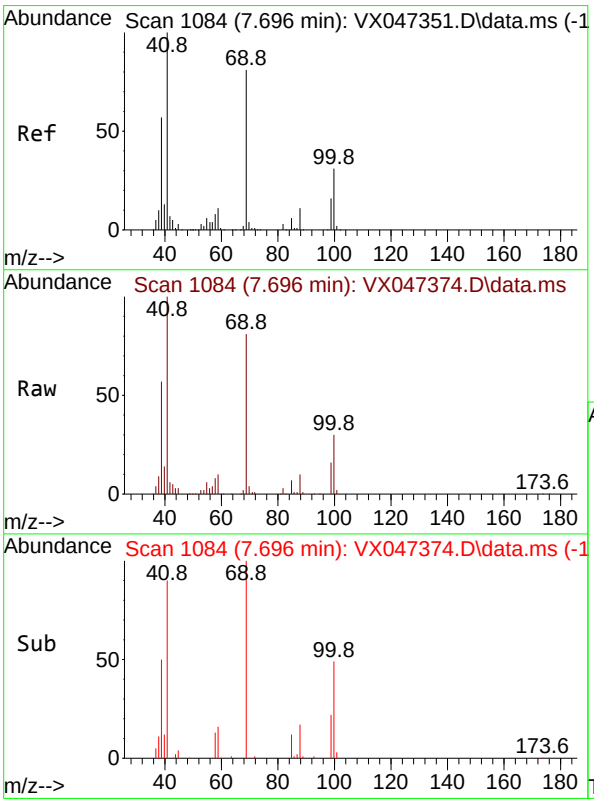
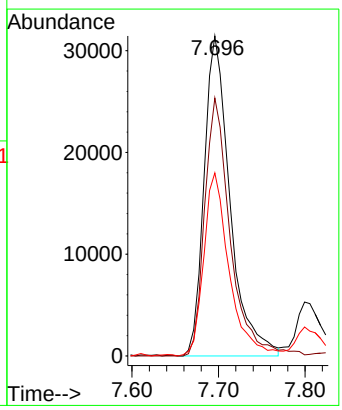
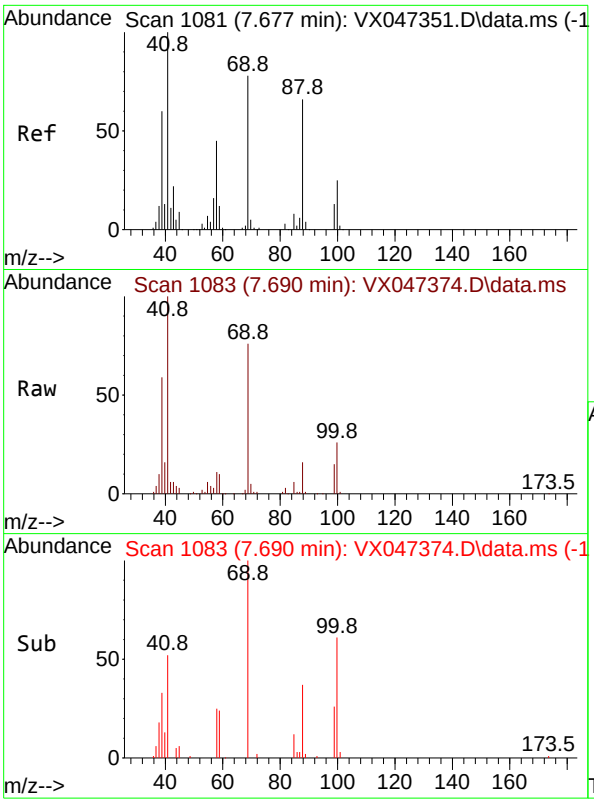


#48
Methyl methacrylate
Concen: 19.343 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 41 Resp: 65407

Ion	Ratio	Lower	Upper
41	100		
69	79.9	65.0	97.4
39	56.3	45.7	68.5





#49
1,4-Dioxane
Concen: 355.080 ug/l
RT: 7.690 min Scan# 1
Delta R.T. 0.012 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 88 Resp: 1167

Ion	Ratio	Lower	Upper
88	100		
43	40.3	32.4	48.6
58	77.4	56.9	85.3

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

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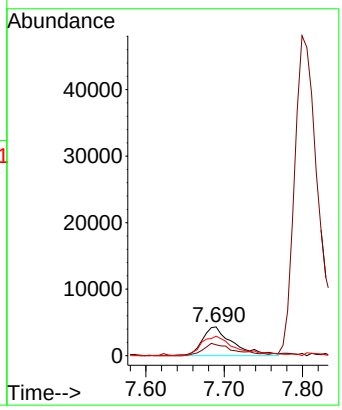
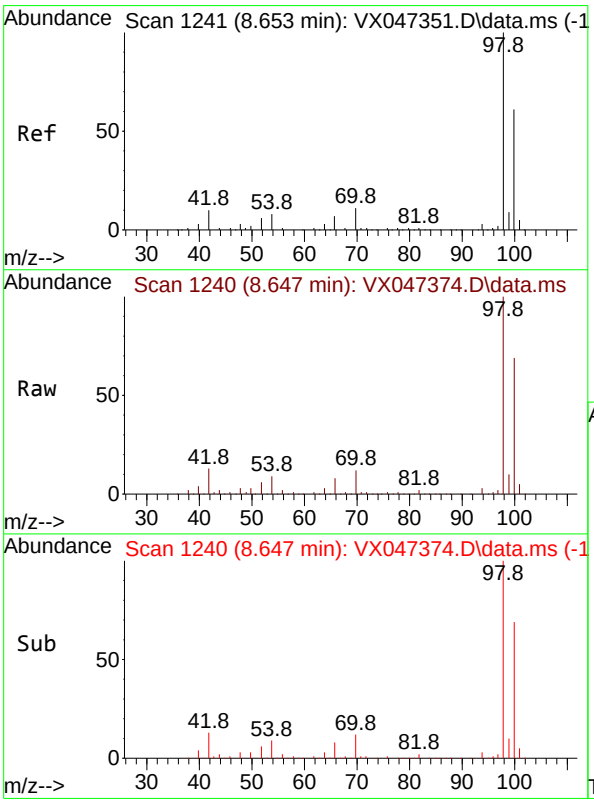
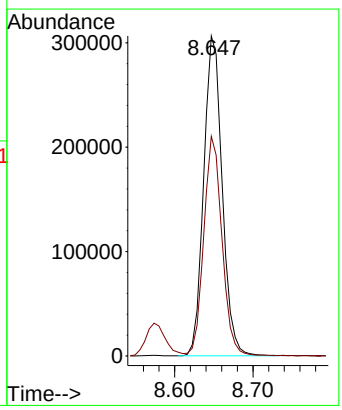


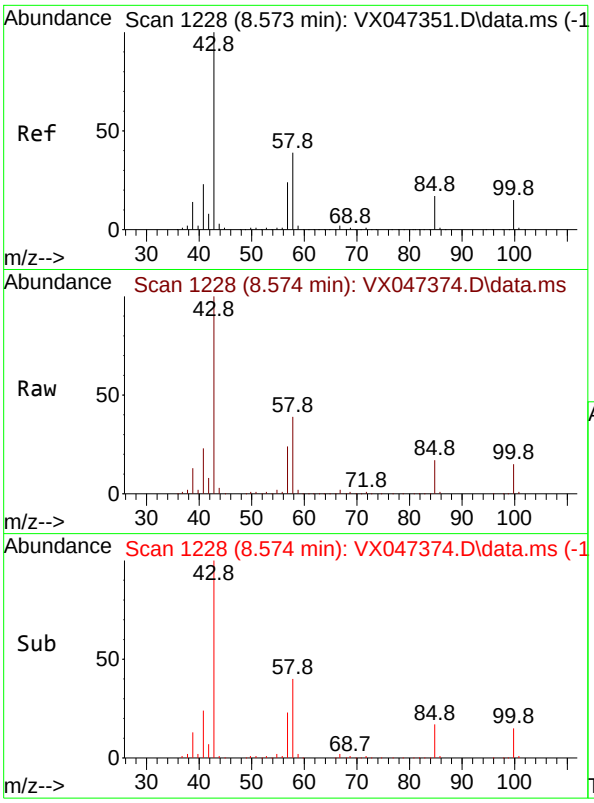


#50
Toluene-d8
Concen: 50.720 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 98 Resp: 501625

Ion	Ratio	Lower	Upper
98	100		
100	67.8	53.9	80.9

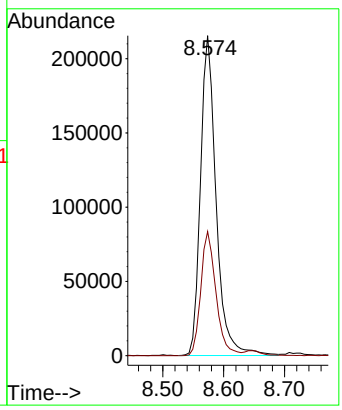




#51
4-Methyl-2-Pentanone
Concen: 102.487 ug/l
RT: 8.574 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 43 Resp: 38420

Ion	Ratio	Lower	Upper
43	100		
58	37.7	31.2	46.8



Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

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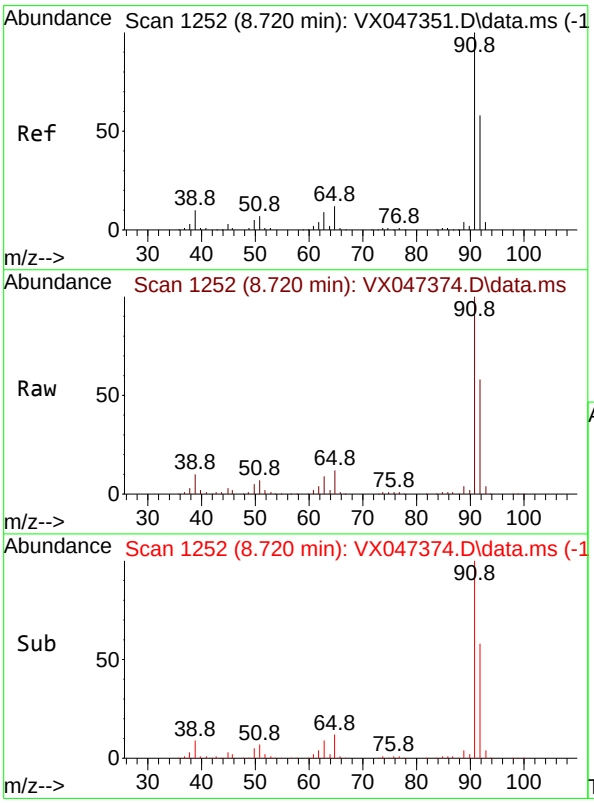
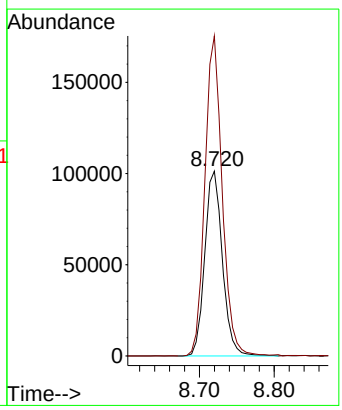
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025

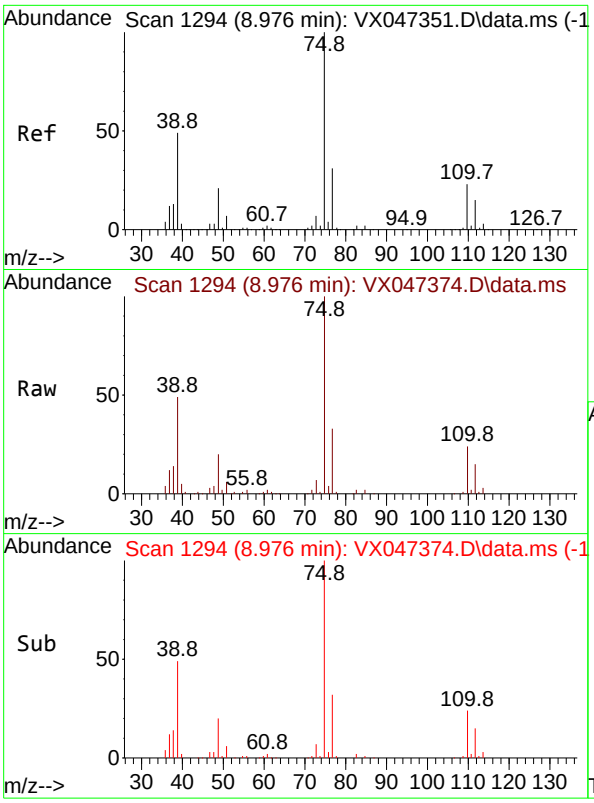


#52
Toluene
Concen: 20.523 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 92 Resp: 165801

Ion	Ratio	Lower	Upper
92	100		
91	170.3	136.3	204.5

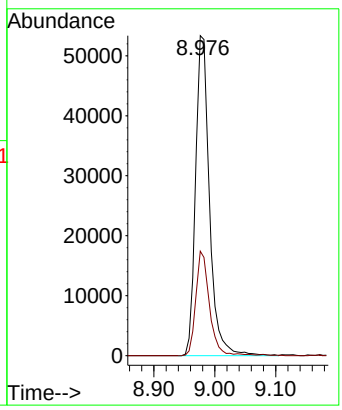




#53
t-1,3-Dichloropropene
Concen: 19.681 ug/l
RT: 8.976 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 75 Resp: 8467

Ion	Ratio	Lower	Upper
75	100		
77	32.7	24.7	37.1



Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

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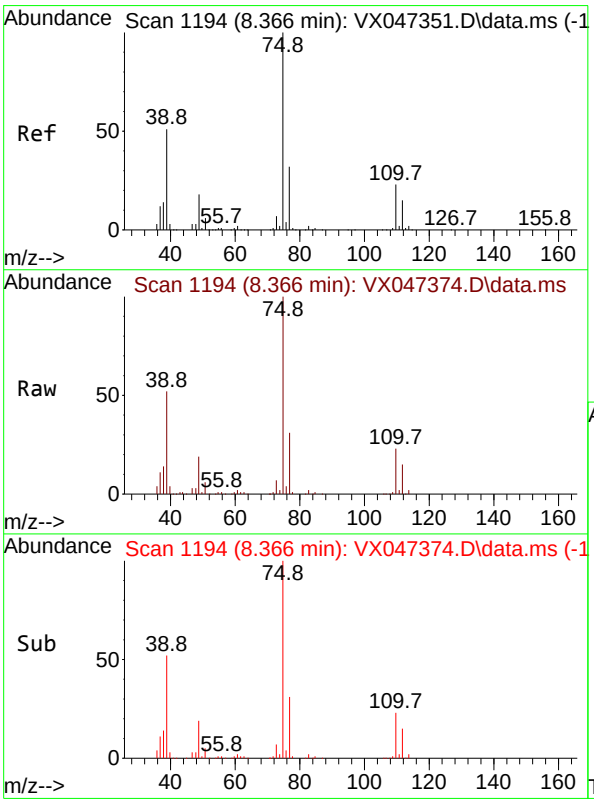
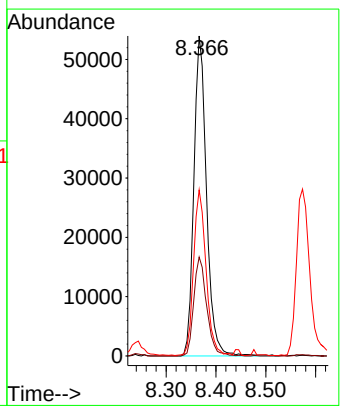
Supervised By :Mahesh Dadoda 08/20/2025

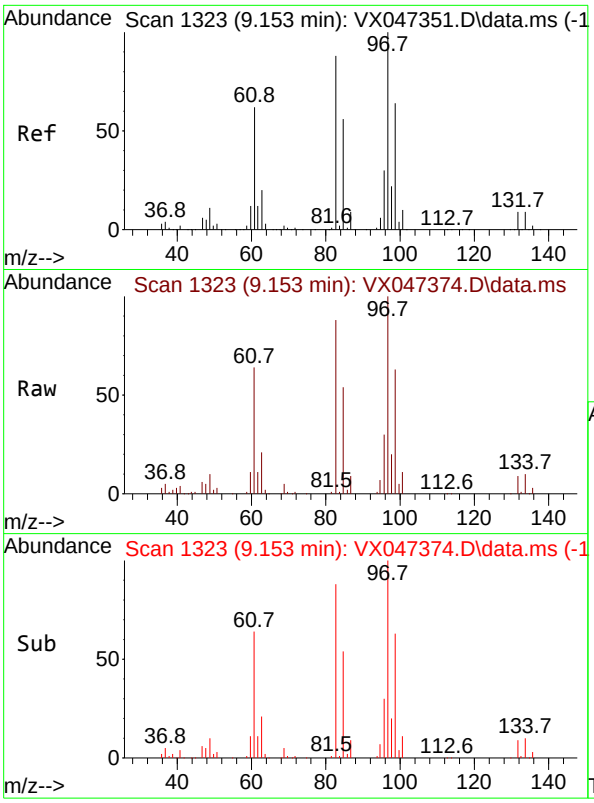


#54
cis-1,3-Dichloropropene
Concen: 19.522 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 75 Resp: 95068

Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.6	38.4
39	51.8	40.9	61.3

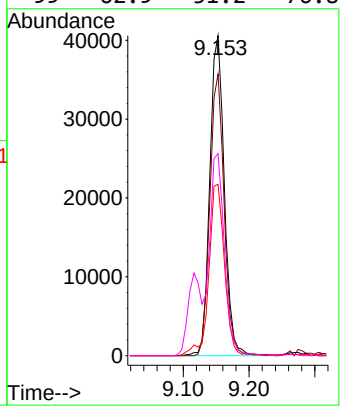




#55
1,1,2-Trichloroethane
Concen: 20.382 ug/l
RT: 9.153 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 97 Resp: 6251

Ion	Ratio	Lower	Upper
97	100		
83	88.0	70.6	106.0
85	53.5	44.7	67.1
99	62.9	51.2	76.8



Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

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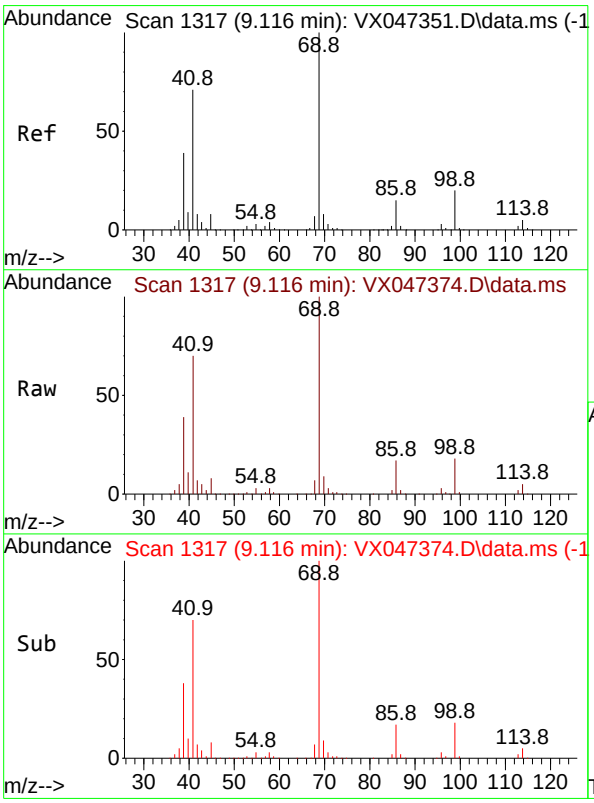
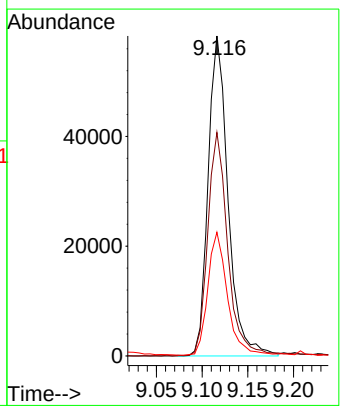
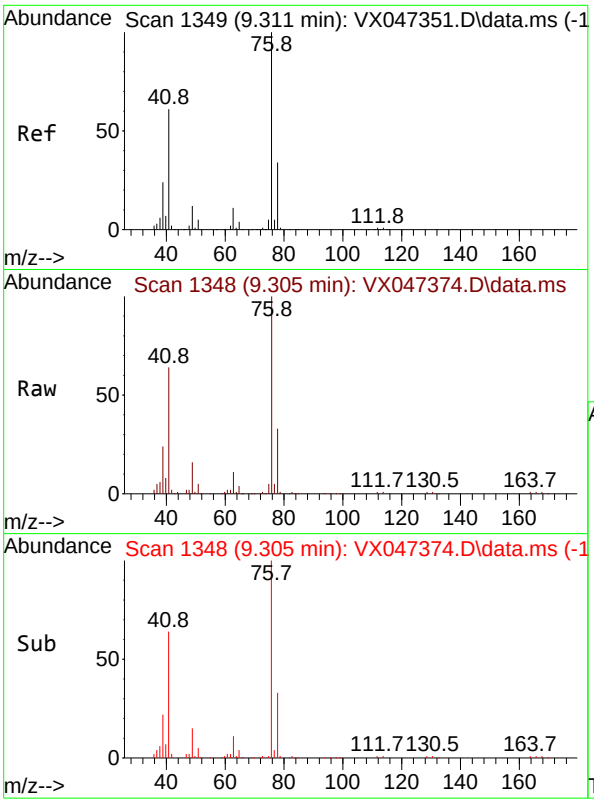


#56
Ethyl methacrylate
Concen: 19.499 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 69 Resp: 88182

Ion	Ratio	Lower	Upper
69	100		
41	71.3	55.3	82.9
39	37.9	30.2	45.2





#57
1,3-Dichloropropane
Concen: 20.234 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 76 Resp: 10576

Ion	Ratio	Lower	Upper
76	100		
78	33.1	26.2	39.2

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

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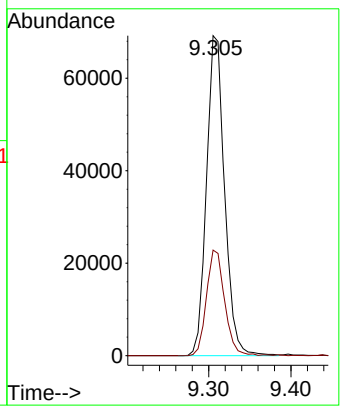
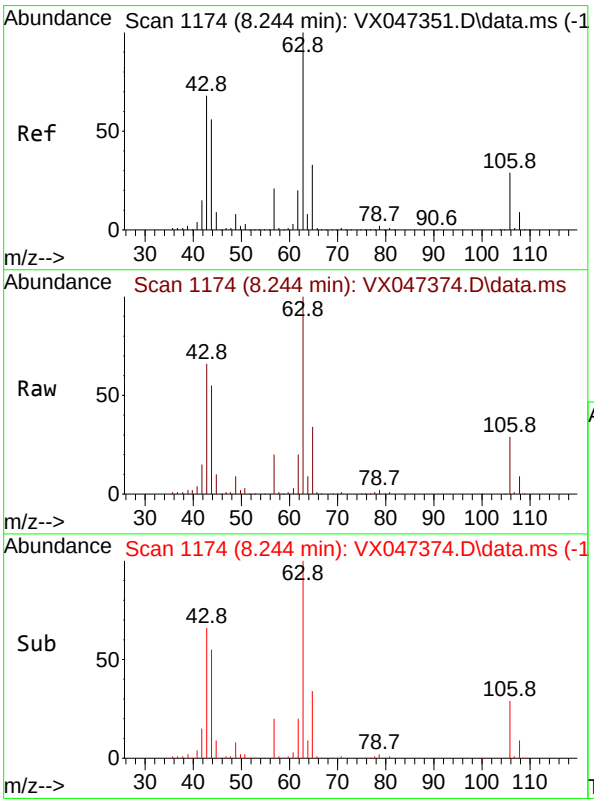
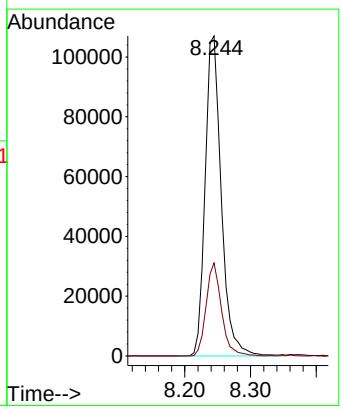


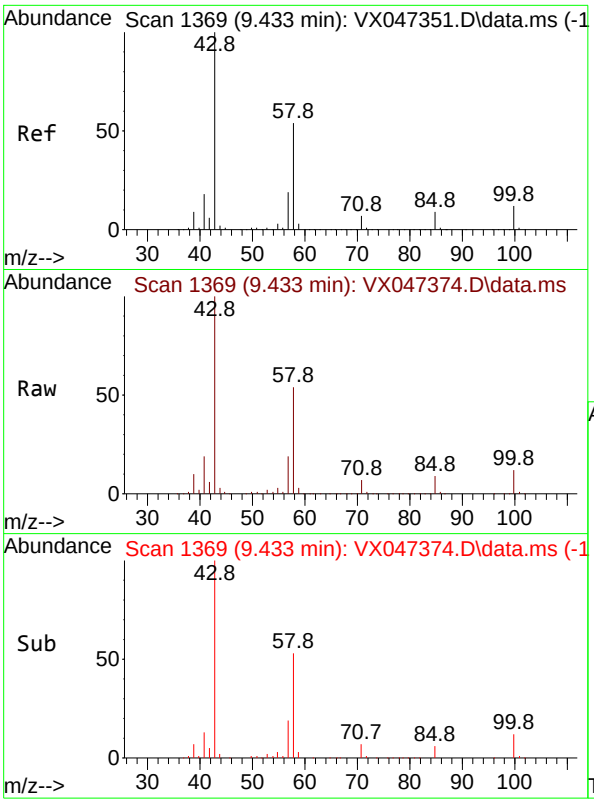


#58
2-Chloroethyl Vinyl ether
Concen: 90.181 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 63 Resp: 182812

Ion	Ratio	Lower	Upper
63	100		
106	27.6	22.8	34.2





#59
2-Hexanone
Concen: 100.356 ug/l
RT: 9.433 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 43 Resp: 26023

Ion	Ratio	Lower	Upper
43	100		
58	53.0	26.9	80.7

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

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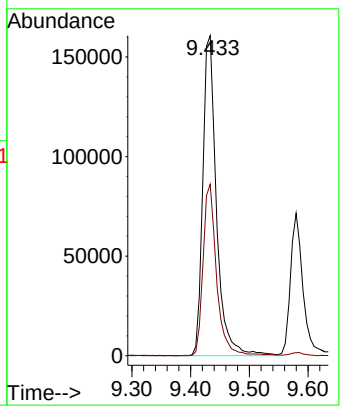
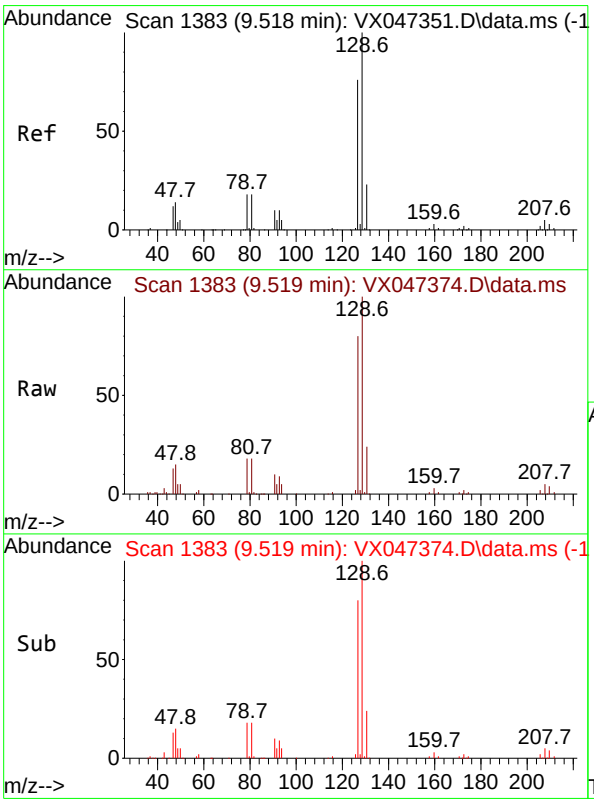
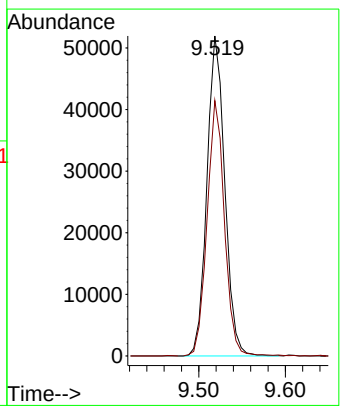


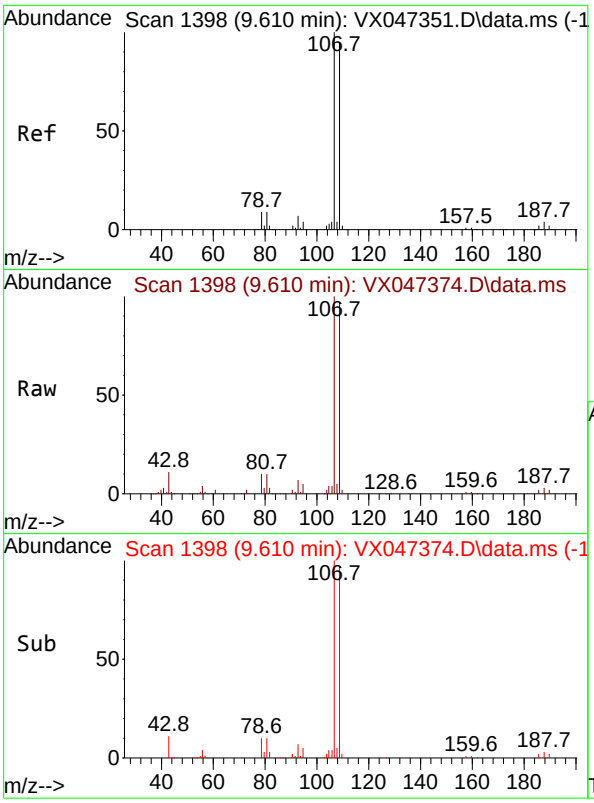


#60
Dibromochloromethane
Concen: 20.386 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion:129 Resp: 74313

Ion	Ratio	Lower	Upper
129	100		
127	77.8	38.9	116.6





#61
1,2-Dibromoethane
Concen: 19.912 ug/l
RT: 9.610 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion:107 Resp: 6298

Ion	Ratio	Lower	Upper
107	100		
109	97.9	76.2	114.2

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

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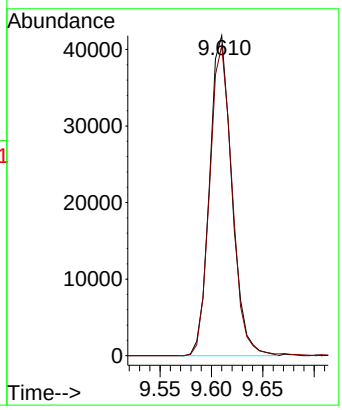
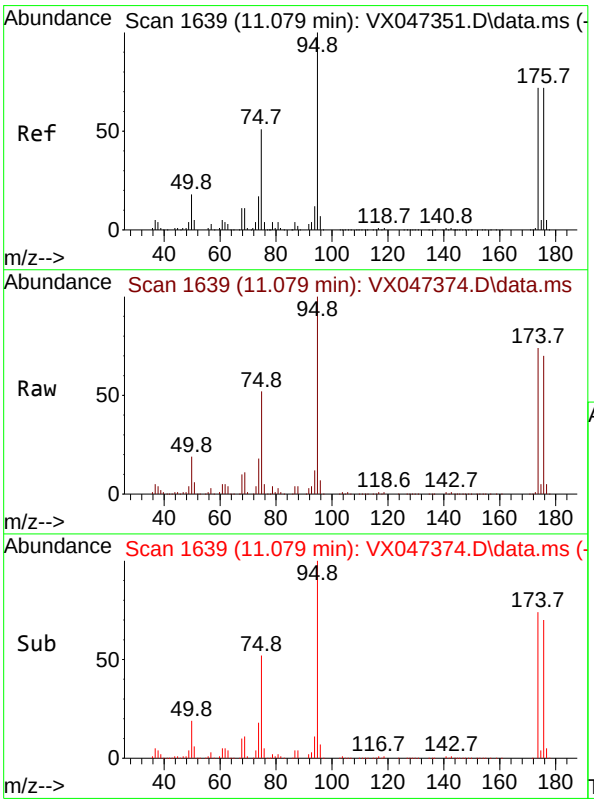
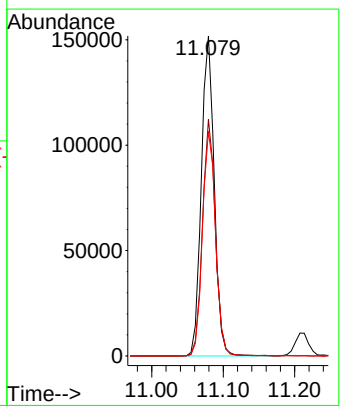


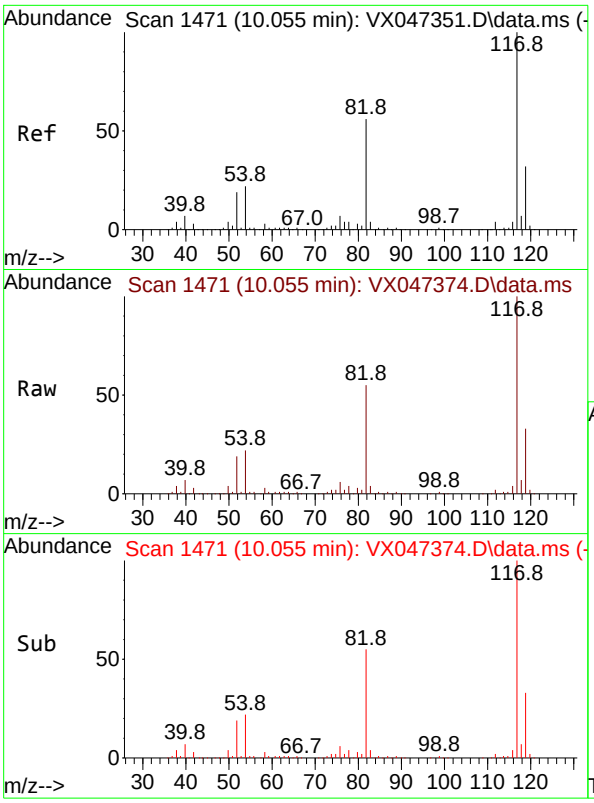


#62
4-Bromofluorobenzene
Concen: 52.129 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 95 Resp: 190251

Ion	Ratio	Lower	Upper
95	100		
174	73.7	0.0	148.0
176	71.6	0.0	145.4

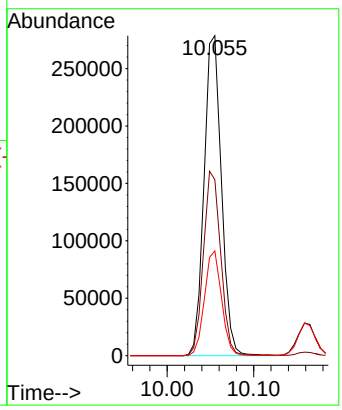




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion:117 Resp: 38900

Ion	Ratio	Lower	Upper
117	100		
82	55.0	45.0	67.4
119	32.7	25.8	38.8



Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

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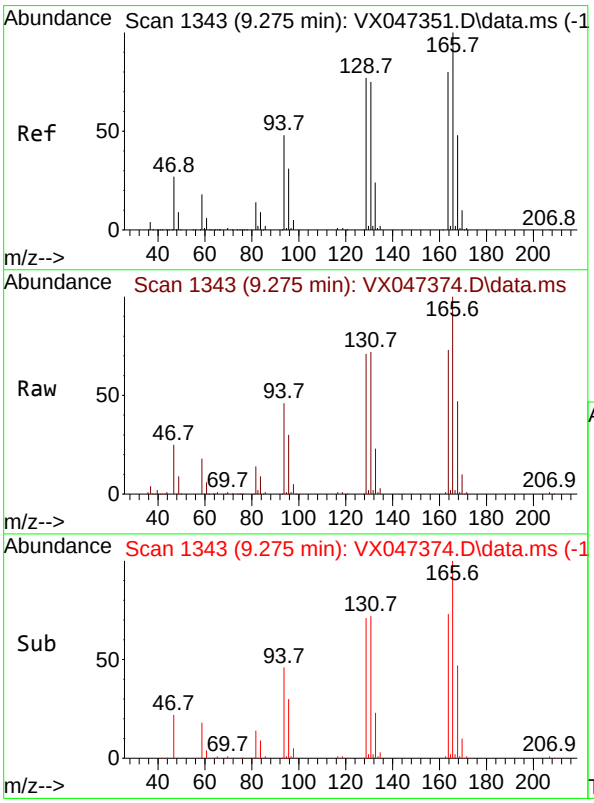
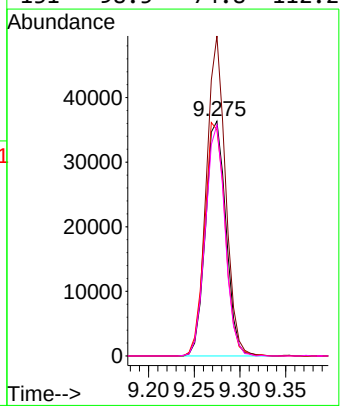
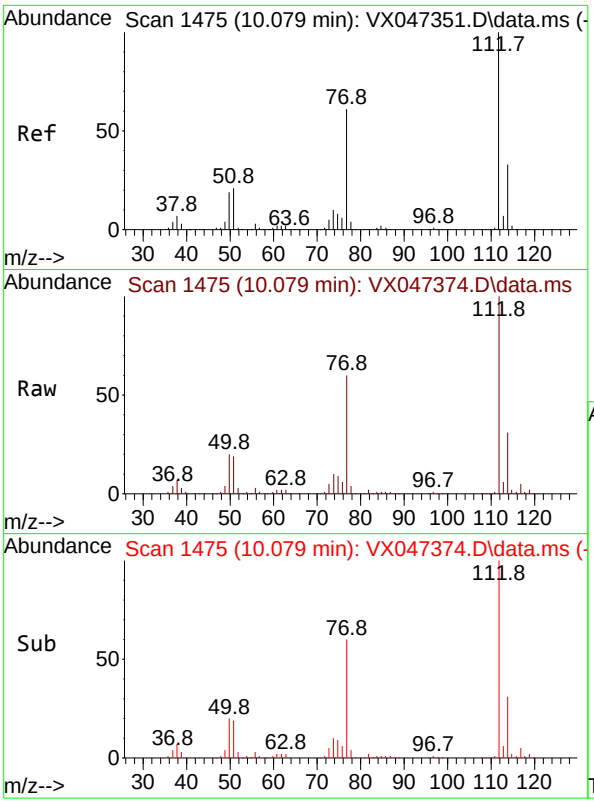


#64
Tetrachloroethene
Concen: 20.046 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion:164 Resp: 56403

Ion	Ratio	Lower	Upper
164	100		
166	136.3	100.3	150.5
129	96.4	77.7	116.5
131	98.5	74.8	112.2

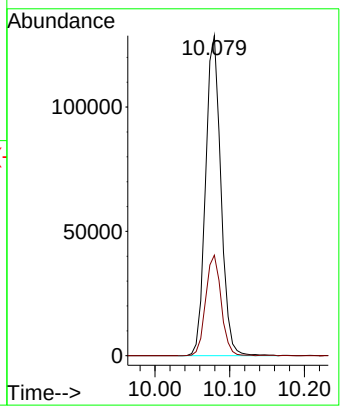




#65
Chlorobenzene
Concen: 19.780 ug/l
RT: 10.079 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion:112 Resp: 18284

Ion	Ratio	Lower	Upper
112	100		
114	31.4	26.4	39.6



Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

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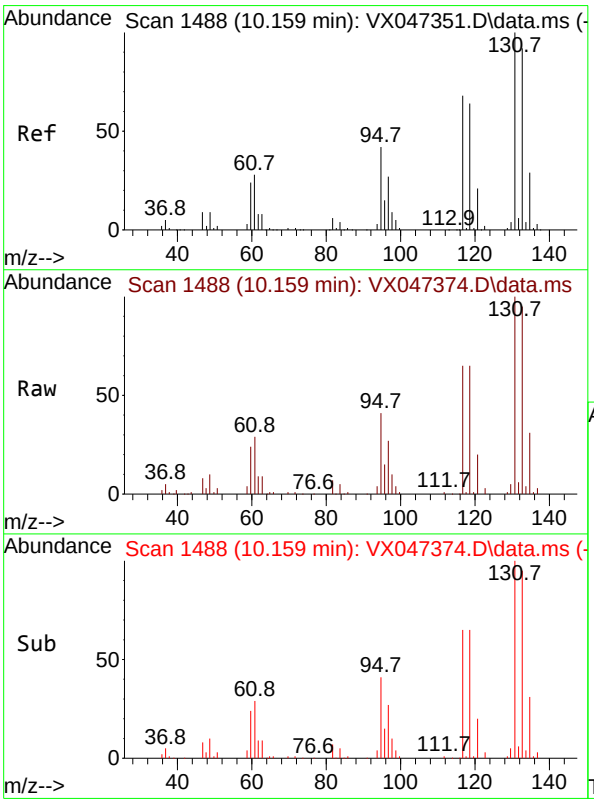
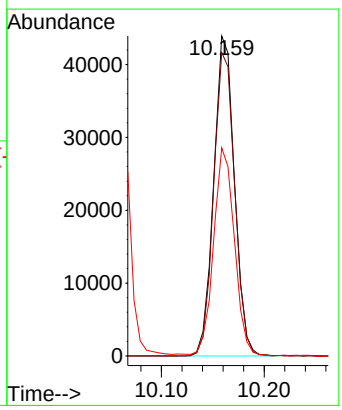
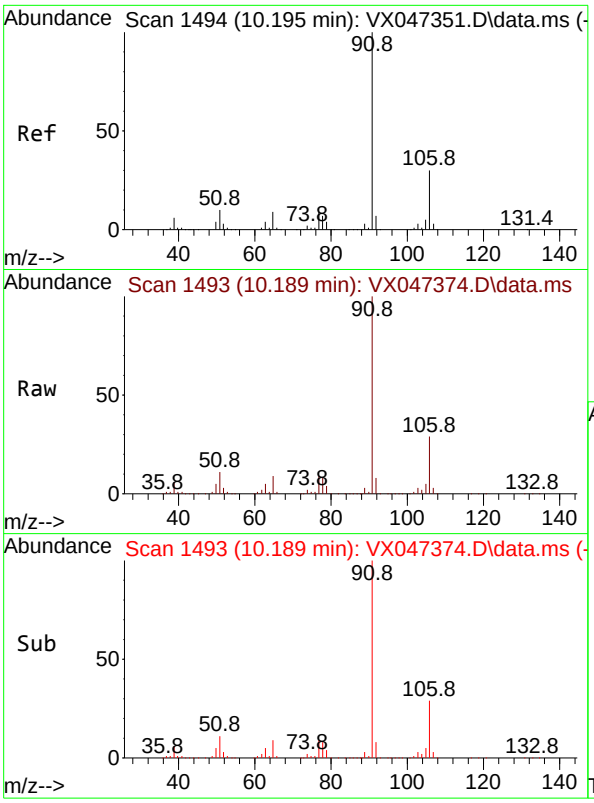


#66
1,1,1,2-Tetrachloroethane
Concen: 19.703 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion:131 Resp: 61571

Ion	Ratio	Lower	Upper
131	100		
133	95.9	47.6	142.9
119	65.5	32.3	96.8





#67
Ethyl Benzene
Concen: 19.925 ug/l
RT: 10.189 min Scan# 14
Delta R.T. -0.006 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 91 Resp: 31701

Ion	Ratio	Lower	Upper
91	100		
106	29.3	24.4	36.6

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

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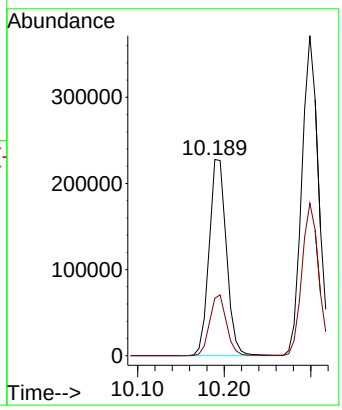
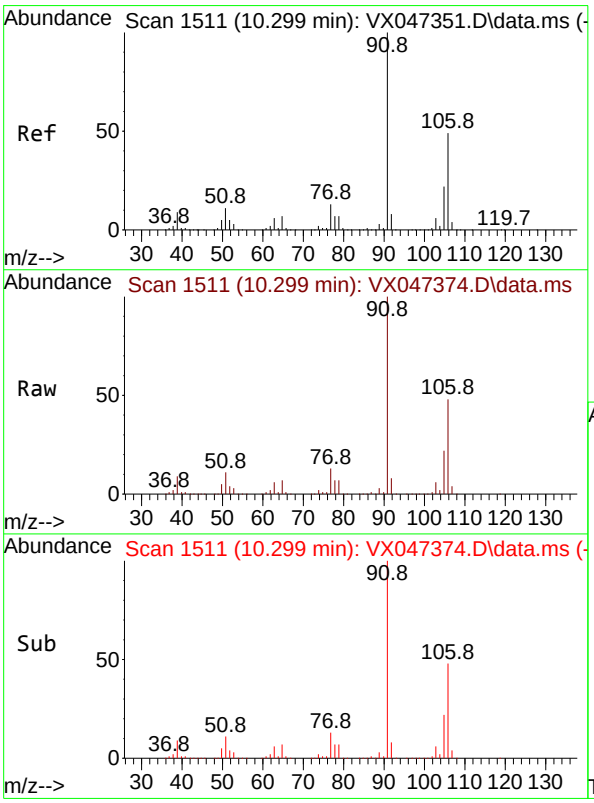
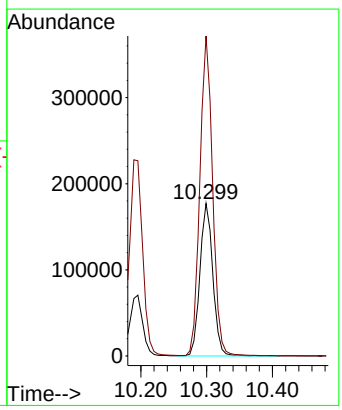


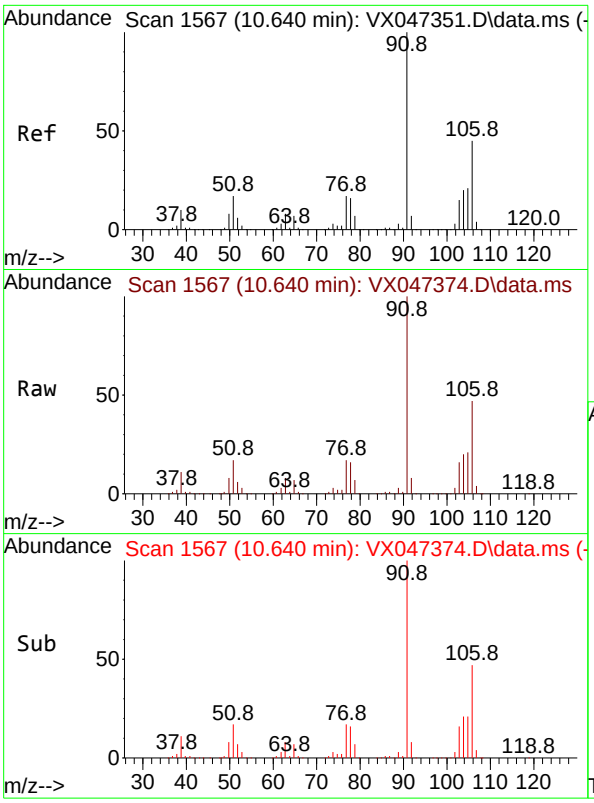


#68
m/p-Xylenes
Concen: 40.673 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion:106 Resp: 241301

Ion	Ratio	Lower	Upper
106	100		
91	206.7	164.7	247.1

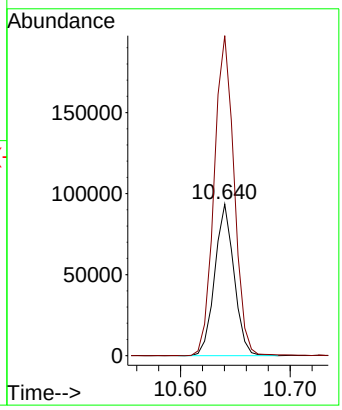




#69
o-Xylene
Concen: 20.042 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion:106 Resp: 11442

Ion	Ratio	Lower	Upper
106	100		
91	219.2	110.6	331.8



Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

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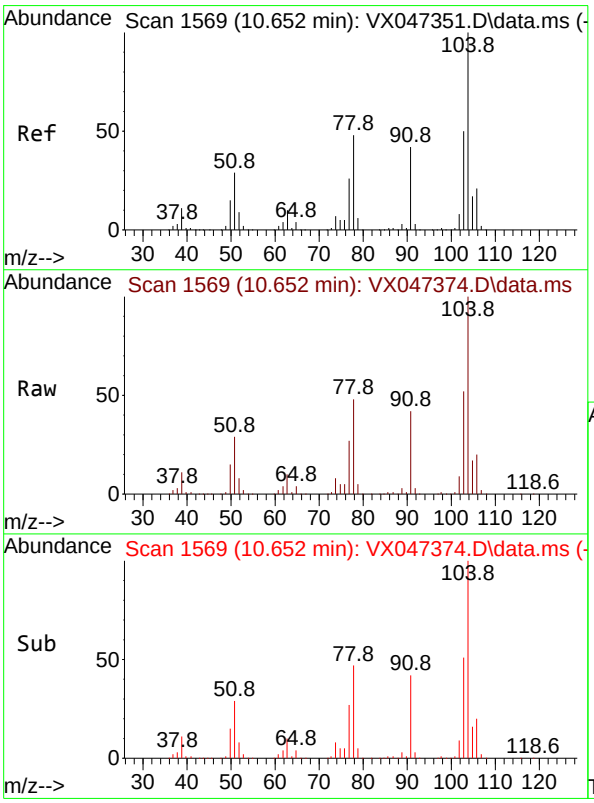
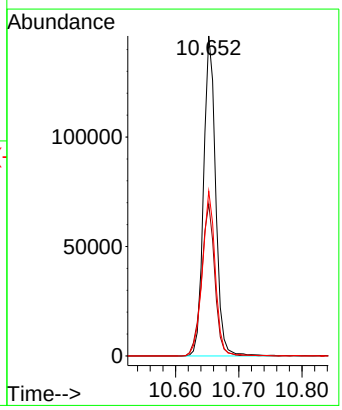
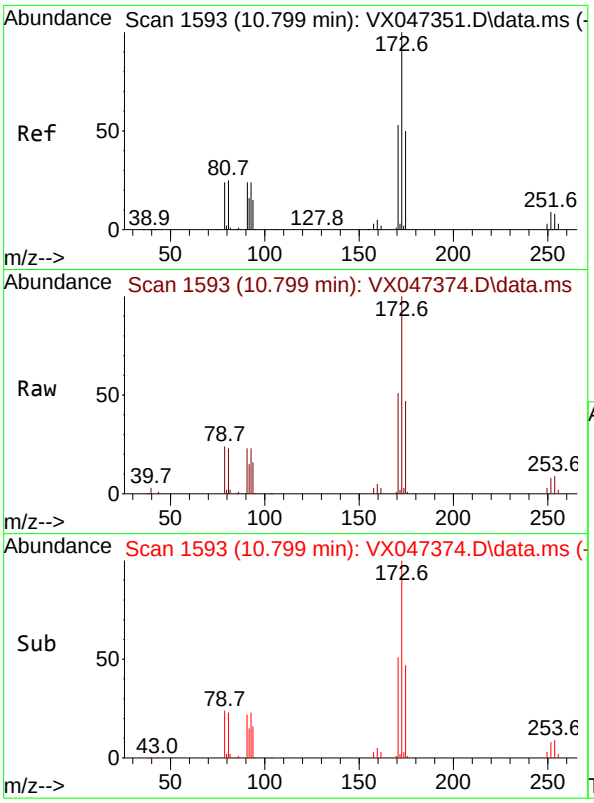


#70
Styrene
Concen: 20.197 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion:104 Resp: 194838

Ion	Ratio	Lower	Upper
104	100		
78	51.9	41.8	62.8
103	55.0	43.6	65.4





#71
Bromoform
Concen: 20.353 ug/l
RT: 10.799 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

Tgt Ion:173 Resp: 4778

Ion	Ratio	Lower	Upper
173	100		
175	47.5	24.4	73.4
254	0.0	0.1	0.1

Manual Integrations
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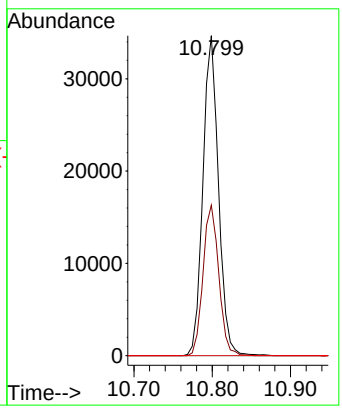
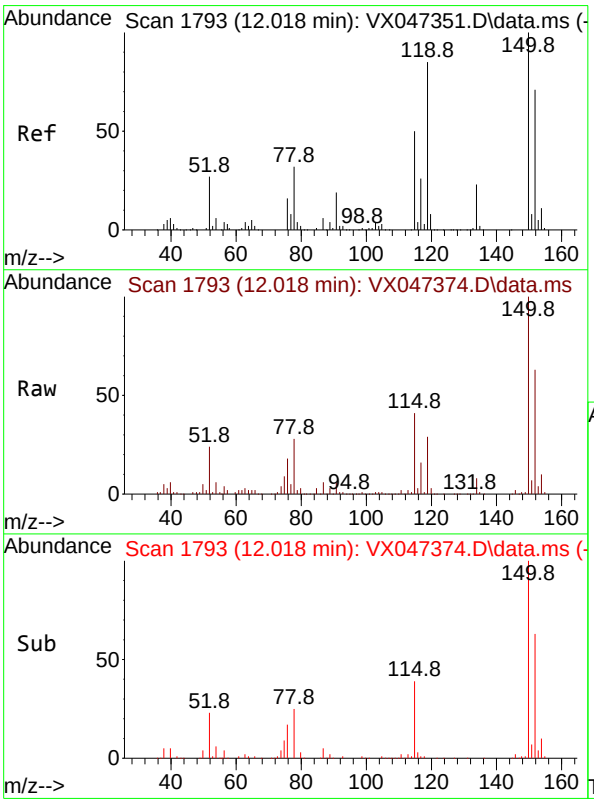
Supervised By :Mahesh Dadoda 08/20/2025

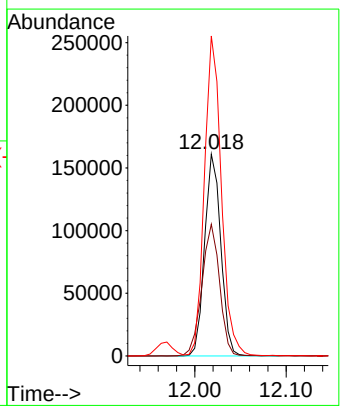


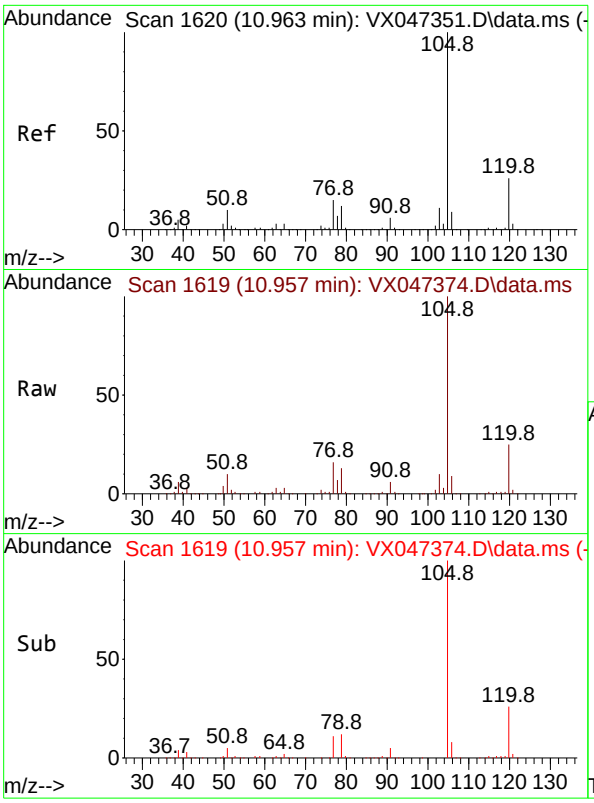


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion:152 Resp: 197596

Ion	Ratio	Lower	Upper
152	100		
115	71.6	44.6	133.8
150	165.3	0.0	349.8





#73
Isopropylbenzene
Concen: 19.762 ug/l
RT: 10.957 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion:105 Resp: 30558

Ion	Ratio	Lower	Upper
105	100		
120	25.8	12.9	38.6

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

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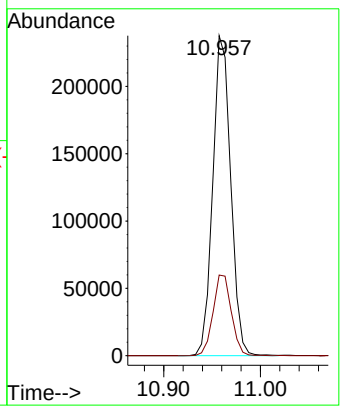
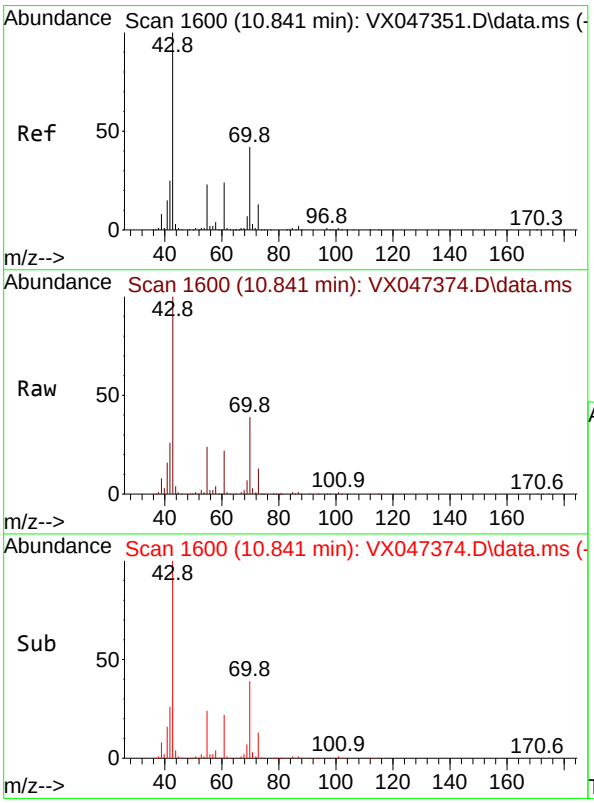
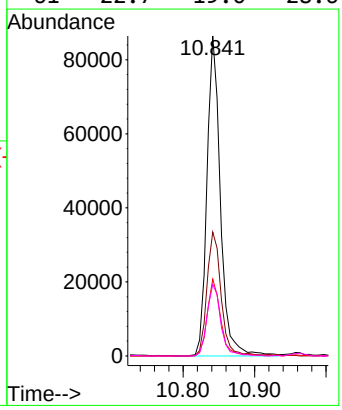


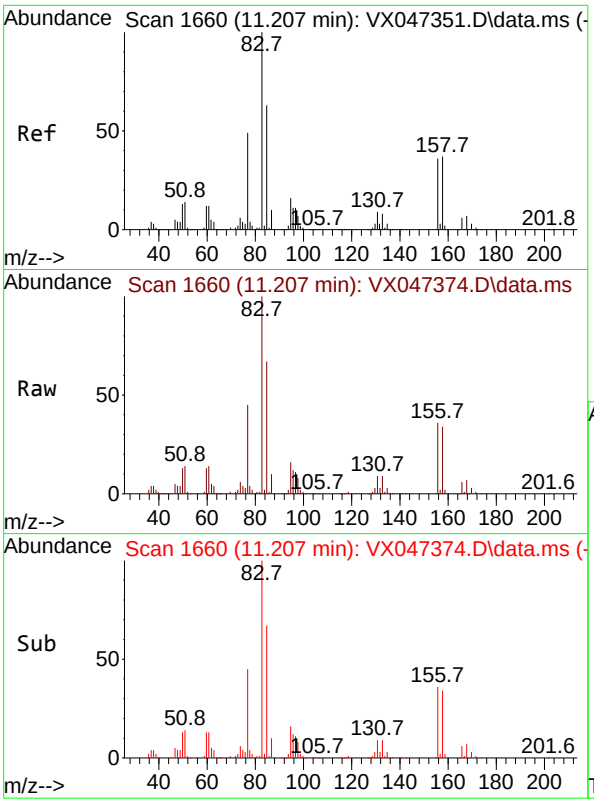


#74
N-amyl acetate
Concen: 19.269 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 43 Resp: 113146

Ion	Ratio	Lower	Upper
43	100		
70	40.6	33.1	49.7
55	24.0	19.0	28.6
61	22.7	19.0	28.6

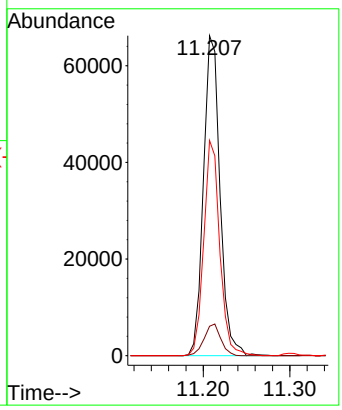




#75
1,1,2,2-Tetrachloroethane
Concen: 19.357 ug/l
RT: 11.207 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 83 Resp: 8788

Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.0	15.0
85	64.9	31.7	95.1



Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

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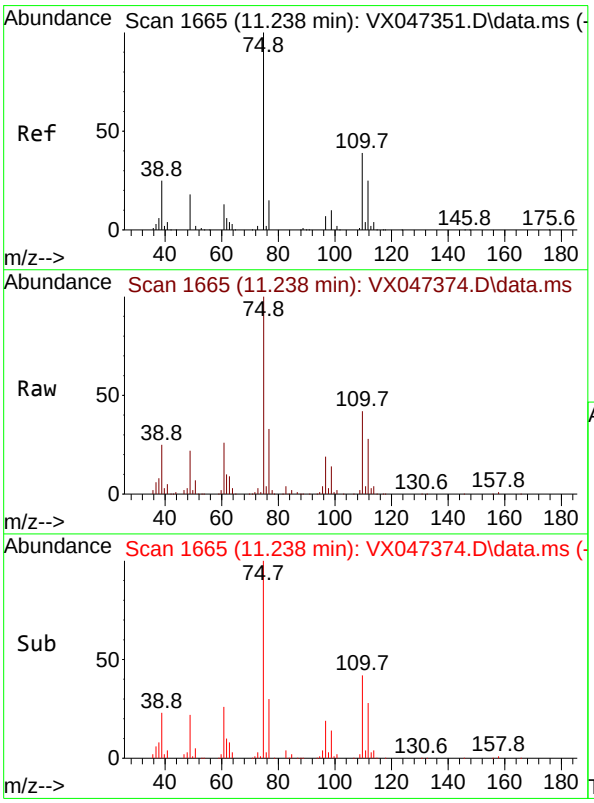
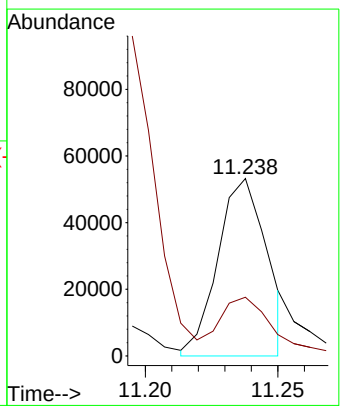
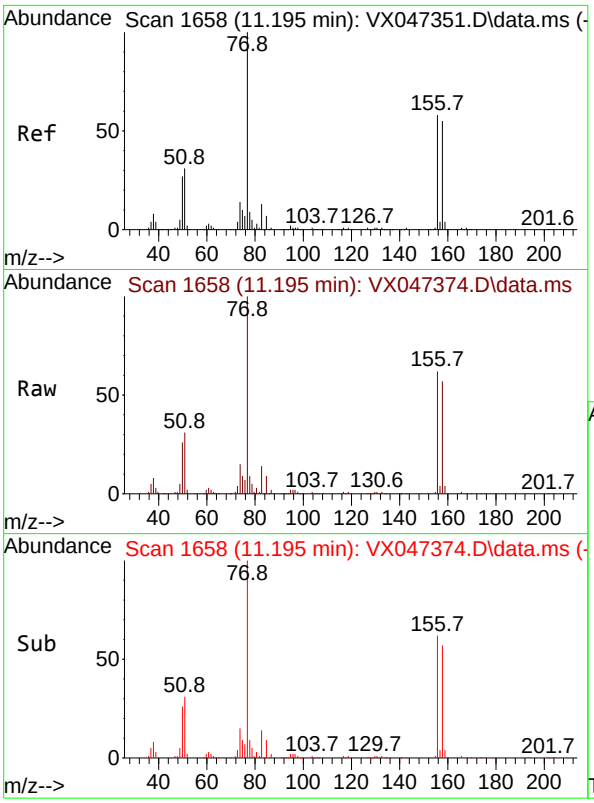


#76
1,2,3-Trichloropropane
Concen: 18.855 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 75 Resp: 68334

Ion	Ratio	Lower	Upper
75	100		
77	37.3	19.4	58.2

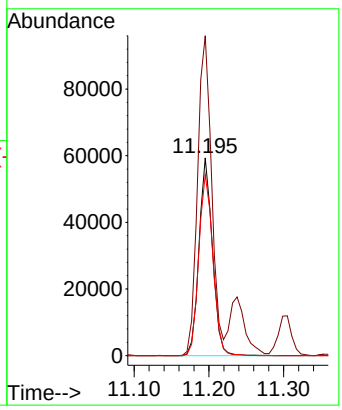




#77
Bromobenzene
Concen: 19.702 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion:156 Resp: 7439

Ion	Ratio	Lower	Upper
156	100		
77	168.5	86.3	258.9
158	95.5	48.0	144.2



Instrument :
MSVOA_X
ClientSampleId :
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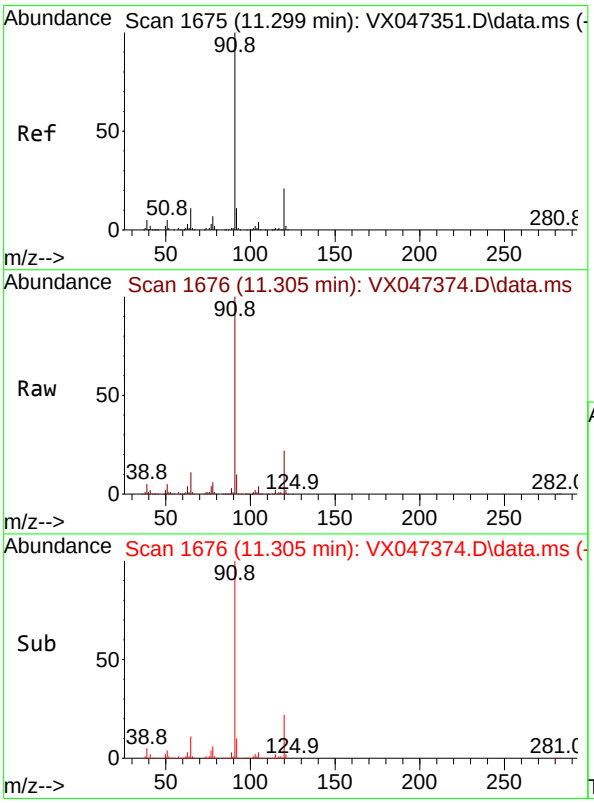
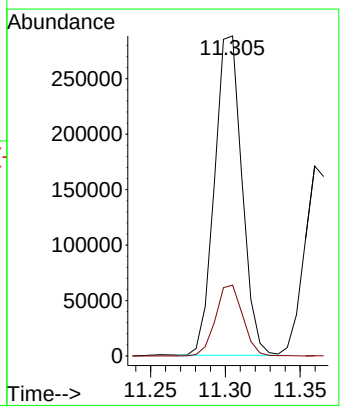
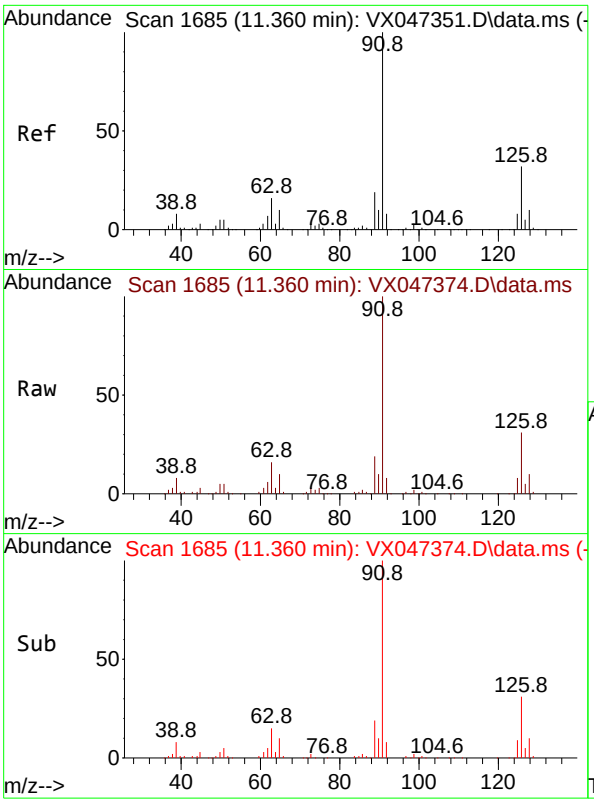


#78
n-propylbenzene
Concen: 19.888 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 91 Resp: 367285

Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.0	33.0





#79
2-Chlorotoluene
Concen: 19.548 ug/l
RT: 11.360 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 91 Resp: 21823

Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.7	50.1

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

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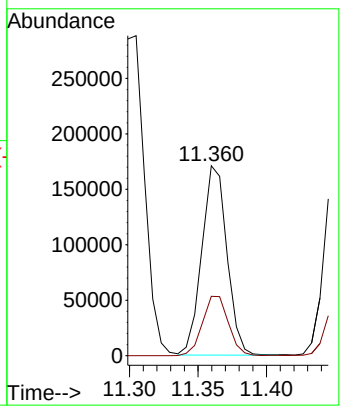
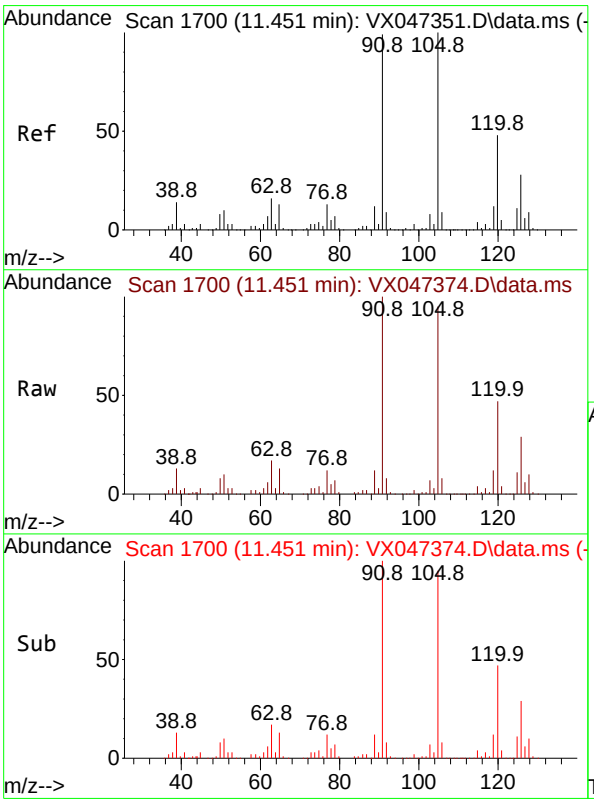
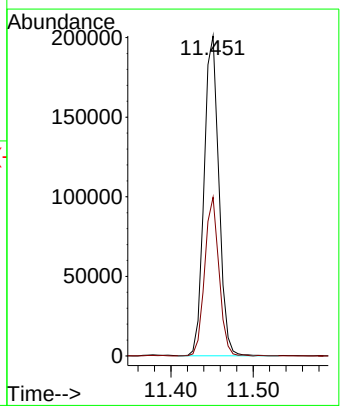


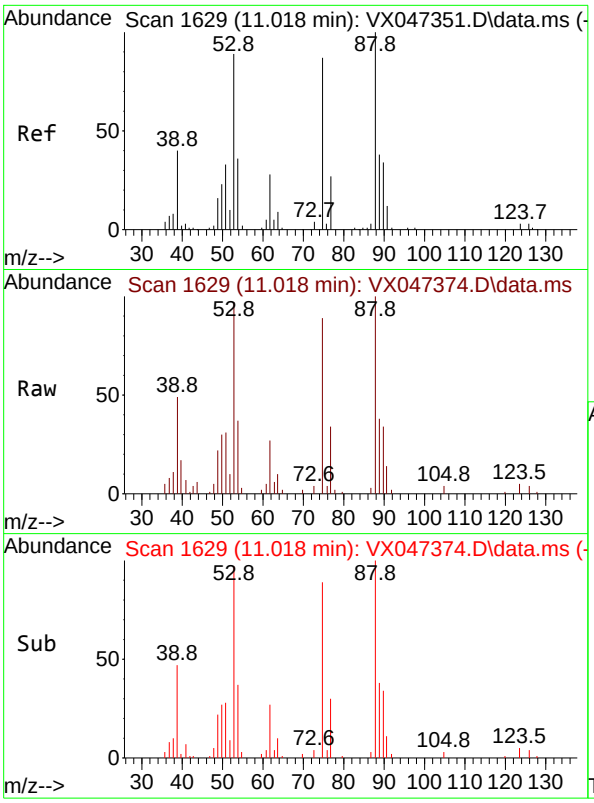


#80
1,3,5-Trimethylbenzene
Concen: 19.707 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion:105 Resp: 250724

Ion	Ratio	Lower	Upper
105	100		
120	48.1	23.9	71.7

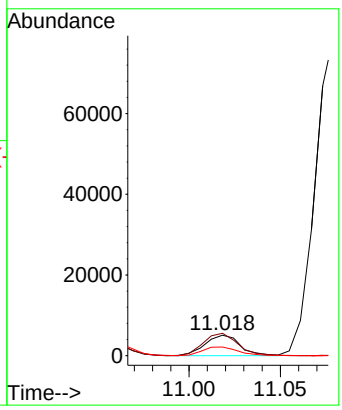




#81
trans-1,4-Dichloro-2-butene
Concen: 14.737 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 75 Resp: 679

Ion	Ratio	Lower	Upper
75	100		
53	107.7	85.2	127.8
89	44.1	36.7	55.1



Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

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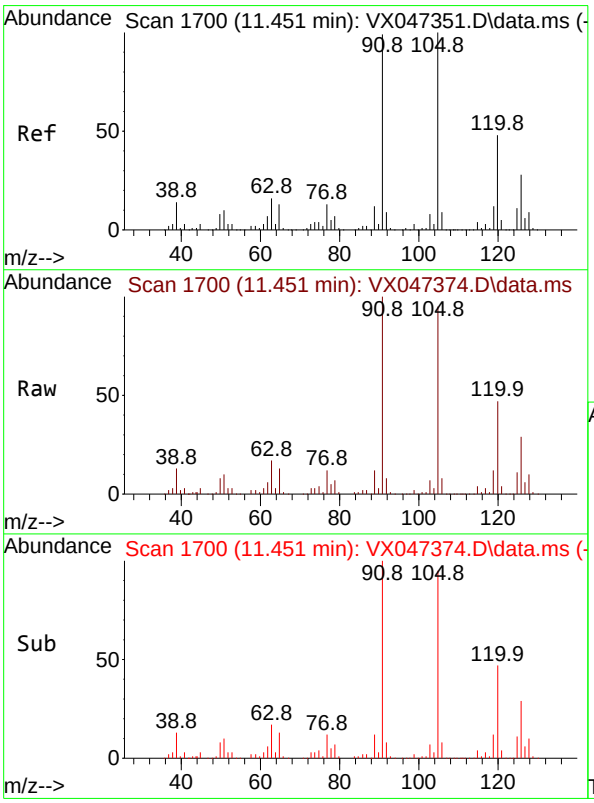
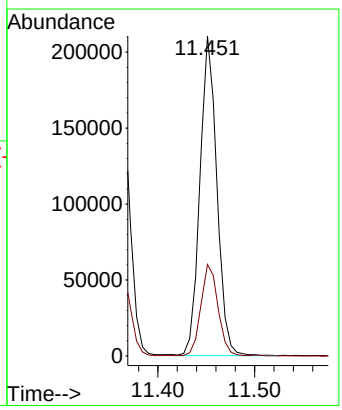
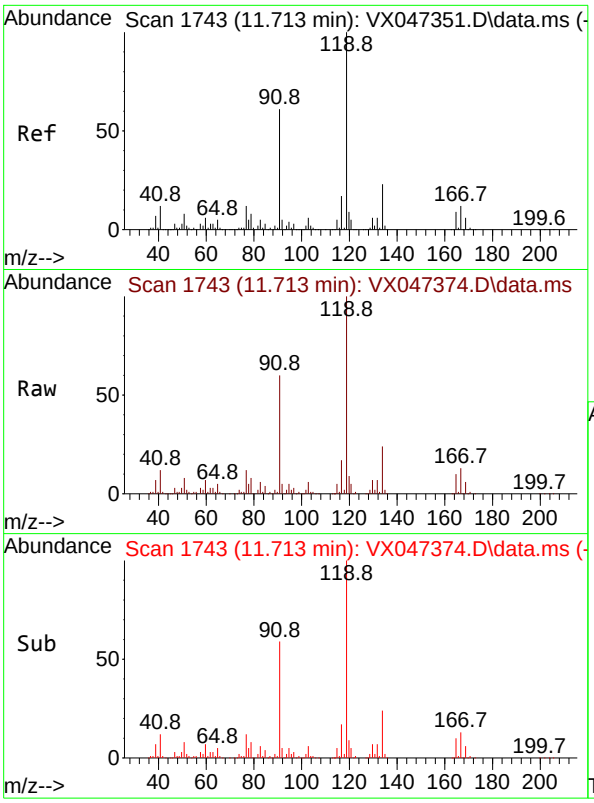


#82
4-Chlorotoluene
Concen: 19.496 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 91 Resp: 256557

Ion	Ratio	Lower	Upper
91	100		
126	28.8	14.4	43.0

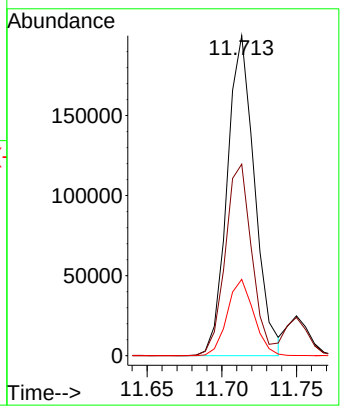




#83
tert-Butylbenzene
Concen: 20.048 ug/l
RT: 11.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion:119 Resp: 25446

Ion	Ratio	Lower	Upper
119	100		
91	57.9	29.1	87.4
134	23.1	11.3	33.9



Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

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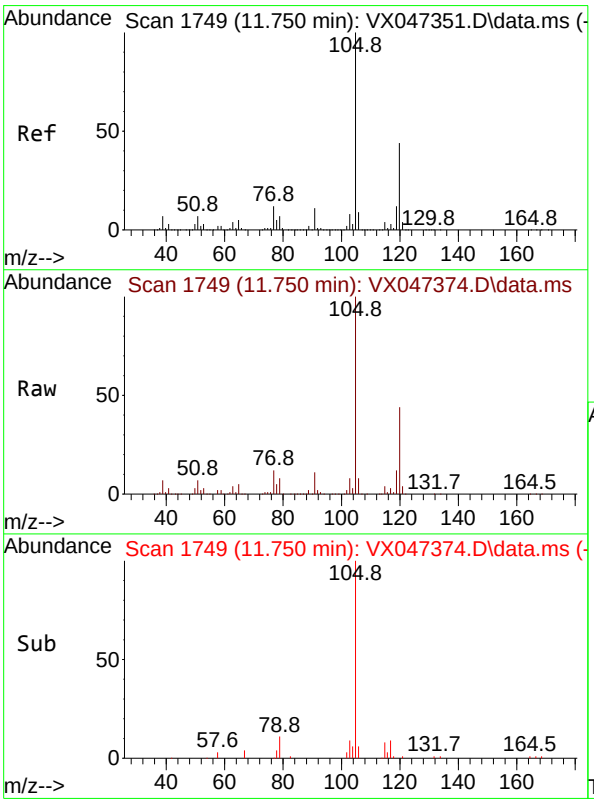
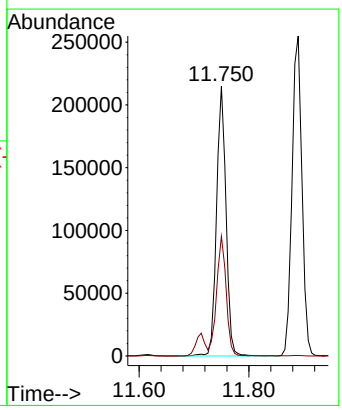
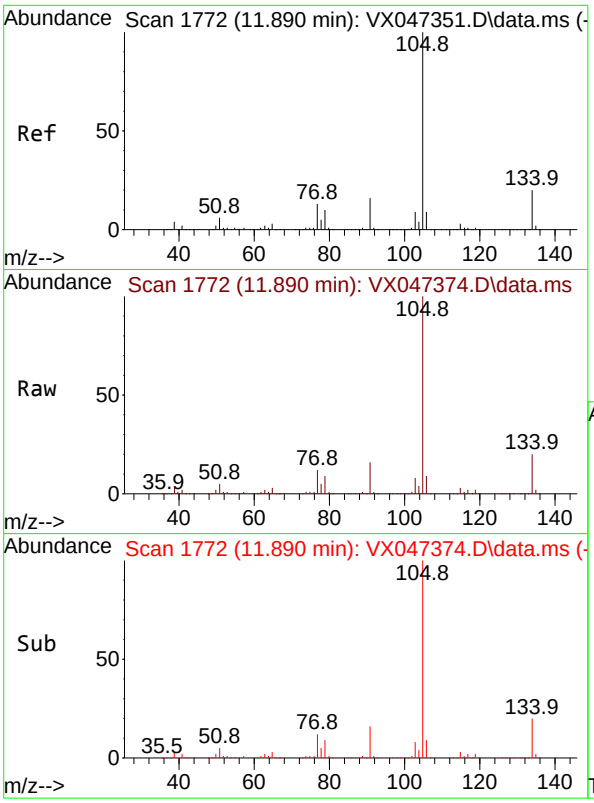


#84
1,2,4-Trimethylbenzene
Concen: 20.190 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion:105 Resp: 256880

Ion	Ratio	Lower	Upper
105	100		
120	44.8	21.9	65.7

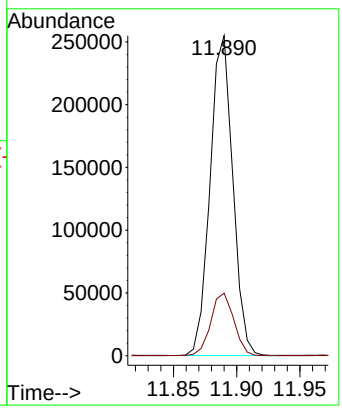




#85
sec-Butylbenzene
Concen: 20.203 ug/l
RT: 11.890 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion:105 Resp: 31785

Ion	Ratio	Lower	Upper
105	100		
134	19.9	9.8	29.5



Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

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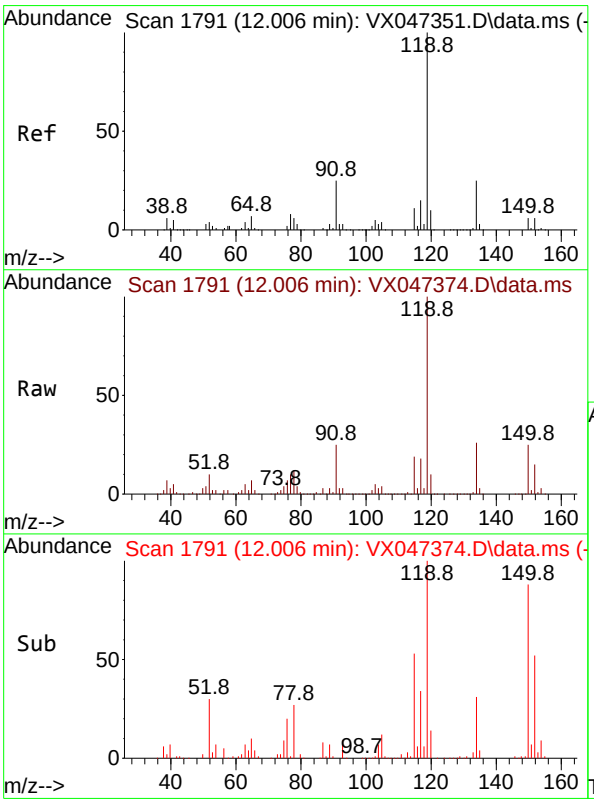
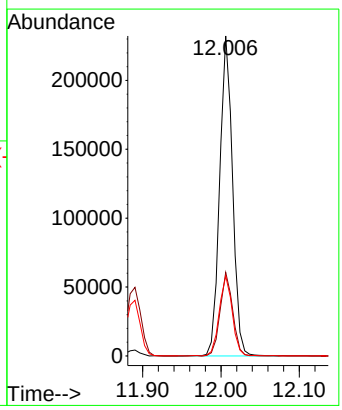
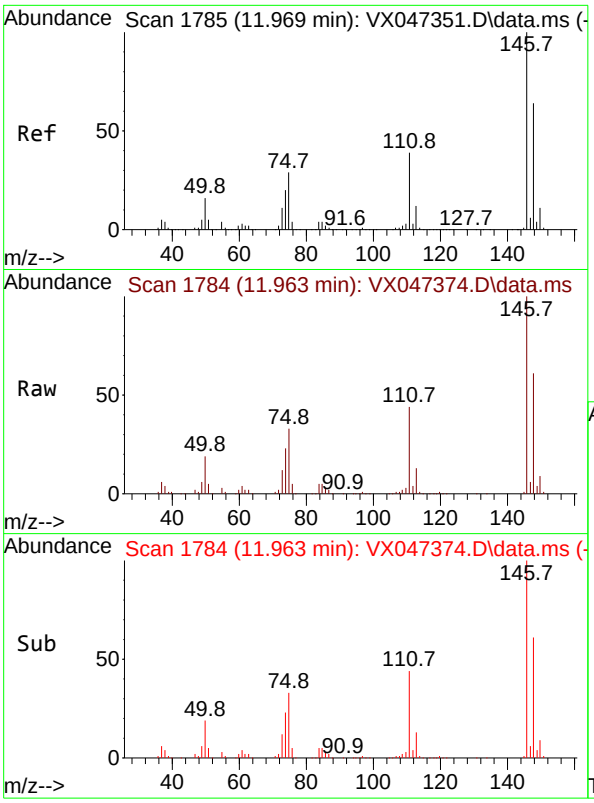


#86
p-Isopropyltoluene
Concen: 19.987 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion:119 Resp: 266082

Ion	Ratio	Lower	Upper
119	100		
134	25.6	12.8	38.4
91	25.4	12.4	37.4

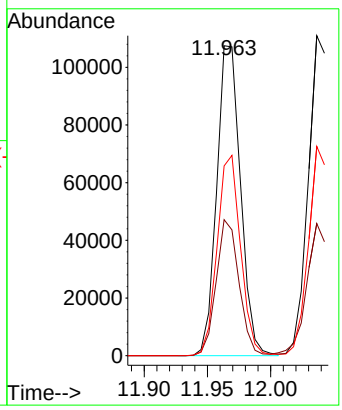




#87
1,3-Dichlorobenzene
Concen: 19.511 ug/l
RT: 11.963 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion:146 Resp: 14074

Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.6	61.8
148	63.4	31.9	95.5



Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

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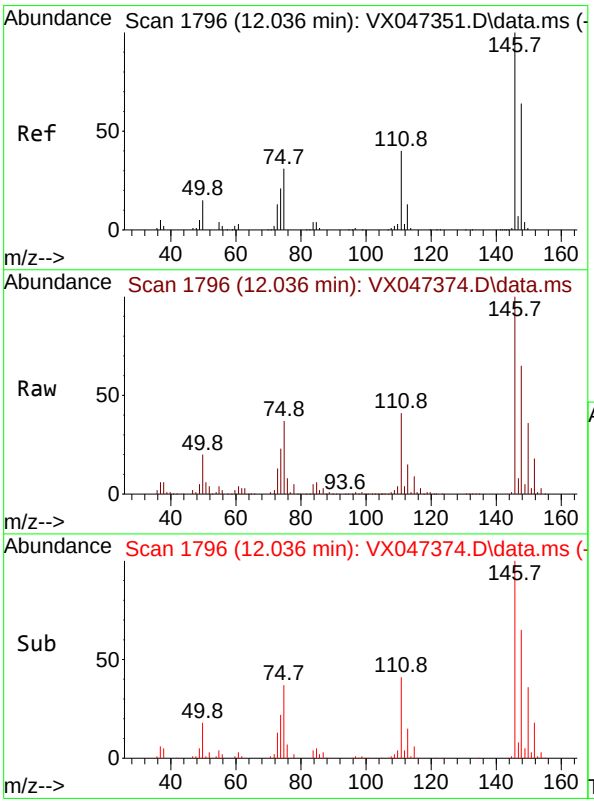
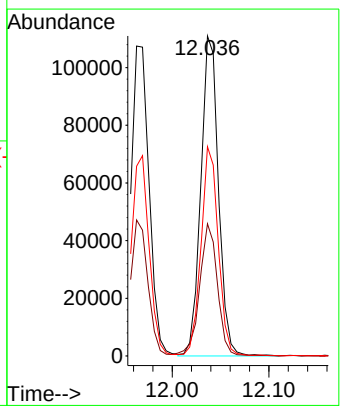
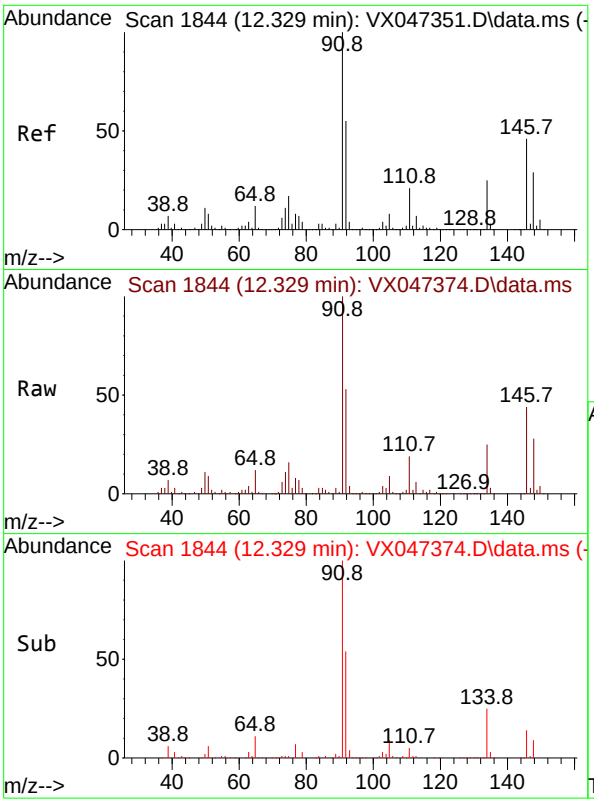


#88
1,4-Dichlorobenzene
Concen: 19.010 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion:146 Resp: 141033

Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.4	61.2
148	63.5	31.7	95.1





#89
n-Butylbenzene
Concen: 19.856 ug/l
RT: 12.329 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 91 Resp: 24586

Ion	Ratio	Lower	Upper
91	100		
92	53.2	27.2	81.5
134	25.7	12.6	37.8

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

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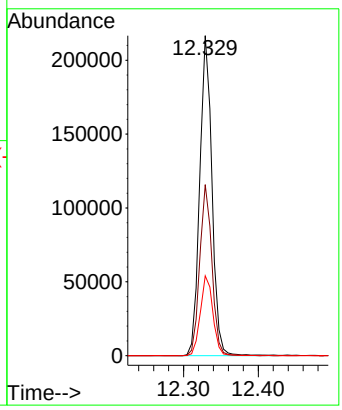
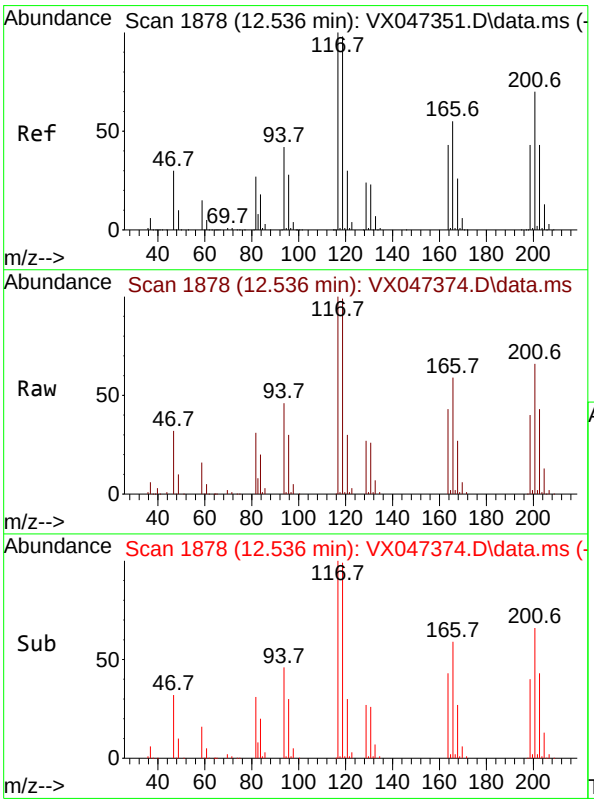
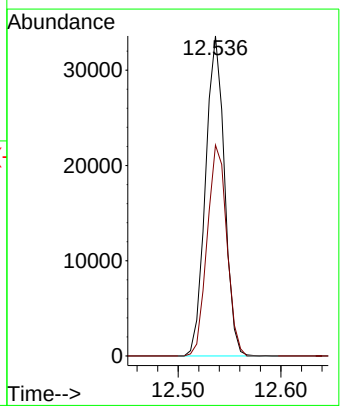


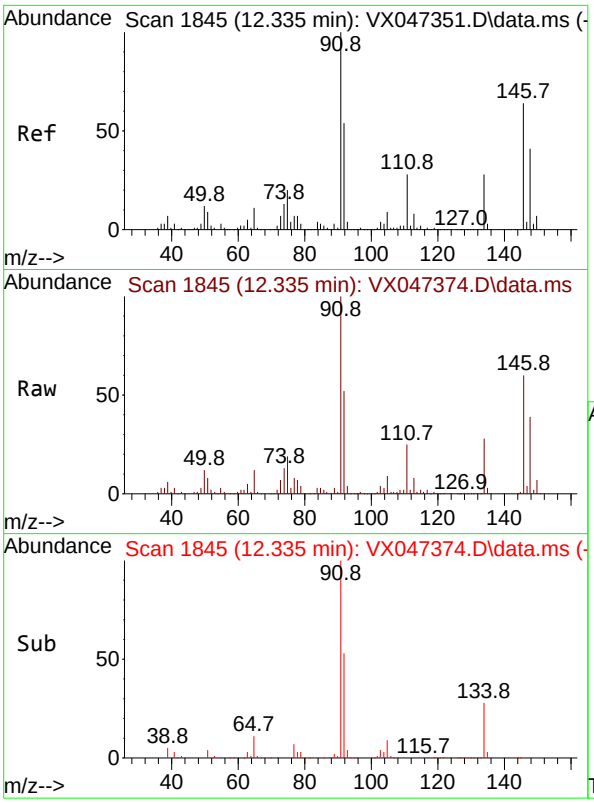


#90
Hexachloroethane
Concen: 18.488 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion:117 Resp: 43179

Ion	Ratio	Lower	Upper
117	100		
201	68.1	35.1	105.3

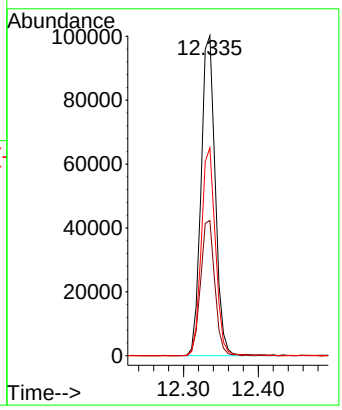




#91
1,2-Dichlorobenzene
Concen: 19.282 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion:146 Resp: 13201

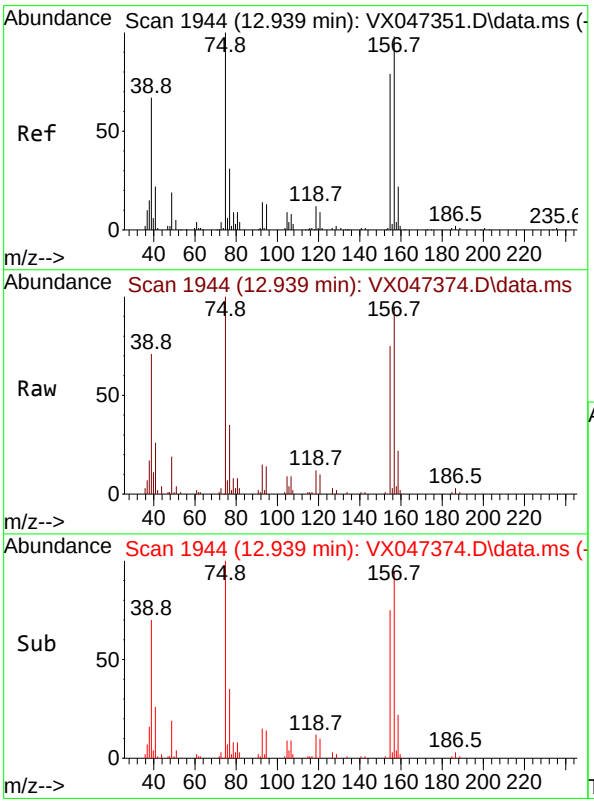
Ion	Ratio	Lower	Upper
146	100		
111	42.4	22.1	66.1
148	64.9	31.9	95.5



Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

Manual Integrations
APPROVED

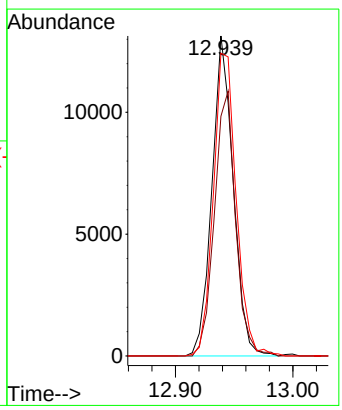
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025

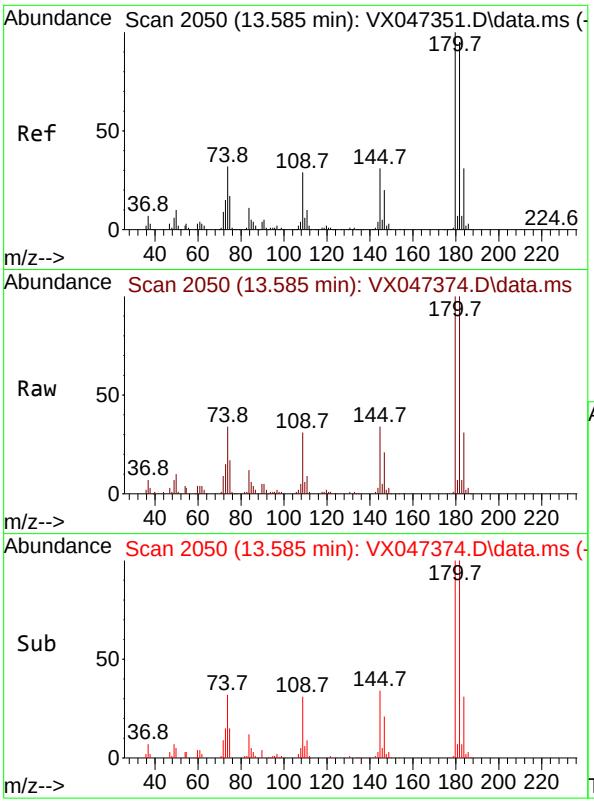


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.808 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 75 Resp: 16513

Ion	Ratio	Lower	Upper
75	100		
155	82.7	41.3	123.7
157	101.8	51.5	154.5

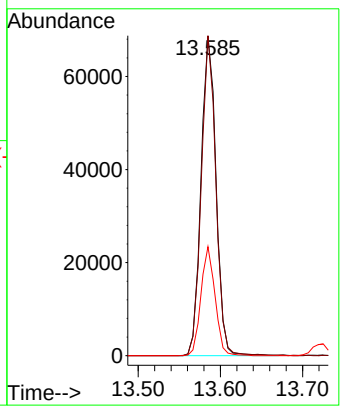




#93
1,2,4-Trichlorobenzene
Concen: 18.974 ug/l
RT: 13.585 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion:180 Resp: 8708

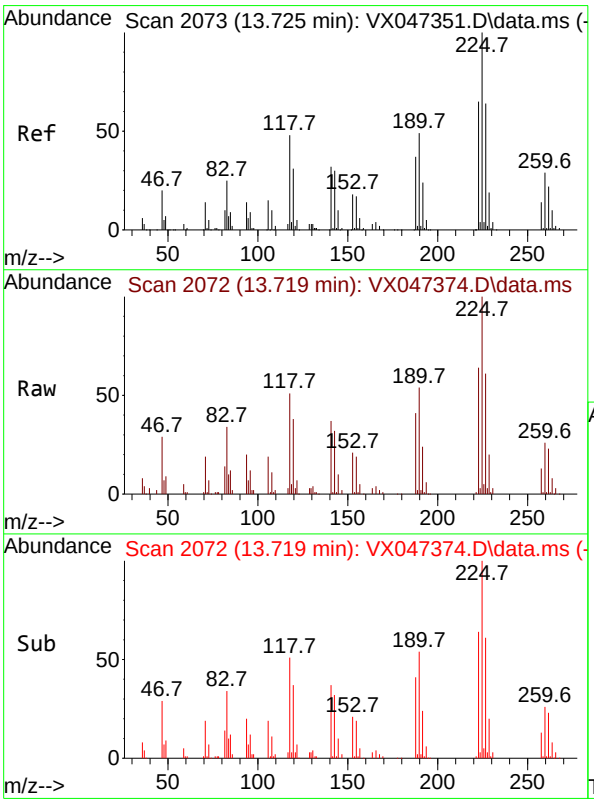
Ion	Ratio	Lower	Upper
180	100		
182	97.0	48.1	144.4
145	32.0	16.2	48.5



Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

Manual Integrations
APPROVED

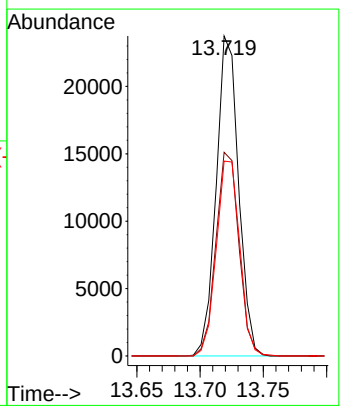
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025

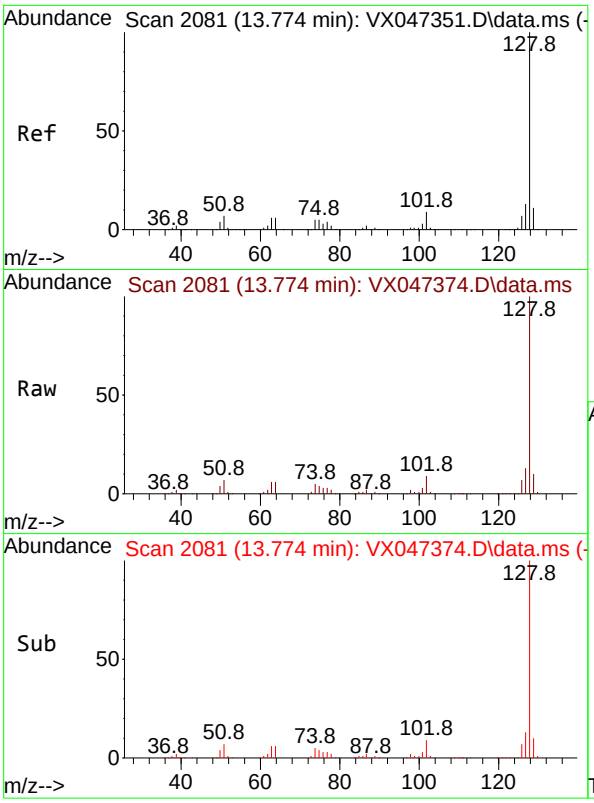


#94
Hexachlorobutadiene
Concen: 17.856 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion:225 Resp: 29173

Ion	Ratio	Lower	Upper
225	100		
223	65.1	32.2	96.6
227	63.8	31.6	95.0

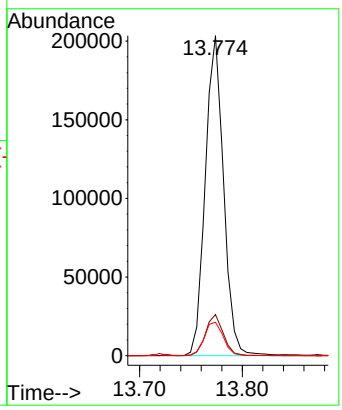




#95
Naphthalene
Concen: 19.219 ug/l
RT: 13.774 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion:128 Resp: 25209

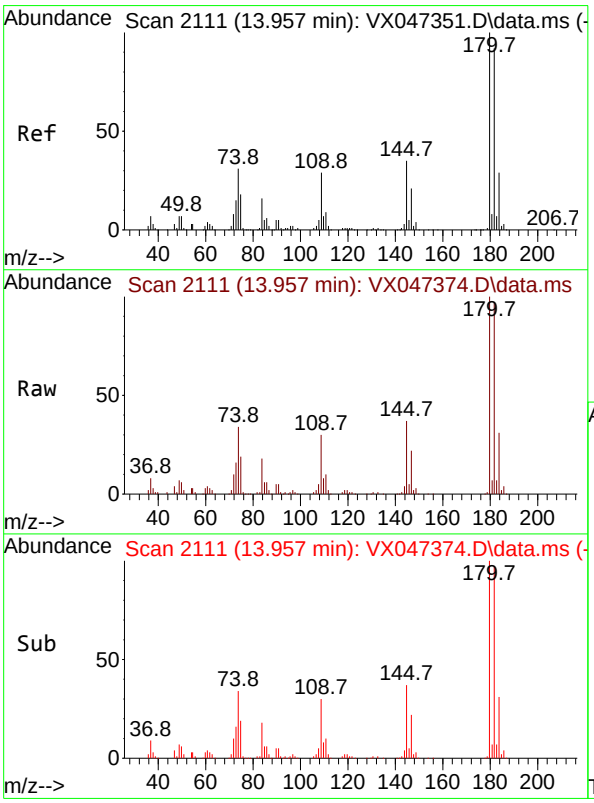
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.1	15.1
129	11.0	8.7	13.1



Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

Manual Integrations
APPROVED

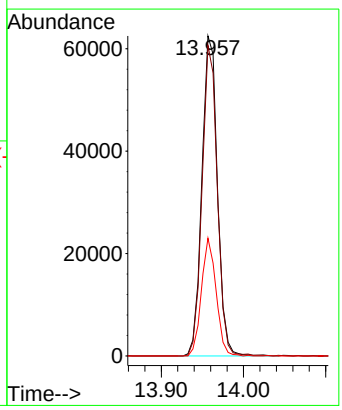
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025



#96
1,2,3-Trichlorobenzene
Concen: 18.987 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion:180 Resp: 82149

Ion	Ratio	Lower	Upper
180	100		
182	94.7	48.0	144.2
145	34.7	17.4	52.2



Raw Data: **VX047361.D**

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VX0815WBSD01	SDG No.:	Q2886
Lab Sample ID:	VX0815WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047361.D	1	08/15/25 14:49	VX081525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	17.1		0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	16.2		0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	16.5		0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	19.2		1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	16.3		0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	16.1		0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	17.1		0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	16.3		0.23	0.75	1.00	ug/L
67-64-1	Acetone	91.2		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	16.2		0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	18.0		0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	18.0		0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	17.6		0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	16.7		0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	17.3		0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	16.6		1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	92.2		0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	16.5		0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	16.9		0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	21.4		0.22	0.50	1.00	ug/L
67-66-3	Chloroform	17.8		0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	17.2		0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	16.7		0.16	0.50	1.00	ug/L
71-43-2	Benzene	17.3		0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	17.8		0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	16.6		0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	17.0		0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	17.6		0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	93.8		0.68	2.50	5.00	ug/L
108-88-3	Toluene	17.6		0.14	0.50	1.00	ug/L

Raw Data: **VX047361.D**

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VX0815WBSD01	SDG No.:	Q2886
Lab Sample ID:	VX0815WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047361.D	1	08/15/25 14:49	VX081525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	17.8		0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	17.7		0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	18.2		0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	94.0		0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	17.4		0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	17.8		0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	16.9		0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	17.1		0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	17.0		0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	34.5		0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	17.2		0.12	0.50	1.00	ug/L
100-42-5	Styrene	17.6		0.15	0.50	1.00	ug/L
75-25-2	Bromoform	17.6		0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	16.8		0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	18.1		0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	17.1		0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	17.1		0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	17.4		0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	17.5		0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	17.2		0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	17.2		0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	52.3		81 - 118		105%	SPK: 50
1868-53-7	Dibromofluoromethane	50.4		80 - 119		101%	SPK: 50
2037-26-5	Toluene-d8	50.3		89 - 112		101%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.3		85 - 114		107%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	233000	5.562				
540-36-3	1,4-Difluorobenzene	402000	6.763				
3114-55-4	Chlorobenzene-d5	367000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	185000	12.018				

Raw Data: **VX047361.D**

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VX0815WBSD01	SDG No.:	Q2886
Lab Sample ID:	VX0815WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047361.D	1	08/15/25 14:49	VX081525

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\VX081525\
Data File : VX047361.D
Acq On : 15 Aug 2025 14:49
Operator : JC/MD
Sample : VX0815WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 18 04:33:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	232894	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	402024	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	366622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	184649	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	170346	52.263	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.520%			
35) Dibromofluoromethane	5.391	113	131425	50.370	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.740%			
50) Toluene-d8	8.647	98	469487	50.342	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.680%			
62) 4-Bromofluorobenzene	11.079	95	183400	53.292	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.580%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	50888	17.141	ug/l	97
3) Chloromethane	1.313	50	43382	16.243	ug/l	97
4) Vinyl Chloride	1.392	62	55322	16.503	ug/l	98
5) Bromomethane	1.630	94	26040	19.232	ug/l	93
6) Chloroethane	1.709	64	33342	16.256	ug/l	95
7) Trichlorofluoromethane	1.904	101	79701	16.074	ug/l	95
8) Diethyl Ether	2.148	74	30785	17.632	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.349	101	49283	17.134	ug/l	99
10) Methyl Iodide	2.471	142	71790	14.564	ug/l	95
11) Tert butyl alcohol	2.959	59	25808	91.017	ug/l	99
12) 1,1-Dichloroethene	2.337	96	47841	16.315	ug/l	97
13) Acrolein	2.252	56	50572	84.489	ug/l	97
14) Allyl chloride	2.678	41	84146	16.522	ug/l	99
15) Acrylonitrile	3.081	53	126939	92.645	ug/l	96
16) Acetone	2.392	43	111694	91.167	ug/l	97
17) Carbon Disulfide	2.526	76	143749	16.245	ug/l	98
18) Methyl Acetate	2.715	43	57010	17.957	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	160149	17.953	ug/l	98
20) Methylene Chloride	2.800	84	57211	17.635	ug/l	93
21) trans-1,2-Dichloroethene	3.105	96	52038	16.720	ug/l	97
22) Diisopropyl ether	3.770	45	182635	18.141	ug/l	93
23) Vinyl Acetate	3.733	43	752562	91.201	ug/l	100
24) 1,1-Dichloroethane	3.617	63	98191	17.256	ug/l	100
25) 2-Butanone	4.568	43	148012	92.245	ug/l	99
26) 2,2-Dichloropropane	4.489	77	73104	17.021	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	61348	16.924	ug/l	99
28) Bromochloromethane	4.910	49	50696	21.410	ug/l	100
29) Tetrahydrofuran	5.025	42	91375	88.107	ug/l	99
30) Chloroform	5.105	83	103480	17.819	ug/l	98
31) Cyclohexane	5.483	56	86855	16.558	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	85964	17.198	ug/l	98
36) 1,1-Dichloropropene	5.702	75	67131	16.299	ug/l	99
37) Ethyl Acetate	4.721	43	70470	16.481	ug/l	99
38) Carbon Tetrachloride	5.690	117	74361	16.521	ug/l	95
39) Methylcyclohexane	7.385	83	85698	16.681	ug/l	96
40) Benzene	6.050	78	213392	17.309	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047361.D
Acq On : 15 Aug 2025 14:49
Operator : JC/MD
Sample : VX0815WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 18 04:33:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.934	41	32317	17.923	ug/l		96
42) 1,2-Dichloroethane	6.092	62	77618	17.775	ug/l		99
43) Isopropyl Acetate	6.348	43	110904	18.054	ug/l		99
44) Trichloroethene	7.129	130	52402	16.600	ug/l		99
45) 1,2-Dichloropropane	7.434	63	52644	17.045	ug/l		98
46) Dibromomethane	7.580	93	40549	18.084	ug/l		97
47) Bromodichloromethane	7.824	83	81703	17.577	ug/l		94
48) Methyl methacrylate	7.696	41	57122	17.915	ug/l		98
49) 1,4-Dioxane	7.683	88	10283	331.751	ug/l		96
51) 4-Methyl-2-Pentanone	8.574	43	331605	93.809	ug/l		98
52) Toluene	8.720	92	133864	17.572	ug/l		99
53) t-1,3-Dichloropropene	8.982	75	72094	17.771	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	81302	17.705	ug/l		98
55) 1,1,2-Trichloroethane	9.153	97	52500	18.151	ug/l		99
56) Ethyl methacrylate	9.116	69	74839	17.550	ug/l		97
57) 1,3-Dichloropropane	9.305	76	90084	18.278	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.244	63	170482	89.279	ug/l		99
59) 2-Hexanone	9.433	43	229960	94.047	ug/l		98
60) Dibromochloromethane	9.518	129	59757	17.385	ug/l		100
61) 1,2-Dibromoethane	9.610	107	53226	17.846	ug/l		98
64) Tetrachloroethene	9.275	164	44808	16.897	ug/l		98
65) Chlorobenzene	10.079	112	149103	17.114	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	50188	17.041	ug/l		99
67) Ethyl Benzene	10.195	91	254295	16.958	ug/l		100
68) m/p-Xylenes	10.299	106	193092	34.534	ug/l		98
69) o-Xylene	10.640	106	92460	17.183	ug/l		99
70) Styrene	10.652	104	159574	17.552	ug/l		99
71) Bromoform	10.799	173	38932	17.596	ug/l	#	100
73) Isopropylbenzene	10.963	105	243208	16.831	ug/l		99
74) N-amyl acetate	10.841	43	96485	17.584	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	76661	18.070	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	63537m	18.761	ug/l		
77) Bromobenzene	11.195	156	61015	17.292	ug/l		99
78) n-propylbenzene	11.299	91	294205	17.048	ug/l		99
79) 2-Chlorotoluene	11.360	91	178579	17.118	ug/l		98
80) 1,3,5-Trimethylbenzene	11.451	105	207123	17.421	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	8143	16.672	ug/l		87
82) 4-Chlorotoluene	11.451	91	211939	17.234	ug/l		100
83) tert-Butylbenzene	11.713	119	206952	17.448	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	207859	17.483	ug/l		99
85) sec-Butylbenzene	11.890	105	255532	17.381	ug/l		99
86) p-Isopropyltoluene	12.006	119	214649	17.254	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	115154	17.083	ug/l		98
88) 1,4-Dichlorobenzene	12.036	146	118203	17.050	ug/l		99
89) n-Butylbenzene	12.329	91	200086	17.292	ug/l		98
90) Hexachloroethane	12.536	117	35990	16.490	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	111022	17.352	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	14353	17.494	ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	73944	17.239	ug/l		96
94) Hexachlorobutadiene	13.719	225	25418	16.648	ug/l		98
95) Naphthalene	13.774	128	215065	17.545	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	69392	17.163	ug/l		99

Sample Results: **VX047361.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047361.D
Acq On : 15 Aug 2025 14:49
Operator : JC/MD
Sample : VX0815WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 18 04:33:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

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\VX081525\
Data File : VX047361.D
Acq On : 15 Aug 2025 14:49
Operator : JC/MD
Sample : VX0815WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 18 04:33:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
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VX0815WBSD01

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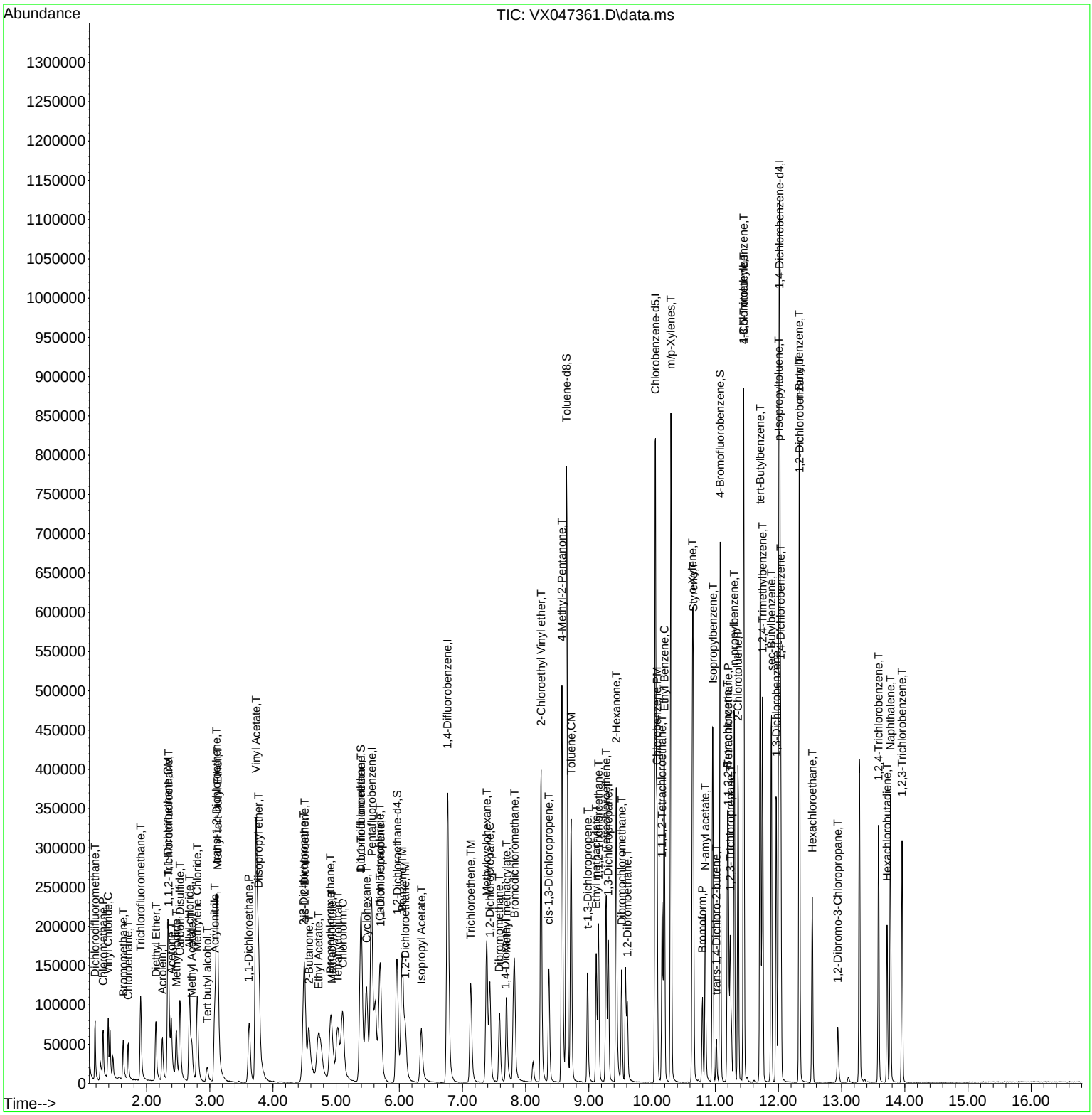
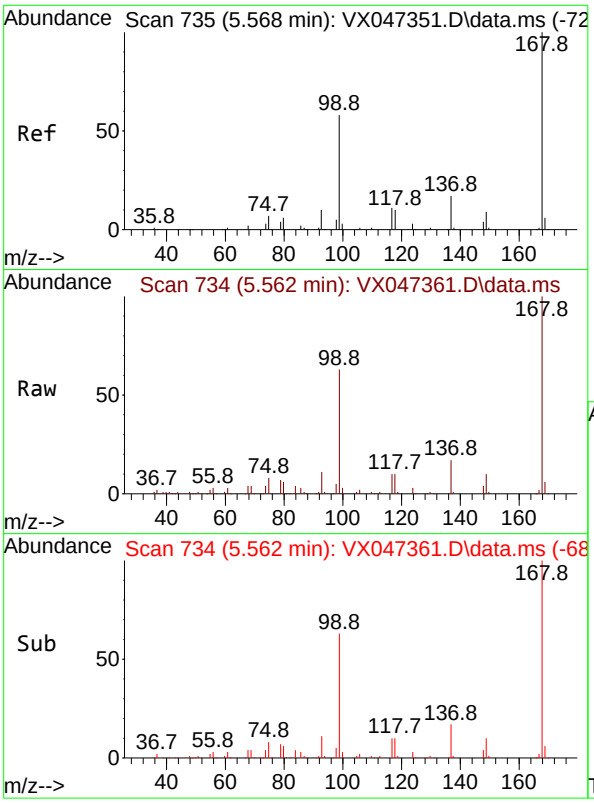
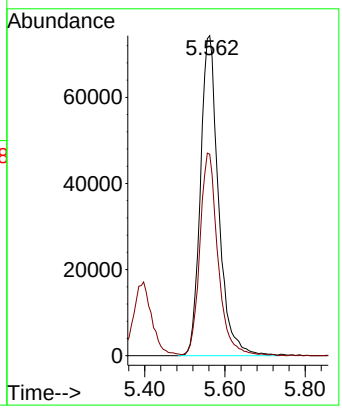




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion:168 Resp: 23289

Ion	Ratio	Lower	Upper
168	100		
99	63.0	47.9	71.9



Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Manual Integrations
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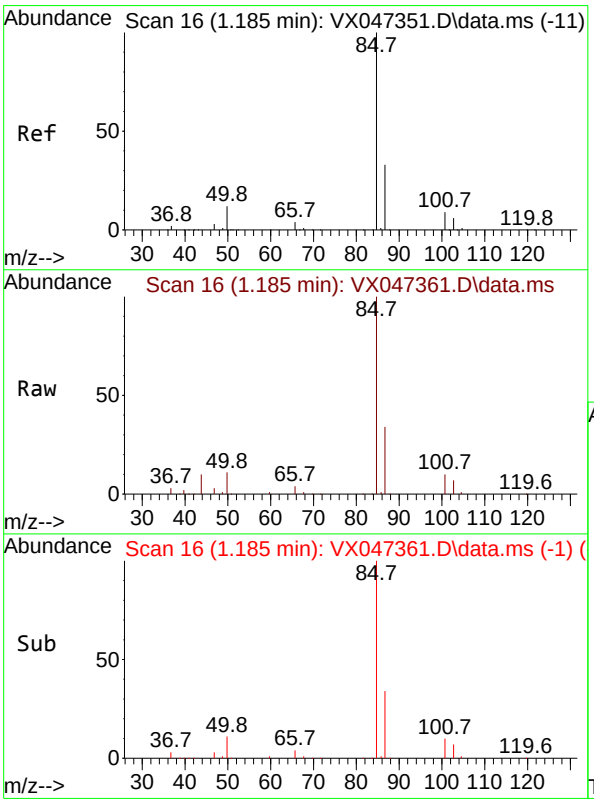
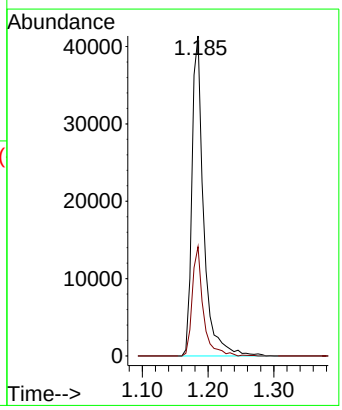
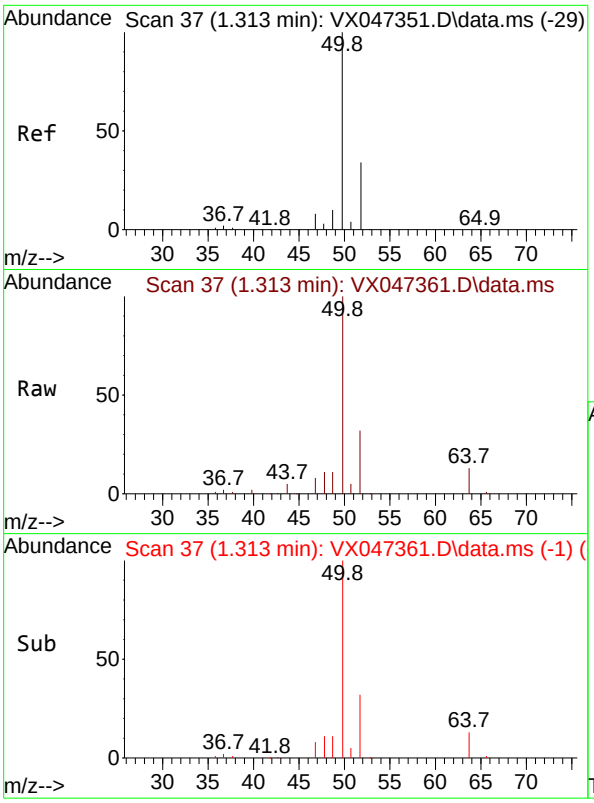


#2
Dichlorodifluoromethane
Concen: 17.141 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 85 Resp: 50888

Ion	Ratio	Lower	Upper
85	100		
87	34.2	16.4	49.1

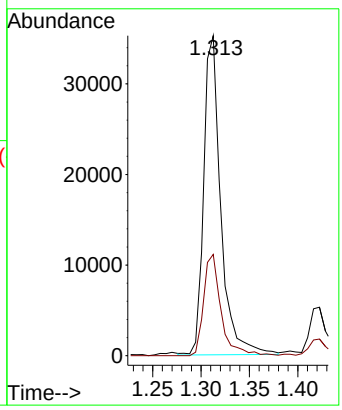




#3
Chloromethane
Concen: 16.243 ug/l
RT: 1.313 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 50 Resp: 4338

Ion	Ratio	Lower	Upper
50	100		
52	31.9	27.0	40.4



Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Manual Integrations
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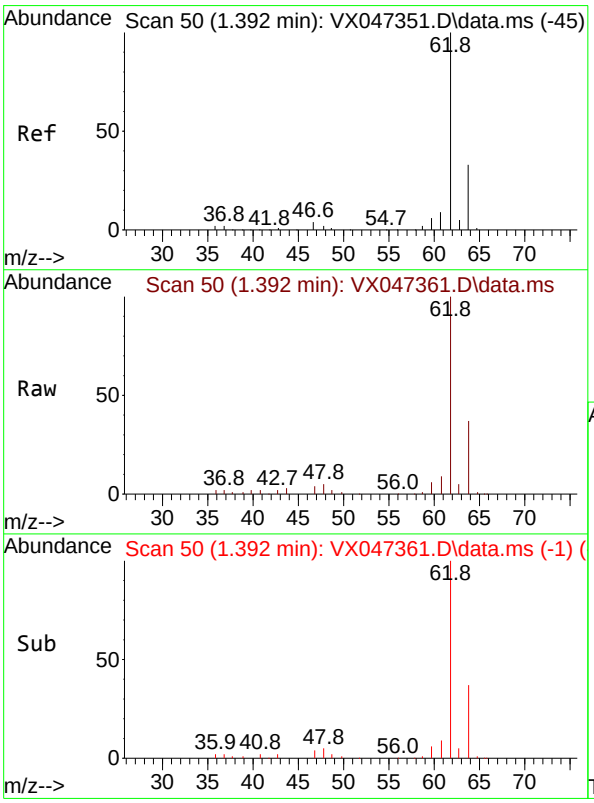
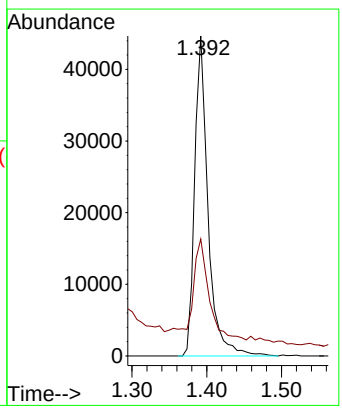
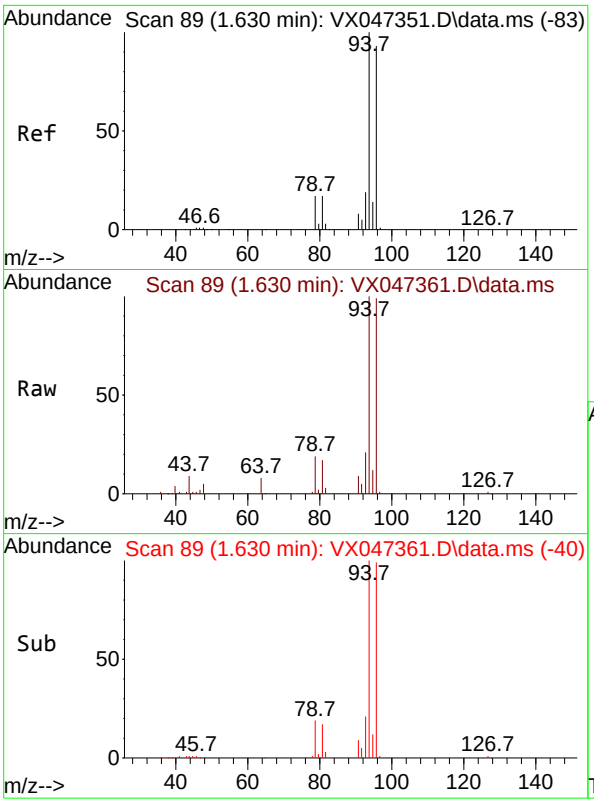


#4
Vinyl Chloride
Concen: 16.503 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 62 Resp: 55322

Ion	Ratio	Lower	Upper
62	100		
64	31.9	26.5	39.7





#5
Bromomethane
Concen: 19.232 ug/l
RT: 1.630 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 94 Resp: 2604

Ion	Ratio	Lower	Upper
94	100		
96	100.2	74.7	112.1

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Manual Integrations
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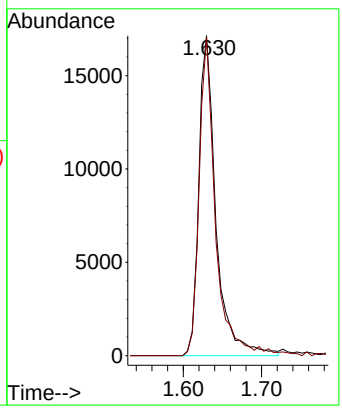
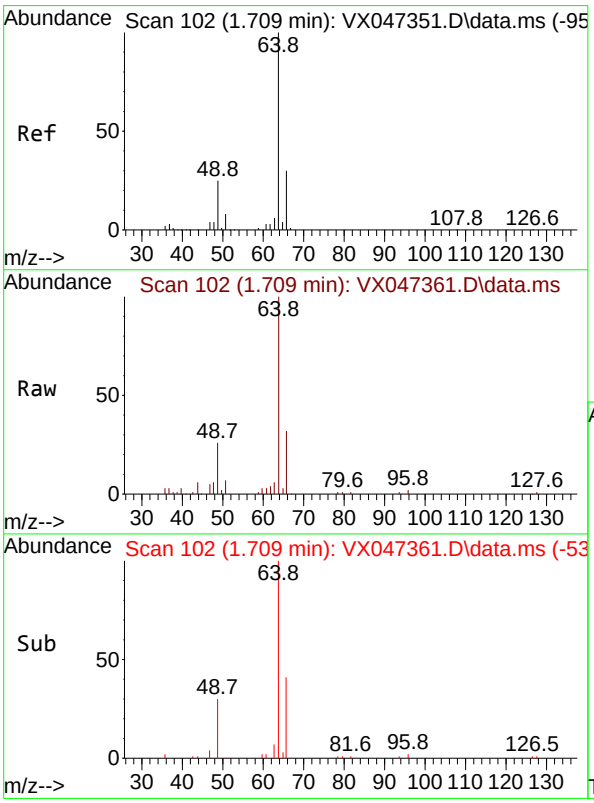
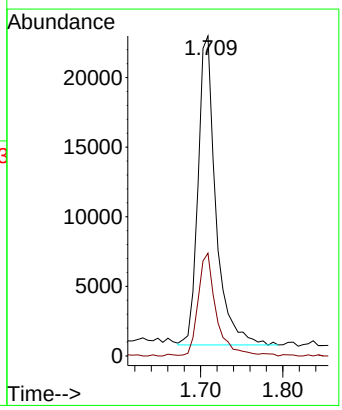


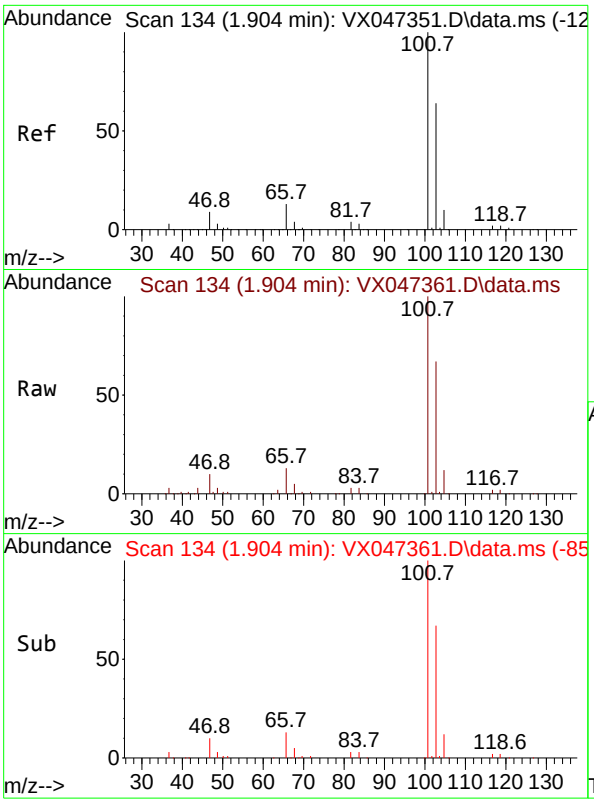


#6
Chloroethane
Concen: 16.256 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 64 Resp: 33342

Ion	Ratio	Lower	Upper
64	100		
66	33.3	24.4	36.6





#7
Trichlorofluoromethane
Concen: 16.074 ug/l
RT: 1.904 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion:101 Resp: 7970

Ion	Ratio	Lower	Upper
101	100		
103	67.1	50.9	76.3

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Manual Integrations
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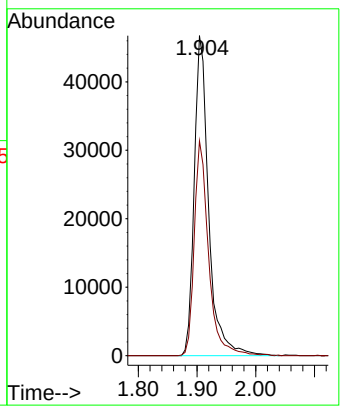
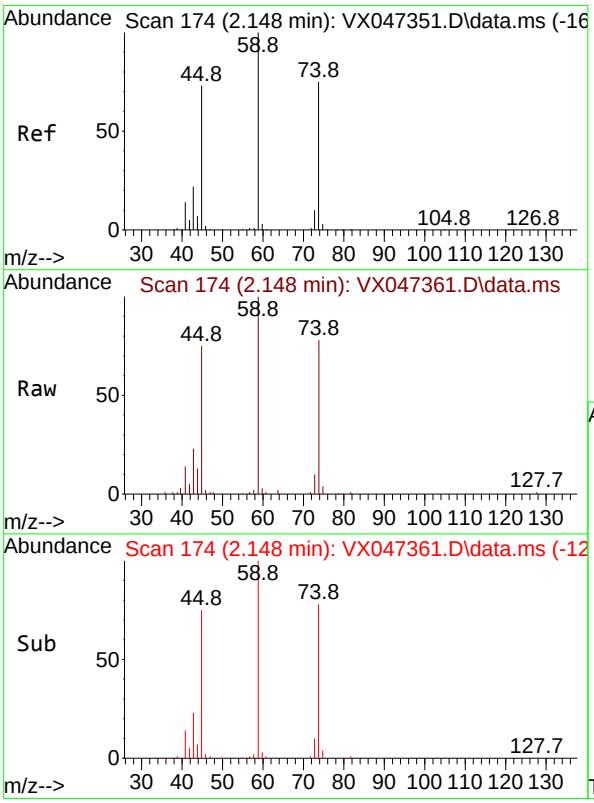
Supervised By :Mahesh Dadoda 08/19/2025

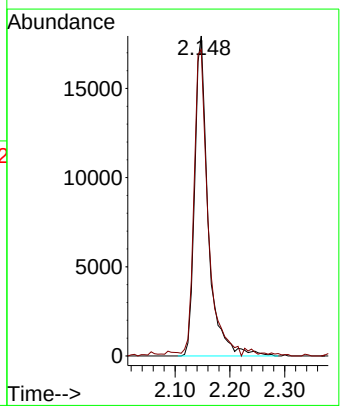


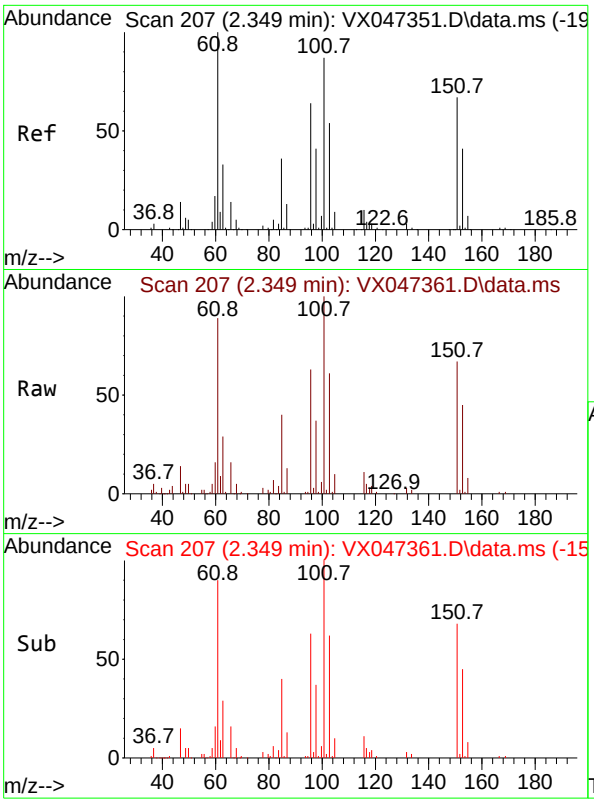


#8
Diethyl Ether
Concen: 17.632 ug/l
RT: 2.148 min Scan# 174
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 74 Resp: 30785

Ion	Ratio	Lower	Upper
74	100		
45	100.2	51.3	154.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.134 ug/l
RT: 2.349 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion:101 Resp: 4928

Ion	Ratio	Lower	Upper
101	100		
85	42.7	34.3	51.5
151	72.6	59.2	88.8

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Manual Integrations
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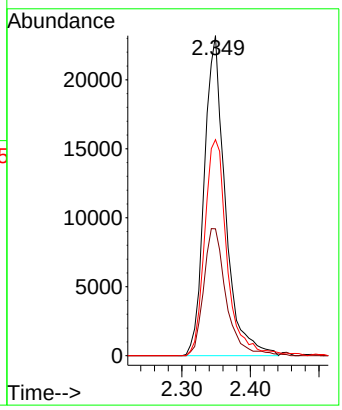
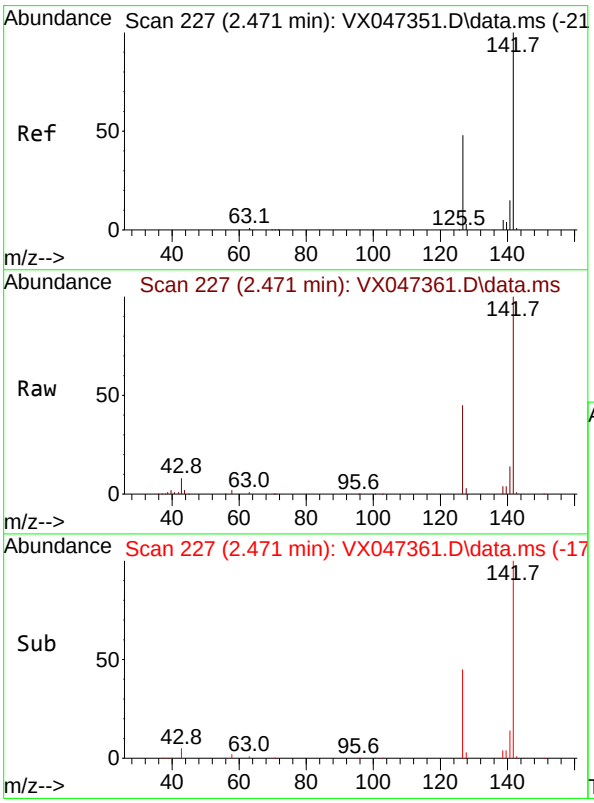
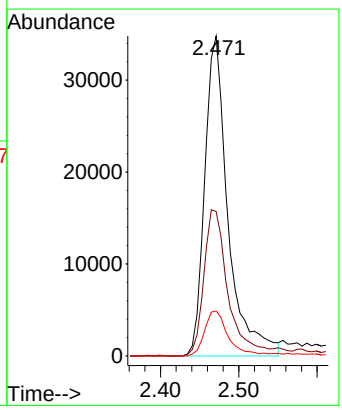


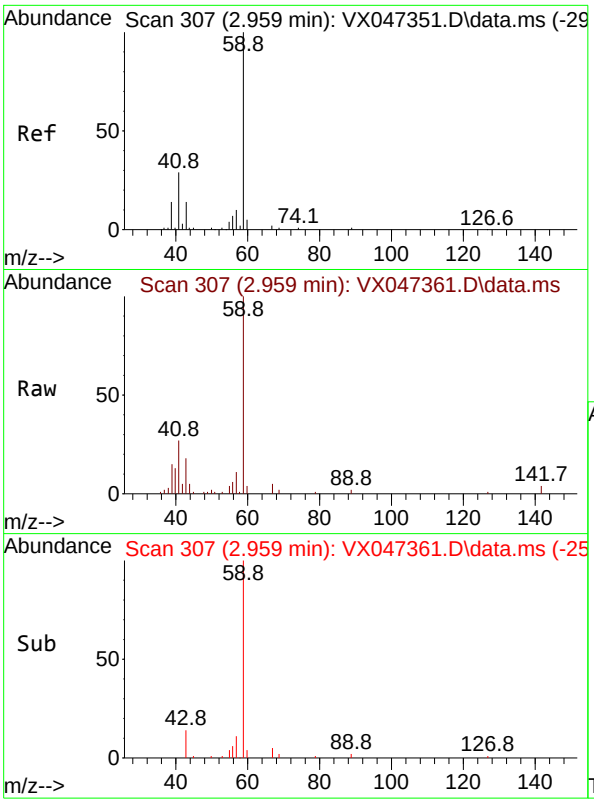


#10
Methyl Iodide
Concen: 14.564 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion:142 Resp: 71790

Ion	Ratio	Lower	Upper
142	100		
127	49.0	36.1	54.1
141	14.7	11.1	16.7

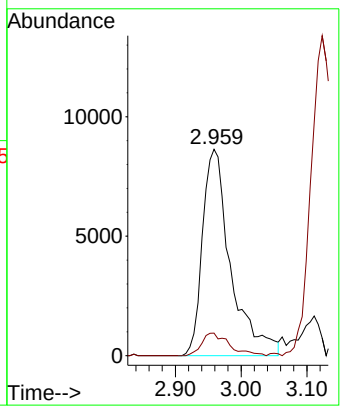




#11
Tert butyl alcohol
Concen: 91.017 ug/l
RT: 2.959 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 59 Resp: 2580

Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.3	12.5



Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Manual Integrations
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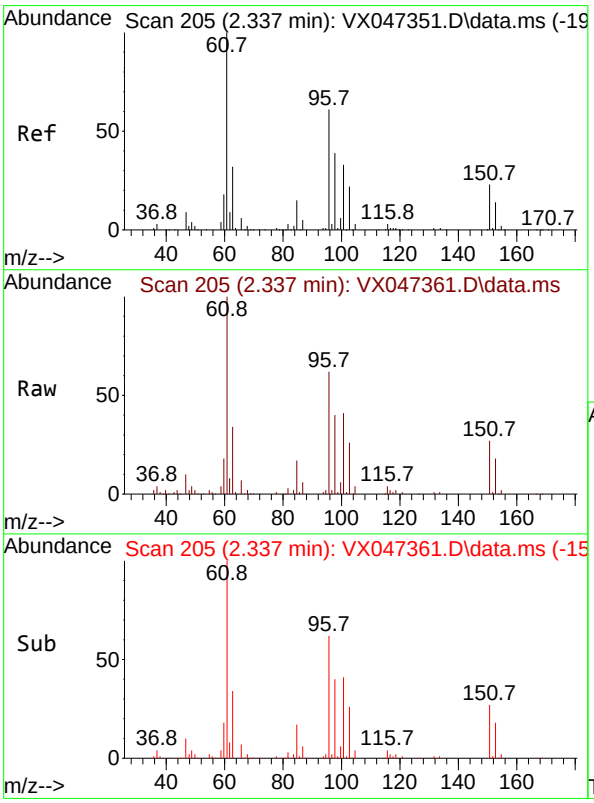
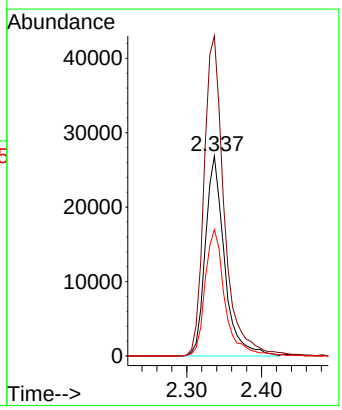
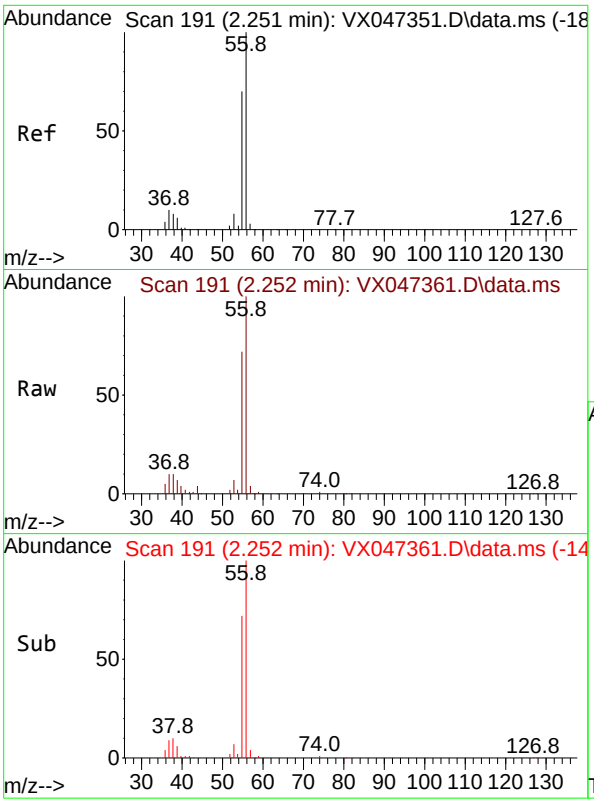


#12
1,1-Dichloroethene
Concen: 16.315 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 96 Resp: 47841

Ion	Ratio	Lower	Upper
96	100		
61	160.1	132.2	198.2
98	63.3	51.2	76.8





#13
Acrolein
Concen: 84.489 ug/l
RT: 2.252 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 56 Resp: 5057

Ion	Ratio	Lower	Upper
56	100		
55	72.2	55.5	83.3

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Manual Integrations
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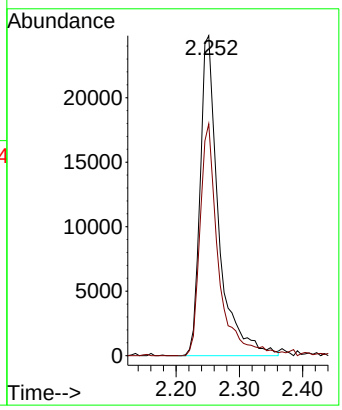
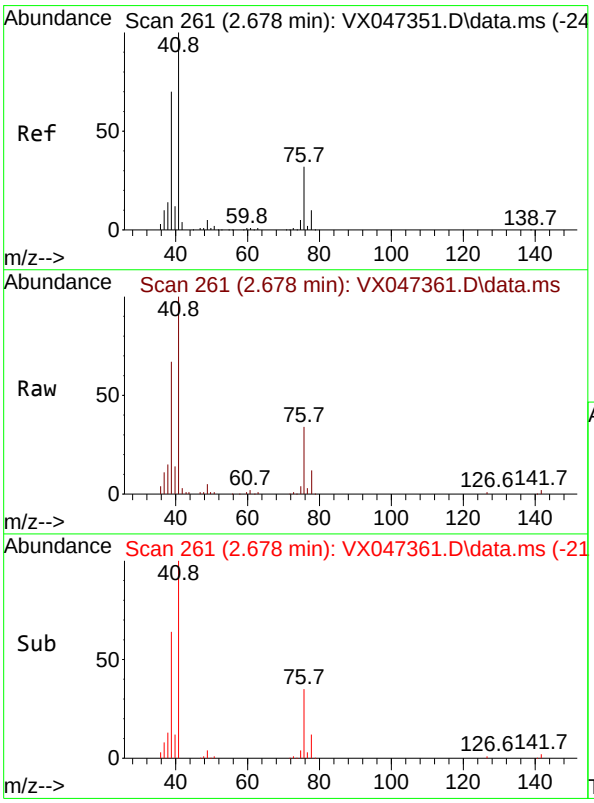
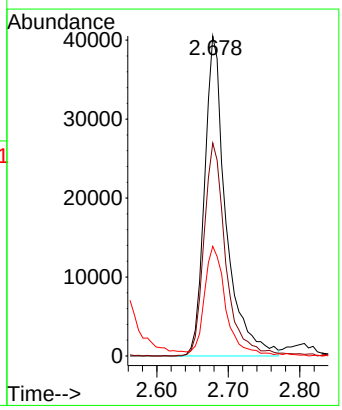


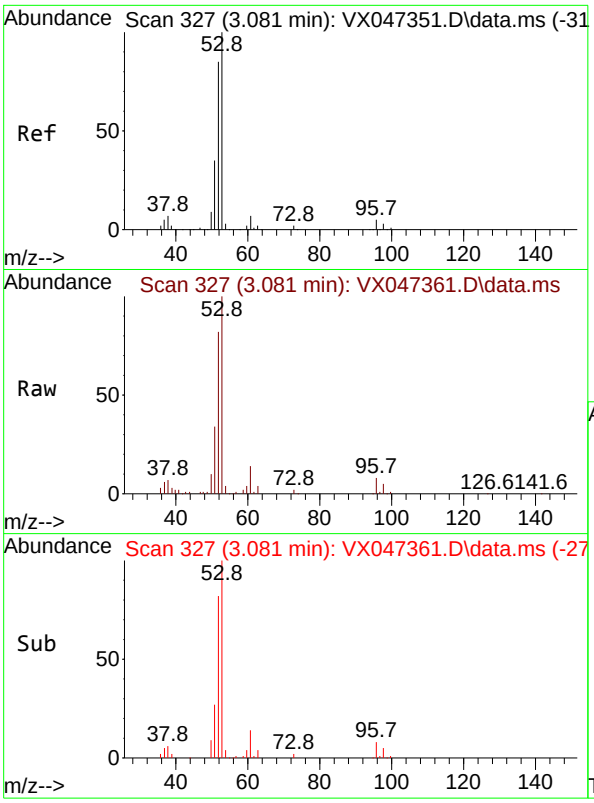


#14
Allyl chloride
Concen: 16.522 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 41 Resp: 84146

Ion	Ratio	Lower	Upper
41	100		
39	68.5	54.6	81.8
76	33.3	27.6	41.4

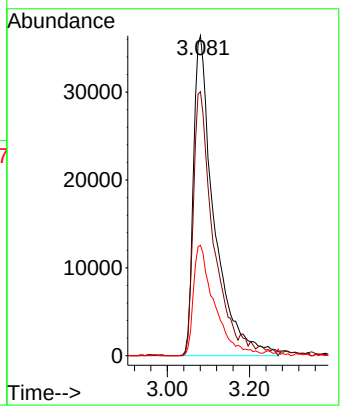




#15
Acrylonitrile
Concen: 92.645 ug/l
RT: 3.081 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 53 Resp: 12693

Ion	Ratio	Lower	Upper
53	100		
52	77.1	65.8	98.6
51	35.3	28.2	42.2



Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

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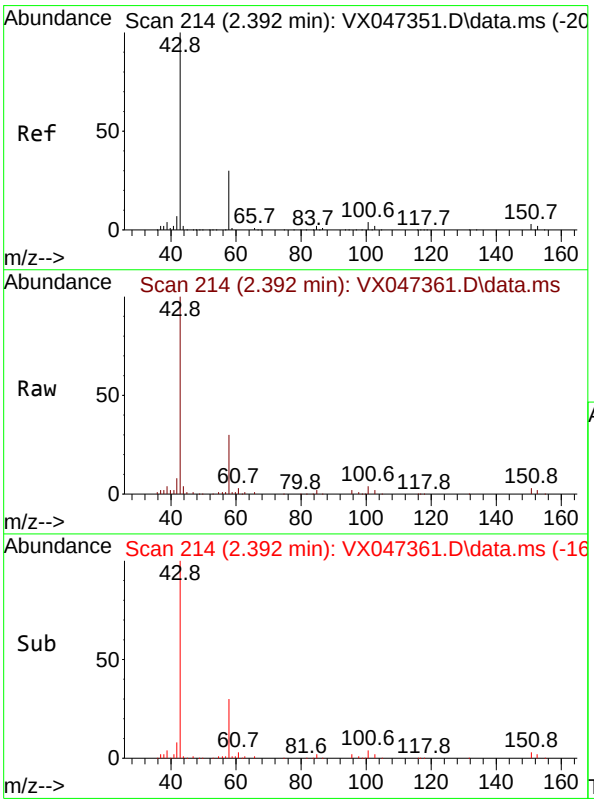
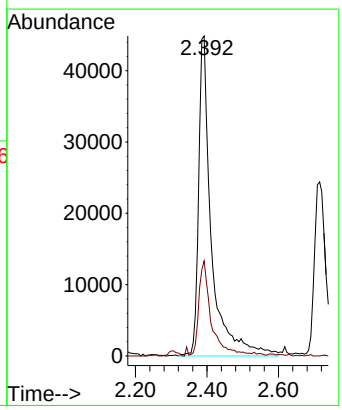
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

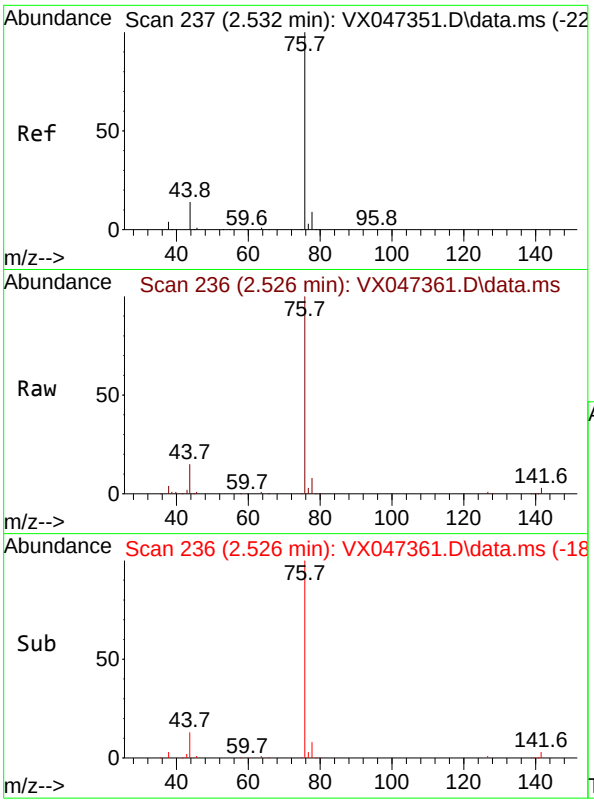


#16
Acetone
Concen: 91.167 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 43 Resp: 111694

Ion	Ratio	Lower	Upper
43	100		
58	29.2	24.8	37.2





#17
Carbon Disulfide
Concen: 16.245 ug/l
RT: 2.526 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 76 Resp: 14374

Ion	Ratio	Lower	Upper
76	100		
78	8.3	7.2	10.8

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

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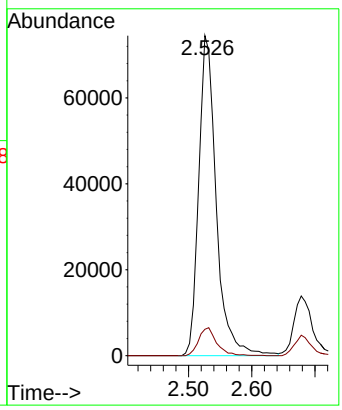
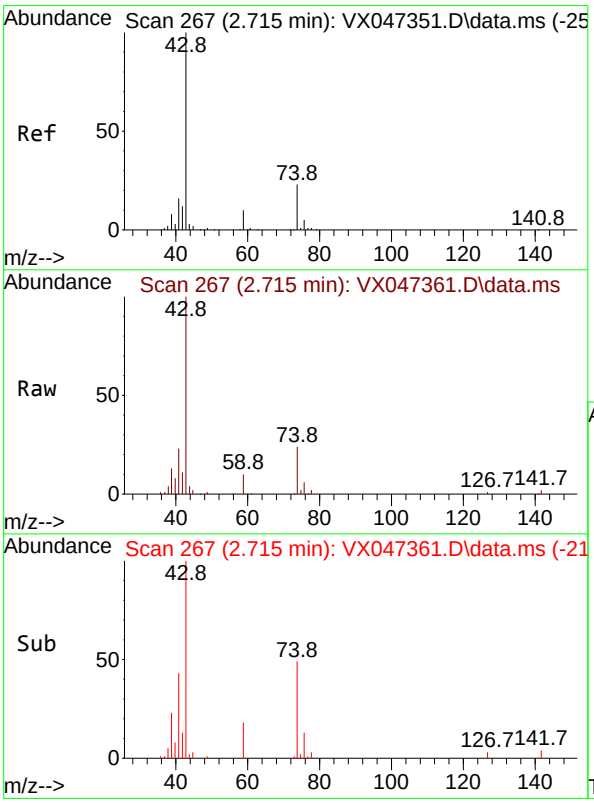
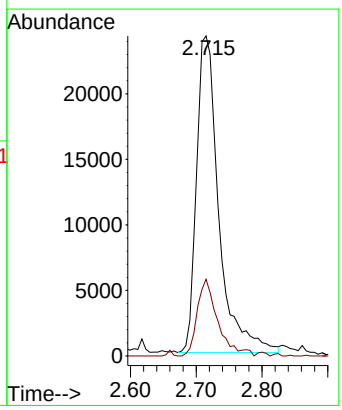


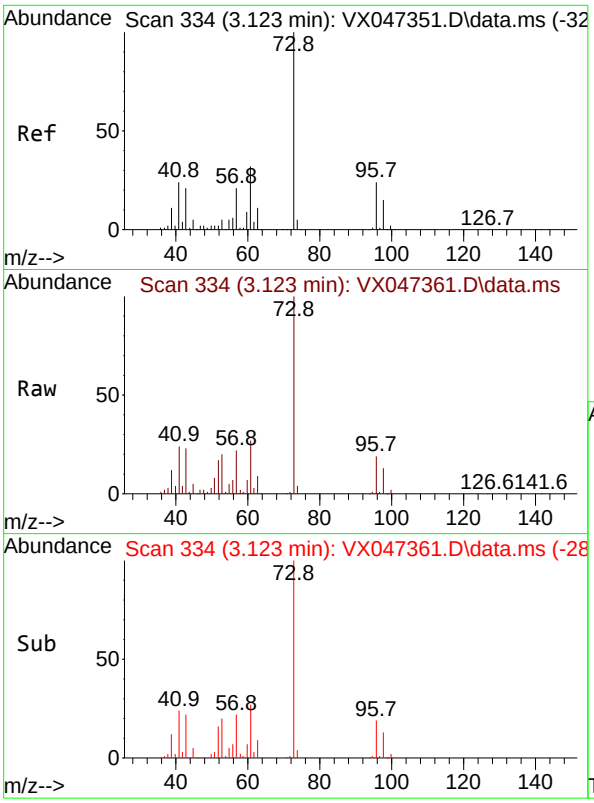


#18
Methyl Acetate
Concen: 17.957 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 43 Resp: 57010

Ion	Ratio	Lower	Upper
43	100		
74	22.2	18.4	27.6

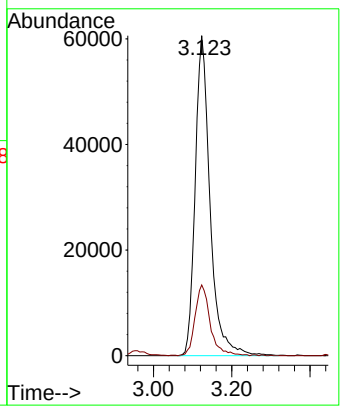




#19
Methyl tert-butyl Ether
Concen: 17.953 ug/l
RT: 3.123 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 73 Resp: 16014

Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.0	25.6



Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

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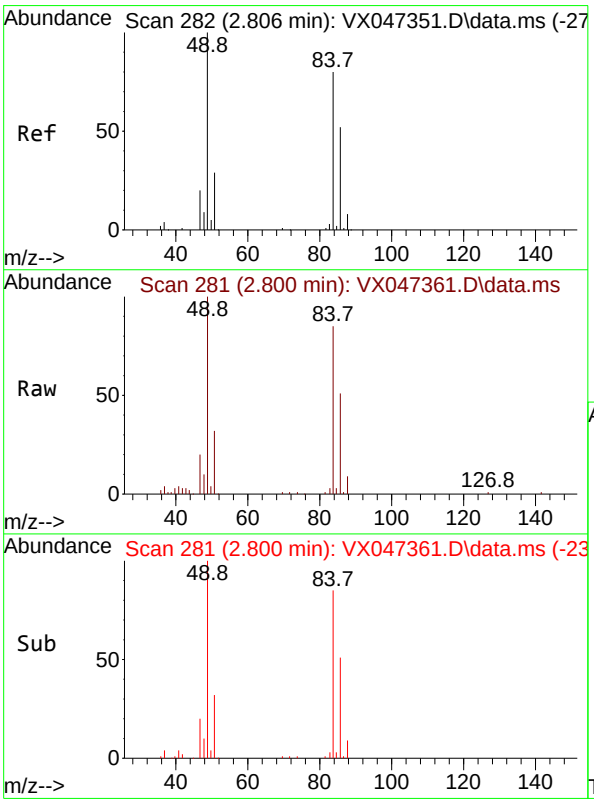
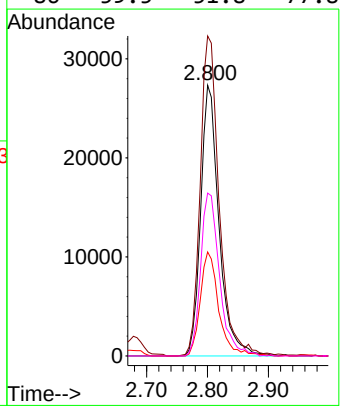
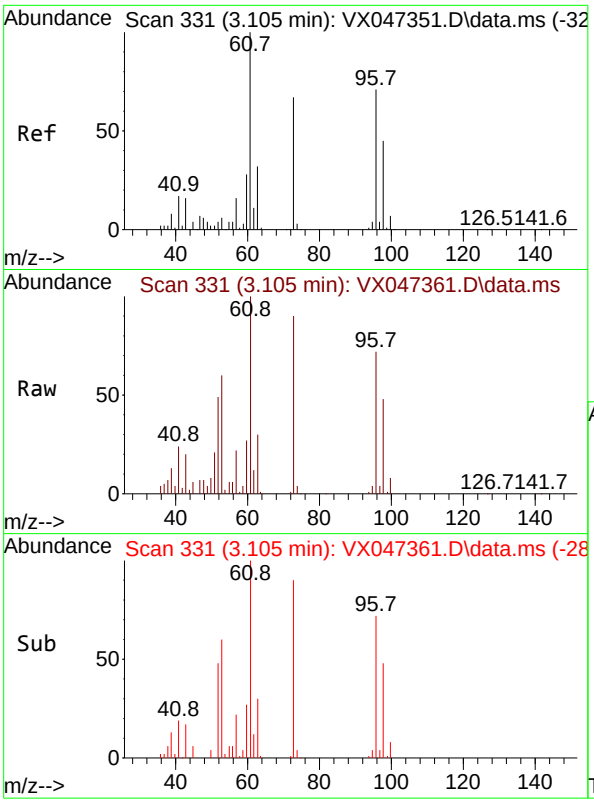


#20
Methylene Chloride
Concen: 17.635 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 84 Resp: 57211

Ion	Ratio	Lower	Upper
84	100		
49	114.5	100.1	150.1
51	37.2	29.5	44.3
86	59.5	51.8	77.8

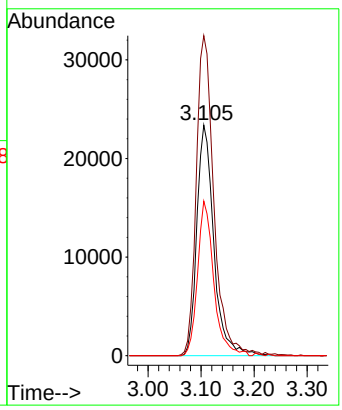




#21
trans-1,2-Dichloroethene
Concen: 16.720 ug/l
RT: 3.105 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 96 Resp: 5203

Ion	Ratio	Lower	Upper
96	100		
61	138.7	112.6	169.0
98	67.0	50.9	76.3



Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

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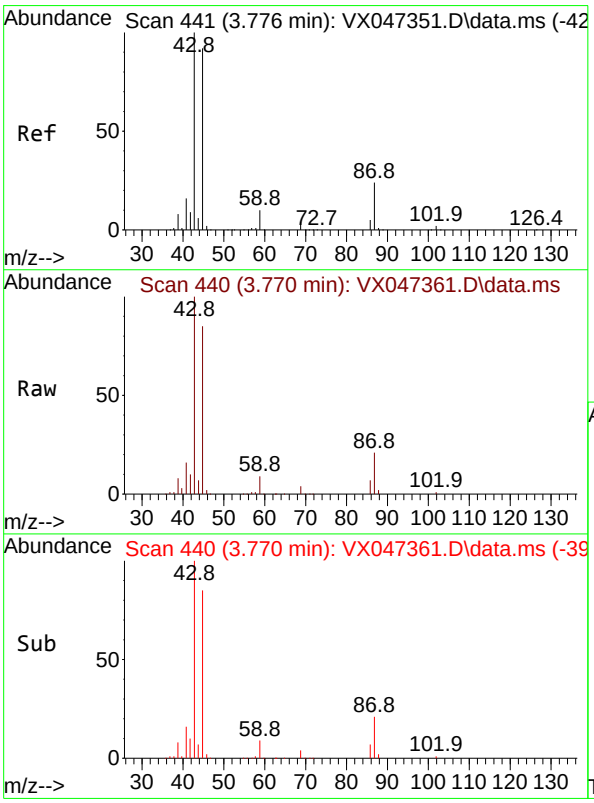
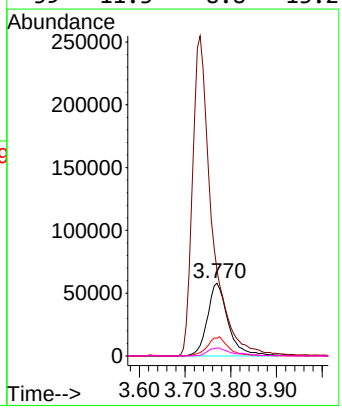
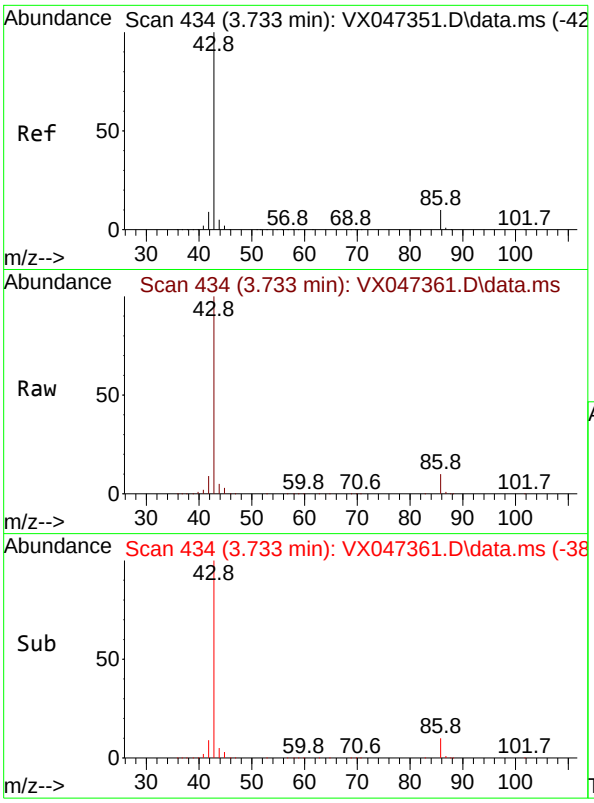


#22
Diisopropyl ether
Concen: 18.141 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.006 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 45 Resp: 182635

Ion	Ratio	Lower	Upper
45	100		
43	117.9	86.8	130.2
87	24.4	20.4	30.6
59	11.3	8.8	13.2





#23
Vinyl Acetate
Concen: 91.201 ug/l
RT: 3.733 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 43 Resp: 75256

Ion	Ratio	Lower	Upper
43	100		
86	9.9	7.9	11.9

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

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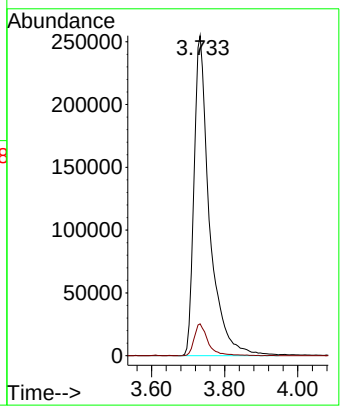
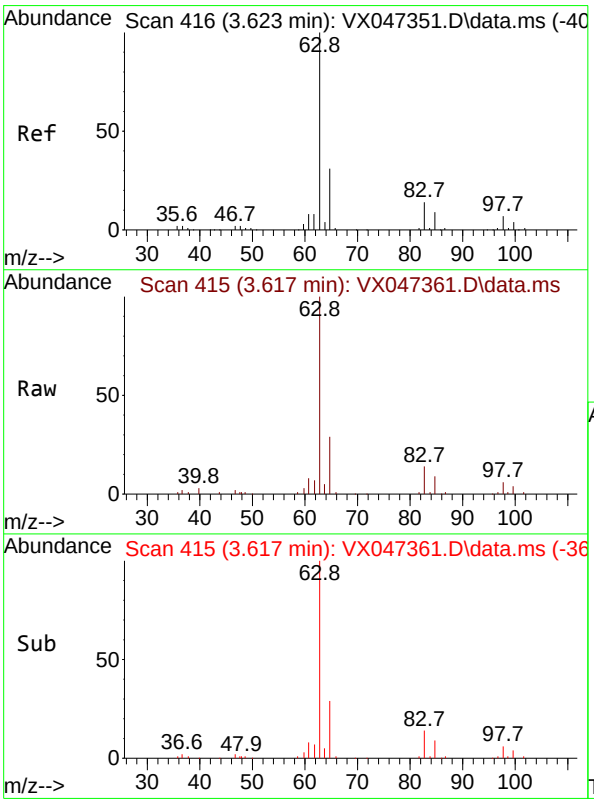
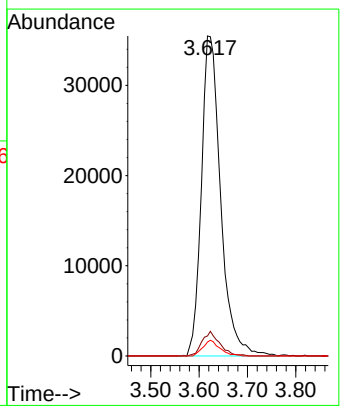


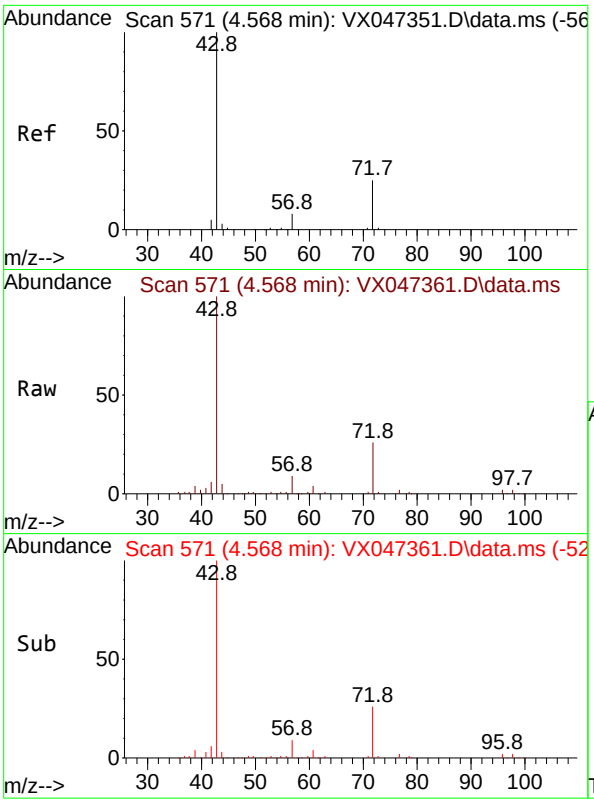


#24
1,1-Dichloroethane
Concen: 17.256 ug/l
RT: 3.617 min Scan# 415
Delta R.T. -0.006 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 63 Resp: 98191

Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.3	9.9
100	4.3	2.1	6.3





#25
2-Butanone
Concen: 92.245 ug/l
RT: 4.568 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 43 Resp: 14801

Ion	Ratio	Lower	Upper
43	100		
72	25.4	19.8	29.8

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Manual Integrations
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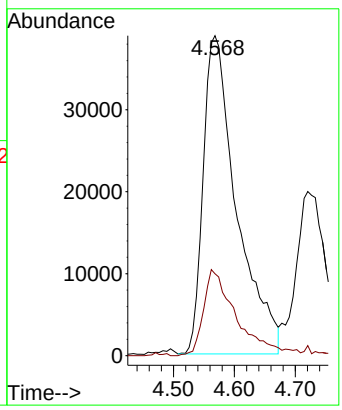
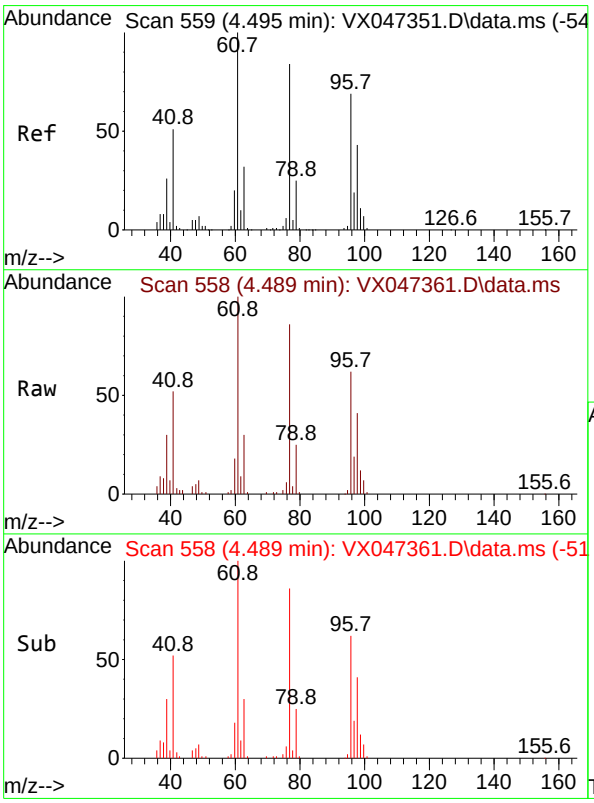
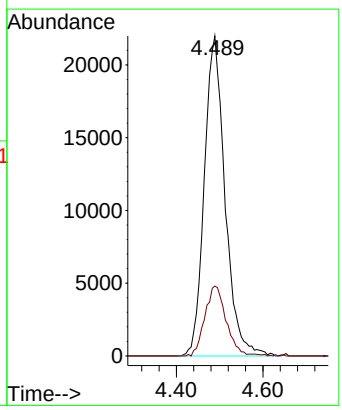


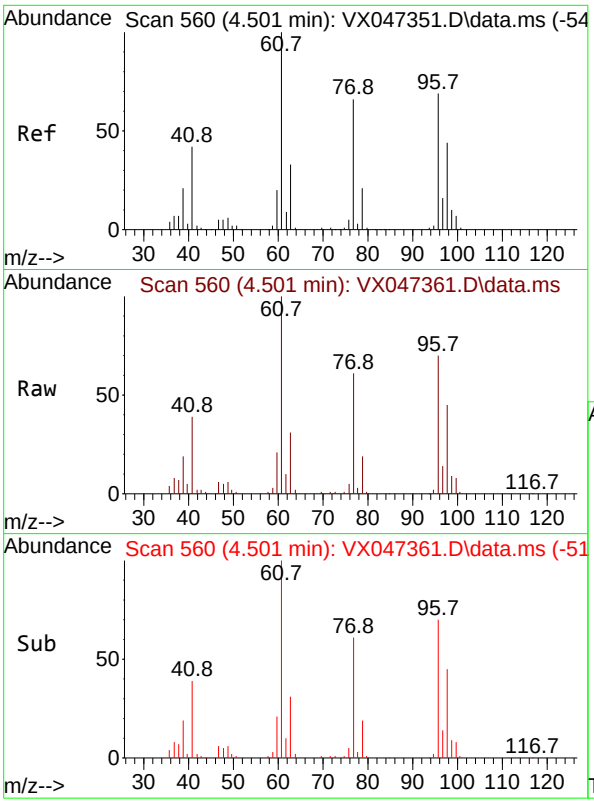


#26
2,2-Dichloropropane
Concen: 17.021 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 77 Resp: 73104

Ion	Ratio	Lower	Upper
77	100		
97	22.3	11.4	34.1

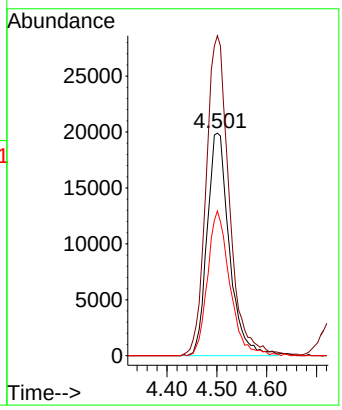




#27
cis-1,2-Dichloroethene
Concen: 16.924 ug/l
RT: 4.501 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 96 Resp: 6134

Ion	Ratio	Lower	Upper
96	100		
61	150.3	0.0	296.6
98	65.4	0.0	130.4



Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

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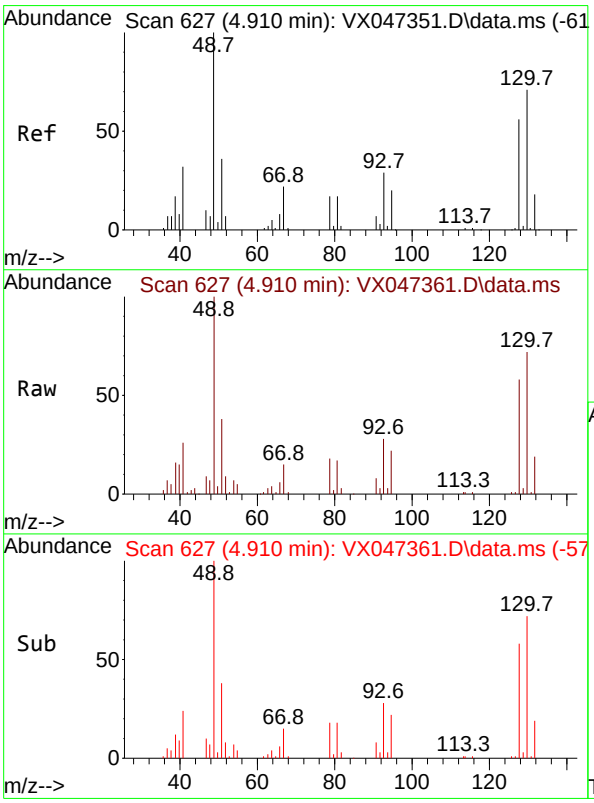
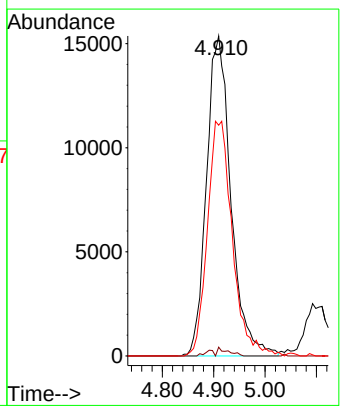
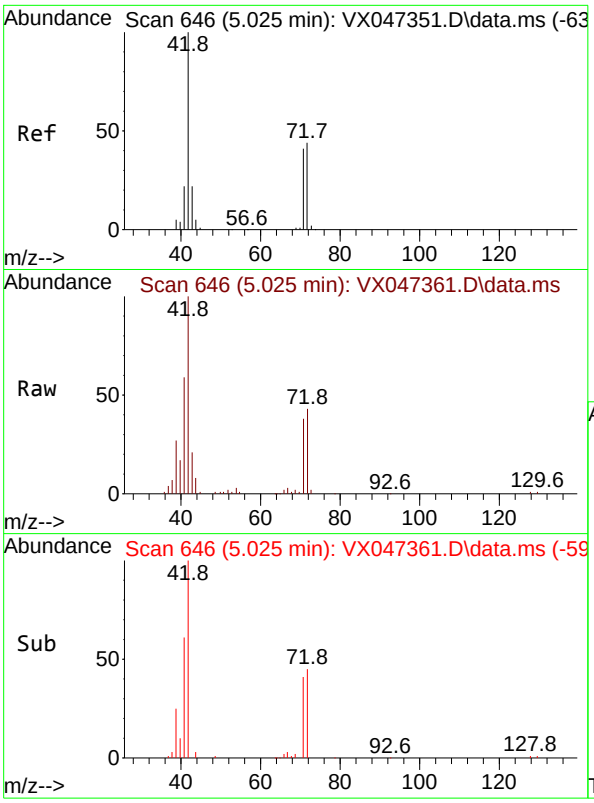


#28
Bromochloromethane
Concen: 21.410 ug/l
RT: 4.910 min Scan# 627
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 49 Resp: 50696

Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	4.0
130	74.8	59.8	89.6





#29
Tetrahydrofuran
Concen: 88.107 ug/l
RT: 5.025 min Scan# 64
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 42 Resp: 9137

Ion	Ratio	Lower	Upper
42	100		
72	44.2	34.6	51.8
71	40.3	32.6	49.0

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Manual Integrations
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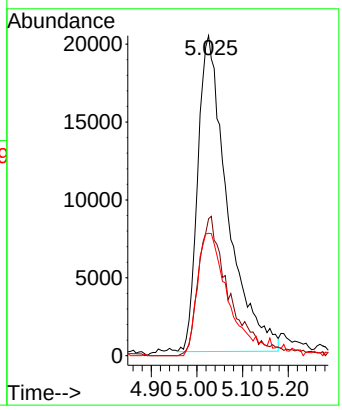
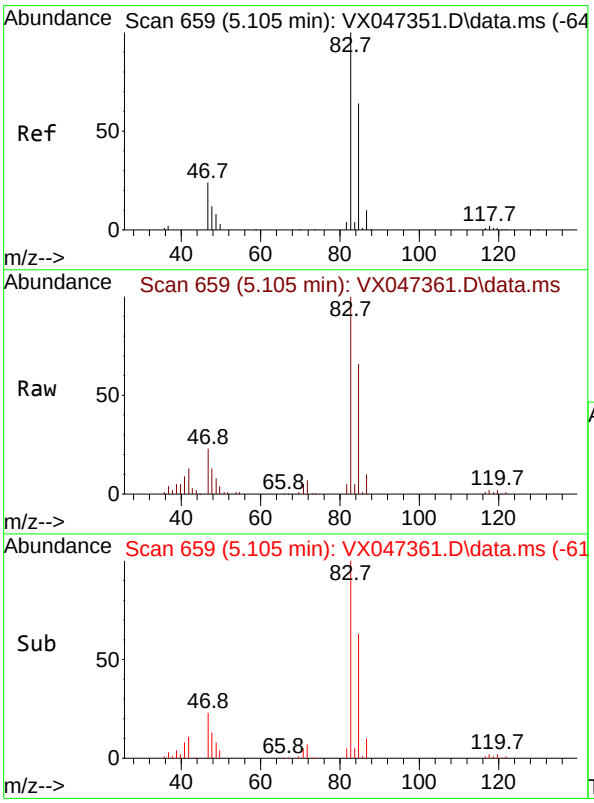
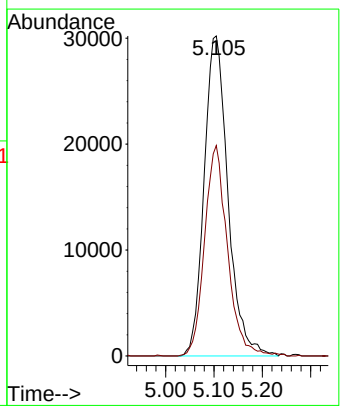


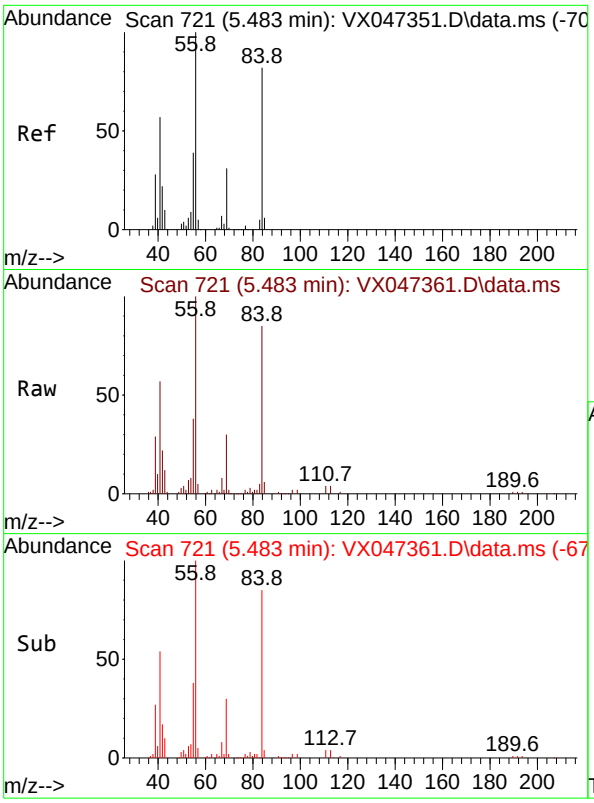


#30
Chloroform
Concen: 17.819 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 83 Resp: 103480

Ion	Ratio	Lower	Upper
83	100		
85	65.7	51.2	76.8

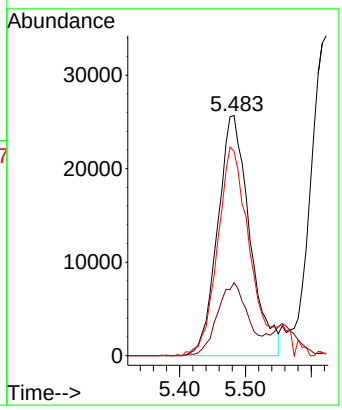




#31
Cyclohexane
Concen: 16.558 ug/l
RT: 5.483 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 56 Resp: 8685

Ion	Ratio	Lower	Upper
56	100		
69	30.0	24.3	36.5
84	85.1	65.3	97.9



Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Manual Integrations
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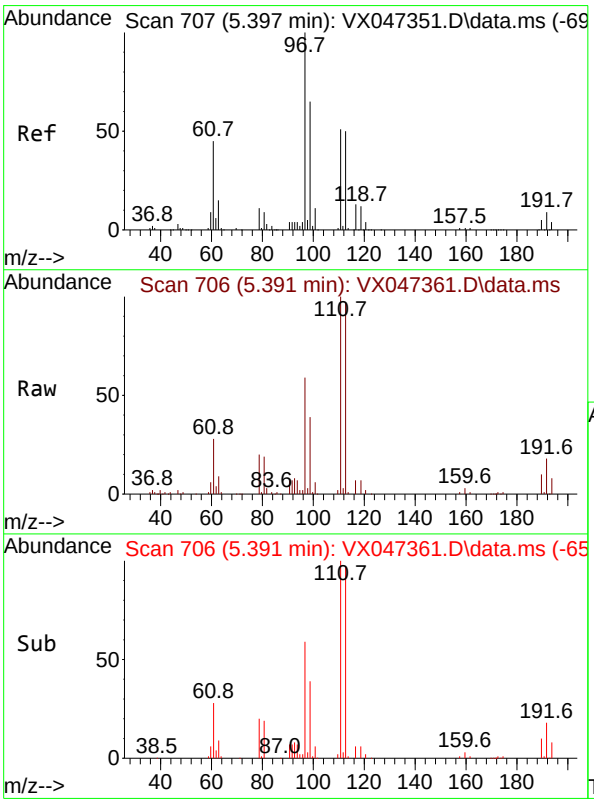
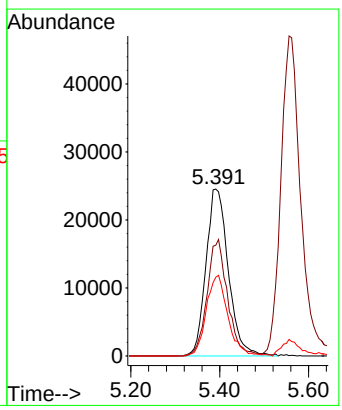
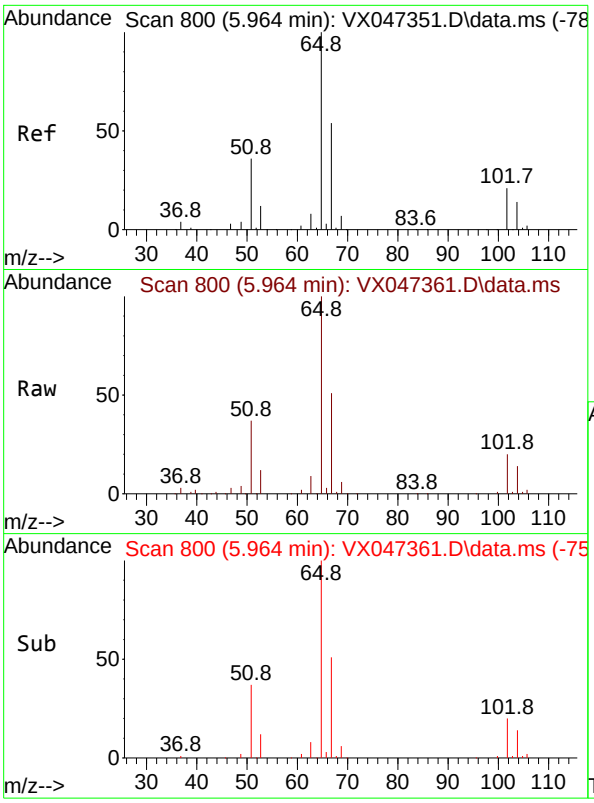


#32
1,1,1-Trichloroethane
Concen: 17.198 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 97 Resp: 85964

Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.4	77.0
61	46.7	35.7	53.5

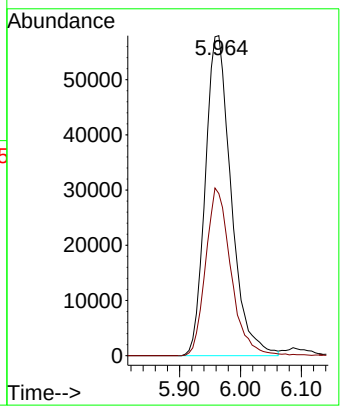




#33
1,2-Dichloroethane-d4
Concen: 52.263 ug/l
RT: 5.964 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 65 Resp: 17034

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	106.0



Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

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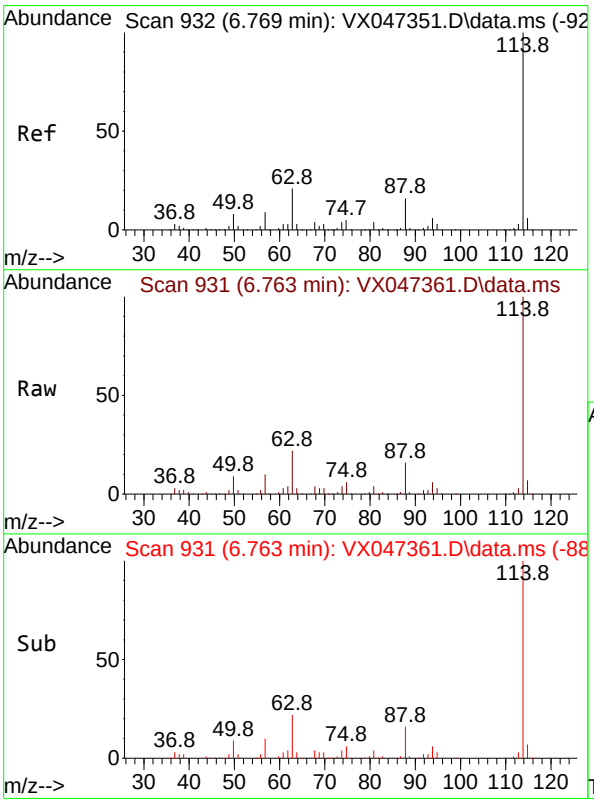
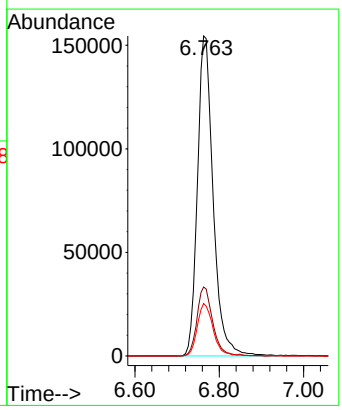
Supervised By :Mahesh Dadoda 08/19/2025

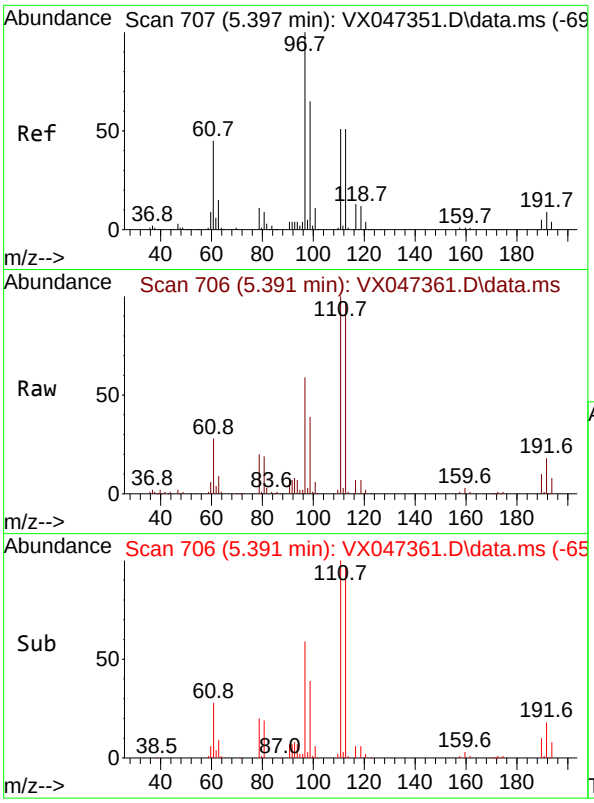


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion:114 Resp: 402024

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	42.4
88	16.4	0.0	33.0

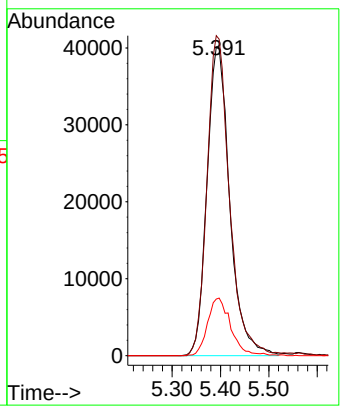




#35
Dibromofluoromethane
Concen: 50.370 ug/l
RT: 5.391 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion:113 Resp: 13142

Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.4	122.2
192	19.0	14.1	21.1



Instrument :
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ClientSampleId :
VX0815WBSD01

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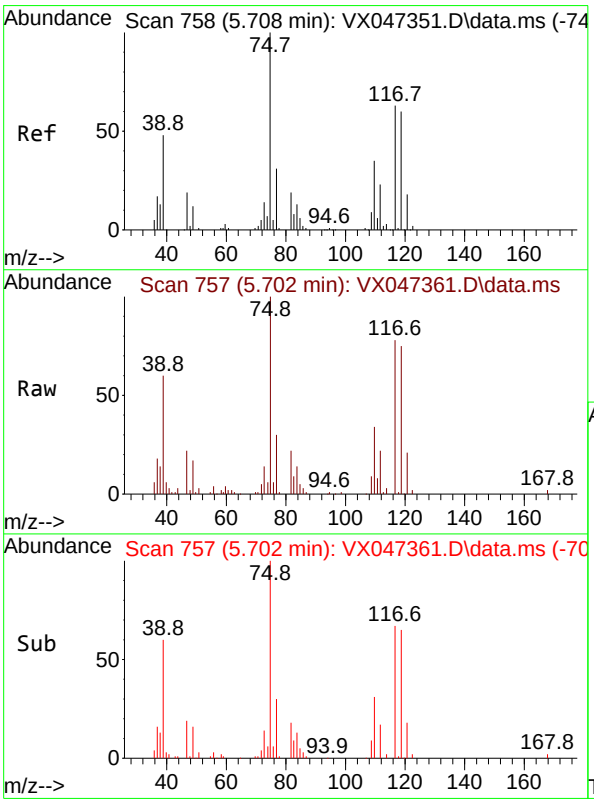
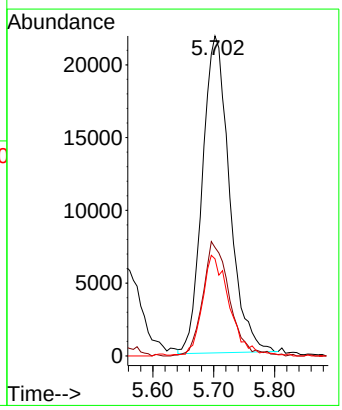
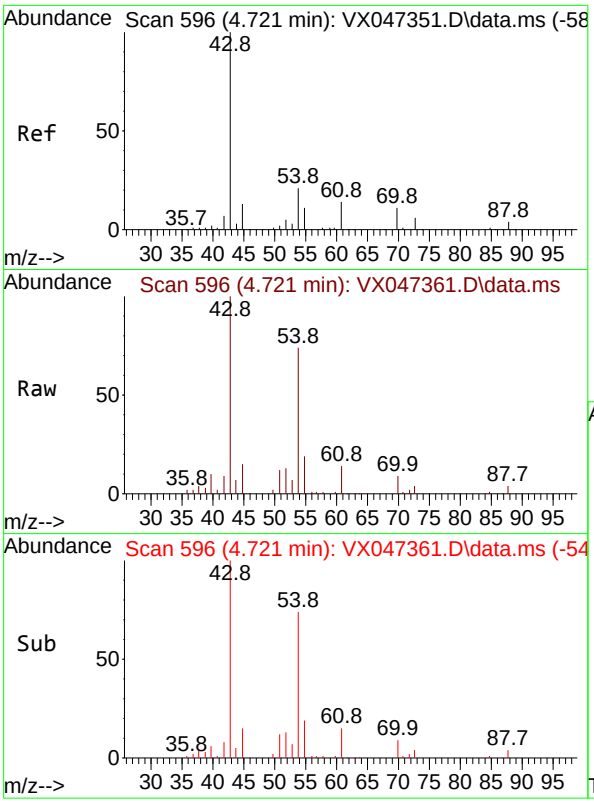


#36
1,1-Dichloropropene
Concen: 16.299 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.006 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 75 Resp: 67131

Ion	Ratio	Lower	Upper
75	100		
110	35.7	17.4	52.2
77	31.0	24.4	36.6

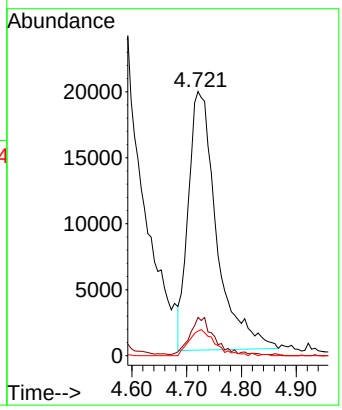




#37
Ethyl Acetate
Concen: 16.481 ug/l
RT: 4.721 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 43 Resp: 7047

Ion	Ratio	Lower	Upper
43	100		
61	12.4	9.4	14.2
70	9.1	7.0	10.6



Instrument :
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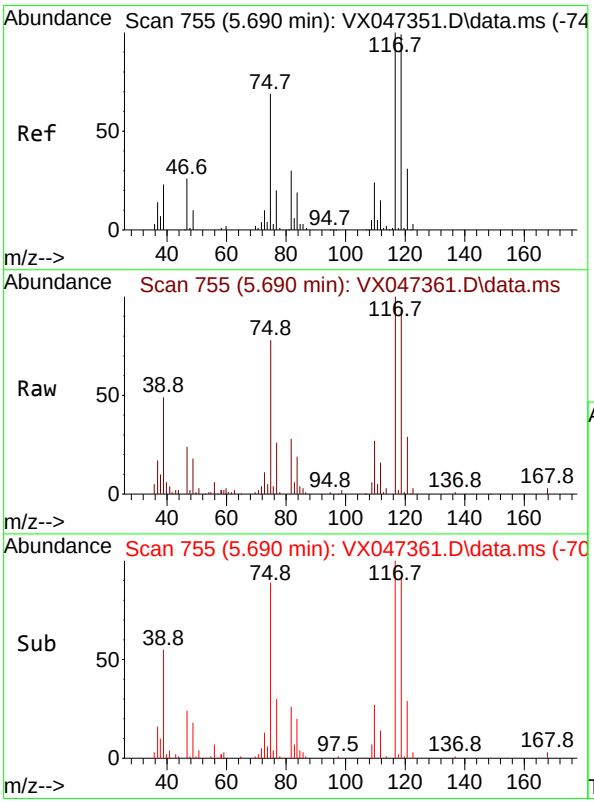
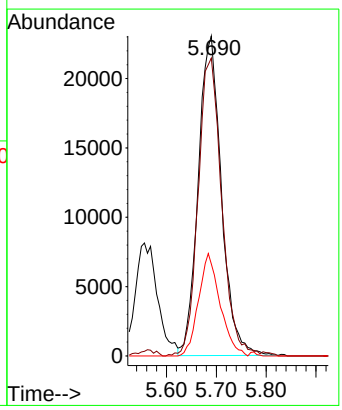
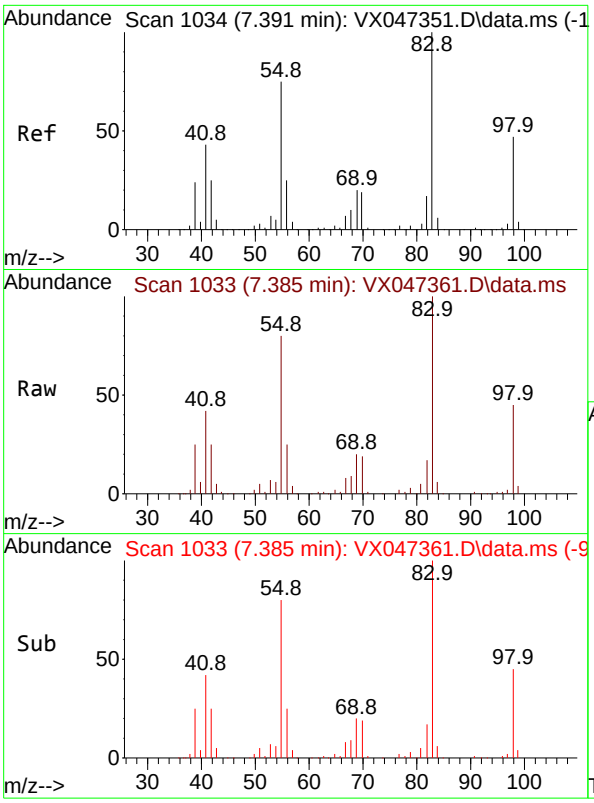


#38
Carbon Tetrachloride
Concen: 16.521 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion:117 Resp: 74361

Ion	Ratio	Lower	Upper
117	100		
119	93.3	78.5	117.7
121	28.8	24.7	37.1

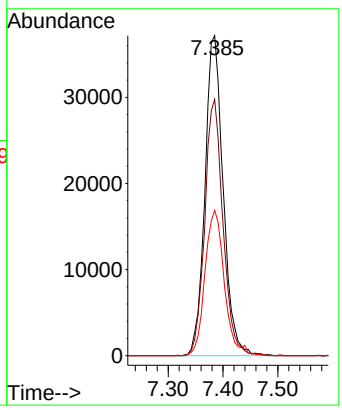




#39
Methylcyclohexane
Concen: 16.681 ug/l
RT: 7.385 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 83 Resp: 8569

Ion	Ratio	Lower	Upper
83	100		
55	79.9	60.0	90.0
98	45.4	37.2	55.8



Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

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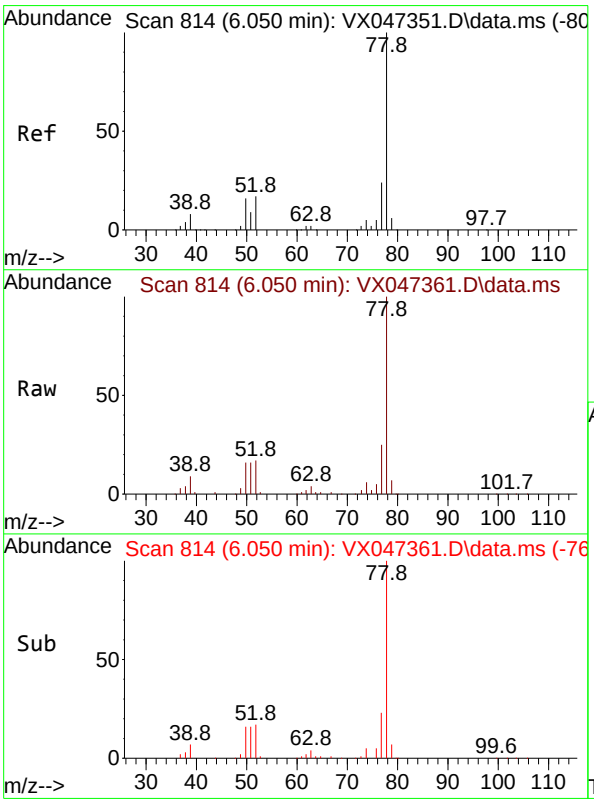
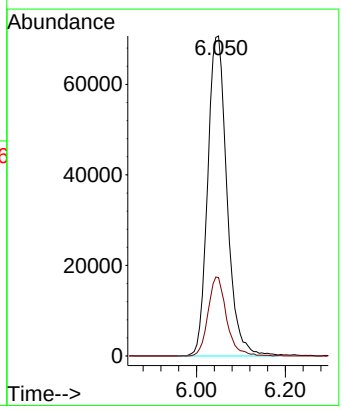
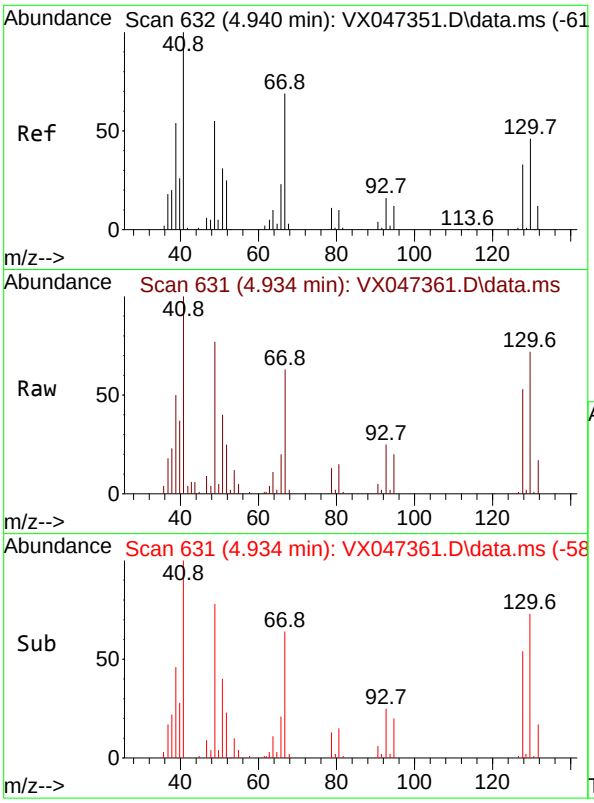


#40
Benzene
Concen: 17.309 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 78 Resp: 213392

Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.0	28.4

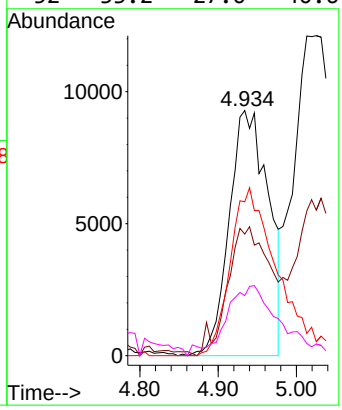




#41
Methacrylonitrile
Concen: 17.923 ug/l
RT: 4.934 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 41 Resp: 3231

Ion	Ratio	Lower	Upper
41	100		
39	52.8	45.4	68.2
67	84.3	64.0	96.0
52	33.2	27.0	40.6



Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

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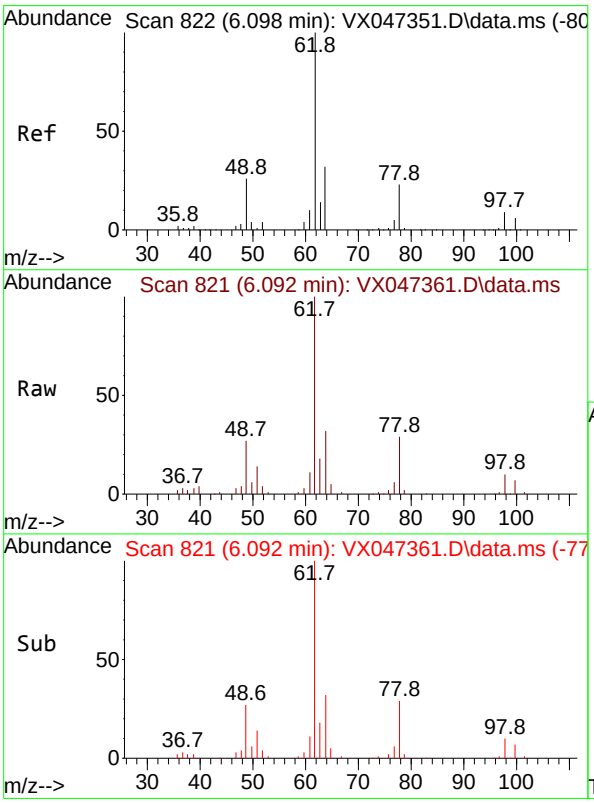
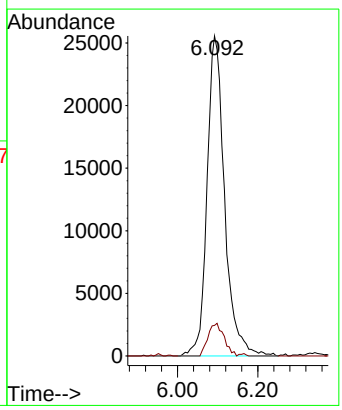
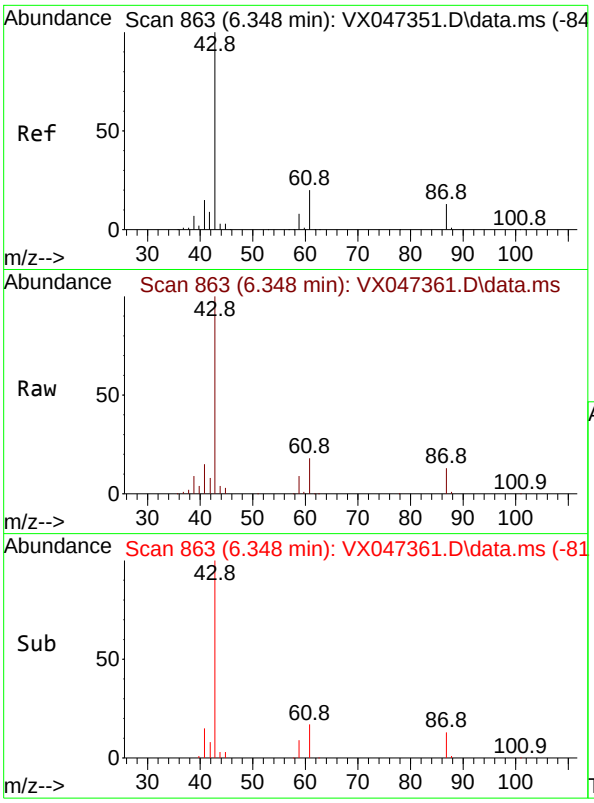


#42
1,2-Dichloroethane
Concen: 17.775 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 62 Resp: 77618

Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.0

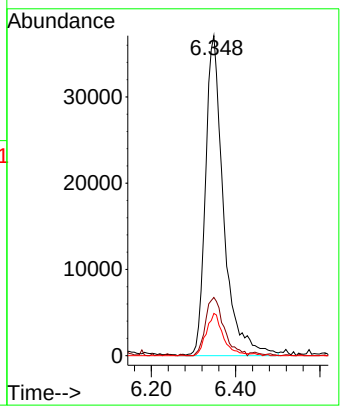




#43
Isopropyl Acetate
Concen: 18.054 ug/l
RT: 6.348 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 43 Resp: 11090

Ion	Ratio	Lower	Upper
43	100		
61	18.4	15.4	23.0
87	12.6	10.2	15.4



Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

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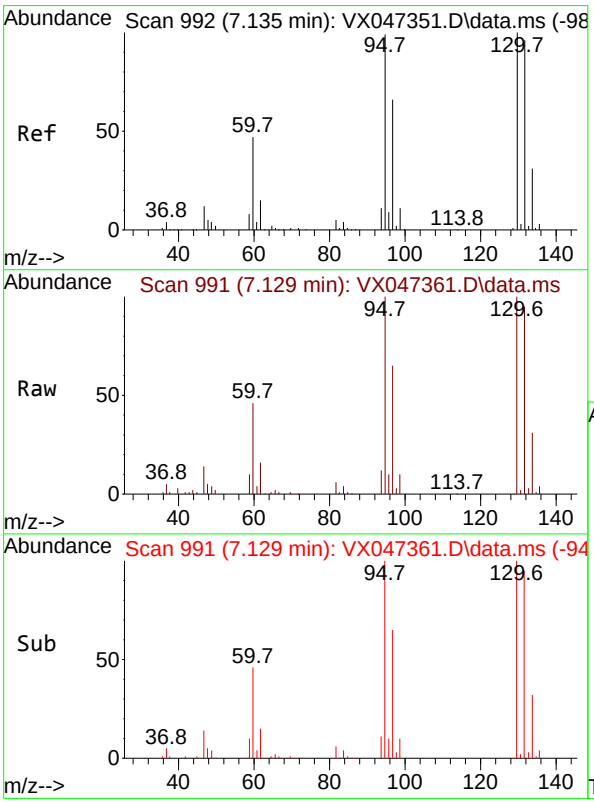
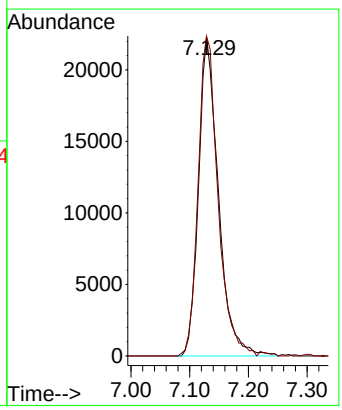
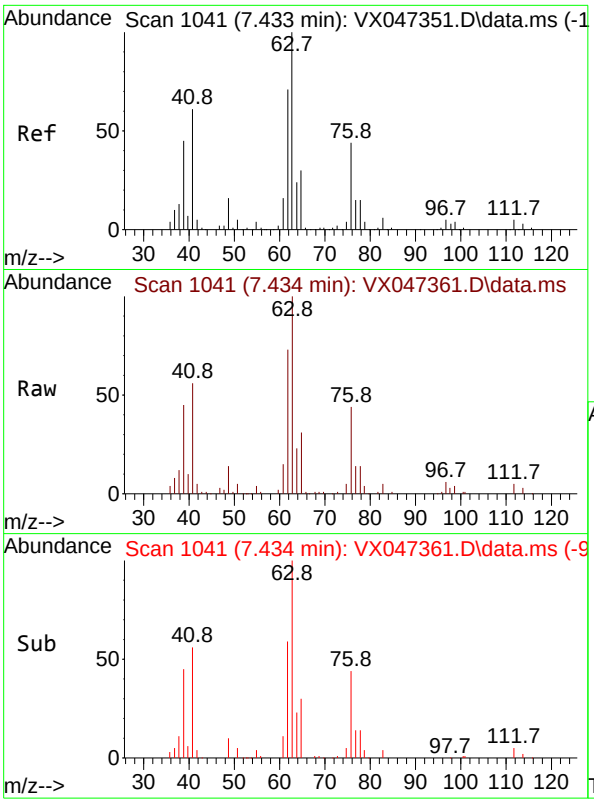


#44
Trichloroethene
Concen: 16.600 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion:130 Resp: 52402

Ion	Ratio	Lower	Upper
130	100		
95	100.3	0.0	198.6





#45
1,2-Dichloropropane
Concen: 17.045 ug/l
RT: 7.434 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 63 Resp: 5264

Ion	Ratio	Lower	Upper
63	100		
65	30.5	23.8	35.6

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

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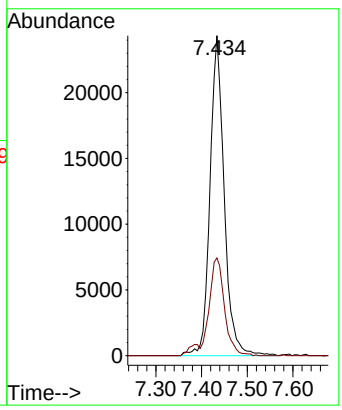
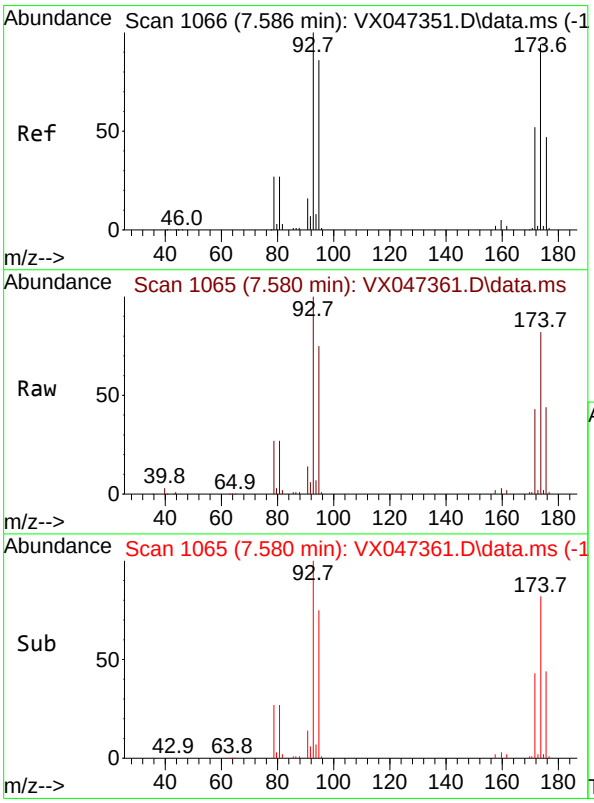
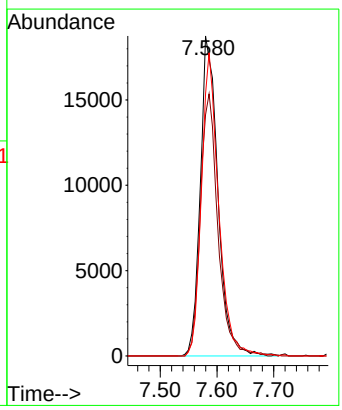


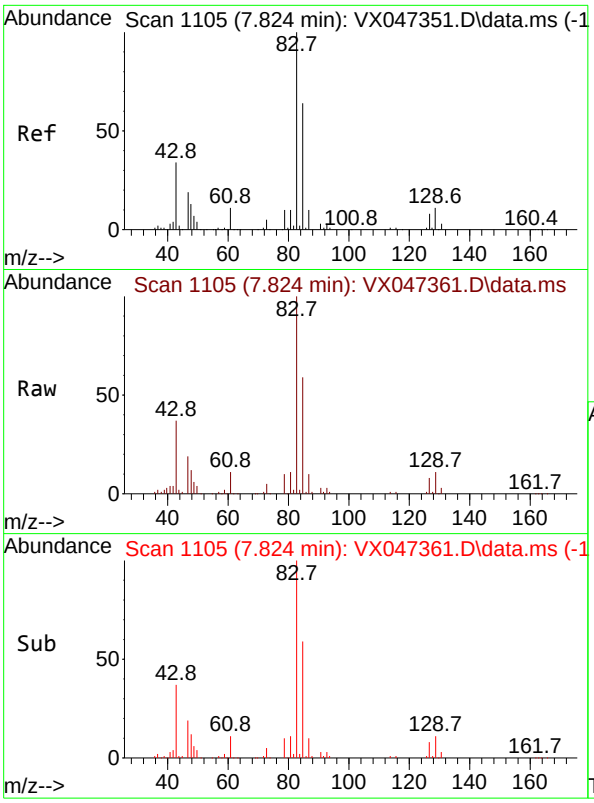


#46
Dibromomethane
Concen: 18.084 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 93 Resp: 40549

Ion	Ratio	Lower	Upper
93	100		
95	81.6	68.0	102.0
174	92.5	75.8	113.6

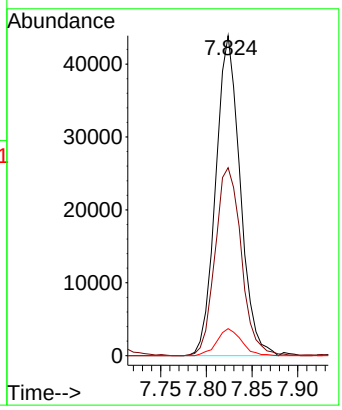




#47
Bromodichloromethane
Concen: 17.577 ug/l
RT: 7.824 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 83 Resp: 8170

Ion	Ratio	Lower	Upper
83	100		
85	58.7	51.0	76.6
127	8.5	7.0	10.4



Instrument :
MSVOA_X
ClientSampleId :
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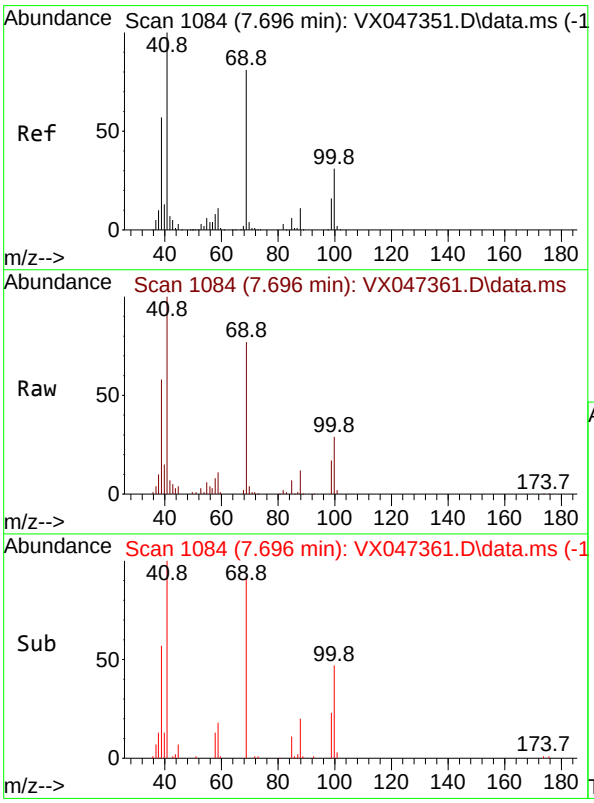
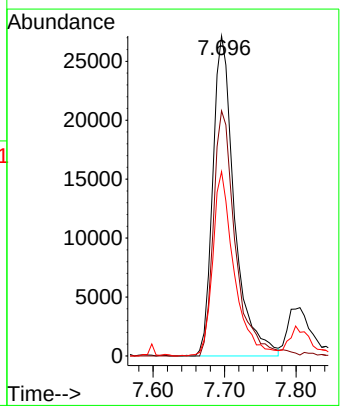
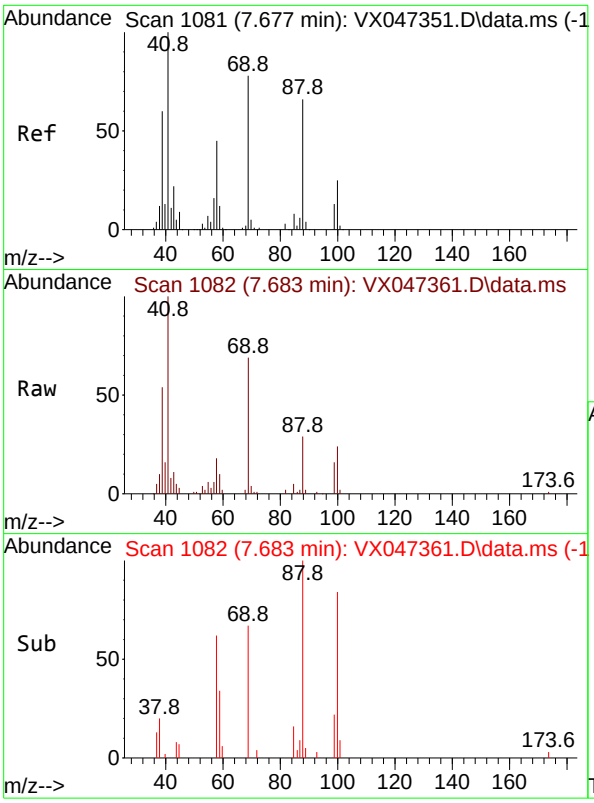


#48
Methyl methacrylate
Concen: 17.915 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 41 Resp: 57122

Ion	Ratio	Lower	Upper
41	100		
69	77.8	65.0	97.4
39	56.9	45.7	68.5





#49
1,4-Dioxane
Concen: 331.751 ug/l
RT: 7.683 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 88 Resp: 1028

Ion	Ratio	Lower	Upper
88	100		
43	46.3	32.4	48.6
58	70.4	56.9	85.3

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

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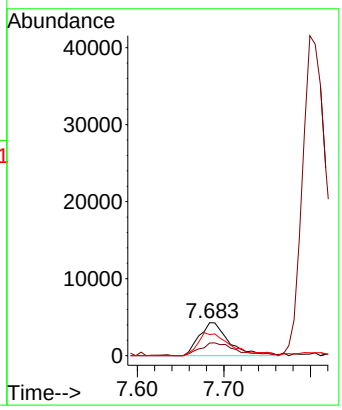
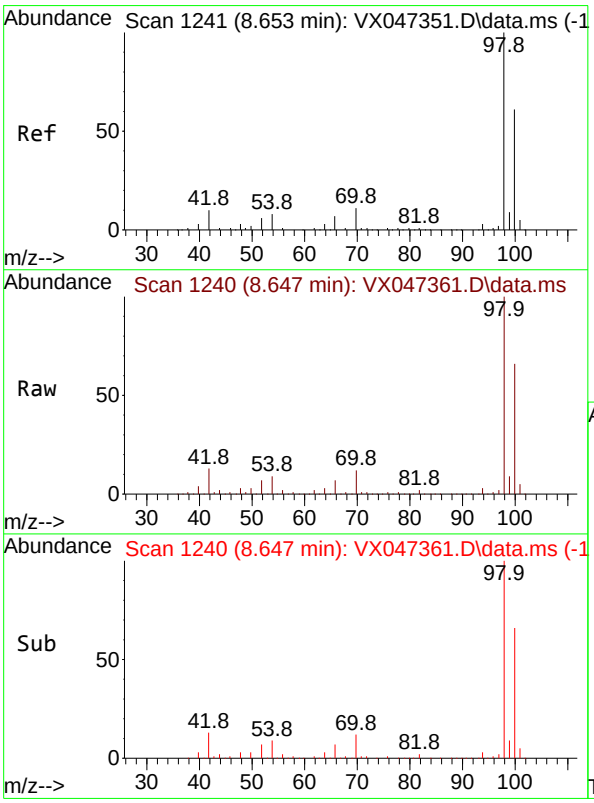
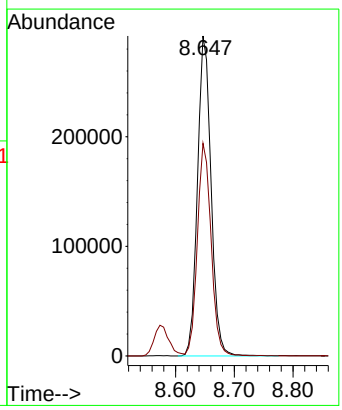


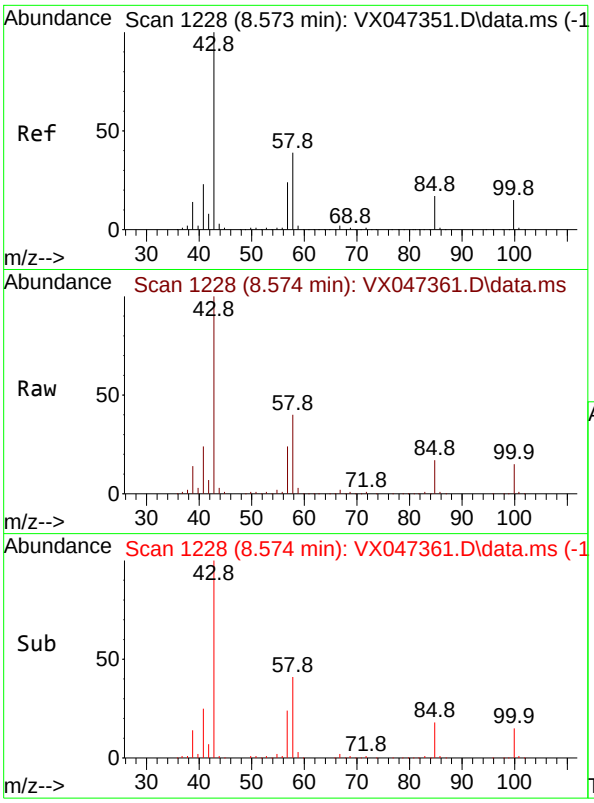


#50
Toluene-d8
Concen: 50.342 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 98 Resp: 469487

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.9	80.9

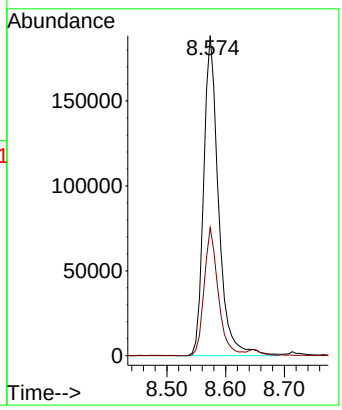




#51
4-Methyl-2-Pentanone
Concen: 93.809 ug/l
RT: 8.574 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 43 Resp: 33160

Ion	Ratio	Lower	Upper
43	100		
58	38.0	31.2	46.8



Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

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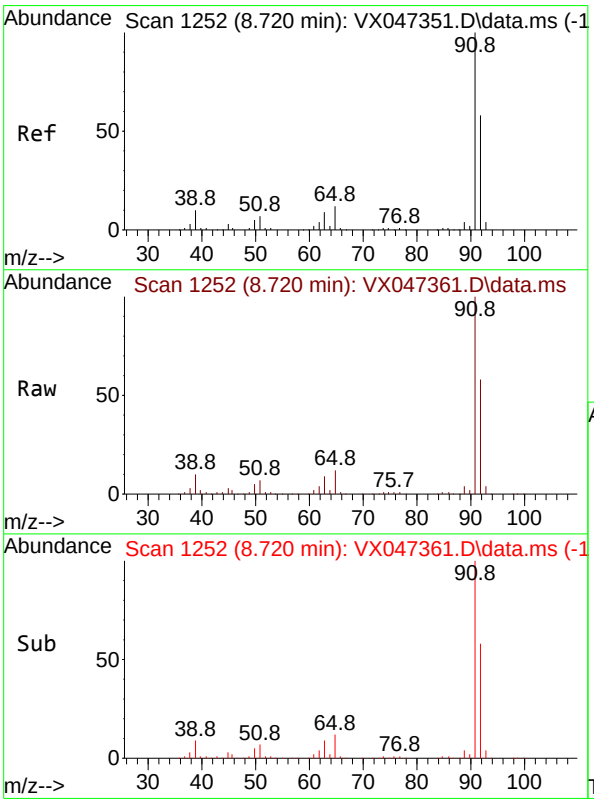
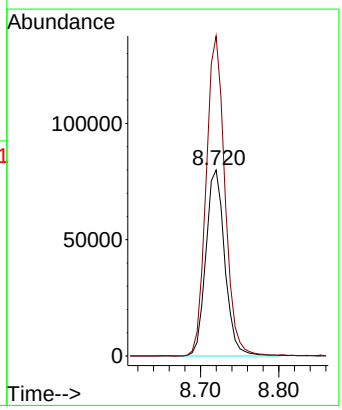
Supervised By :Mahesh Dadoda 08/19/2025

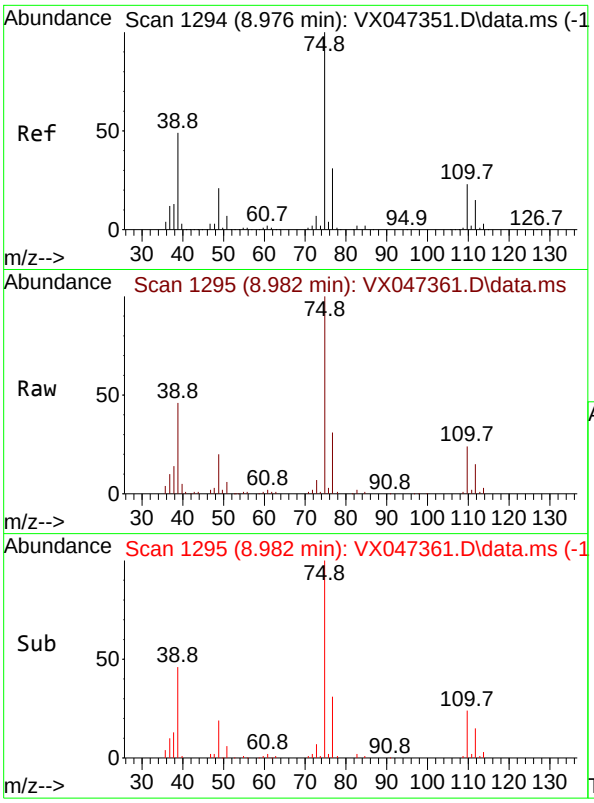


#52
Toluene
Concen: 17.572 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 92 Resp: 133864

Ion	Ratio	Lower	Upper
92	100		
91	171.1	136.3	204.5

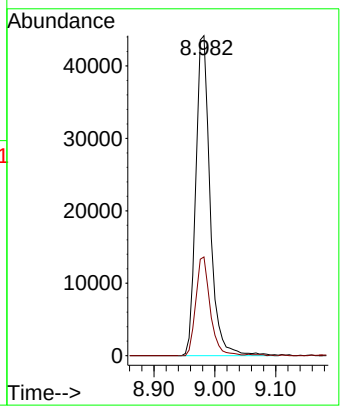




#53
t-1,3-Dichloropropene
Concen: 17.771 ug/l
RT: 8.982 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 75 Resp: 7209

Ion	Ratio	Lower	Upper
75	100		
77	30.8	24.7	37.1



Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

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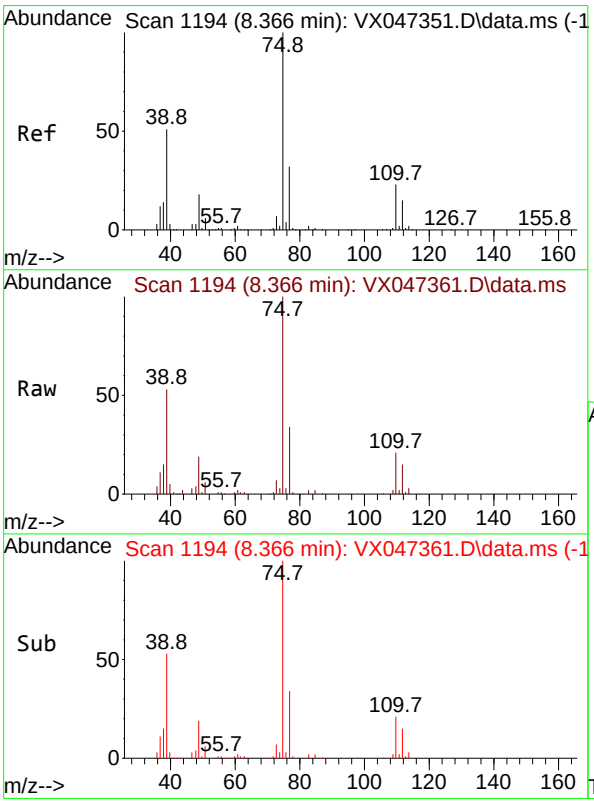
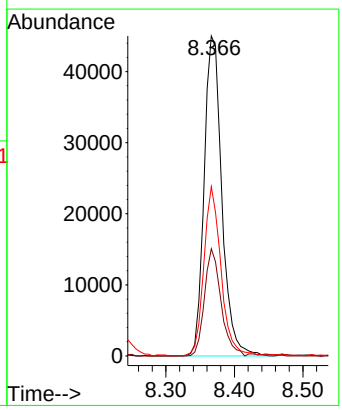
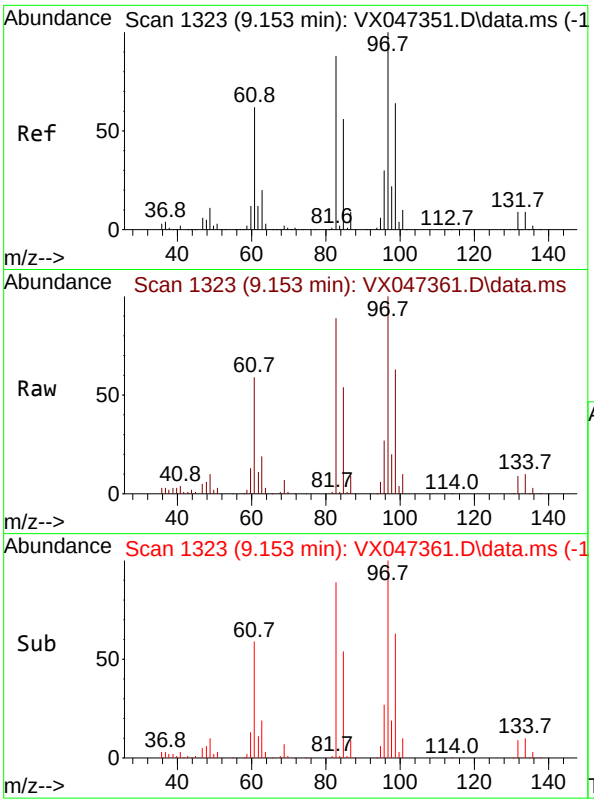


#54
cis-1,3-Dichloropropene
Concen: 17.705 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 75 Resp: 81302

Ion	Ratio	Lower	Upper
75	100		
77	33.5	25.6	38.4
39	52.5	40.9	61.3

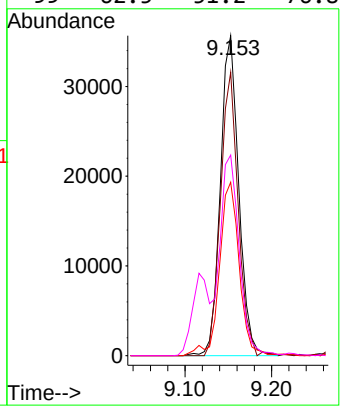




#55
1,1,2-Trichloroethane
Concen: 18.151 ug/l
RT: 9.153 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 97 Resp: 5250

Ion	Ratio	Lower	Upper
97	100		
83	88.6	70.6	106.0
85	54.2	44.7	67.1
99	62.5	51.2	76.8



Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

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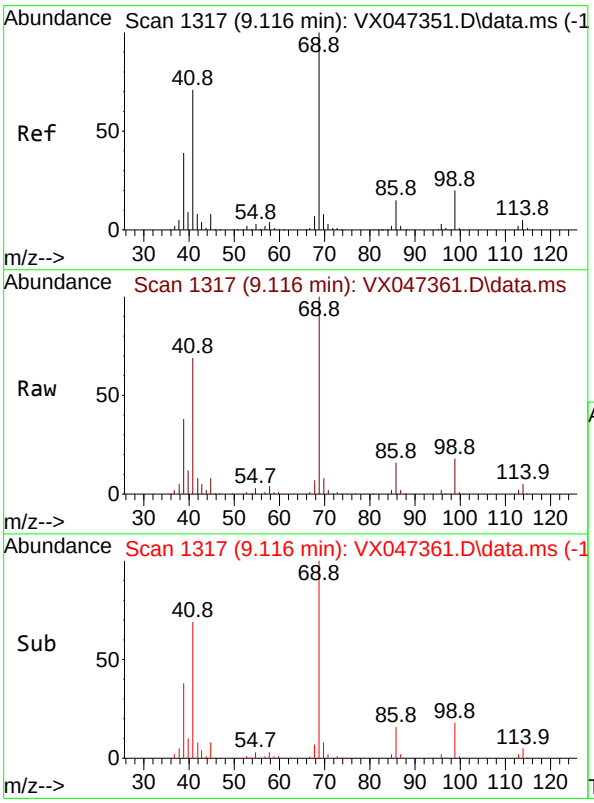
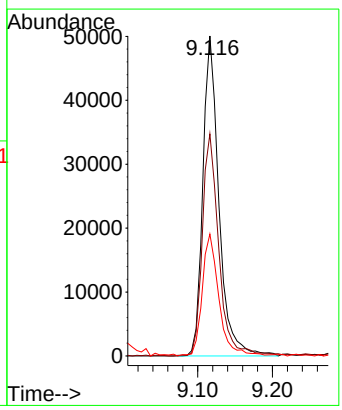
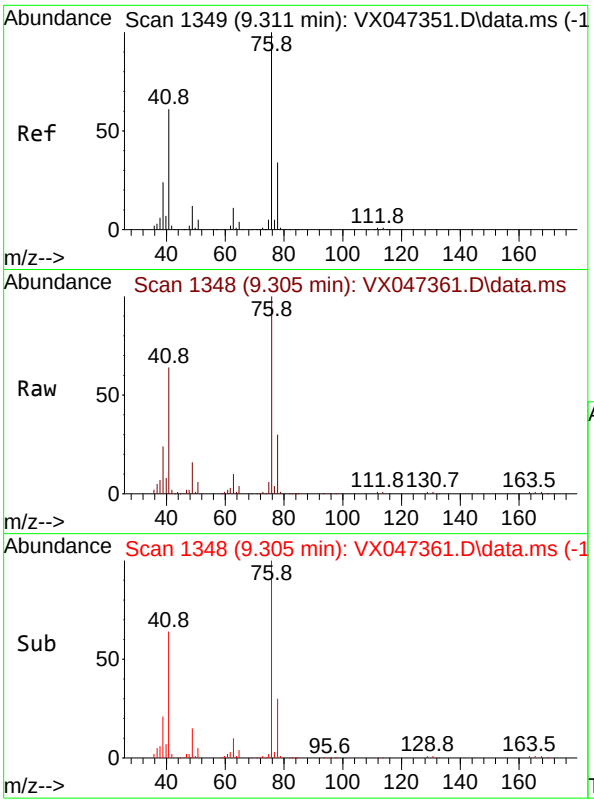


#56
Ethyl methacrylate
Concen: 17.550 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 69 Resp: 74839

Ion	Ratio	Lower	Upper
69	100		
41	71.8	55.3	82.9
39	39.5	30.2	45.2





#57
1,3-Dichloropropane
Concen: 18.278 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 76 Resp: 9008

Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.2	39.2

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

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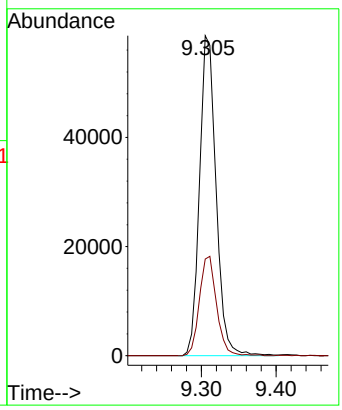
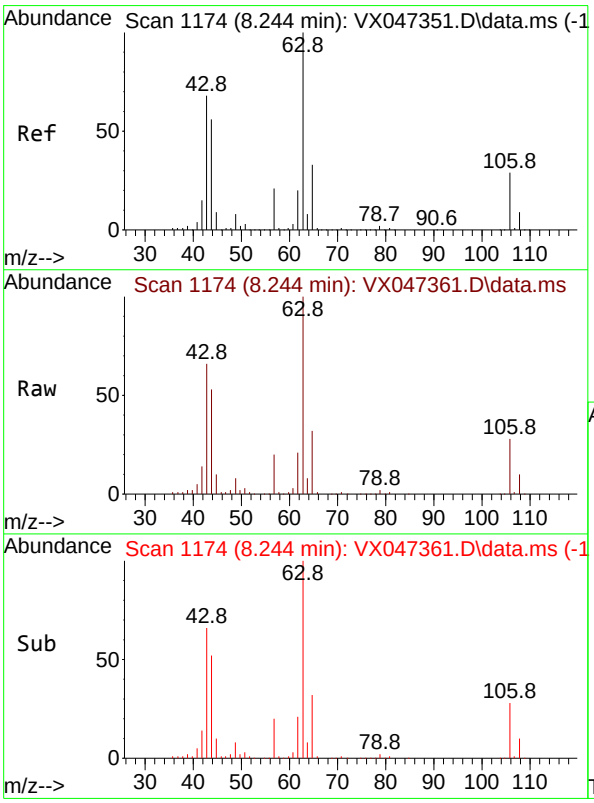
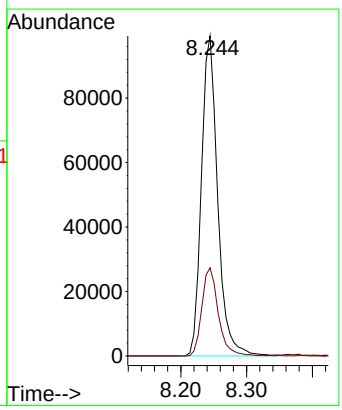


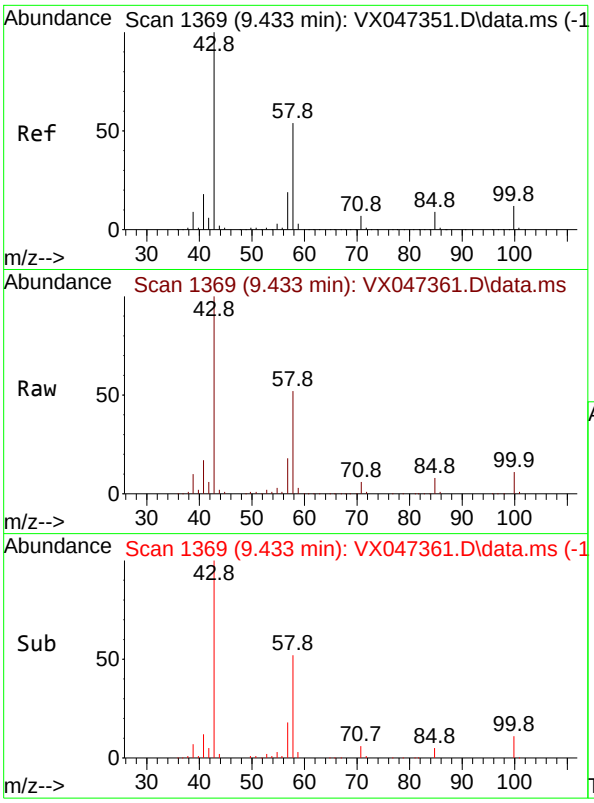


#58
2-Chloroethyl Vinyl ether
Concen: 89.279 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 63 Resp: 170482

Ion	Ratio	Lower	Upper
63	100		
106	28.0	22.8	34.2





#59
2-Hexanone
Concen: 94.047 ug/l
RT: 9.433 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 43 Resp: 22996

Ion	Ratio	Lower	Upper
43	100		
58	52.4	26.9	80.7

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

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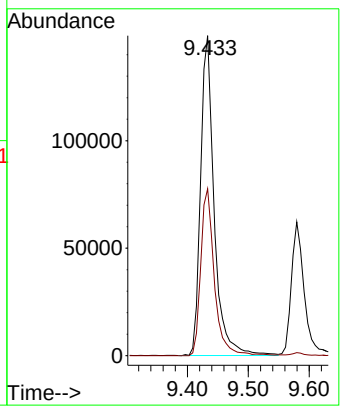
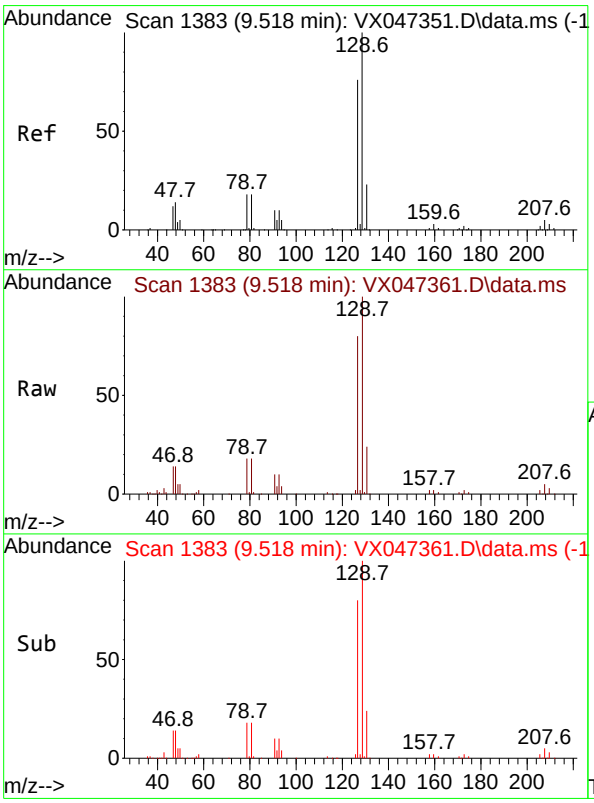
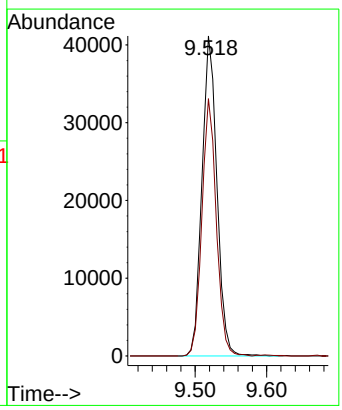


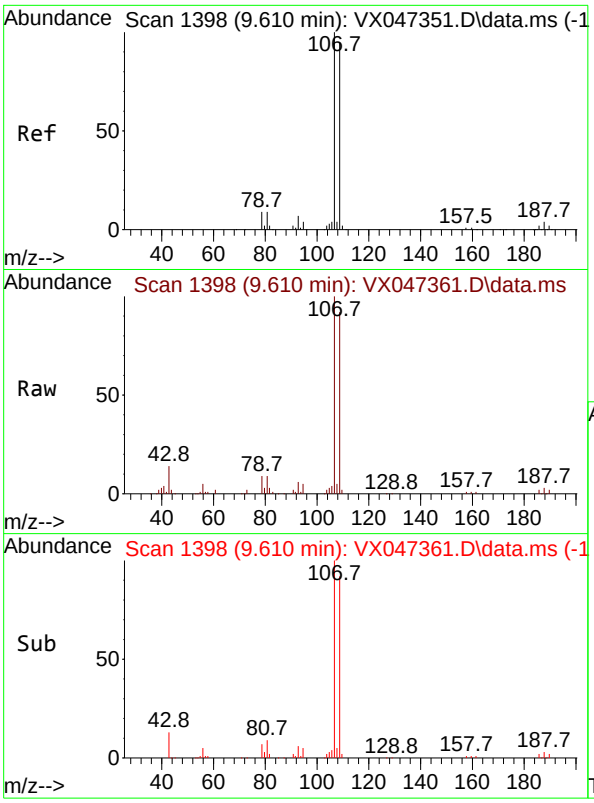


#60
Dibromochloromethane
Concen: 17.385 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion:129 Resp: 59757

Ion	Ratio	Lower	Upper
129	100		
127	77.3	38.9	116.6





#61
1,2-Dibromoethane
Concen: 17.846 ug/l
RT: 9.610 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion:107 Resp: 5322

Ion	Ratio	Lower	Upper
107	100		
109	93.1	76.2	114.2

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

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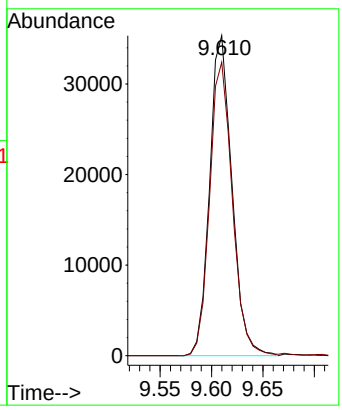
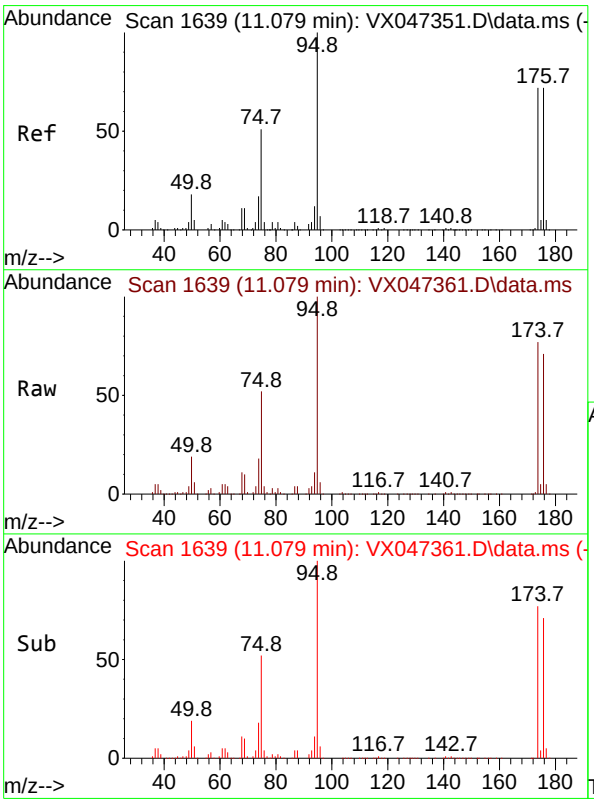
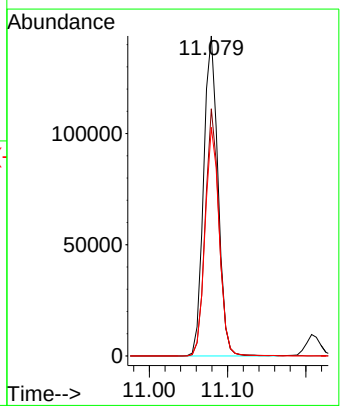


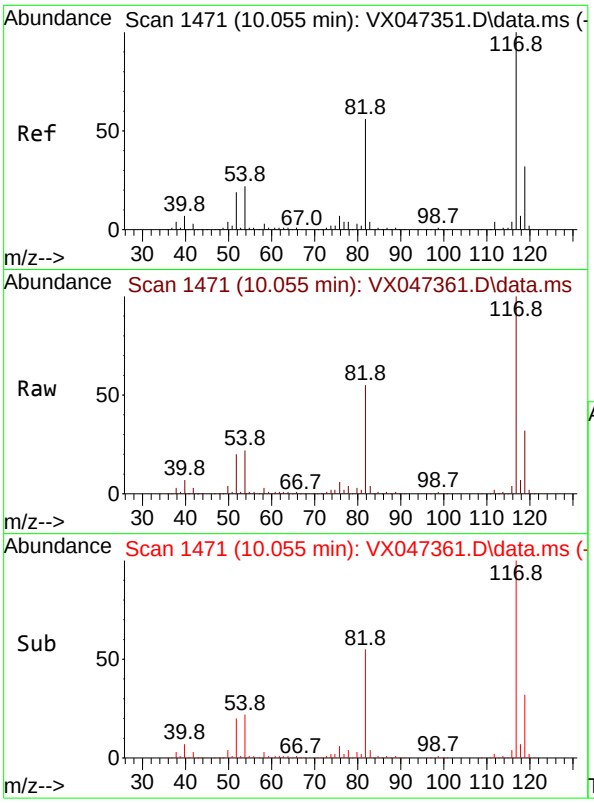


#62
4-Bromofluorobenzene
Concen: 53.292 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 95 Resp: 183400

Ion	Ratio	Lower	Upper
95	100		
174	73.2	0.0	148.0
176	70.6	0.0	145.4

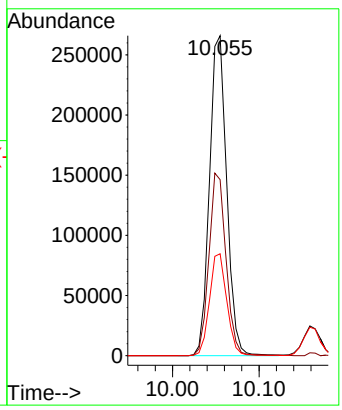




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion:117 Resp: 36662

Ion	Ratio	Lower	Upper
117	100		
82	55.0	45.0	67.4
119	31.9	25.8	38.8



Instrument :
MSVOA_X
ClientSampleId :
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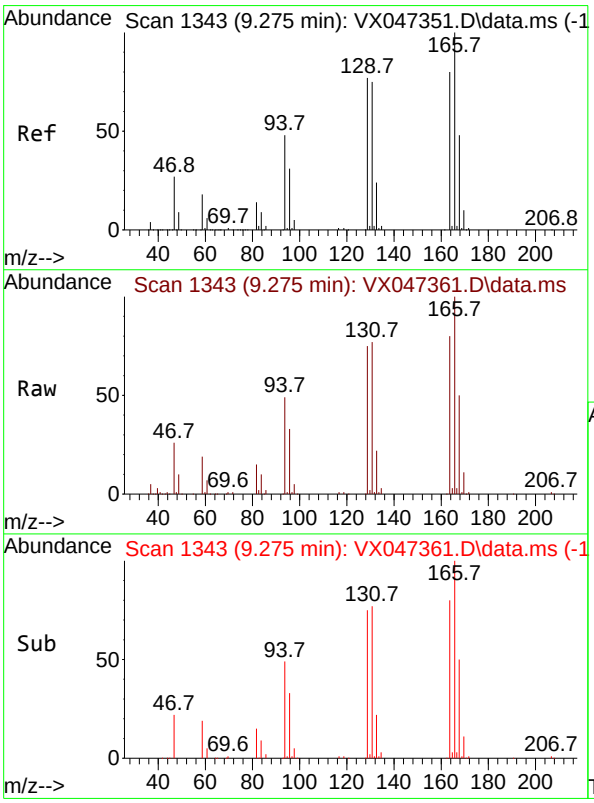
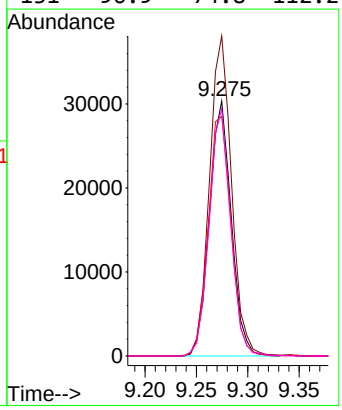
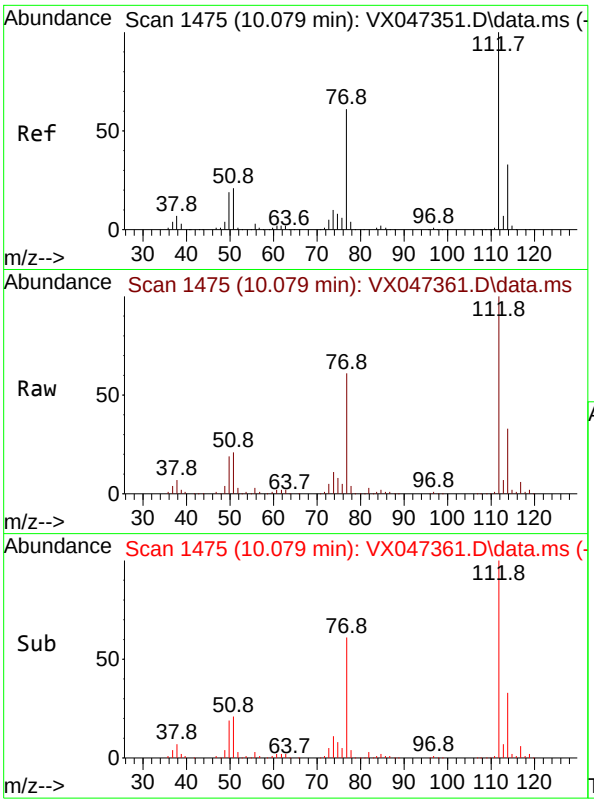


#64
Tetrachloroethene
Concen: 16.897 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion:164 Resp: 44808

Ion	Ratio	Lower	Upper
164	100		
166	125.5	100.3	150.5
129	94.0	77.7	116.5
131	96.9	74.8	112.2





#65
Chlorobenzene
Concen: 17.114 ug/l
RT: 10.079 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion:112 Resp: 14910

Ion	Ratio	Lower	Upper
112	100		
114	32.9	26.4	39.6

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

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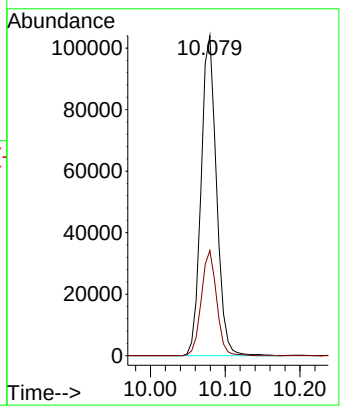
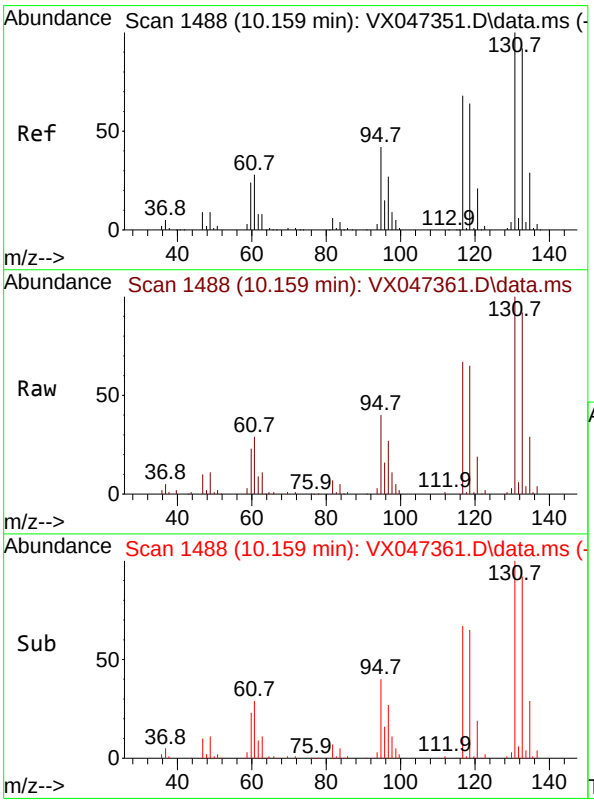
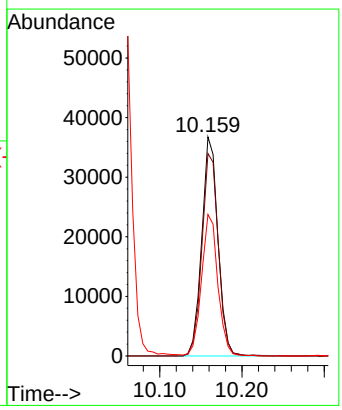


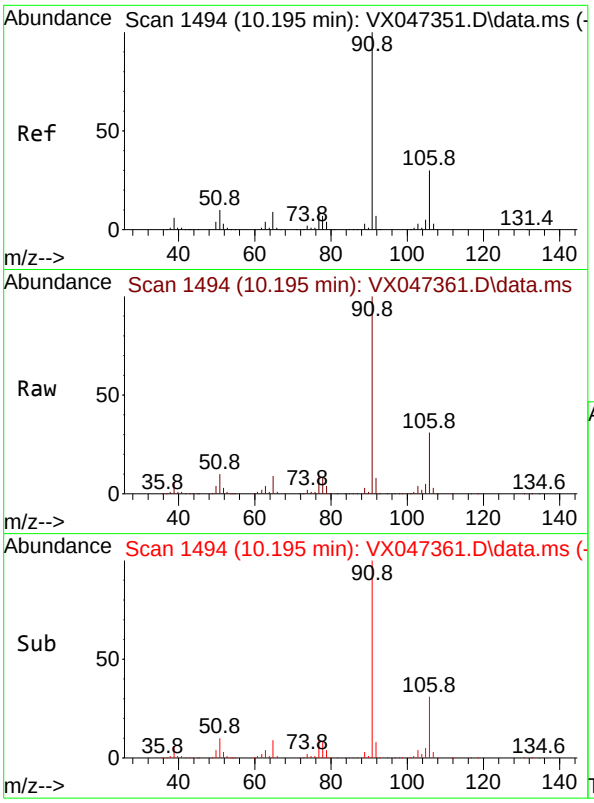


#66
1,1,1,2-Tetrachloroethane
Concen: 17.041 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion:131 Resp: 50188

Ion	Ratio	Lower	Upper
131	100		
133	93.9	47.6	142.9
119	65.1	32.3	96.8

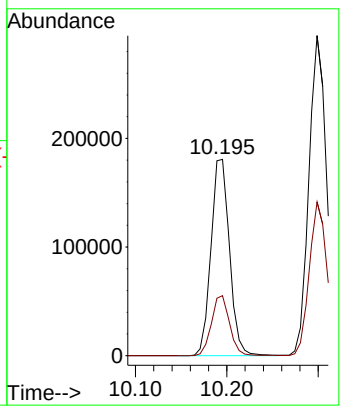




#67
Ethyl Benzene
Concen: 16.958 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 91 Resp: 25429

Ion	Ratio	Lower	Upper
91	100		
106	30.6	24.4	36.6



Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

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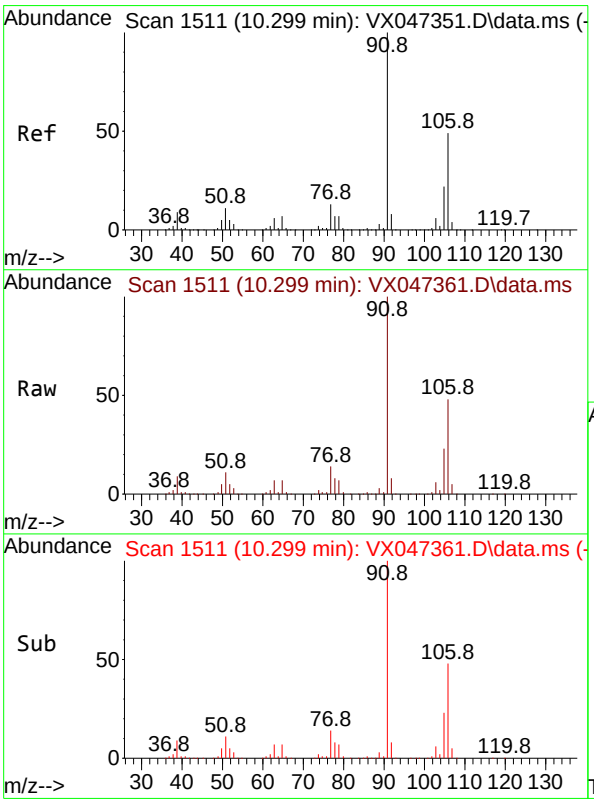
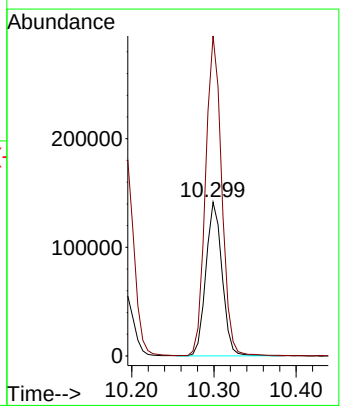
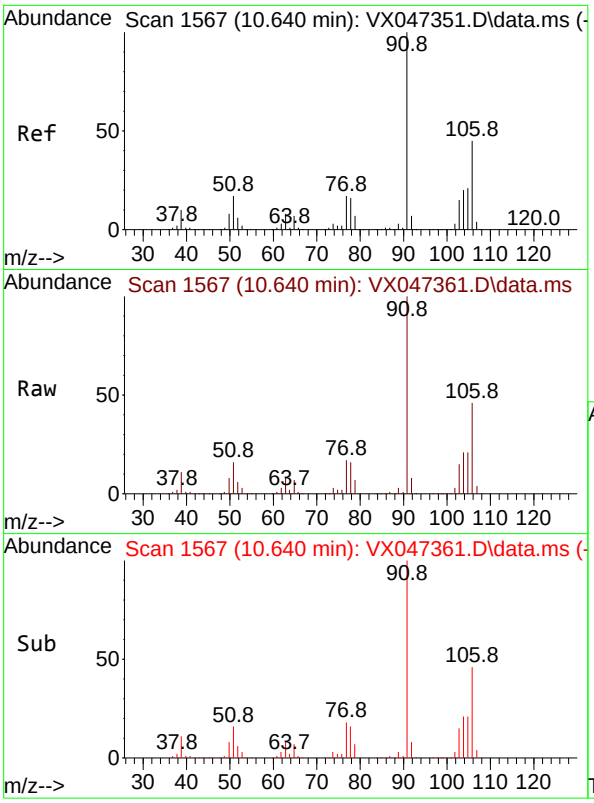


#68
m/p-Xylenes
Concen: 34.534 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion:106 Resp: 193092

Ion	Ratio	Lower	Upper
106	100		
91	208.6	164.7	247.1





#69
o-Xylene
Concen: 17.183 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion:106 Resp: 9246

Ion	Ratio	Lower	Upper
106	100		
91	220.1	110.6	331.8

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Manual Integrations
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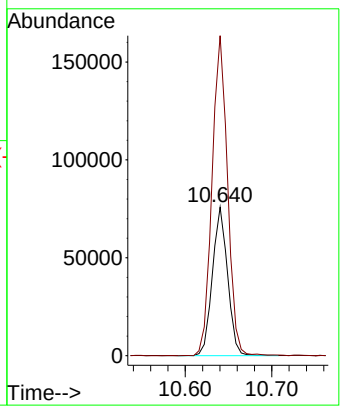
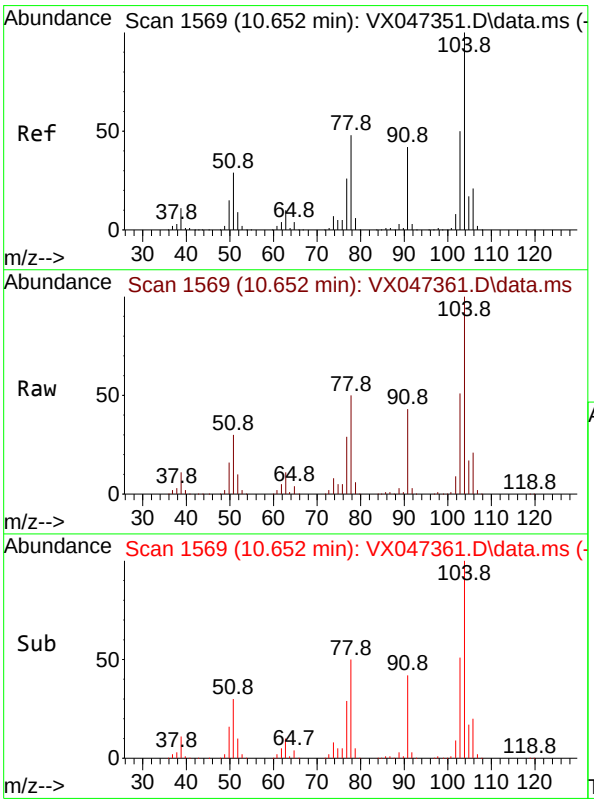
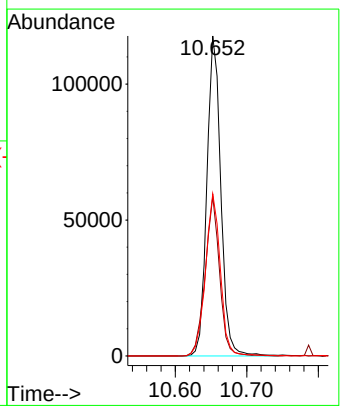


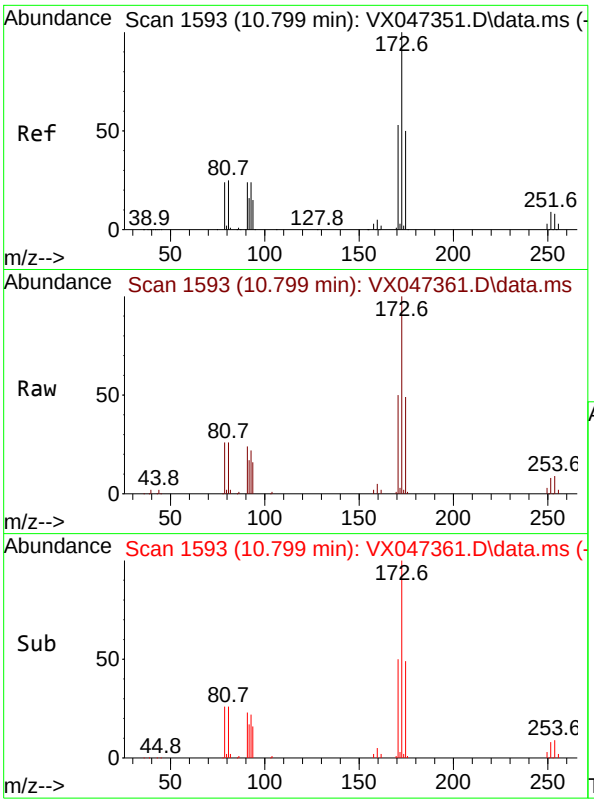


#70
Styrene
Concen: 17.552 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion:104 Resp: 159574

Ion	Ratio	Lower	Upper
104	100		
78	51.6	41.8	62.8
103	54.3	43.6	65.4

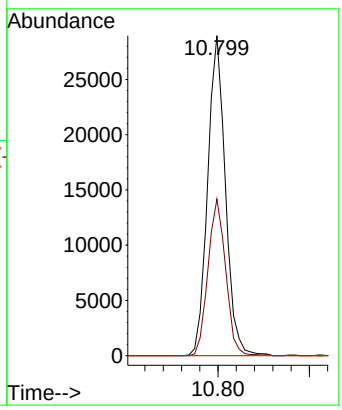




#71
Bromoform
Concen: 17.596 ug/l
RT: 10.799 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion:173 Resp: 3893

Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.4	73.4
254	0.0	0.1	0.1



Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

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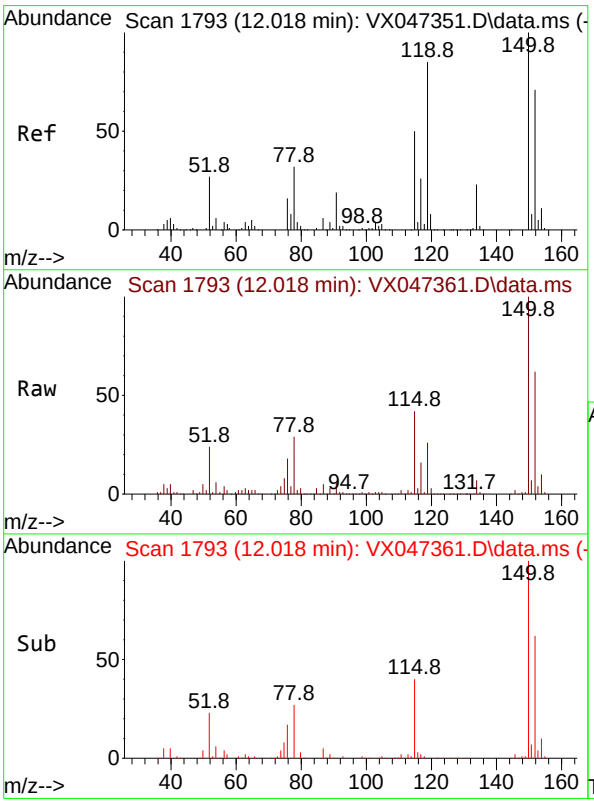
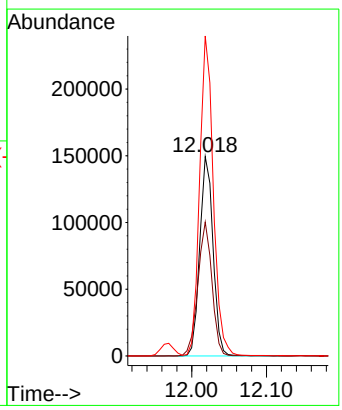
Supervised By :Mahesh Dadoda 08/19/2025

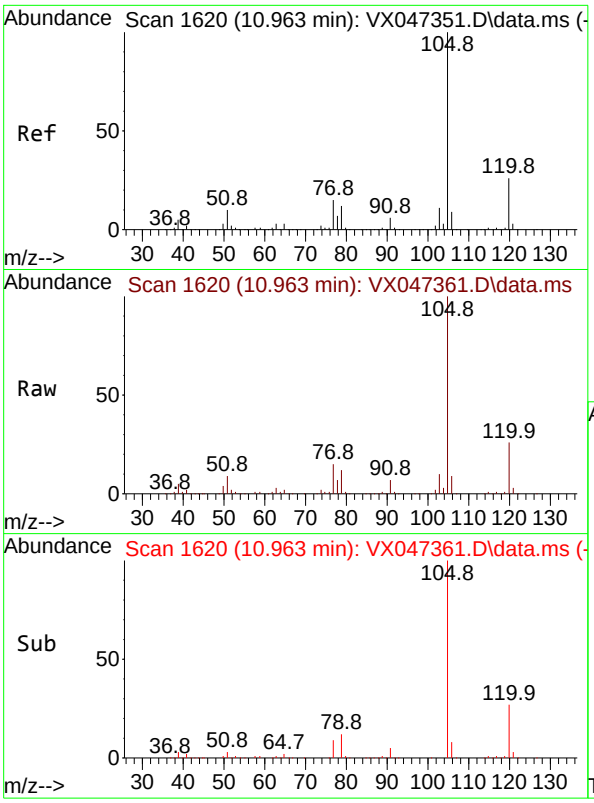


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion:152 Resp: 184649

Ion	Ratio	Lower	Upper
152	100		
115	71.2	44.6	133.8
150	164.7	0.0	349.8

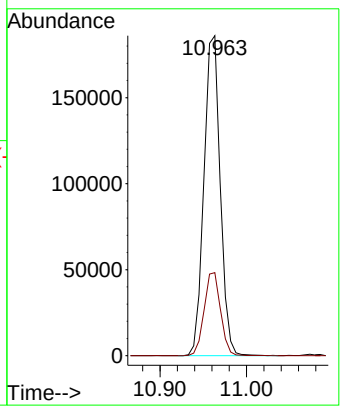




#73
Isopropylbenzene
Concen: 16.831 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion:105 Resp: 24320

Ion	Ratio	Lower	Upper
105	100		
120	26.2	12.9	38.6



Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

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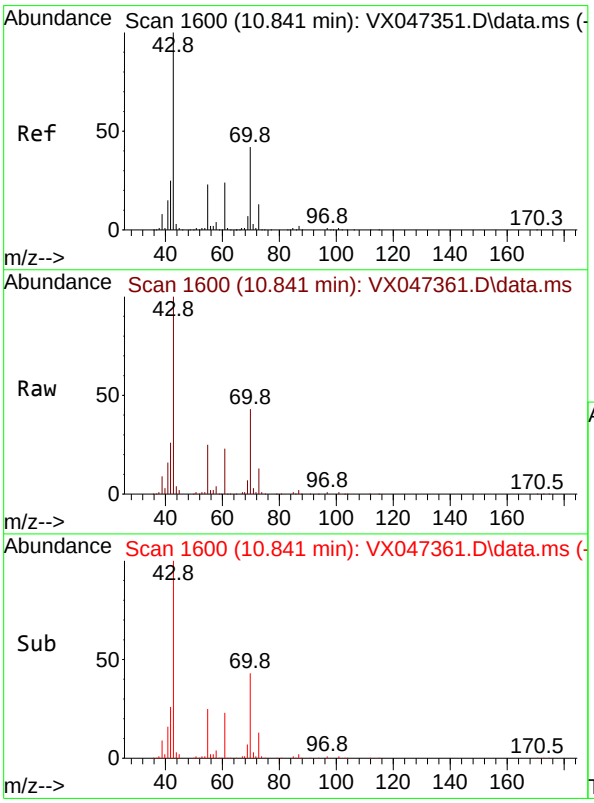
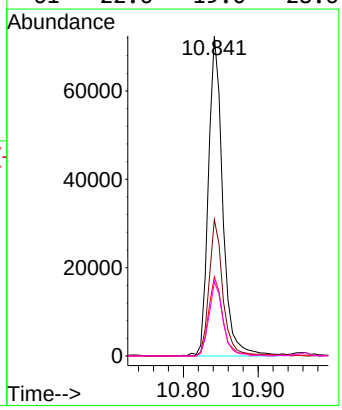
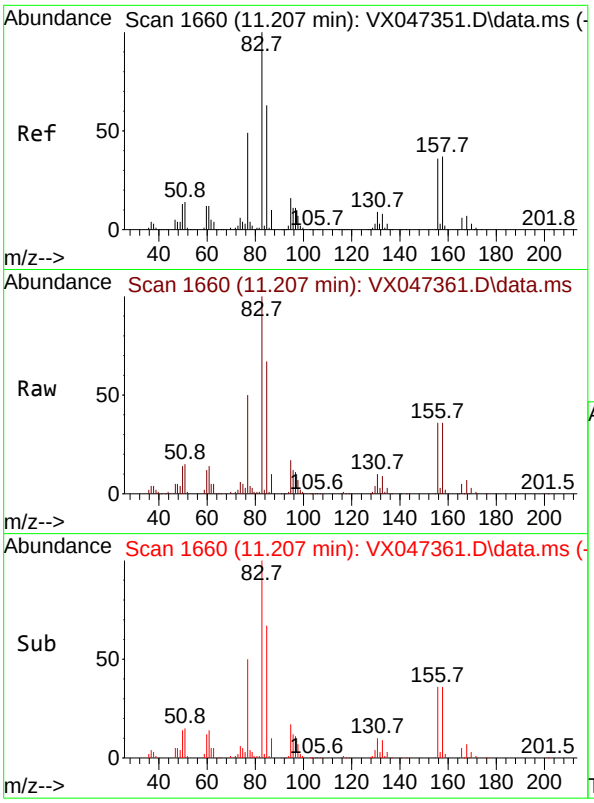


#74
N-amyl acetate
Concen: 17.584 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 43 Resp: 96485

Ion	Ratio	Lower	Upper
43	100		
70	41.2	33.1	49.7
55	24.6	19.0	28.6
61	22.6	19.0	28.6

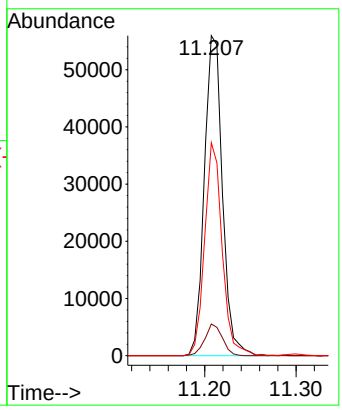




#75
1,1,2,2-Tetrachloroethane
Concen: 18.070 ug/l
RT: 11.207 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 83 Resp: 7666

Ion	Ratio	Lower	Upper
83	100		
131	9.6	5.0	15.0
85	64.5	31.7	95.1



Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

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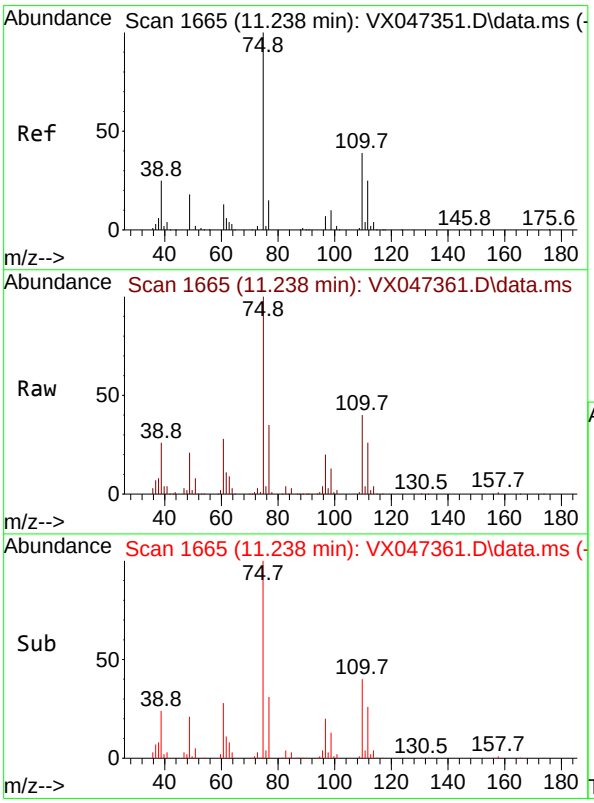
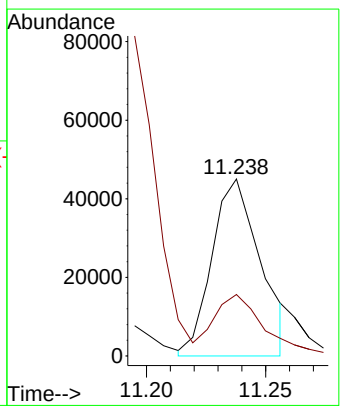
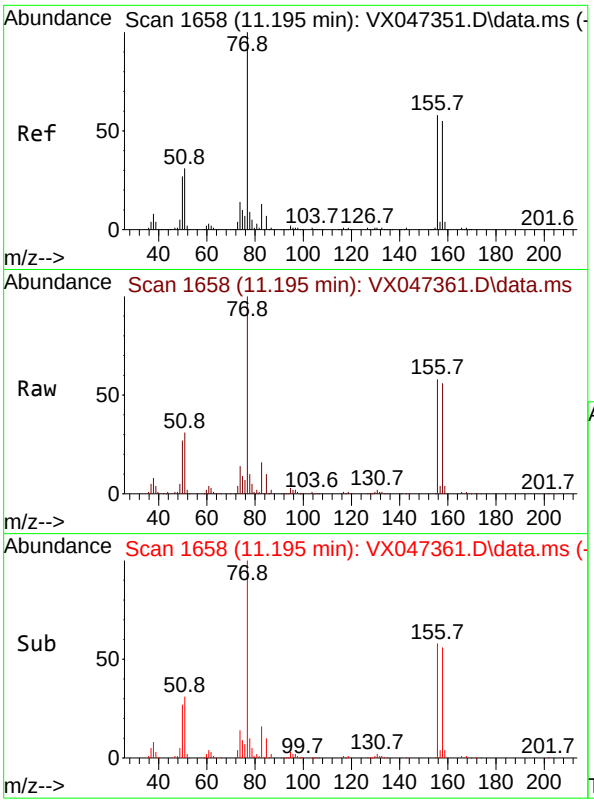


#76
1,2,3-Trichloropropane
Concen: 18.761 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 75 Resp: 63537

Ion	Ratio	Lower	Upper
75	100		
77	36.7	19.4	58.2





#77
Bromobenzene
Concen: 17.292 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion:156 Resp: 6101

Ion	Ratio	Lower	Upper
156	100		
77	171.4	86.3	258.9
158	97.0	48.0	144.2

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

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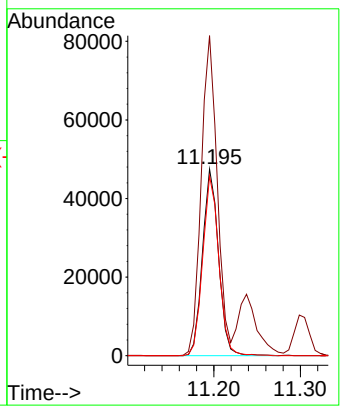
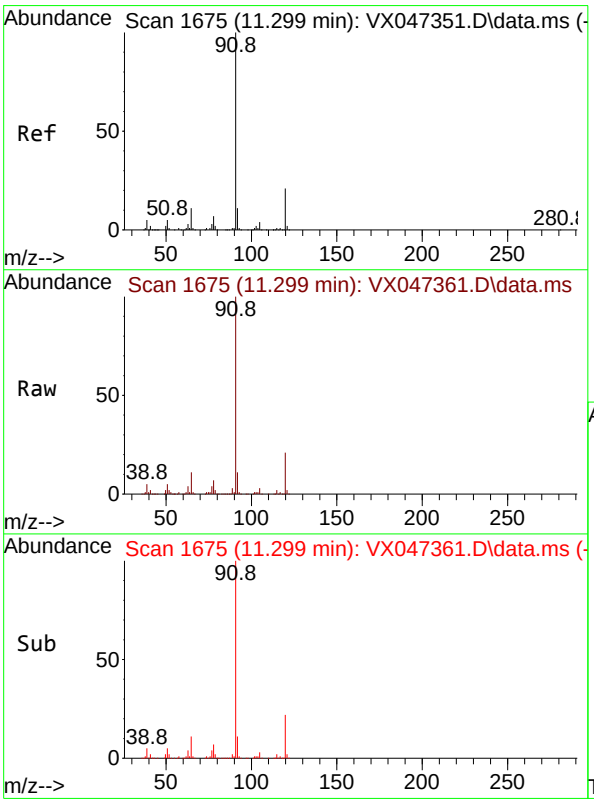
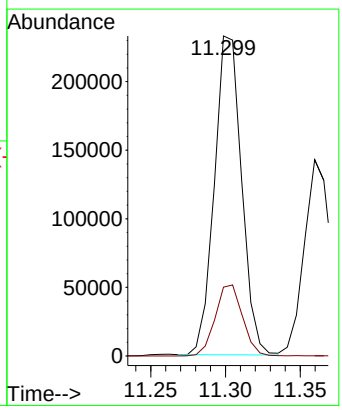


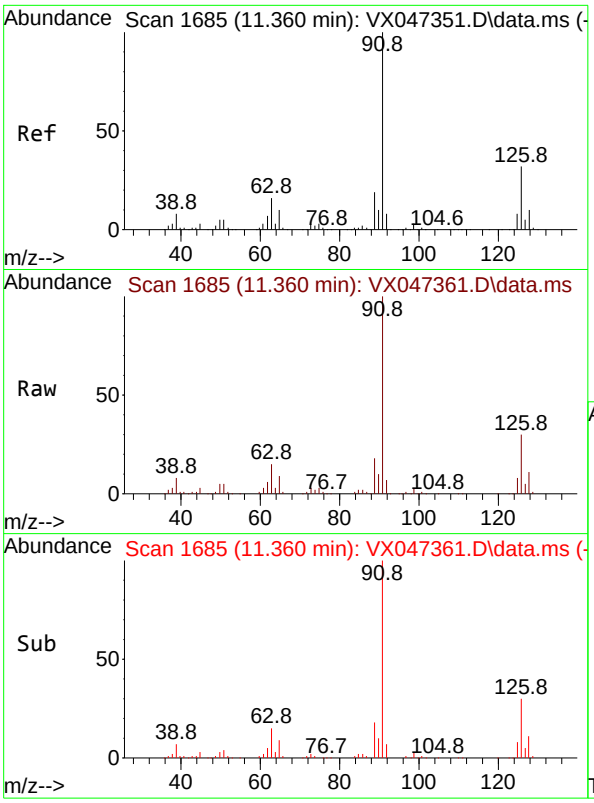


#78
n-propylbenzene
Concen: 17.048 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 91 Resp: 294205

Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.0	33.0





#79
2-Chlorotoluene
Concen: 17.118 ug/l
RT: 11.360 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 91 Resp: 17857

Ion	Ratio	Lower	Upper
91	100		
126	32.3	16.7	50.1

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

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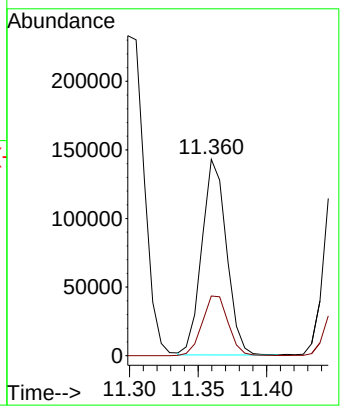
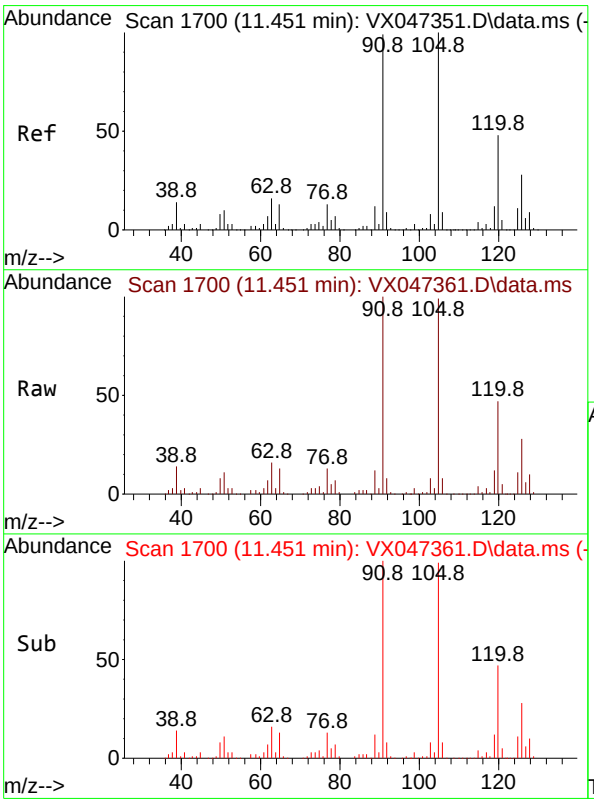
Supervised By :Mahesh Dadoda 08/19/2025

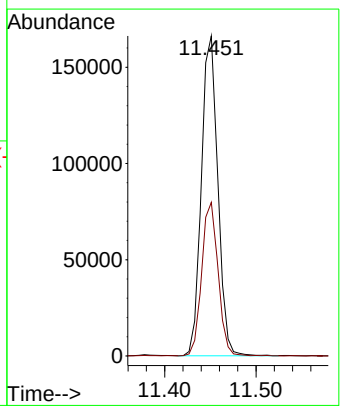


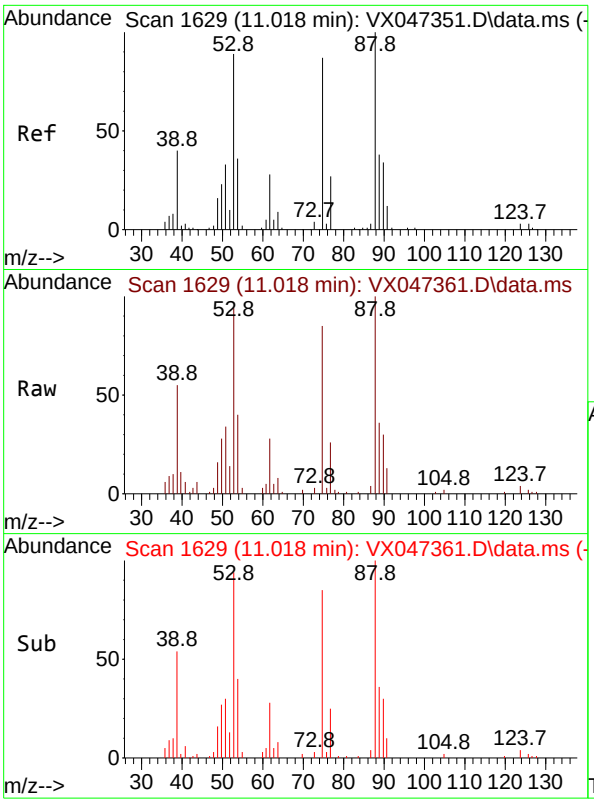


#80
1,3,5-Trimethylbenzene
Concen: 17.421 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion:105 Resp: 207123

Ion	Ratio	Lower	Upper
105	100		
120	48.0	23.9	71.7

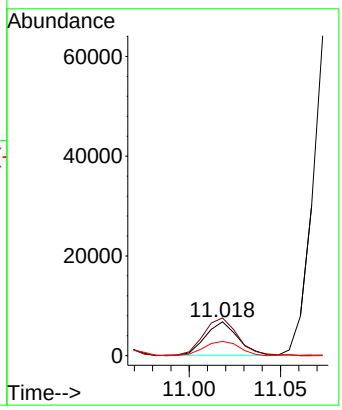




#81
trans-1,4-Dichloro-2-butene
Concen: 16.672 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 75 Resp: 814

Ion	Ratio	Lower	Upper
75	100		
53	123.3	85.2	127.8
89	48.6	36.7	55.1



Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Manual Integrations
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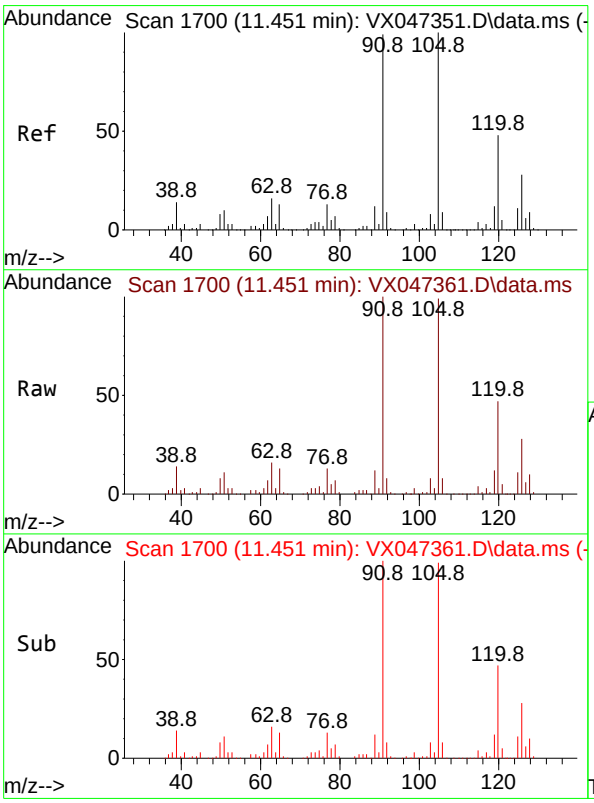
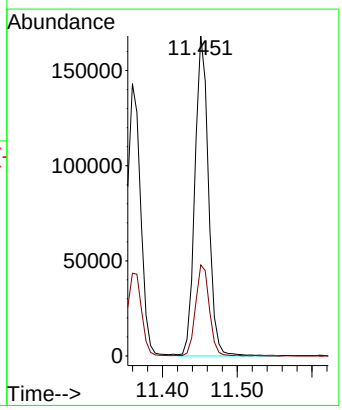
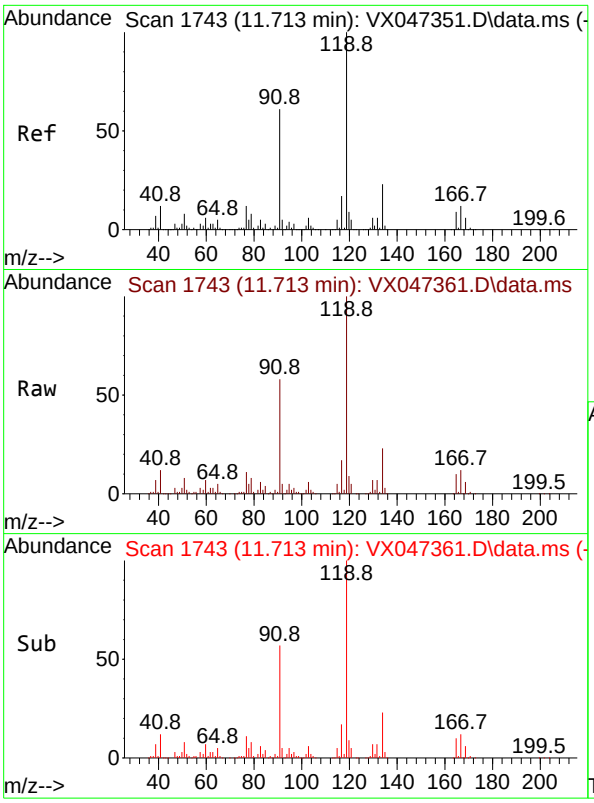


#82
4-Chlorotoluene
Concen: 17.234 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 91 Resp: 211939

Ion	Ratio	Lower	Upper
91	100		
126	28.7	14.4	43.0

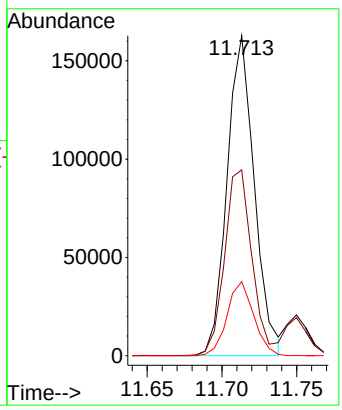




#83
tert-Butylbenzene
Concen: 17.448 ug/l
RT: 11.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion:119 Resp: 20695

Ion	Ratio	Lower	Upper
119	100		
91	57.5	29.1	87.4
134	22.6	11.3	33.9



Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

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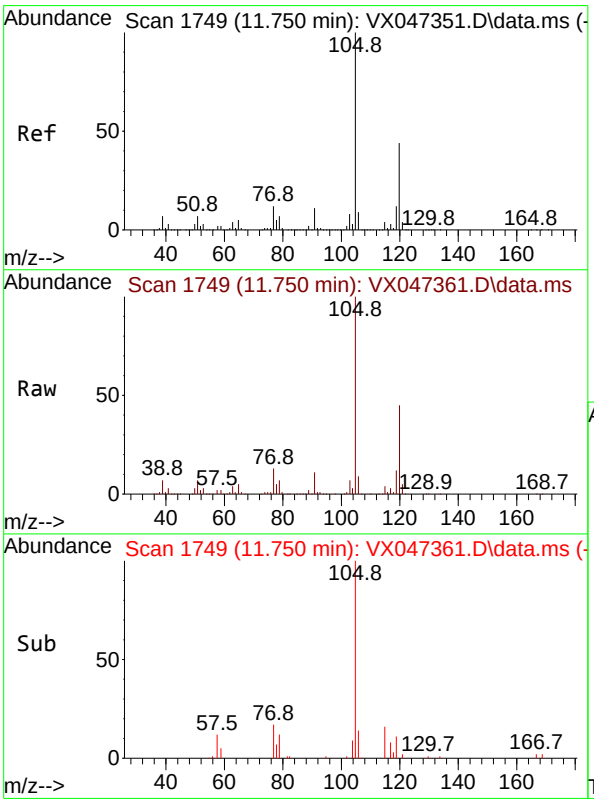
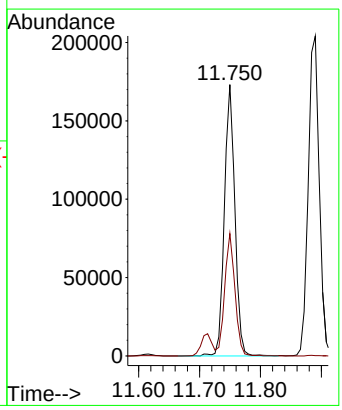
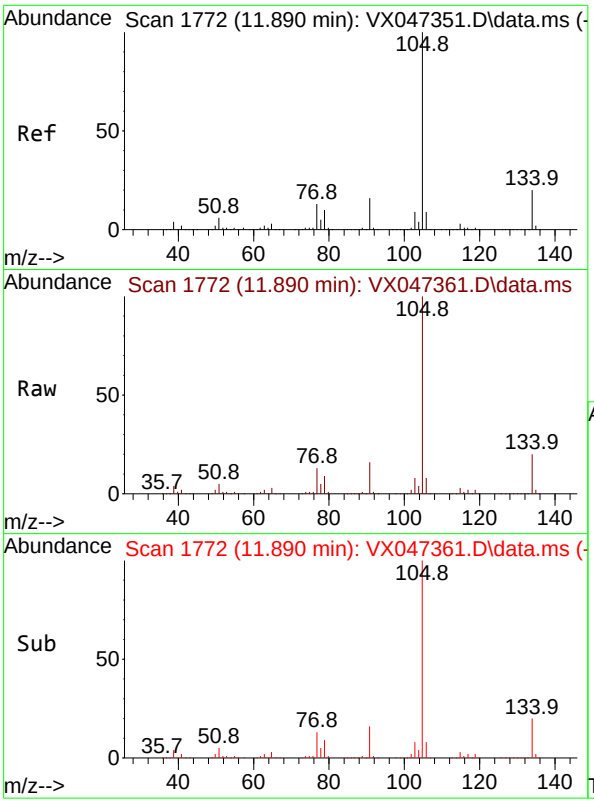


#84
1,2,4-Trimethylbenzene
Concen: 17.483 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion:105 Resp: 207859

Ion	Ratio	Lower	Upper
105	100		
120	44.3	21.9	65.7





#85
sec-Butylbenzene
Concen: 17.381 ug/l
RT: 11.890 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion:105 Resp: 25553

Ion	Ratio	Lower	Upper
105	100		
134	19.2	9.8	29.5

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Manual Integrations
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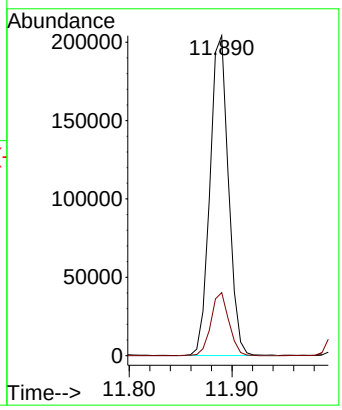
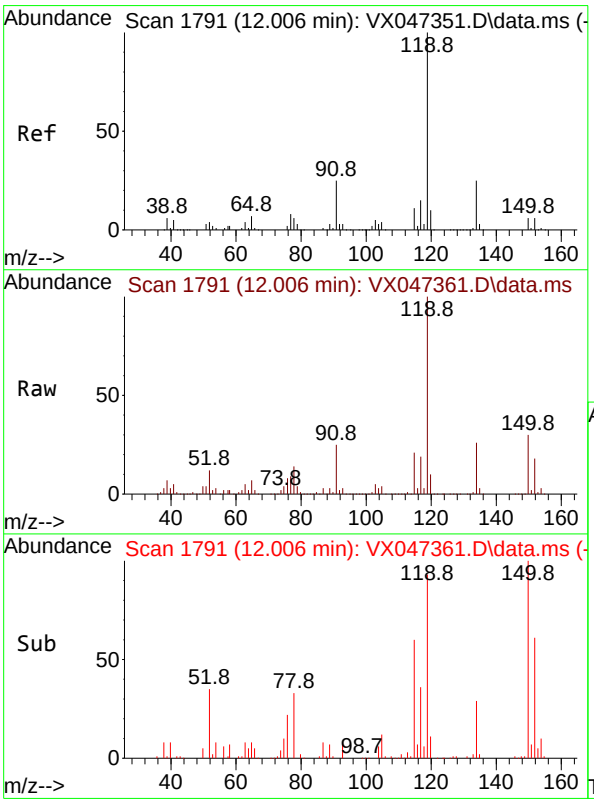
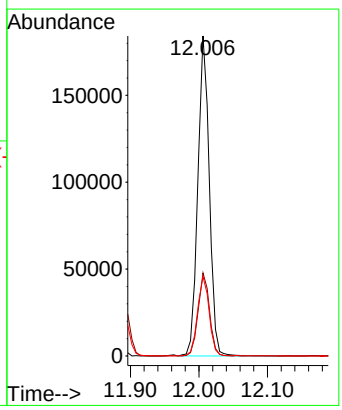


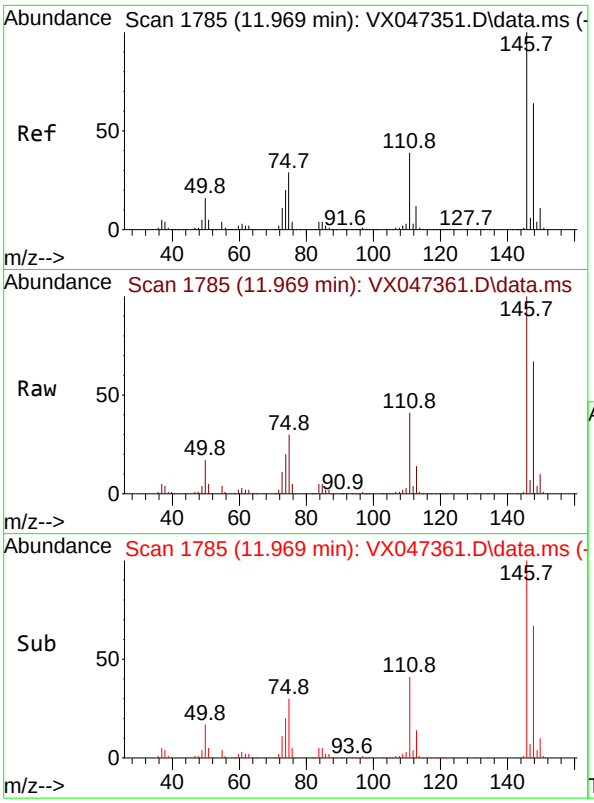


#86
p-Isopropyltoluene
Concen: 17.254 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion:119 Resp: 214649

Ion	Ratio	Lower	Upper
119	100		
134	25.9	12.8	38.4
91	25.2	12.4	37.4

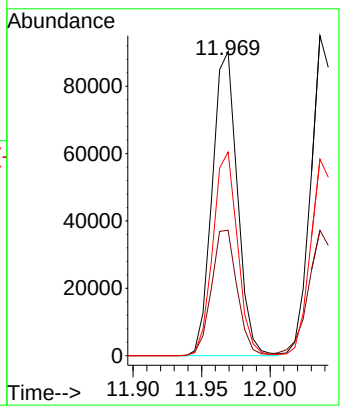




#87
1,3-Dichlorobenzene
Concen: 17.083 ug/l
RT: 11.969 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion:146 Resp: 11515

Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.6	61.8
148	65.8	31.9	95.5



Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Manual Integrations
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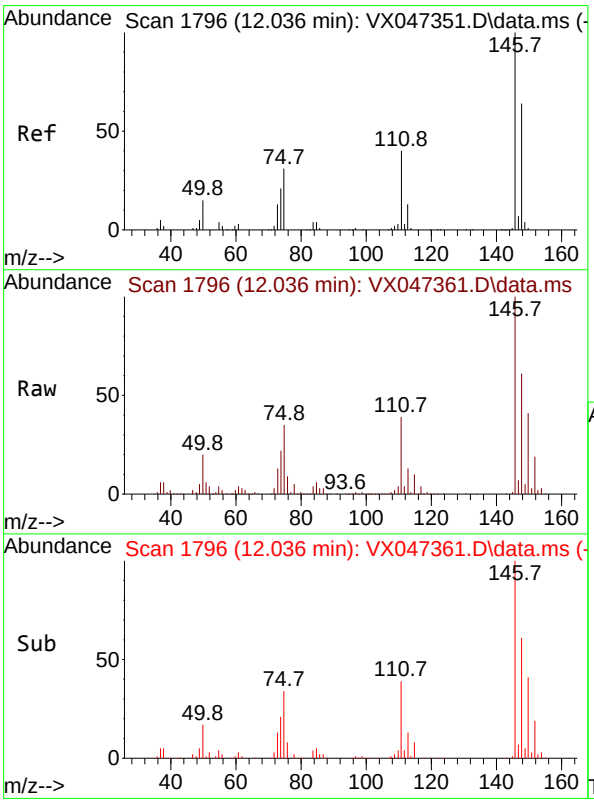
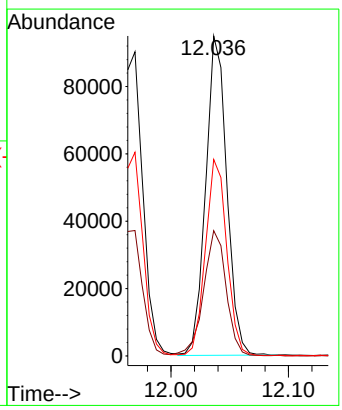
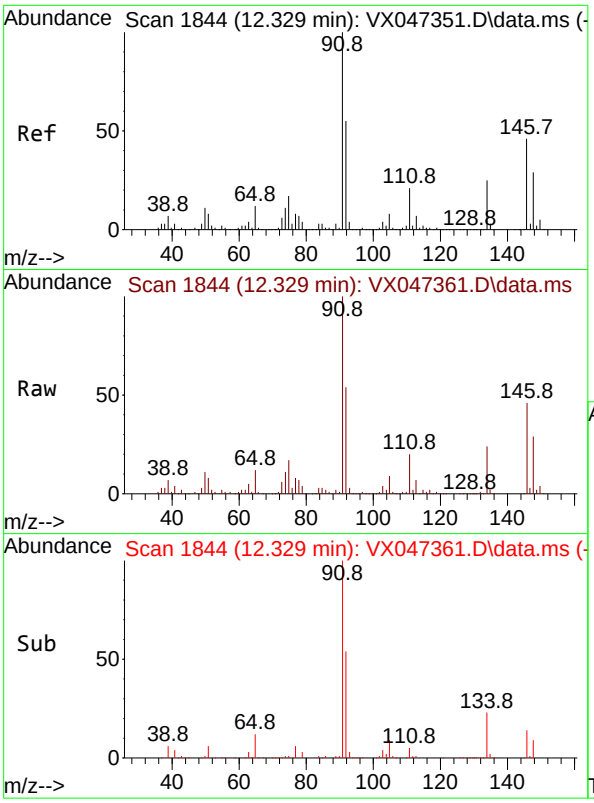


#88
1,4-Dichlorobenzene
Concen: 17.050 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion:146 Resp: 118203

Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.4	61.2
148	62.8	31.7	95.1





#89
n-Butylbenzene
Concen: 17.292 ug/l
RT: 12.329 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

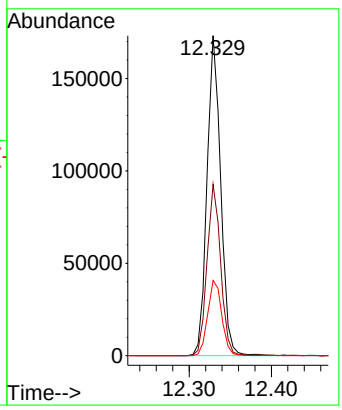
Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

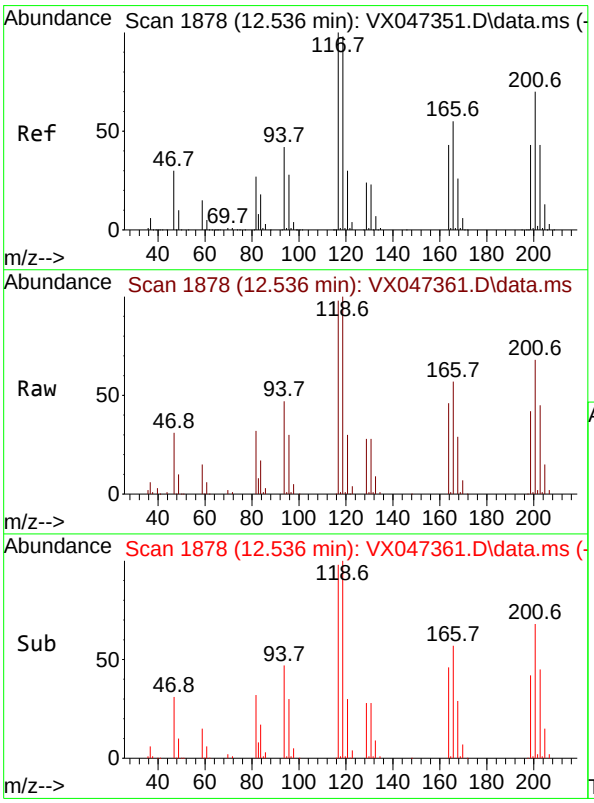
Tgt Ion: 91 Resp: 20008

Ion	Ratio	Lower	Upper
91	100		
92	53.2	27.2	81.5
134	24.2	12.6	37.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

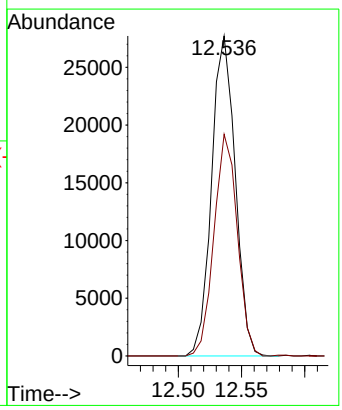


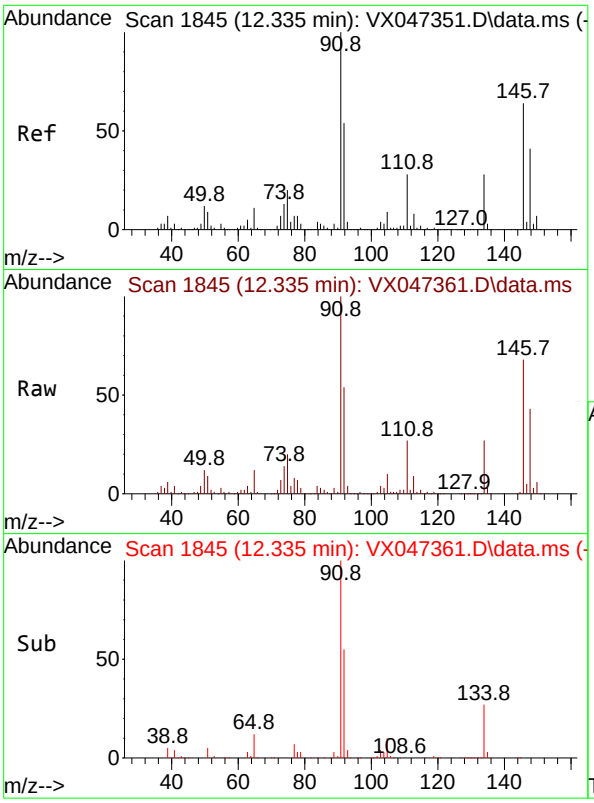


#90
Hexachloroethane
Concen: 16.490 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion:117 Resp: 35990

Ion	Ratio	Lower	Upper
117	100		
201	68.4	35.1	105.3

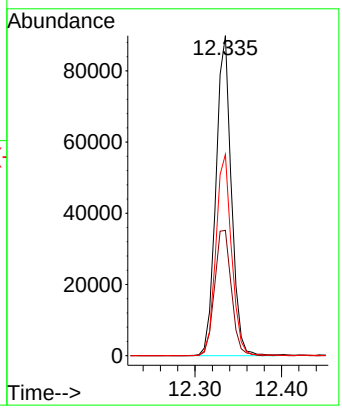




#91
1,2-Dichlorobenzene
Concen: 17.352 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion:146 Resp: 11102

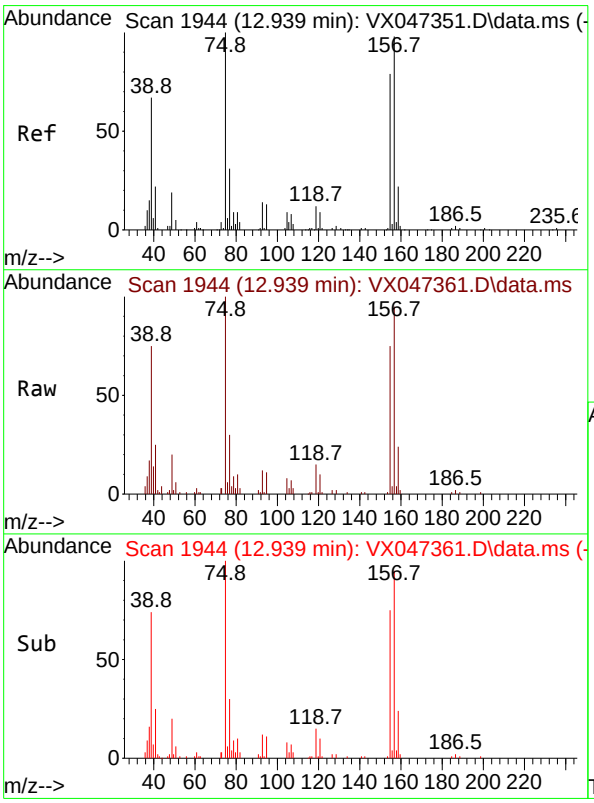
Ion	Ratio	Lower	Upper
146	100		
111	42.6	22.1	66.1
148	64.1	31.9	95.5



Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Manual Integrations
APPROVED

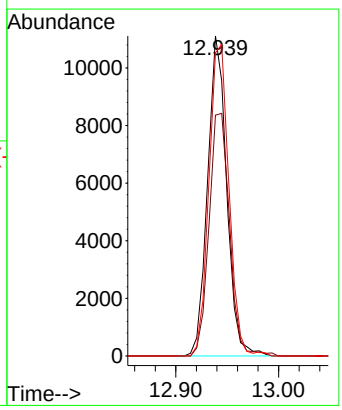
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

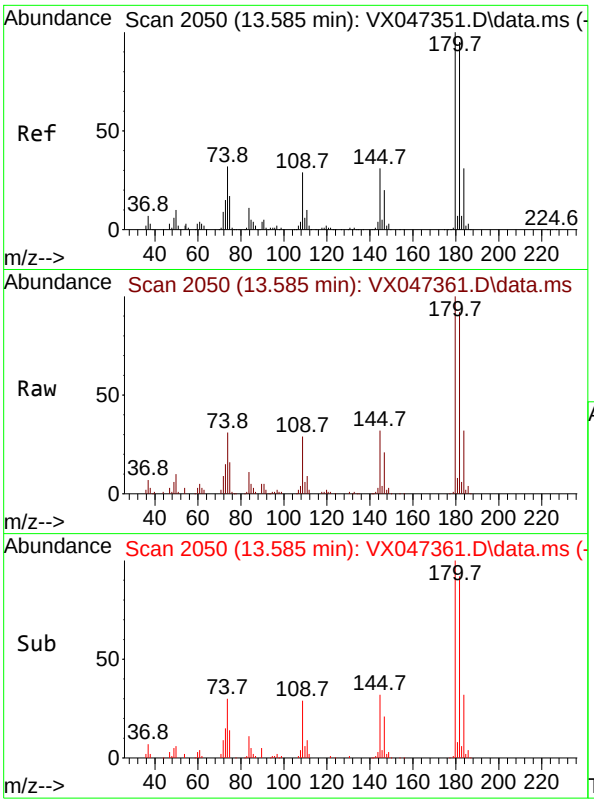


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.494 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 75 Resp: 14353

Ion	Ratio	Lower	Upper
75	100		
155	81.3	41.3	123.7
157	102.0	51.5	154.5





#93
1,2,4-Trichlorobenzene
Concen: 17.239 ug/l
RT: 13.585 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

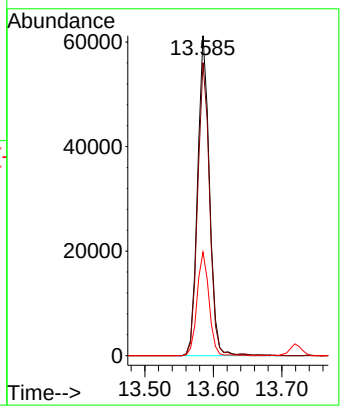
Tgt Ion:180 Resp: 7394

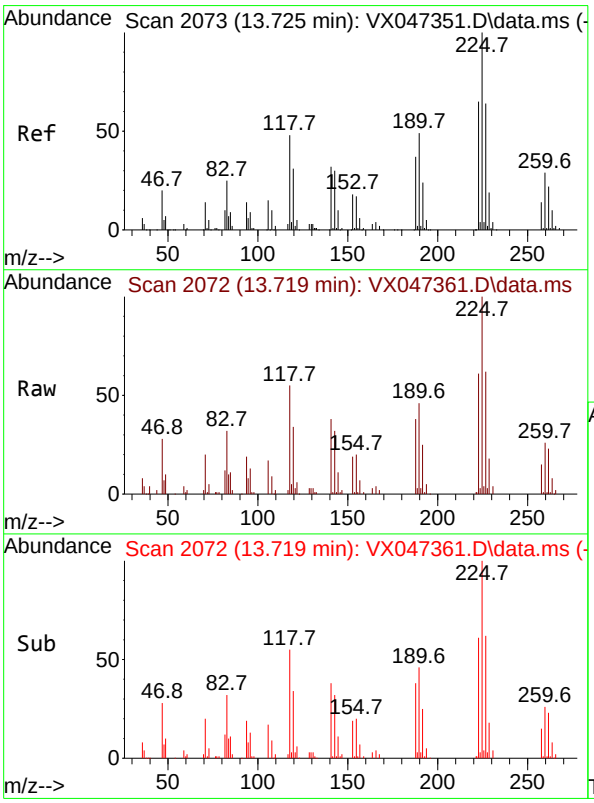
Ion	Ratio	Lower	Upper
180	100		
182	91.7	48.1	144.4
145	32.4	16.2	48.5

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

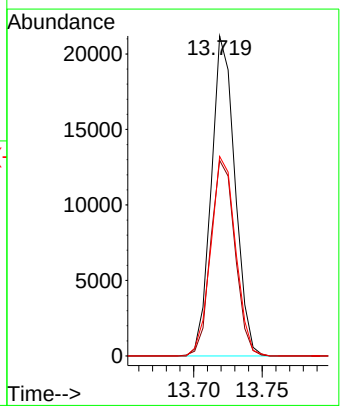


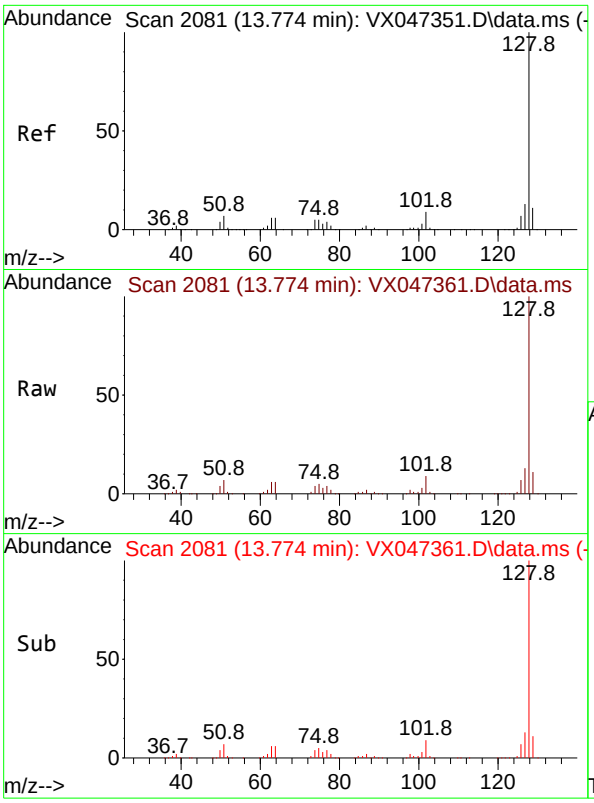


#94
Hexachlorobutadiene
Concen: 16.648 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion:225 Resp: 25418

Ion	Ratio	Lower	Upper
225	100		
223	62.6	32.2	96.6
227	65.0	31.6	95.0

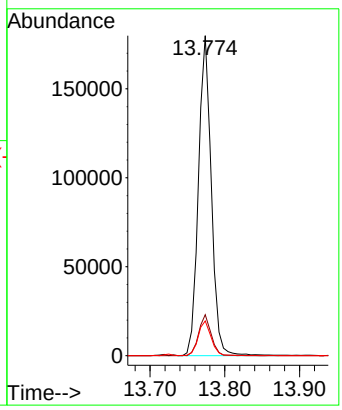




#95
Naphthalene
Concen: 17.545 ug/l
RT: 13.774 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion:128 Resp: 21506

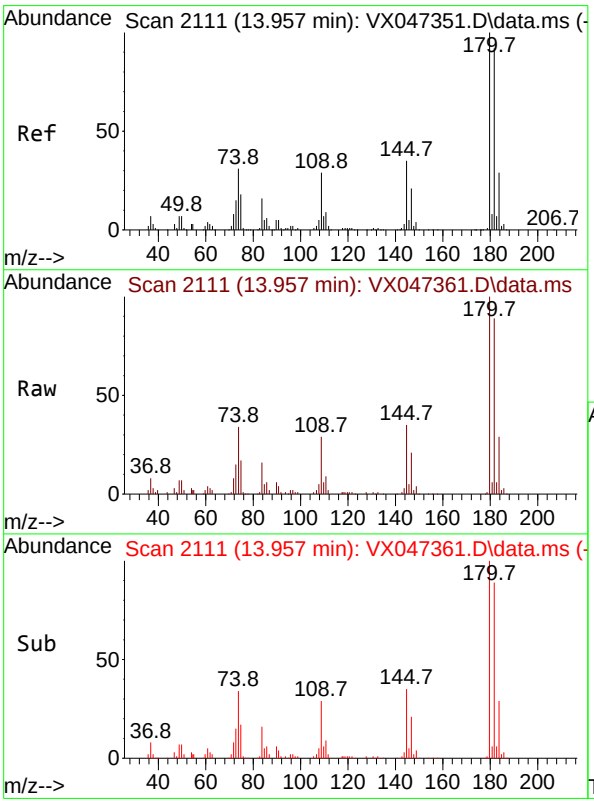
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.1	15.1
129	10.9	8.7	13.1



Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Manual Integrations
APPROVED

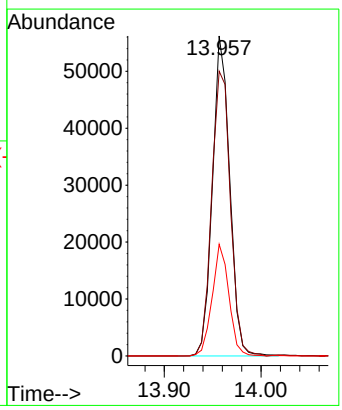
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#96
1,2,3-Trichlorobenzene
Concen: 17.163 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion:180 Resp: 69392

Ion	Ratio	Lower	Upper
180	100		
182	96.8	48.0	144.2
145	33.9	17.4	52.2



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Manual Integration Report

Sequence:	VX081525	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VX047349.D	1,2,3-Trichloropropane	JOHN	8/18/2025 8:37:53 AM	MMDadoda	8/19/2025 1:41:03 AM	Peak Integrated by Software
VSTDICC005	VX047349.D	1,4-Dioxane	JOHN	8/18/2025 8:37:53 AM	MMDadoda	8/19/2025 1:41:03 AM	Peak Integrated by Software
VSTDICC005	VX047349.D	Tetrahydrofuran	JOHN	8/18/2025 8:37:53 AM	MMDadoda	8/19/2025 1:41:03 AM	Peak Integrated by Software
VSTDICC020	VX047350.D	1,2,3-Trichloropropane	JOHN	8/18/2025 8:37:58 AM	MMDadoda	8/19/2025 1:41:04 AM	Peak Integrated by Software
VSTDICC020	VX047350.D	1,4-Dioxane	JOHN	8/18/2025 8:37:58 AM	MMDadoda	8/19/2025 1:41:04 AM	Peak Integrated by Software
VSTDICCC050	VX047351.D	1,2,3-Trichloropropane	JOHN	8/18/2025 8:42:59 AM	MMDadoda	8/19/2025 1:41:07 AM	Peak Integrated by Software
VSTDICC100	VX047352.D	1,2,3-Trichloropropane	JOHN	8/18/2025 8:43:03 AM	MMDadoda	8/19/2025 1:41:08 AM	Peak Integrated by Software
VSTDICC150	VX047353.D	1,2,3-Trichloropropane	JOHN	8/18/2025 8:43:07 AM	MMDadoda	8/19/2025 1:41:10 AM	Peak Integrated by Software
VSTDICC001	VX047356.D	1,2,3-Trichloropropane	JOHN	8/18/2025 8:43:18 AM	MMDadoda	8/19/2025 1:41:24 AM	Peak Integrated by Software
VSTDICC001	VX047356.D	1,4-Dichlorobenzene	JOHN	8/18/2025 8:43:18 AM	MMDadoda	8/19/2025 1:41:24 AM	Peak Integrated by Software
VSTDICC001	VX047356.D	1,4-Dioxane	JOHN	8/18/2025 8:43:18 AM	MMDadoda	8/19/2025 1:41:24 AM	Peak Integrated by Software
VSTDICC001	VX047356.D	Allyl chloride	JOHN	8/18/2025 8:43:18 AM	MMDadoda	8/19/2025 1:41:24 AM	Peak Integrated by Software
VSTDICC001	VX047356.D	Ethyl Acetate	JOHN	8/18/2025 8:43:18 AM	MMDadoda	8/19/2025 1:41:24 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX081525	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VX047356.D	Methacrylonitrile	JOHN	8/18/2025 8:43:18 AM	MMDadoda	8/19/2025 1:41:24 AM	Peak Integrated by Software
VSTDICC001	VX047356.D	Methyl methacrylate	JOHN	8/18/2025 8:43:18 AM	MMDadoda	8/19/2025 1:41:24 AM	Peak Integrated by Software
VSTDICC001	VX047356.D	Tetrahydrofuran	JOHN	8/18/2025 8:43:18 AM	MMDadoda	8/19/2025 1:41:24 AM	Peak Integrated by Software
VSTDICV050	VX047357.D	1,2,3-Trichloropropane	JOHN	8/18/2025 8:43:25 AM	MMDadoda	8/19/2025 1:41:26 AM	Peak Integrated by Software
VSTDICV050	VX047357.D	1,4-Dioxane	JOHN	8/18/2025 8:43:25 AM	MMDadoda	8/19/2025 1:41:26 AM	Peak Integrated by Software
VX0815WBS01	VX047360.D	1,2,3-Trichloropropane	JOHN	8/18/2025 8:43:29 AM	MMDadoda	8/19/2025 1:41:28 AM	Peak Integrated by Software
VX0815WBS01	VX047360.D	1,4-Dioxane	JOHN	8/18/2025 8:43:29 AM	MMDadoda	8/19/2025 1:41:28 AM	Peak Integrated by Software
VX0815WBSD01	VX047361.D	1,2,3-Trichloropropane	JOHN	8/18/2025 8:43:33 AM	MMDadoda	8/19/2025 1:41:29 AM	Peak Integrated by Software
VSTDCCC050	VX047369.D	1,2,3-Trichloropropane	JOHN	8/18/2025 8:43:44 AM	MMDadoda	8/19/2025 1:41:35 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX081825	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX047371.D	1,2,3-Trichloropropane	JOHN	8/19/2025 8:32:41 AM	MMDadoda	8/20/2025 8:55:45 AM	Peak Integrated by Software
VX0818WBS01	VX047374.D	1,2,3-Trichloropropane	JOHN	8/19/2025 8:32:46 AM	MMDadoda	8/20/2025 8:55:47 AM	Peak Integrated by Software
VSTDCCC050	VX047398.D	1,2,3-Trichloropropane	JOHN	8/19/2025 8:34:00 AM	MMDadoda	8/20/2025 8:55:56 AM	Peak Integrated by Software

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX081525

Review By	John Carlone	Review On	8/18/2025 8:45:53 AM		
Supervise By	Mahesh Dadoda	Supervise On	8/19/2025 1:41:47 AM		
SubDirectory	VX081525	HP Acquire Method		HP Processing Method	82X081525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135148
Initial Calibration Stds	VP135153,VP135154,VP135155,VP135156,VP135157,VP135158
CCC	VP135152
Internal Standard/PEM	
ICV/I.BLK	VP135159
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr #	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX047347.D	15 Aug 2025 08:28	JC/MD	Ok
2	VSTDICC001	VX047348.D	15 Aug 2025 09:18	JC/MD	Not Ok
3	VSTDICC005	VX047349.D	15 Aug 2025 09:40	JC/MD	Ok,M
4	VSTDICC020	VX047350.D	15 Aug 2025 10:01	JC/MD	Ok,M
5	VSTDICCC050	VX047351.D	15 Aug 2025 10:22	JC/MD	Ok,M
6	VSTDICC100	VX047352.D	15 Aug 2025 10:43	JC/MD	Ok,M
7	VSTDICC150	VX047353.D	15 Aug 2025 11:05	JC/MD	Ok,M
8	IBLK	VX047354.D	15 Aug 2025 11:26	JC/MD	Ok
9	VSTDICC001	VX047355.D	15 Aug 2025 12:08	JC/MD	Not Ok
10	VSTDICC001	VX047356.D	15 Aug 2025 12:30	JC/MD	Ok,M
11	VSTDICV050	VX047357.D	15 Aug 2025 13:11	JC/MD	Ok,M
12	VX0815WBL01	VX047358.D	15 Aug 2025 13:39	JC/MD	Ok
13	VX0815MBL01	VX047359.D	15 Aug 2025 14:00	JC/MD	Ok
14	VX0815WBS01	VX047360.D	15 Aug 2025 14:21	JC/MD	Ok,M
15	VX0815WBSD01	VX047361.D	15 Aug 2025 14:49	JC/MD	Ok,M
16	Q2880-01	VX047362.D	15 Aug 2025 15:10	JC/MD	Ok
17	Q2880-02	VX047363.D	15 Aug 2025 15:32	JC/MD	Ok
18	Q2880-03	VX047364.D	15 Aug 2025 15:53	JC/MD	Ok
19	Q2880-04	VX047365.D	15 Aug 2025 16:15	JC/MD	Ok
20	Q2886-01	VX047366.D	15 Aug 2025 16:36	JC/MD	Ok
21	Q2886-02	VX047367.D	15 Aug 2025 16:58	JC/MD	ReRun

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX081525

Review By	John Carlone	Review On	8/18/2025 8:45:53 AM		
Supervise By	Mahesh Dadoda	Supervise On	8/19/2025 1:41:47 AM		
SubDirectory	VX081525	HP Acquire Method		HP Processing Method	82X081525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135148
Initial Calibration Stds	VP135153,VP135154,VP135155,VP135156,VP135157,VP135158
CCC	VP135152
Internal Standard/PEM	
ICV/I.BLK	VP135159
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2837-01	VX047368.D	15 Aug 2025 17:19	JC/MD	Ok,M
23	VSTDCCC050	VX047369.D	15 Aug 2025 17:41	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX081825

Review By	John Carlone	Review On	8/19/2025 8:39:16 AM		
Supervise By	Mahesh Dadoda	Supervise On	8/20/2025 8:56:26 AM		
SubDirectory	VX081825	HP Acquire Method		HP Processing Method	82X081525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135163
Initial Calibration Stds	
CCC	VP135164,VP135165
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr #	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX047370.D	18 Aug 2025 09:32	JC/MD	Ok
2	VSTDCCC050	VX047371.D	18 Aug 2025 10:00	JC/MD	Ok,M
3	VX0818MBL01	VX047372.D	18 Aug 2025 10:28	JC/MD	Ok
4	VX0818WBL01	VX047373.D	18 Aug 2025 11:50	JC/MD	Ok
5	VX0818WBS01	VX047374.D	18 Aug 2025 12:17	JC/MD	Ok,M
6	VX0818WBSD01	VX047375.D	18 Aug 2025 12:44	JC/MD	Ok,M
7	Q2886-02	VX047376.D	18 Aug 2025 13:06	JC/MD	Ok
8	Q2815-01	VX047377.D	18 Aug 2025 13:27	JC/MD	Ok
9	Q2815-02	VX047378.D	18 Aug 2025 13:48	JC/MD	Ok
10	Q2815-03	VX047379.D	18 Aug 2025 14:10	JC/MD	Ok
11	Q2815-04	VX047380.D	18 Aug 2025 14:31	JC/MD	Ok
12	Q2815-05	VX047381.D	18 Aug 2025 14:53	JC/MD	Ok
13	Q2815-06RE	VX047382.D	18 Aug 2025 15:14	JC/MD	Confirms
14	Q2815-08	VX047383.D	18 Aug 2025 15:35	JC/MD	Ok
15	Q2815-09	VX047384.D	18 Aug 2025 15:57	JC/MD	Ok
16	Q2815-10	VX047385.D	18 Aug 2025 16:18	JC/MD	Ok
17	Q2815-11	VX047386.D	18 Aug 2025 16:40	JC/MD	ReRun
18	Q2815-12	VX047387.D	18 Aug 2025 17:01	JC/MD	ReRun
19	Q2815-13	VX047388.D	18 Aug 2025 17:22	JC/MD	Ok
20	Q2815-14	VX047389.D	18 Aug 2025 17:44	JC/MD	Ok
21	Q2815-15	VX047390.D	18 Aug 2025 18:05	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX081825

Review By	John Carlone	Review On	8/19/2025 8:39:16 AM		
Supervise By	Mahesh Dadoda	Supervise On	8/20/2025 8:56:26 AM		
SubDirectory	VX081825	HP Acquire Method		HP Processing Method	82X081525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135163
Initial Calibration Stds	
CCC	VP135164,VP135165
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2815-16	VX047391.D	18 Aug 2025 18:27	JC/MD	ReRun
23	Q2815-17	VX047392.D	18 Aug 2025 18:48	JC/MD	Ok
24	PB169277TB	VX047393.D	18 Aug 2025 19:10	JC/MD	Ok,M
25	Q2875-01	VX047394.D	18 Aug 2025 19:31	JC/MD	Ok,M
26	Q2875-02	VX047395.D	18 Aug 2025 19:52	JC/MD	Ok,M
27	Q2884-04	VX047396.D	18 Aug 2025 20:14	JC/MD	Ok,M
28	Q2888-02	VX047397.D	18 Aug 2025 20:35	JC/MD	Ok,M
29	VSTDCCC050	VX047398.D	18 Aug 2025 20:57	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 # VX081525

Review By	John Carlone	Review On	8/18/2025 8:45:53 AM		
Supervise By	Mahesh Dadoda	Supervise On	8/19/2025 1:41:47 AM		
SubDirectory	VX081525	HP Acquire Method		HP Processing Method	82X081525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135148
Initial Calibration Stds	VP135153,VP135154,VP135155,VP135156,VP135157,VP135158
CCC	VP135152
Internal Standard/PEM	
ICV/I.BLK	VP135159
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr #	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX047347.D	15 Aug 2025 08:28		JC/MD	Ok
2	VSTDICC001	VSTDICC001	VX047348.D	15 Aug 2025 09:18	Not used	JC/MD	Not Ok
3	VSTDICC005	VSTDICC005	VX047349.D	15 Aug 2025 09:40	LR-58,81	JC/MD	Ok,M
4	VSTDICC020	VSTDICC020	VX047350.D	15 Aug 2025 10:01		JC/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VX047351.D	15 Aug 2025 10:22		JC/MD	Ok,M
6	VSTDICC100	VSTDICC100	VX047352.D	15 Aug 2025 10:43		JC/MD	Ok,M
7	VSTDICC150	VSTDICC150	VX047353.D	15 Aug 2025 11:05		JC/MD	Ok,M
8	IBLK	IBLK	VX047354.D	15 Aug 2025 11:26		JC/MD	Ok
9	VSTDICC001	VSTDICC001	VX047355.D	15 Aug 2025 12:08	Not used	JC/MD	Not Ok
10	VSTDICC001	VSTDICC001	VX047356.D	15 Aug 2025 12:30		JC/MD	Ok,M
11	VSTDICV050	ICVVX081525	VX047357.D	15 Aug 2025 13:11		JC/MD	Ok,M
12	VX0815WBL01	VX0815WBL01	VX047358.D	15 Aug 2025 13:39		JC/MD	Ok
13	VX0815MBL01	VX0815MBL01	VX047359.D	15 Aug 2025 14:00		JC/MD	Ok
14	VX0815WBS01	VX0815WBS01	VX047360.D	15 Aug 2025 14:21		JC/MD	Ok,M
15	VX0815WBSD01	VX0815WBSD01	VX047361.D	15 Aug 2025 14:49		JC/MD	Ok,M
16	Q2880-01	STORAGE-BLANK-SO	VX047362.D	15 Aug 2025 15:10	vial A pH<2	JC/MD	Ok
17	Q2880-02	STORAGE-BLANK-WA	VX047363.D	15 Aug 2025 15:32	vial A pH<2	JC/MD	Ok
18	Q2880-03	STORAGE-BLANK-WA	VX047364.D	15 Aug 2025 15:53	vial A pH<2	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX081525

Review By	John Carlone	Review On	8/18/2025 8:45:53 AM		
Supervise By	Mahesh Dadoda	Supervise On	8/19/2025 1:41:47 AM		
SubDirectory	VX081525	HP Acquire Method		HP Processing Method	82X081525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135148
Initial Calibration Stds	VP135153,VP135154,VP135155,VP135156,VP135157,VP135158
CCC	VP135152
Internal Standard/PEM	
ICV/I.BLK	VP135159
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2880-04	STORAGE-BLANK-SAI	VX047365.D	15 Aug 2025 16:15	vial A pH<2	JC/MD	Ok
20	Q2886-01	BP-TT182D-TB-202508	VX047366.D	15 Aug 2025 16:36	vial A pH<2	JC/MD	Ok
21	Q2886-02	BP-TT182D-GW-20250	VX047367.D	15 Aug 2025 16:58	vial A pH<2 Surrogate Fail	JC/MD	ReRun
22	Q2837-01	TW-WTS-13	VX047368.D	15 Aug 2025 17:19	vial B pH<2	JC/MD	Ok,M
23	VSTDCCC050	VSTDCCC050EC	VX047369.D	15 Aug 2025 17:41		JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX081825

Review By	John Carlone	Review On	8/19/2025 8:39:16 AM		
Supervise By	Mahesh Dadoda	Supervise On	8/20/2025 8:56:26 AM		
SubDirectory	VX081825	HP Acquire Method		HP Processing Method	82X081525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135163
Initial Calibration Stds	
CCC	VP135164,VP135165
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	VX047370.D	18 Aug 2025 09:32		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX047371.D	18 Aug 2025 10:00	pH#Lot#V12668	JC/MD	Ok,M
3	VX0818MBL01	VX0818MBL01	VX047372.D	18 Aug 2025 10:28		JC/MD	Ok
4	VX0818WBL01	VX0818WBL01	VX047373.D	18 Aug 2025 11:50		JC/MD	Ok
5	VX0818WBS01	VX0818WBS01	VX047374.D	18 Aug 2025 12:17		JC/MD	Ok,M
6	VX0818WBSD01	VX0818WBSD01	VX047375.D	18 Aug 2025 12:44		JC/MD	Ok,M
7	Q2886-02	BP-TT182D-GW-20250	VX047376.D	18 Aug 2025 13:06	vial B pH<2	JC/MD	Ok
8	Q2815-01	TW-705R-S	VX047377.D	18 Aug 2025 13:27	vial B pH<2	JC/MD	Ok
9	Q2815-02	TW-10PC-W	VX047378.D	18 Aug 2025 13:48	vial B pH<2	JC/MD	Ok
10	Q2815-03	TW-10P-E	VX047379.D	18 Aug 2025 14:10	vial B pH<2	JC/MD	Ok
11	Q2815-04	TW-10P-S	VX047380.D	18 Aug 2025 14:31	vial B pH<2	JC/MD	Ok
12	Q2815-05	TW-10P-W	VX047381.D	18 Aug 2025 14:53	vial B pH<2	JC/MD	Ok
13	Q2815-06RE	TW-10P-NRE	VX047382.D	18 Aug 2025 15:14	vial B pH<2 Surrogate fail	JC/MD	Confirms
14	Q2815-08	TW-88H-N	VX047383.D	18 Aug 2025 15:35	vial B pH<2	JC/MD	Ok
15	Q2815-09	TW-88H-W	VX047384.D	18 Aug 2025 15:57	vial B pH<2	JC/MD	Ok
16	Q2815-10	TW-88H-S	VX047385.D	18 Aug 2025 16:18	vial B pH<2	JC/MD	Ok
17	Q2815-11	TW-22M-W	VX047386.D	18 Aug 2025 16:40	vial A pH<2 Surrogate fail	JC/MD	ReRun
18	Q2815-12	TW-22M-S	VX047387.D	18 Aug 2025 17:01	vial A pH<2 Surrogate fail	JC/MD	ReRun

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX081825

Review By	John Carlone	Review On	8/19/2025 8:39:16 AM		
Supervise By	Mahesh Dadoda	Supervise On	8/20/2025 8:56:26 AM		
SubDirectory	VX081825	HP Acquire Method		HP Processing Method	82X081525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135163
Initial Calibration Stds	
CCC	VP135164,VP135165
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2815-13	TW-22M-E	VX047388.D	18 Aug 2025 17:22	vial A pH<2	JC/MD	Ok
20	Q2815-14	TW-22M-N	VX047389.D	18 Aug 2025 17:44	vial A pH<2	JC/MD	Ok
21	Q2815-15	TW-17M-E	VX047390.D	18 Aug 2025 18:05	vial A pH<2	JC/MD	Ok
22	Q2815-16	TW-17M-S	VX047391.D	18 Aug 2025 18:27	vial A pH<2 Surrogate fail	JC/MD	ReRun
23	Q2815-17	TW-84SB-S	VX047392.D	18 Aug 2025 18:48	vial A pH<2	JC/MD	Ok
24	PB169277TB	PB169277TB	VX047393.D	18 Aug 2025 19:10		JC/MD	Ok,M
25	Q2875-01	SAND-BLAST-A	VX047394.D	18 Aug 2025 19:31	vial A pH#5.0	JC/MD	Ok,M
26	Q2875-02	SAND-BLAST-B	VX047395.D	18 Aug 2025 19:52	vial A pH#5.0	JC/MD	Ok,M
27	Q2884-04	302	VX047396.D	18 Aug 2025 20:14	vial A pH#5.0	JC/MD	Ok,M
28	Q2888-02	VNJ-210	VX047397.D	18 Aug 2025 20:35	vial A pH#5.0	JC/MD	Ok,M
29	VSTDCCC050	VSTDCCC050EC	VX047398.D	18 Aug 2025 20:57		JC/MD	Ok,M

M : Manual Integration

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Prep Standard - Chemical Standard Summary

Order ID : Q2886

Test : VOC-TCLVOA-10

Prepbatch ID :

Sequence ID/Qc Batch ID: VX081525,VX081825,

Standard ID :
VP134142,VP134145,VP134149,VP134151,VP134263,VP134742,VP134933,VP134935,VP134956,VP134957,VP135059,VP135061,VP135123,VP135126,VP135129,VP135131,VP135148,VP135152,VP135153,VP135154,VP135155,VP135156,VP135157,VP135158,VP135159,VP135163,VP135164,VP135165,

Chemical ID :
V12968,V13391,V13450,V13583,V13584,V13823,V14129,V14182,V14290,V14444,V14446,V14507,V14508,V14529,V14530,V14625,V14626,V14629,V14636,V14637,V14638,V14639,V14668,V14671,V14673,V14675,V14702,V14705,V14716,V14745,V14751,V14795,V14806,V14807,V14843,V14906,V14921,V14929,V14974,V14996,V15057,V15058,V15059,V15062,V15063,W3112,

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
719	8260 Working STD (BCM)-First source, 400PPM	VP134142	06/06/2025	12/06/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 06/10/2025

FROM 1.00000ml of V14668 + 1.00000ml of V14671 + 1.00000ml of V14673 + 1.00000ml of V14675 + 16.00000ml of V14929 = Final Quantity: 20.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
253	8260 Working STD (BCM)-First source, 20PPM	VP134145	06/06/2025	12/06/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 06/10/2025

FROM 0.50000ml of V14675 + 49.50000ml of V14929 = Final Quantity: 50.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1810	8260 Working Std(2-CVE)-800ppm	VP134149	06/06/2025	12/06/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 06/10/2025

FROM 1.00000ml of V14636 + 1.00000ml of V14637 + 1.00000ml of V14638 + 1.00000ml of V14639 + 46.00000ml of V14929 = Final Quantity: 50.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1812	8260 Working Std(2-CVE)-100ppm	VP134151	06/06/2025	12/06/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 06/10/2025

FROM 0.25000ml of V14639 + 24.75000ml of V14929 = 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
1817	8260 Working Std(2-CVE)-SS, 800ppm	VP134263	06/11/2025	11/12/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 06/12/2025

FROM 0.60000ml of V13584 + 1.00000ml of V13583 + 18.40000ml of V14921 = Final Quantity: 20.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
262	8260 Working STD (BCM)-Second source, 100PPM	VP134742	07/14/2025	01/07/2026	Semsettin Yesilyurt	None	None	Mahesh Dadoda 07/23/2025

FROM 1.00000ml of V12968 + 9.00000ml of V14629 = Final Quantity: 10.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
617	8260 Surrogate, 400PPM	VP134933	07/29/2025	01/29/2026	Semsettin Yesilyurt	None	None	Mahesh Dadoda 08/19/2025

FROM 0.40000ml of V14906 + 24.60000ml of V14625 = Final Quantity: 25.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1738	8260 surrogate 20 ppm	VP134935	07/29/2025	01/29/2026	Semsettin Yesilyurt	None	None	Mahesh Dadoda 08/06/2025

FROM 0.02000ml of V14906 + 24.99000ml of V14625 = Final Quantity: 25.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
247	8260 Internal Standard, 250PPM	VP134956	08/01/2025	11/09/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 08/06/2025

FROM 0.25000ml of V14290 + 24.75000ml of V14626 = Final Quantity: 25.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
218	BFB, 25PPM	VP134957	08/01/2025	11/22/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 08/06/2025

FROM 0.50000ml of V13391 + 49.50000ml of V14625 = Final Quantity: 50.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
257	8260 Calibration Working STD Mix-First source, 160PPM	VP135059	08/11/2025	09/19/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 08/19/2025

FROM 0.40000ml of V14843 + 1.00000ml of V14444 + 1.00000ml of V14446 + 1.00000ml of V14507 + 1.00000ml of V14508 + 1.00000ml of V14529 + 1.00000ml of V14530 + 1.00000ml of V14705 + 1.00000ml of V14745 + 1.00000ml of V14751 + 1.00000ml of V14806 + 1.00000ml of V14807 + 1.50000ml of V14702 + 1.50000ml of V14716 + 10.60000ml of V14625 = Final Quantity: 25.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
245	8260 Calibration Working STD Mix-First source, 20PPM	VP135061	08/11/2025	09/19/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 08/19/2025

FROM 17.50000ml of V14625 + 2.50000ml of VP135059 = Final Quantity: 20.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
259	8260 Calibration Working STD Mix-Second source, 160PPM	VP135123	08/14/2025	09/30/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 08/19/2025

FROM 0.16000ml of V13450 + 0.40000ml of V14996 + 0.80000ml of V13823 + 0.80000ml of V14129 + 0.80000ml of V14182 + 0.80000ml of V14795 + 0.80000ml of V14974 + 4.24000ml of V14625 = Final Quantity: 10.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
263	8260 Working STD (Acrolein)-Second source, 800PPM	VP135126	08/14/2025	09/12/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 08/19/2025

FROM 0.60000ml of V15063 + 1.00000ml of V15062 + 8.40000ml of V14625 = Final Quantity: 10.000 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	VP135129	08/14/2025	09/13/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 08/19/2025

FROM 1.00000ml of V15059 + 1.50000ml of V15057 + 1.50000ml of V15058 + 21.00000ml of V14625 = Final Quantity: 25.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
180	8260 Working STD (Acrolein)-First source, 100PPM	VP135131	08/14/2025	09/13/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 08/19/2025

FROM 17.50000ml of V14625 + 2.50000ml of VP135129 = Final Quantity: 20.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
589	BFB TUNE CHECK	VP135148	08/15/2025	08/16/2025	John Carlone	None	None	Mahesh Dadoda 08/20/2025

FROM 39.98400ml of W3112 + 0.01600ml of VP134957 = Final Quantity: 40.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
620	50 PPB CCC, 8260-Water	VP135152	08/15/2025	08/16/2025	John Carlone	None	None	Mahesh Dadoda 08/20/2025

FROM 39.94450ml of W3112 + 0.00500ml of VP134142 + 0.00500ml of VP134933 + 0.00800ml of VP134956 + 0.01250ml of VP134149 + 0.01250ml of VP135059 + 0.01250ml of VP135129 = 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
334	1 PPB ICC, 8260-Water	VP135153	08/15/2025	08/16/2025	John Carlone	None	None	Mahesh Dadoda 08/20/2025

FROM 39.98200ml of W3112 + 0.00200ml of VP134145 + 0.00200ml of VP134151 + 0.00200ml of VP134935 + 0.00200ml of VP135061 + 0.00200ml of VP135131 + 0.00800ml of VP134956 = Final Quantity: 40.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
335	5 PPB ICC, 8260-Water	VP135154	08/15/2025	08/16/2025	John Carlone	None	None	Mahesh Dadoda 08/20/2025

FROM 39.94200ml of W3112 + 0.00800ml of VP134956 + 0.01000ml of VP134145 + 0.01000ml of VP134151 + 0.01000ml of VP134935 + 0.01000ml of VP135061 + 0.01000ml of VP135131 = 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
337	20 PPB ICC, 8260-Water	VP135155	08/15/2025	08/16/2025	John Carlone	None	None	Mahesh Dadoda 08/20/2025

FROM 39.97000ml of W3112 + 0.00200ml of VP134142 + 0.00200ml of VP134933 + 0.00500ml of VP134149 + 0.00500ml of VP135059 + 0.00500ml of VP135129 + 0.00800ml of VP134956 = Final Quantity: 40.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
380	50 PPB ICC, 8260-Water	VP135156	08/15/2025	08/16/2025	John Carlone	None	None	Mahesh Dadoda 08/20/2025

FROM 39.94450ml of W3112 + 0.00500ml of VP134142 + 0.00500ml of VP134933 + 0.00800ml of VP134956 + 0.01250ml of VP134149 + 0.01250ml of VP135059 + 0.01250ml of VP135129 = 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
381	100 PPB ICC, 8260-Water	VP135157	08/15/2025	08/16/2025	John Carlone	None	None	Mahesh Dadoda 08/20/2025

FROM 39.89700ml of W3112 + 0.00800ml of VP134956 + 0.01000ml of VP134142 + 0.01000ml of VP134933 + 0.02500ml of VP134149 + 0.02500ml of VP135059 + 0.02500ml of VP135129 = Final Quantity: 40.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
382	150 PPB ICC, 8260-Water	VP135158	08/15/2025	08/16/2025	John Carlone	None	None	Mahesh Dadoda 08/20/2025

FROM 39.84950ml of W3112 + 0.00800ml of VP134956 + 0.01500ml of VP134142 + 0.01500ml of VP134933 + 0.03750ml of VP134149 + 0.03750ml of VP135059 + 0.03750ml of VP135129 = 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
385	50 PPB ICV, 8260-Water	VP135159	08/15/2025	08/16/2025	John Carlone	None	None	Mahesh Dadoda 08/20/2025

FROM 39.92950ml of W3112 + 0.00500ml of VP134933 + 0.00800ml of VP134956 + 0.01250ml of VP134263 + 0.01250ml of VP135123 + 0.01250ml of VP135126 + 0.02000ml of VP134742 = Final Quantity: 40.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
589	BFB TUNE CHECK	VP135163	08/18/2025	08/19/2025	John Carlone	None	None	Mahesh Dadoda 08/20/2025

FROM 39.98400ml of W3112 + 0.01600ml of VP134957 = Final Quantity: 40.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
620	50 PPB CCC, 8260-Water	VP135164	08/18/2025	08/19/2025	John Carlone	None	None	Mahesh Dadoda 08/20/2025

FROM 39.94450ml of W3112 + 0.00500ml of VP134142 + 0.00500ml of VP134933 + 0.00800ml of VP134956 + 0.01250ml of VP134149 + 0.01250ml of VP135059 + 0.01250ml of VP135129 = 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	VP135165	08/18/2025	08/19/2025	John Carlone	None	None	Mahesh Dadoda 08/20/2025

FROM 39.94450ml of W3112 + 0.00500ml of VP134142 + 0.00500ml of VP134933 + 0.00800ml of VP134956 + 0.01250ml of VP134149 + 0.01250ml of VP135059 + 0.01250ml of VP135129 = 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 #
Absolute Standards, Inc.	70046 / Bromochloromethane Std. sol/methanol 1000ppm	070122	01/14/2026	07/14/2025 / SAM	07/06/2022 / SAM	V12968

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	30470 / VOA Stock Solution, tert-butanol std, 1mL, P&TM	A0191703	11/15/2025	05/15/2025 / SAM	01/23/2023 / SAM	V13450

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	95318 / 2-Chloroethyl Vinyl Ether (Min = 5)	111722	11/17/2025	06/11/2025 / SAM	01/30/2023 / SAM	V13583

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	95318 / 2-Chloroethyl Vinyl Ether (Min = 5)	111722	11/17/2025	06/11/2025 / SAM	01/30/2023 / SAM	V13584

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	A0197644	02/14/2026	08/14/2025 / SAM	05/31/2023 / SAM	V13823

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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)	011624	02/14/2026	08/14/2025 / SAM	01/17/2024 / SAM	V14129

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)	021524	02/14/2026	08/14/2025 / SAM	02/20/2024 / SAM	V14182

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555581 / Custom Standard, 8260 Internal Std [CS 5179-1]	A0210184	12/12/2025	12/12/2024 / SAM	04/15/2024 / SAM	V14290

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30489 / VOA Mix, 8260B Acetates Mix, P&TM, 1mL	A0209618	09/30/2025	08/08/2025 / SAM	08/15/2024 / SAM	V14444

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30489 / VOA Mix, 8260B Acetates Mix, P&TM, 1mL	A0209618	09/30/2025	08/08/2025 / SAM	08/15/2024 / SAM	V14446

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	02/08/2026	08/08/2025 / SAM	09/17/2024 / SAM	V14507

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	95317 / Universal VOA Mega Mix (Min order = 5)	021624	02/08/2026	08/08/2025 / SAM	09/17/2024 / SAM	V14508

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	02/08/2026	08/08/2025 / SAM	09/18/2024 / SAM	V14529

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	02/08/2026	08/08/2025 / SAM	09/18/2024 / SAM	V14530

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA9077-02 / Methanol, Purge/Trap (cs=6x1L)	23I0762004	01/29/2026	07/29/2025 / SAM	11/26/2024 / SAM	V14625

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA9077-02 / Methanol, Purge/Trap (cs=6x1L)	23I0762004	11/09/2025	05/09/2025 / SAM	11/26/2024 / SAM	V14626

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA9077-02 / Methanol, Purge/Trap (cs=6x1L)	23I0762004	01/09/2026	07/07/2025 / SAM	11/26/2024 / SAM	V14629

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	/ 2-Chloroethyl vinyl ether	120524	12/06/2025	06/06/2025 / SAM	12/06/2024 / SAM	V14636

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	/ 2-Chloroethyl vinyl ether	120524	12/06/2025	06/06/2025 / SAM	12/06/2024 / SAM	V14637

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	/ 2-Chloroethyl vinyl ether	120524	12/06/2025	06/06/2025 / SAM	12/06/2024 / SAM	V14638

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	/ 2-Chloroethyl vinyl ether	120524	12/06/2025	06/06/2025 / SAM	12/06/2024 / SAM	V14639

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30225 / VOA Mix, bromochloromethane, 2000ug/mL, P&TM, 1mL/ampul	A0214960	12/06/2025	06/06/2025 / SAM	12/09/2024 / SAM	V14668

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30225 / VOA Mix, bromochloromethane, 2000ug/mL, P&TM, 1mL/ampul	A0214960	12/06/2025	06/06/2025 / SAM	12/09/2024 / SAM	V14671

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30225 / VOA Mix, bromochloromethane, 2000ug/mL, P&TM, 1mL/ampul	A0214960	12/06/2025	06/06/2025 / SAM	12/09/2024 / SAM	V14673

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30225 / VOA Mix, bromochloromethane, 2000ug/mL, P&TM, 1mL/ampul	A0214960	12/06/2025	06/06/2025 / SAM	12/09/2024 / SAM	V14675

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30006 / VOA Mix, CLP method Calibration Std #1 ketones 5000uq/ml, PTM, 1ml	A02110618	02/08/2026	08/08/2025 / SAM	12/17/2024 / SAM	V14702

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	02/08/2026	08/08/2025 / SAM	12/17/2024 / SAM	V14705

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	02/08/2026	08/08/2025 / SAM	12/17/2024 / SAM	V14716

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	02/08/2026	08/08/2025 / SAM	12/17/2024 / SAM	V14745

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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	02/08/2026	08/08/2025 / SAM	12/17/2024 / SAM	V14751

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	A0220563	12/23/2025	06/23/2025 / SAM	01/08/2025 / SAM	V14795

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	02/08/2026	08/08/2025 / SAM	01/08/2025 / SAM	V14806

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	02/08/2026	08/08/2025 / SAM	01/08/2025 / SAM	V14807

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30470 / VOA Stock Solution, tert-butanol std, 1mL, P&TM	A0217535	11/12/2025	05/12/2025 / SAM	01/21/2025 / SAM	V14843

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555582 / Custom Mixture, 8260 A/B Surrogate Mix [CS 5179-2]	A0223904	07/29/2026	07/29/2025 / SAM	03/24/2025 / SAM	V14906

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA9077-02 / Methanol, Purge/Trap (cs=6x1L)	24G0262002	11/12/2025	05/12/2025 / SAM	05/09/2025 / SAM	V14921

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA9077-02 / Methanol, Purge/Trap (cs=6x1L)	24G0262002	12/06/2025	06/06/2025 / SAM	05/09/2025 / SAM	V14929

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30489 / VOA Mix, 8260B Acetates Mix, P&TM, 1mL	A0220531	02/14/2026	08/14/2025 / SAM	05/19/2025 / SAM	V14974

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	A0220242	01/25/2026	07/25/2025 / SAM	06/02/2023 / SAM	V14996

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	91980 / Acrolin Std (Min = 5)	081325	09/13/2025	08/14/2025 / SAM	08/14/2025 / SAM	V15057

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	91980 / Acrolin Std (Min = 5)	081325	09/13/2025	08/14/2025 / SAM	08/14/2025 / SAM	V15058

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	91980 / Acrolin Std (Min = 5)	081325	09/13/2025	08/14/2025 / SAM	08/14/2025 / SAM	V15059

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	91980 / Acrolin Std (Min = 5)	081225	09/12/2025	08/14/2025 / SAM	08/14/2025 / SAM	V15062

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	91980 / Acrolin Std (Min = 5)	081225	09/12/2025	08/14/2025 / SAM	08/14/2025 / SAM	V15063

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	07/03/2029	07/03/2024 / Iwona	07/03/2024 / Iwona	W3112

Methanol
ULTRA RESI-ANALYZED
For Purge and Trap Analysis

avantor™ | J.T.Baker®

Material No.: 9077-02
Batch No.: 2310762004
Manufactured Date: 2023-08-11
Expiration Date: 2026-08-10
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (CH_3OH) (by GC, corrected for water)	≥ 99.9 %	100.0 %
Residue after Evaporation	≤ 1.0 ppm	0.5 ppm
Titrable Acid (µeq/g)	≤ 0.3	0.2
Titrable Base (µeq/g)	≤ 0.10	0.01
Water (by KF, coulometric)	≤ 0.08 %	< 0.01 %
Volatile Organic Trace Analysis – Below EPA 8260B CRQL	Conforms	Conforms

For Laboratory,Research,or Manufacturing Use
Performance Tested for Use in EPA Methods
500 Series for Drinking Water
600 Series for Wastewater
846 for Solid Waste

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Ken Koehnlein
Sr. Manager, Quality Assurance

Methanol
ULTRA RESI-ANALYZED
For Purge and Trap Analysis

avantor™ | J.T.Baker®

Material No.: 9077-02
Batch No.: 2310762004
Manufactured Date: 2023-08-11
Expiration Date: 2026-08-10
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (CH_3OH) (by GC, corrected for water)	≥ 99.9 %	100.0 %
Residue after Evaporation	≤ 1.0 ppm	0.5 ppm
Titrable Acid (µeq/g)	≤ 0.3	0.2
Titrable Base (µeq/g)	≤ 0.10	0.01
Water (by KF, coulometric)	≤ 0.08 %	< 0.01 %
Volatile Organic Trace Analysis – Below EPA 8260B CRQL	Conforms	Conforms

For Laboratory,Research,or Manufacturing Use
Performance Tested for Use in EPA Methods
500 Series for Drinking Water
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846 for Solid Waste

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Ken Koehnlein
Sr. Manager, Quality Assurance

Methanol
ULTRA RESI-ANALYZED
For Purge and Trap Analysis

avantor™ | J.T.Baker®

Material No.: 9077-02
Batch No.: 2310762004
Manufactured Date: 2023-08-11
Expiration Date: 2026-08-10
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (CH_3OH) (by GC, corrected for water)	≥ 99.9 %	100.0 %
Residue after Evaporation	≤ 1.0 ppm	0.5 ppm
Titrable Acid (µeq/g)	≤ 0.3	0.2
Titrable Base (µeq/g)	≤ 0.10	0.01
Water (by KF, coulometric)	≤ 0.08 %	< 0.01 %
Volatile Organic Trace Analysis – Below EPA 8260B CRQL	Conforms	Conforms

For Laboratory,Research,or Manufacturing Use
Performance Tested for Use in EPA Methods
500 Series for Drinking Water
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Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Ken Koehnlein
Sr. Manager, Quality Assurance

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

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ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

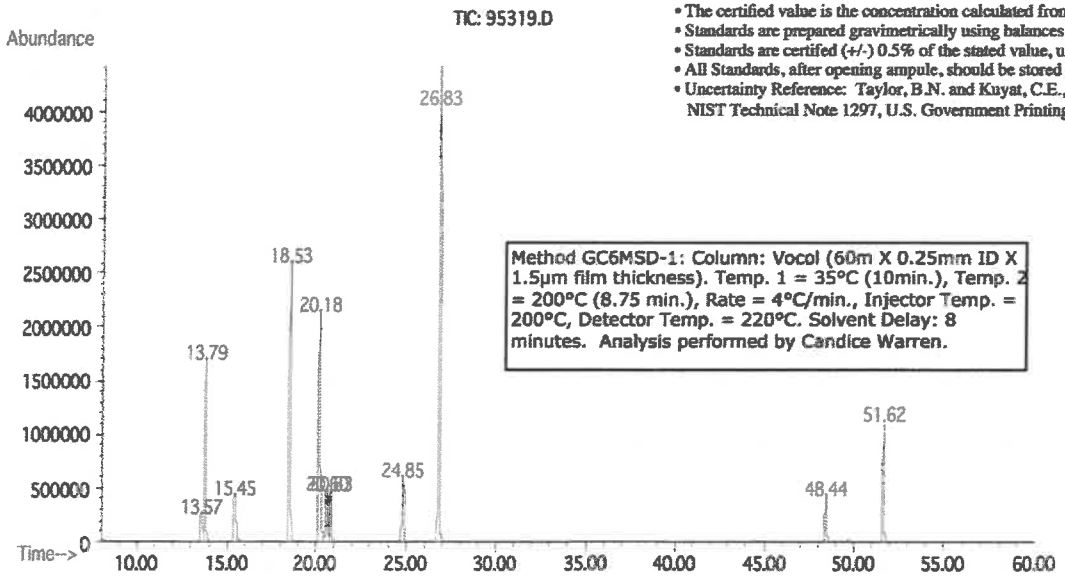
Part Number: 95319
Lot Number: 011624
Description: Revised Additions Mix
11 components
Expiration Date: 011627
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): Varied
NIST Test ID#: 6UTB

Solvent(s): Methanol Lot# EH471-US

5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 100.0 0.021 Flask Uncertainty

Formulated By:	Prashant Chauhan	011624 DATE
Reviewed By:	Pedro L. Rentas	011624 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. Acrylonitrile	7	4718CK	10000	99	0.2	1.01035	1.01080	10004.4	40.6	107-13-1	N/A	ori-rat 78 mg/kg
2. 1-Chlorobutane	1072	MKCM5711	2000	99.99	0.2	0.20007	0.20035	2002.8	8.1	109-69-3	N/A	ori-rat 2670mg/kg
3. Cyclohexane	1023	28930	2000	99	0.2	0.20207	0.20222	2001.5	8.2	110-82-7	300 ppm (1050mg/m3/8H)	ori-rat 12705mg/kg
4. Di-isopropyl ether (DIPE)	987	00412MX	2000	99	0.2	0.20207	0.20227	2002.0	8.2	108-20-3	500 ppm (2100mg/m3/8H)	ori-rat 8470mg/kg
5. 1,4-Dioxane	373	03853KE	40000	99	0.2	4.04142	4.04213	40007.0	162.5	123-91-1	25 ppm (90mg/m3/8H)(skin)	ori-mus 5700mg/kg
6. Hexachloroethane	199	12604HBV	2000	99	0.2	0.20207	0.20221	2001.4	8.2	67-72-1	1 ppm (10mg/m3/8H)(skin)	ori-gpg 4970mg/kg
7. Methylcyclohexane	1627	SHBG0199V	2000	99	0.2	0.20207	0.20230	2002.3	8.2	108-87-2	N/A	ori-mus 2250mg/kg
8. Methyl tert-butyl ether (MTBE)	209	21880	2000	99	0.2	0.20207	0.20227	2002.0	8.2	1634-04-4	N/A	ori-rat 4g/kg
9. Propionitrile	349	1395468	20000	99	0.2	2.02071	2.02150	20007.8	81.3	107-12-0	N/A	ori-rat 39mg/kg
10. Tetrahydrofuran	380	SHBH8330	10000	99.9	0.2	1.00125	1.00200	10007.5	40.3	109-99-9	20 ppm (590mg/m3/8H)	ori-rat 1650mg/kg
11. 1,2,3,4-Tetramethylbenzene	491	AP01	2000	93	0.2	0.21511	0.21522	2001.0	8.7	488-23-3	N/A	ori-rat 6408mg/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 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).

Method GC6MSD-1: Column: Vocol (60m X 0.25mm ID X 1.5µm film thickness). Temp. 1 = 35°C (10min.), Temp. 2 = 200°C (8.75 min.), Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. Solvent Delay: 8 minutes. Analysis performed by Candice Warren.

Name	MSD RT (min.)
Methyl tert-butyl ether (MTBE)	13.56
Acrylonitrile	13.79
Di-isopropyl ether	15.44
Propionitrile	18.53
Tetrahydrofuran	20.17
Cyclohexane	20.58
1-Chlorobutane	20.83
Methylcyclohexane	24.84
1,4-Dioxane	26.84
Hexachloroethane	48.44
1,2,3,4-Tetramethylbenzene	51.62

CERTIFIED WEIGHT REPORT

Part Number: 95317
Lot Number: 021524
Description: Universal VOA Megamix
69 components
Expiration Date: 021527
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): 2000
NIST Test ID#: 8UTB

Solvent(s): Methanol Lot# EG359-USQ12

Formulated By:	Mario Luis	021524 DATE
Reviewed By:	Pedro L. Rentas	021524 DATE

5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 100.0 0.021 Flask Uncertainty

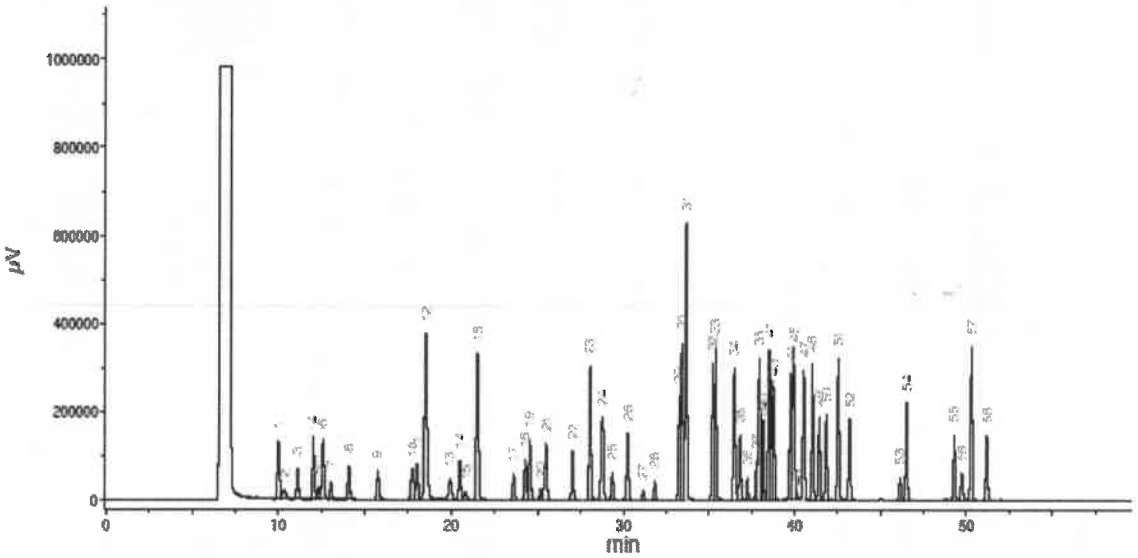
	Compound	(RM#) Part Number	Lot Number	Dil. Factor	Initial Vol. (mL)	Initial Conc.(ug/mL)	Nominal Conc (µg/mL)	Purity (%)	Purity Uncertainty	Uncertainty Pipette (mL)	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	Acetonitrile	(0324)	021644	NA	NA	NA	2000	99.99	0.2	NA	0.20007	0.20022	2001.5	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	0.20222	2001.5	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	0.20020	2001.3	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	0.21060	2000.2	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	0.20734	2000.3	8.4	110-57-6	N/A	N/A
6.	Diethyl ether	(0153)	IK18CAS000(	NA	NA	NA	2000	99.9	0.2	NA	0.20025	0.20042	2001.7	8.1	60-29-7	N/A	N/A
7.	Ethyl methacrylate	(0381)	06126PX	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20231	2002.4	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	0.20118	2001.2	8.1	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	0.20209	2000.2	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	0.20042	2001.7	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	0.20030	2000.5	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	0.20230	2002.3	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	0.20570	2001.0	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	0.20415	2000.2	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	0.20210	2000.3	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	40010.0	2000	NA	NA	0.017	NA	NA	2000.0	23.0	10061-01-5	N/A	N/A
38.	trans-1,3-Dichloropropene	35161	112322	0.05	5.00	40017.6	2000	NA	NA	0.017	NA	NA	2000.4	23.0	10061-02-6	N/A	N/A
39.	Hexachloro-1,3-butadiene	35161	112322	0.05	5.00	40021.9	2000	NA	NA	0.017	NA	NA	2000.6	29.7	87-68-3	0.02 ppm (0.24mg/m3/8H)	orl-rat 82mg/kg
40.	1,1,1,2-Tetrachloroethane	35161	112322	0.05	5.00	40011.9	2000	NA	NA	0.017	NA	NA	2000.1	22.9	630-20-6	N/A	orl-rat 670mg/kg
41.	1,1,2,2-Tetrachloroethane	35161	112322	0.05	5.00	40007.5	2000	NA	NA	0.017	NA	NA	1999.9	22.9	79-34-5	5 ppm (35mg/m3/8H)(skin)	orl-rat 800mg/kg
42.	1,1,2-Trichloroethane	35161	112322	0.05	5.00	40006.6	2000	NA	NA	0.017	NA	NA	1999.8	23.0	79-00-5	10 ppm (45mg/m3/8H)(skin)	orl-rat 836mg/kg
43.	Trichloroethene	35161	112322	0.05	5.00	40029.0	2000	NA	NA	0.017	NA	NA	2000.9	22.9	79-01-6	50 ppm (270mg/m3/8H)	orl-mus 2402mg/kg
44.	1,2,3-Trichloropropane	35161	112322	0.05	5.00	40007.5	2000	NA	NA	0.017	NA	NA	1999.9	22.9	96-18-4	10 ppm (60mg/m3/8H)	orl-rat 149.6mg/kg
45.	Benzene	35162	050823	0.05	5.00	40005.0	2000	NA	NA	0.017	NA	NA	1999.7	22.9	71-43-2	1 ppm	orl-rat 4894mg/kg
46.	Bromobenzene	35162	050823	0.05	5.00	40006.9	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-86-1	N/A	orl-rat 2699mg/kg
47.	n-Butyl benzene	35162	050823	0.05	5.00	40003.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	104-51-8	N/A	N/A
48.	Ethyl benzene	35162	050823	0.05	5.00	40004.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	100-41-4	100 ppm (435mg/m3/8H)	orl-rat >2000mg/kg
49.	p-Isopropyl toluene	35162	050823	0.05	5.00	40005.6	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 1260mg/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 ampule, 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 17, "P95317 L021524 [2000µg/mL in MeOH]"

Run Length: 60.00 min, 35998 points at 10 points/second.
Created: Sat, Feb 17, 2024 at 10:04:27 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., Hydrogen(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=6.75 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	18.49
13	Isobutanol/1,1,1-Trichloroethane	19.91
14	1,1-Dichloropropene	20.46
15	Carbon tetrachloride	20.79
16	Benzene/1,2-Dichloroethane	21.48
17	Trichloroethene	23.58
18	1,2-Dichloropropane	24.26
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	33.66
32	o-Xylene	35.22
33	Styrene	35.39
34	Isopropylbenzene/Bromoform	36.48
35	cis-1,4-Dichloro-2-butene	36.80
36	1,1,2,2-Tetrachloroethane	37.23
37	1,2,3-Trichloropropane	37.77
38	n-Propylbenzene	37.92
39	trans-1,4-Dichloro-2-butene	38.05
40	Bromobenzene	38.14
41	1,3,5-Trimethylbenzene	38.50
42	2-Chlorotoluene	38.62
43	4-Chlorotoluene	38.77
44	tert-Butylbenzene	39.76
45	1,2,4-Trimethylbenzene	39.91
46	Pentachloroethane	40.17
47	sec-Butylbenzene	40.52
48	p-Isopropyltoluene	41.02
49	1,3-Dichlorobenzene	41.42
50	1,4-Dichlorobenzene	41.83
51	n-Butylbenzene	42.52
52	1,2-Dichlorobenzene	43.10
53	1,2-Dibromo-3-chloropropane	46.12
54	Nitrobenzene	46.48
55	1,2,4-Trichlorobenzene	48.26
56	Hexachlorobutadiene	49.22
57	Naphthalene	50.26
58	1,2,3-Trichlorobenzene	51.16

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CERTIFIED WEIGHT REPORT

Part Number: 95317
Lot Number: 021624
Description: Universal VOA Megamix
69 components
Expiration Date: 021627
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): 2000
NIST Test ID#: 6UTB

Solvent(s): Lot#
Methanol EG359-USQ12

Formulated By:	Prashant Chauhan	021624 DATE
Reviewed By:	Pedro L. Rentas	021624 DATE

Weight(s) shown below were combined and diluted to (mL): 100.0 | 5E-05 Balance Uncertainty | 0.021 Flask Uncertainty

Compound	(RM#) Part Number	Lot Number	Dil. Factor	Initial Vol. (mL)	Initial Conc.(ug/mL)	Nominal Conc (µg/mL)	Purity (%)	Purity Uncertainty	Uncertainty Pipette (mL)	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acetonitrile	(0324)	021644	NA	NA	NA	2000	99.99	0.2	NA	0.20007	0.20020	2001.3	8.1	75-05-8	40 ppm (70mg/m3/8H)	orl-rat 2460mg/kg
2. Allyl chloride (3-Chloropropene)	(0325)	102396	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20221	2001.4	8.2	107-05-1	1 ppm (3mg/m3/8H)	orl-rat 700mg/kg
3. Carbon disulphide	(0060)	MKCR8561	NA	NA	NA	2000	99.99	0.2	NA	0.20007	0.20023	2001.6	8.1	75-15-0	4 ppm (12mg/m3) (skin)	orl-rat 1200mg/kg
4. cis-1,4-Dichloro-2-butene	(1196)	14718EF	NA	NA	NA	2000	95	0.2	NA	0.21058	0.21069	2001.1	8.5	1476-11-5	N/A	N/A
5. trans-1,4-Dichloro-2-butene	(0466)	MKBP6041V	NA	NA	NA	2000	96.5	0.2	NA	0.20731	0.20748	2001.7	8.4	110-57-6	N/A	N/A
6. Diethyl ether	(0153)	IK18CAS0000	NA	NA	NA	2000	99.9	0.2	NA	0.20025	0.20040	2001.5	8.1	60-29-7	N/A	N/A
7. Ethyl methacrylate	(0381)	06128PX	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20230	2002.3	8.2	97-63-2	N/A	orl-rat 14800mg/kg
8. Iodomethane	(0489)	SHBF8718V	NA	NA	NA	2000	99.5	0.2	NA	0.20106	0.20121	2001.5	8.2	74-88-4	5 ppm(28mg/m3/8H)(skin)	orl-rat 76mg/kg
9. 2-Methyl-1-propanol	(0445)	15241EB	NA	NA	NA	2000	99.5	0.2	NA	0.20106	0.20120	2001.4	8.1	78-83-1	50 ppm (150mg/m3/8H)	orl-rat 2460mg/kg
10. Methacrylonitrile	(0442)	00427ET	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20221	2001.4	8.2	126-98-7	1 ppm (3mg/m3/8H)(skin)	orl-rat 120mg/kg
11. Methyl acrylate	(1075)	SHBK0679	NA	NA	NA	2000	99.9	0.2	NA	0.20025	0.20040	2001.5	8.1	96-33-3	10 ppm(35mg/m3/8H)(skin)	orl-rat 277mg/kg
12. Methyl methacrylate	(0404)	MKBW5137V	NA	NA	NA	2000	99.9	0.2	NA	0.20025	0.20041	2001.6	8.1	80-62-6	100 ppm (410mg/m3/8H)	orl-rat 7872mg/kg
13. Nitrobenzene	(0228)	01213TV	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20220	2001.3	8.2	98-95-3	1 ppm (5mg/m3/8H)(skin)	orl-rat 780mg/kg
14. 2-Nitropropane	(0461)	14002JX	NA	NA	NA	2000	97.3	0.2	NA	0.20560	0.20577	2001.6	8.3	79-46-9	10 ppm (35mg/m3/8H)	orl-rat 720mg/kg
15. Pentachloroethane	(0450)	HGA01	NA	NA	NA	2000	98	0.2	NA	0.20413	0.20430	2001.6	8.3	76-01-7	N/A	N/A
16. 1,1,2-Trichlorotrifluoroethane	(0474)	18930	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20225	2001.8	8.2	76-13-1	1000 ppm (7600mg/m3/8H)	orl-rat 43g/kg
17. Bromodichloromethane	35171	101623	0.05	5.00	40001.7	2000	NA	NA	0.017	NA	NA	1999.6	22.9	75-27-4	N/A	orl-rat 916mg/kg
18. Dibromochloromethane	35171	101623	0.05	5.00	40002.1	2000	NA	NA	0.017	NA	NA	1999.6	23.0	124-48-1	N/A	orl-rat 846mg/kg
19. cis-1,2-Dichloroethene	35171	101623	0.05	5.00	40003.1	2000	NA	NA	0.017	NA	NA	1999.7	22.9	156-59-2	N/A	N/A
20. trans-1,2-Dichloroethene	35171	101623	0.05	5.00	40002.4	2000	NA	NA	0.017	NA	NA	1999.6	23.0	156-60-5	N/A	orl-rat 1235mg/kg
21. Methylene chloride	35171	101623	0.05	5.00	40002.8	2000	NA	NA	0.017	NA	NA	1999.6	22.9	75-09-2	500 ppm	orl-rat 820mg/kg
22. 1,1-Dichloroethene	32251	102023	0.10	10.00	20001.6	2000	NA	NA	0.042	NA	NA	1999.7	20.4	75-35-4	1 ppm (4mg/m3/8H)	orl-rat 200mg/kg
23. Bromoform	95321	020724	0.10	10.00	20003.2	2000	NA	NA	0.042	NA	NA	1999.8	20.5	75-25-2	0.5 ppm (5mg/m3) (skin)	orl-rat 933mg/kg
24. Carbon tetrachloride	95321	020724	0.10	10.00	20003.4	2000	NA	NA	0.042	NA	NA	1999.8	20.4	56-23-5	2 ppm (12.6mg/m3/8H)	orl-rat 2350mg/kg
25. Chloroform	95321	020724	0.10	10.00	20024.0	2000	NA	NA	0.042	NA	NA	2001.9	20.5	67-66-3	50 ppm (240mg/m3) (CL)	orl-rat 908mg/kg
26. Dibromomethane	95321	020724	0.10	10.00	20002.9	2000	NA	NA	0.042	NA	NA	1999.8	20.5	74-95-3	N/A	orl-rat 108mg/kg
27. 1,1-Dichloroethane	95321	020724	0.10	10.00	20003.4	2000	NA	NA	0.042	NA	NA	1999.8	20.5	75-34-3	100 ppm	orl-rat 725mg/kg
28. 2,2-Dichloropropane	95321	020724	0.10	10.00	20003.4	2000	NA	NA	0.042	NA	NA	1999.8	20.4	594-20-7	N/A	N/A
29. Tetrachloroethene	95321	020724	0.10	10.00	20201.1	2000	NA	NA	0.042	NA	NA	2019.6	20.8	127-18-4	25 ppm (170mg/m3/8H)(final)	orl-rat 2629mg/kg
30. 1,1,1-Trichloroethane	95321	020724	0.10	10.00	20003.0	2000	NA	NA	0.042	NA	NA	1999.8	20.5	71-55-6	350 ppm (1900mg/m3/8H)	orl-rat 10300mg/kg
31. 1,2-Dibromo-3-chloropropane	35161	112322	0.05	5.00	40016.5	2000	NA	NA	0.017	NA	NA	2000.3	22.9	96-12-8	0.001 ppm	orl-rat 170mg/kg
32. 1,2-Dibromoethane	35161	112322	0.05	5.00	40024.8	2000	NA	NA	0.017	NA	NA	2000.7	22.9	106-93-4	20 ppm (8H)	orl-rat 108mg/kg
33. 1,2-Dichloroethane	35161	112322	0.05	5.00	40018.0	2000	NA	NA	0.017	NA	NA	2000.4	22.9	107-06-2	50 ppm (8H)	orl-rat 670mg/kg
34. 1,2-Dichloropropane	35161	112322	0.05	5.00	40051.0	2000	NA	NA	0.017	NA	NA	2002.0	22.9	78-87-5	75 ppm (350mg/m3/8H)	orl-rat 1947mg/kg
35. 1,3-Dichloropropane	35161	112322	0.05	5.00	40005.9	2000	NA	NA	0.017	NA	NA	1999.8	22.9	142-28-9	N/A	unr-mus 3600mg/kg
36. 1,1-Dichloropropene	35161	112322	0.05	5.00	40012.1	2000	NA	NA	0.017	NA	NA	2000.1	29.7	563-58-6	N/A	N/A
37. cis-1,3-Dichloropropene	35161	112322	0.05	5.00	40010.0	2000	NA	NA	0.017	NA	NA	2000.0	23.0	10061-01-5	N/A	N/A
38. trans-1,3-Dichloropropene	35161	112322	0.05	5.00	40017.6	2000	NA	NA	0.017	NA	NA	2000.4	23.0	10061-02-6	N/A	N/A
39. Hexachloro-1,3-butadiene	35161	112322	0.05	5.00	40021.9	2000	NA	NA	0.017	NA	NA	2000.6	29.7	87-68-3	0.02 ppm (0.24mg/m3/8H)	orl-rat 82mg/kg
40. 1,1,1,2-Tetrachloroethane	35161	112322	0.05	5.00	40011.9	2000	NA	NA	0.017	NA	NA	2000.1	22.9	630-20-6	N/A	orl-rat 670mg/kg
41. 1,1,2,2-Tetrachloroethane	35161	112322	0.05	5.00	40007.5	2000	NA	NA	0.017	NA	NA	1999.9	22.9	79-34-5	5 ppm (35mg/m3/8H)(skin)	orl-rat 800mg/kg
42. 1,1,2-Trichloroethane	35161	112322	0.05	5.00	40006.6	2000	NA	NA	0.017	NA	NA	1999.8	23.0	79-00-5	10 ppm (45mg/m3/8H)(skin)	orl-rat 836mg/kg
43. Trichloroethene	35161	112322	0.05	5.00	40029.0	2000	NA	NA	0.017	NA	NA	2000.9	22.9	79-01-6	50 ppm (270mg/m3/8H)	orl-mus 2402mg/kg
44. 1,2,3-Trichloropropane	35161	112322	0.05	5.00	40007.5	2000	NA	NA	0.017	NA	NA	1999.9	22.9	96-18-4	10 ppm (60mg/m3/8H)	orl-rat 149.6mg/kg
45. Benzene	35162	050823	0.05	5.00	40005.0	2000	NA	NA	0.017	NA	NA	1999.7	22.9	71-43-2	1 ppm	orl-rat 4894mg/kg
46. Bromobenzene	35162	050823	0.05	5.00	40006.9	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-86-1	N/A	orl-rat 2699mg/kg
47. n-Butyl benzene	35162	050823	0.05	5.00	40003.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	104-51-8	N/A	N/A
48. Ethyl benzene	35162	050823	0.05	5.00	40004.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	100-41-4	100 ppm (435mg/m3/8H)	orl-rat >2000mg/kg
49. p-Isopropyl toluene	35162	050823	0.05	5.00	40005.8	2000	NA	NA	0.017	NA	NA	1999.8	22.9	99-87-6	N/A	orl-rat 4750mg/kg
50. Naphthalene	35162	050823	0.05	5.00	40006.2	2000	NA	NA	0.017	NA	NA	1999.8	22.9	91-20-3	10 ppm (50mg/m3/8H)	orl-rat 490mg/kg
51. Styrene	35162	050823	0.05	5.00	40004.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	100-42-5	100 ppm	orl-rat 5000mg/kg
52. Toluene	35162	050823	0.05	5.00	40006.2	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-88-3	200 ppm	orl-rat 5000mg/kg
53. 1,2,3-Trichlorobenzene	35162	050823	0.05	5.00	40003.1	2000	NA	NA	0.017	NA	NA	1999.7	22.9	87-61-6	N/A	ipr-mus 1390mg/kg
54. 1,2,4-Trichlorobenzene	35162	050823	0.05	5.00	40006.8	2000	NA	NA	0.017	NA	NA	1999.8	22.9	120-82-1	5 ppm (CL) (40mg/m3)	orl-rat 756mg/kg
55. 1,2,4-Trimethylbenzene	35162	050823	0.05	5.00	40001.6	2000	NA	NA	0.017	NA	NA	1999.6	23.0	95-63-6	N/A	orl-rat 5g/kg
56. 1,3,5-Trimethylbenzene	35162	050823	0.05	5.00	40006.7	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-67-8	N/A	orl-rat 5000mg/kg
57. m-Xylene	35162	050823	0.05	5.00	40005.8	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-38-3	100 ppm (435mg/m3/8H)	orl-rat 5g/kg
58. tert-Butyl benzene	35163	101923	0.05	5.00	40001.2	2000	NA	NA	0.017	NA	NA	1999.8	22.9	98-06-6	N/A	N/A
59. sec-Butyl benzene	35163	101923	0.05	5.00	40002.4	2000	NA	NA	0.017	NA	NA	1999.8	22.9	135-98-8	N/A	orl-rat 2240mg/kg
60. Chlorobenzene	35163	101923	0.05	5.00	40003.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	108-90-7	75 ppm (350mg/m3/8H)	orl-rat 2290mg/kg
61. 2-Chlorotoluene	35163	101923	0.05	5.00	40000.3	2000	NA	NA	0.017	NA	NA	1999.5	22.9	95-49-8	50 ppm (250mg/m3/8H)	orl-rat 3900mg/kg
62. 4-Chlorotoluene	35163	101923	0.05	5.00	40003.3	2000	NA	NA	0.017	NA	NA	1999.7	22.9	106-43-4	N/A	orl-rat 2100mg/kg
63. 1,2-Dichlorobenzene	35163	101923	0.05	5.00	40003.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	95-50-1	50 ppm (300mg/m3) (CL)	orl-rat 500mg/kg
64. 1,3-Dichlorobenzene	35163	101923	0.05	5.00	40001.7	2000	NA	NA	0.017	NA	NA	1999.6	23.0	541-73-1	N/A	ipr-mus 1062mg/kg
65. 1,4-Dichlorobenzene	35163	101923	0.05	5.00	40001.8	2000	NA	NA	0.017	NA	NA	1999.6	22.9	106-46-7	75 ppm (450mg/m3/8H)	orl-rat 500mg/kg
66. Isopropylbenzene	35163	101923	0.05	5.00	40000.8	2000	NA	NA	0.017	NA	NA	1999.5	22.9	98-82-8	50 ppm (245mg/m3/8H)	orl-rat 1400mg/kg
67. n-Propylbenzene	35163	101923	0.05	5.00	40003.4	2000	NA	NA	0.017	NA	NA	1999.7	23.0	103-65-1	N/A	orl-rat 8040mg/kg
68. o-Xylene	35163	101923	0.05	5.00	40040.8	2000	NA	NA	0.017	NA	NA	2001.5	23.0	95-47-6	100 ppm (435mg/m3/8H)	ipr-mus 1364mg/kg
69. p-Xylene	35163	101923	0.05	5.00	40000.8	2000	NA	NA	0.017	NA	NA	1999.5	22.9	106-42-3	100 ppm (435mg/m3/8H)	orl-rat 5g/kg

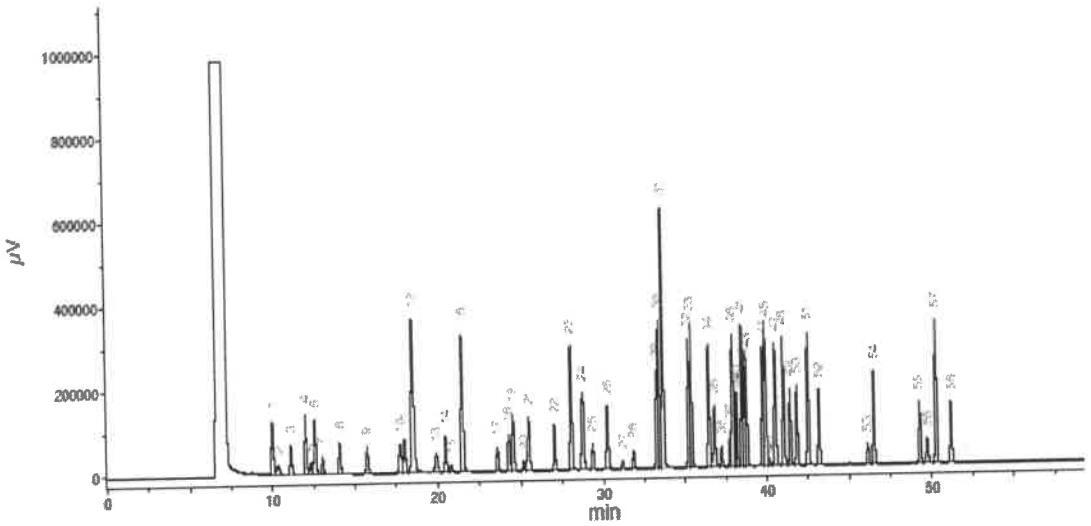
- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Run 16, "P95317 L021624 (2000µg/mL in MeOH)"

Run Length: 60.00 min, 35998 points at 10 points/second.
Created: Sat, Feb 17, 2024 at 8:56:46 AM.
Sampled: Sequence "021624-GC5M1", Method "GC5-M1".
Analyzed using Method "GC5-M1".

Comments

GC5-M1 Analysis by Candice Warren
Column ID SPB-Vocol 105 meter X 0.53mm X 3.0µm film thickness
Flow rates: Total flow=290mL/min., Helium (carrier)=10mL/min.,
Helium(make-up)=10mL/min., Hydogen(make-up)=40mL/min., Air(make-up)=230mL/min.
Oven Profile: Temp. 1=35°C (Time 1=10 min.), Temp 2=200°C (Time 2=8.75 min.),
Rate = 4°C/min., Total run time=60 min. Injector temp.=200°C, FID Temp.=200°C.
FID Signal = Edaq Channel 1
Standard injection = 0.5µL, Range=3



Peak #	Name	FID RT (min.)
1	Ether	9.97
2	1,1,2-Trichloro-1,2,3-trifluoroethane	10.33
3	1,1-Dichloroethene	11.10
4	Acetonitrile	12.00
5	Iodomethane	12.31
6	Allyl chloride	12.56
7	Carbon disulfide/Methylene chloride	13.04
8	trans-1,2-Dichloroethene	14.07
9	1,1-Dichloroethane	15.74
10	2,2-Dichloropropane	17.74
11	cis-1,2-Dichloroethene	18.00
12	Methacrylonitrile/Methyl acrylate/Chloroform	18.49
13	Isobutanol/1,1,1-Trichloroethane	18.91
14	1,1-Dichloropropene	19.46
15	Carbon tetrachloride	20.79
16	Benzene/1,2-Dichloroethane	21.48
17	Trichloroethene	23.86
18	1,2-Dichloropropane	24.26
19	Methyl methacrylate	24.62
20	Bromodichloromethane	25.13
21	Dibromomethane/2-Nitropropane	25.46
22	cis-1,3-Dichloropropene	27.07
23	Toluene	28.09
24	Ethyl methacrylate/trans-1,3-Dichloropropene	28.73
25	1,1,2-Trichloroethane	29.34
26	Tetrachloroethene/1,3-Dichloropropane	30.34
27	Dibromochloromethane	31.16
28	1,2-Dibromoethane	31.84
29	Chlorobenzene	33.26
30	Ethylbenzene/1,1,1,2-Tetrachloroethane	33.40
31	m-Xylene/p-Xylene	33.85
32	o-Xylene	35.33
33	Styrene	35.50
34	Isopropylbenzene/Bromoform	35.48
35	cis-1,4-Dichloro-2-butene	36.80
36	1,1,2,2-Tetrachloroethane	37.23
37	1,2,3-Trichloropropane	37.77
38	n-Propylbenzene	37.92
39	trans-1,4-Dichloro-2-butene	38.05
40	Bromobenzene	38.14
41	1,3,5-Trimethylbenzene	38.50
42	2-Chlorotoluene	38.62
43	4-Chlorotoluene	38.77
44	tert-Butylbenzene	39.76
45	1,2,4-Trimethylbenzene	39.91
46	Pentachloroethane	40.17
47	sec-Butylbenzene	40.52
48	p-Isopropyltoluene	41.02
49	1,3-Dichlorobenzene	41.12
50	1,4-Dichlorobenzene	41.63
51	n-Butylbenzene	42.52
52	1,2-Dichlorobenzene	42.18
53	1,2-Dibromo-3-chloropropane	46.12
54	Nitrobenzene	46.58
55	1,2,4-Trichlorobenzene	49.26
56	Hexachlorobutadiene	49.72
57	Naphthalene	50.46
58	1,2,3-Trichlorobenzene	51.16

Absolute Standards Inc.

PO Box 5585
Hamden, CT 06518-0585

Phone: 203-281-2917
FAX: 203-281-2922

Safety Data Sheet (SDS) GHS/OSHA Compliant

Section I Product and Company Identification

IDENTITY **ANALYTICAL STANDARD DISSOLVED IN METHANOL**

Manufacturer's Name	ABSOLUTE STANDARDS INC	Emergency Telephone USA & CANADA	**1-800-535-5053**
Address	44 Rossotto Dr. Hamden CT, 06514	Emergency Telephone International	**1-352-323-3500**
		Date Prepared/Revised	January 1, 2024

Section II - Hazards Identification

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

H225	**Highly Flammable Liquid and Vapor**	**H301, 311, 331**	**Toxic if swallowed, skin contact, inhaled**
H370	**Cause damage to organs**	**H351**	**Suspected of causing cancer**
P271	**Use in ventilated area**	**P280**	**Use gloves, eye protection/face sheild**
P302,332	**If on skin, wash with soap and water**	**P305,351,338**	**If in eyes, remove contacts, rinse with water**

Signal Word: DANGER

Section III - Composition

Components (Specific Chemical Identity; Common Name(s))			% (optional)
Methanol	METHYL ALCOHOL	CAS#: 67-56-1	> 97

See Certified Weight Report For Other Analytes Present At Trace Quantities.

INTENDED USE: REFERENCE MATERIAL

Section IV. FIRST AID MEASURES

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.Move to safe area.
If inhaled	If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	Wash with soap and water. Consult a physician.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	Do NOT induce vomiting. Rinse mouth with water. Consult a physician.

Section V. FIREFIGHTING MEASURES

Flammability	Flammable in the presence of a source of ignition when the temperature is above the flash point. Keep away from heat/sparks/open flame/hot surface. No smoking.
Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Protective equipment for fire	Wear self contained breathing apparatus for fire fighting if necessary.

Section VI. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Vapours accumulate to form explosive concentrations.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Clean up	Contain spillage, and then collect and place in container for disposal according to local regulations (see section 13).

Section VII. HANDLING AND STORAGE

Precautions for safe handling	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Use ventilation Keep away from sources of ignition. No smoking. Prevent the build up of electrostatic charge.
Storage Conditions	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Section VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Methanol 67-56-1 TWA 200 ppm
Skin notation TWA 200 ppm
Potential for skin absorption , ingestion and inhalation.
Personal protective equipment Respiratory protection Handle with gloves. Gloves must be inspected prior to use. Eye protection.
Avoid contact with skin, eyes and clothing. Wash hands thoroughly after handling the product.

Section IX - Physical/Chemical Characteristics

Boiling Point	65°C	Specific Gravity (H2O = 1)	0.79
Vapor Pressure (mm Hg)	96	Melting Point	-98°C
Vapor Density (AIR = 1)	1.11	Evaporation rate (Butyl Acetate = 1)	4.6

Solubility in Water COMPLETE

Appearance and Odor CLEAR, COLORLESS LIQUID WITH CHARACTERISTIC PUNGENT ODOR.

Section X. STABILITY AND REACTIVITY

Chemical stability Stable under recommended storage conditions.
Possibility of hazardous reactions Vapours may form explosive mixture with air.
Conditions to avoid Heat, flames, sparks, extreme temperature and sunlight.
Materials to avoid Acid chlorides, Acid anhydrides, Oxidizing agents, Alkali metals, Reducing agents, Acids
Hazardous decomposition products formed under fire conditions. - Carbon oxides

Section XI. TOXICOLOGICAL INFORMATION

LD50 Oral - rat - 5,628 mg/kg
LC50 Inhalation - rat - 4 h - 64000 ppm
LD50 Dermal - rabbit - 15,800 mg/kg
Toxic if absorbed through skin. Causes skin irritation.
Eye damage/eye irritation
Toxic if inhaled. Causes respiratory tract irritation.
Toxic if swallowed.

Section XII. ECOLOGICAL INFORMATION FOR REPORTABLE QUANTITY OF 5000 lbs.

LC50	15,400 mg/l - 96 h
EC50	24,500.00 mg/l - 48 h
EC100	10,000.00 mg/l - 24 h

Section XIII. DISPOSAL CONSIDERATIONS

Dispose with normal Laboratory Solvent Waste.

Section XIV. TRANSPORT INFORMATION

DOT (US)
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

IATA
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

Section XV. REGULATORY INFORMATION

OSHA Hazards Flammable liquid, Target Organ Effect, Toxic by inhalation., Toxic by ingestion, Toxic by skin absorption, Irritant
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

Section XVI. Misc. INFORMATION

The information in this Material Safety Data Sheet meets the requirements of the United States Occupational Safety and Health Act and regulations promulgated thereunder (29 CFR 1910.1200 et. seq.) and Global Harmonized System (GHS). This document is intended only as a guide to the appropriate precautionary handling of the material by trained personnel, or supervised by a person trained in chemical handling. The user is responsible for determining the precautions and dangers of this chemical for his or her particular application. Depending on usage, protective clothing including eye and face guards and respirators must be used to avoid contact with material or breathing chemical vapors/fumes. Exposure to this product may have serious adverse health effects. This chemical may interact with other substances. Since the potential uses are so varied, ABSOLUTE STANDARDS INC. cannot warn of all the potential dangers of use or interaction with other chemicals or substances. ABSOLUTE STANDARDS INC. warrants that the chemical meets the specifications set forth on the label. ABSOLUTE STANDARDS INC DISCLAIMS ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED WITH REGARD TO THE PRODUCT SUPPLIED HEREUNDER, ITS MERCHANTABILITY OR ITS FITNESS FOR A PARTICULAR APPLICATION. The user should recognize that this product can cause severe injury or death, especially if improperly handled or the known dangers of use are not heeded. READ ALL PRECAUTIONARY INFORMATION. As new documented general safety information becomes available, Absolute Standards Inc. will periodically revise this Safety Data Sheet. If you have any questions, please call Technical Service at 1-203-281-2917 for assistance.

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

Rec 09/17/24

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 95317
Lot Number: 021624
Description: Universal VOA Megamix
69 components
Expiration Date: 021627
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): 2000
NIST Test ID#: 6UTB

Solvent(s): Lot#
Methanol EG359-USQ12

Formulated By:	Prashant Chauhan	021624 DATE
Reviewed By:	Pedro L. Rentas	021624 DATE

Weight(s) shown below were combined and diluted to (mL): 100.0 | 5E-05 Balance Uncertainty | 0.021 Flask Uncertainty

Compound	(RM#) Part Number	Lot Number	Dil. Factor	Initial Vol. (mL)	Initial Conc.(ug/mL)	Nominal Conc (µg/mL)	Purity (%)	Purity Uncertainty	Uncertainty Pipette (mL)	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acetonitrile	(0324)	021644	NA	NA	NA	2000	99.99	0.2	NA	0.20007	0.20020	2001.3	8.1	75-05-8	40 ppm (70mg/m3/8H)	orl-rat 2460mg/kg
2. Allyl chloride (3-Chloropropene)	(0325)	102396	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20221	2001.4	8.2	107-05-1	1 ppm (3mg/m3/8H)	orl-rat 700mg/kg
3. Carbon disulphide	(0060)	MKCR8561	NA	NA	NA	2000	99.99	0.2	NA	0.20007	0.20023	2001.6	8.1	75-15-0	4 ppm (12mg/m3) (skin)	orl-rat 1200mg/kg
4. cis-1,4-Dichloro-2-butene	(1196)	14718EF	NA	NA	NA	2000	95	0.2	NA	0.21058	0.21069	2001.1	8.5	1476-11-5	N/A	N/A
5. trans-1,4-Dichloro-2-butene	(0466)	MKBP6041V	NA	NA	NA	2000	96.5	0.2	NA	0.20731	0.20748	2001.7	8.4	110-57-6	N/A	N/A
6. Diethyl ether	(0153)	IK18CAS0000	NA	NA	NA	2000	99.9	0.2	NA	0.20025	0.20040	2001.5	8.1	60-29-7	N/A	N/A
7. Ethyl methacrylate	(0381)	06128PX	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20230	2002.3	8.2	97-63-2	N/A	orl-rat 14800mg/kg
8. Iodomethane	(0489)	SHBF8718V	NA	NA	NA	2000	99.5	0.2	NA	0.20106	0.20121	2001.5	8.2	74-88-4	5 ppm(28mg/m3/8H)(skin)	orl-rat 76mg/kg
9. 2-Methyl-1-propanol	(0445)	15241EB	NA	NA	NA	2000	99.5	0.2	NA	0.20106	0.20120	2001.4	8.1	78-83-1	50 ppm (150mg/m3/8H)	orl-rat 2460mg/kg
10. Methacrylonitrile	(0442)	00427ET	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20221	2001.4	8.2	126-98-7	1 ppm (3mg/m3/8H)(skin)	orl-rat 120mg/kg
11. Methyl acrylate	(1075)	SHBK0679	NA	NA	NA	2000	99.9	0.2	NA	0.20025	0.20040	2001.5	8.1	96-33-3	10 ppm(35mg/m3/8H)(skin)	orl-rat 277mg/kg
12. Methyl methacrylate	(0404)	MKBW5137V	NA	NA	NA	2000	99.9	0.2	NA	0.20025	0.20041	2001.6	8.1	80-62-6	100 ppm (410mg/m3/8H)	orl-rat 7872mg/kg
13. Nitrobenzene	(0228)	01213TV	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20220	2001.3	8.2	98-95-3	1 ppm (5mg/m3/8H)(skin)	orl-rat 780mg/kg
14. 2-Nitropropane	(0461)	14002JX	NA	NA	NA	2000	97.3	0.2	NA	0.20560	0.20577	2001.6	8.3	79-46-9	10 ppm (35mg/m3/8H)	orl-rat 720mg/kg
15. Pentachloroethane	(0450)	HGA01	NA	NA	NA	2000	98	0.2	NA	0.20413	0.20430	2001.6	8.3	76-01-7	N/A	N/A
16. 1,1,2-Trichlorotrifluoroethane	(0474)	18930	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20225	2001.8	8.2	76-13-1	1000 ppm (7600mg/m3/8H)	orl-rat 43g/kg
17. Bromodichloromethane	35171	101623	0.05	5.00	40001.7	2000	NA	NA	0.017	NA	NA	1999.6	22.9	75-27-4	N/A	orl-rat 916mg/kg
18. Dibromochloromethane	35171	101623	0.05	5.00	40002.1	2000	NA	NA	0.017	NA	NA	1999.6	23.0	124-48-1	N/A	orl-rat 846mg/kg
19. cis-1,2-Dichloroethene	35171	101623	0.05	5.00	40003.1	2000	NA	NA	0.017	NA	NA	1999.7	22.9	156-59-2	N/A	N/A
20. trans-1,2-Dichloroethene	35171	101623	0.05	5.00	40002.4	2000	NA	NA	0.017	NA	NA	1999.6	23.0	156-60-5	N/A	orl-rat 1235mg/kg
21. Methylene chloride	35171	101623	0.05	5.00	40002.8	2000	NA	NA	0.017	NA	NA	1999.6	22.9	75-09-2	500 ppm	orl-rat 820mg/kg
22. 1,1-Dichloroethene	32251	102023	0.10	10.00	20001.6	2000	NA	NA	0.042	NA	NA	1999.7	20.4	75-35-4	1 ppm (4mg/m3/8H)	orl-rat 200mg/kg
23. Bromoform	95321	020724	0.10	10.00	20003.2	2000	NA	NA	0.042	NA	NA	1999.8	20.5	75-25-2	0.5 ppm (5mg/m3) (skin)	orl-rat 933mg/kg
24. Carbon tetrachloride	95321	020724	0.10	10.00	20003.4	2000	NA	NA	0.042	NA	NA	1999.8	20.4	56-23-5	2 ppm (12.6mg/m3/8H)	orl-rat 2350mg/kg
25. Chloroform	95321	020724	0.10	10.00	20024.0	2000	NA	NA	0.042	NA	NA	2001.9	20.5	67-66-3	50 ppm (240mg/m3) (CL)	orl-rat 908mg/kg
26. Dibromomethane	95321	020724	0.10	10.00	20002.9	2000	NA	NA	0.042	NA	NA	1999.8	20.5	74-95-3	N/A	orl-rat 108mg/kg
27. 1,1-Dichloroethane	95321	020724	0.10	10.00	20003.4	2000	NA	NA	0.042	NA	NA	1999.8	20.5	75-34-3	100 ppm	orl-rat 725mg/kg
28. 2,2-Dichloropropane	95321	020724	0.10	10.00	20003.4	2000	NA	NA	0.042	NA	NA	1999.8	20.4	594-20-7	N/A	N/A
29. Tetrachloroethene	95321	020724	0.10	10.00	20201.1	2000	NA	NA	0.042	NA	NA	2019.6	20.8	127-18-4	25 ppm (170mg/m3/8H)(final)	orl-rat 2629mg/kg
30. 1,1,1-Trichloroethane	95321	020724	0.10	10.00	20003.0	2000	NA	NA	0.042	NA	NA	1999.8	20.5	71-55-6	350 ppm (1900mg/m3/8H)	orl-rat 10300mg/kg
31. 1,2-Dibromo-3-chloropropane	35161	112322	0.05	5.00	40016.5	2000	NA	NA	0.017	NA	NA	2000.3	22.9	96-12-8	0.001 ppm	orl-rat 170mg/kg
32. 1,2-Dibromoethane	35161	112322	0.05	5.00	40024.8	2000	NA	NA	0.017	NA	NA	2000.7	22.9	106-93-4	20 ppm (8H)	orl-rat 108mg/kg
33. 1,2-Dichloroethane	35161	112322	0.05	5.00	40018.0	2000	NA	NA	0.017	NA	NA	2000.4	22.9	107-06-2	50 ppm (8H)	orl-rat 670mg/kg
34. 1,2-Dichloropropane	35161	112322	0.05	5.00	40051.0	2000	NA	NA	0.017	NA	NA	2002.0	22.9	78-87-5	75 ppm (350mg/m3/8H)	orl-rat 1947mg/kg
35. 1,3-Dichloropropane	35161	112322	0.05	5.00	40005.9	2000	NA	NA	0.017	NA	NA	1999.8	22.9	142-28-9	N/A	unr-mus 3600mg/kg
36. 1,1-Dichloropropene	35161	112322	0.05	5.00	40012.1	2000	NA	NA	0.017	NA	NA	2000.1	29.7	563-58-6	N/A	N/A
37. cis-1,3-Dichloropropene	35161	112322	0.05	5.00	40010.0	2000	NA	NA	0.017	NA	NA	2000.0	23.0	10061-01-5	N/A	N/A
38. trans-1,3-Dichloropropene	35161	112322	0.05	5.00	40017.6	2000	NA	NA	0.017	NA	NA	2000.4	23.0	10061-02-6	N/A	N/A
39. Hexachloro-1,3-butadiene	35161	112322	0.05	5.00	40021.9	2000	NA	NA	0.017	NA	NA	2000.6	29.7	87-68-3	0.02 ppm (0.24mg/m3/8H)	orl-rat 82mg/kg
40. 1,1,1,2-Tetrachloroethane	35161	112322	0.05	5.00	40011.9	2000	NA	NA	0.017	NA	NA	2000.1	22.9	630-20-6	N/A	orl-rat 670mg/kg
41. 1,1,2,2-Tetrachloroethane	35161	112322	0.05	5.00	40007.5	2000	NA	NA	0.017	NA	NA	1999.9	22.9	79-34-5	5 ppm (35mg/m3/8H)(skin)	orl-rat 800mg/kg
42. 1,1,2-Trichloroethane	35161	112322	0.05	5.00	40006.6	2000	NA	NA	0.017	NA	NA	1999.8	23.0	79-00-5	10 ppm (45mg/m3/8H)(skin)	orl-rat 836mg/kg
43. Trichloroethene	35161	112322	0.05	5.00	40029.0	2000	NA	NA	0.017	NA	NA	2000.9	22.9	79-01-6	50 ppm (270mg/m3/8H)	orl-mus 2402mg/kg
44. 1,2,3-Trichloropropane	35161	112322	0.05	5.00	40007.5	2000	NA	NA	0.017	NA	NA	1999.9	22.9	96-18-4	10 ppm (60mg/m3/8H)	orl-rat 149.6mg/kg
45. Benzene	35162	050823	0.05	5.00	40005.0	2000	NA	NA	0.017	NA	NA	1999.7	22.9	71-43-2	1 ppm	orl-rat 4894mg/kg
46. Bromobenzene	35162	050823	0.05	5.00	40006.9	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-86-1	N/A	orl-rat 2699mg/kg
47. n-Butyl benzene	35162	050823	0.05	5.00	40003.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	104-51-8	N/A	N/A
48. Ethyl benzene	35162	050823	0.05	5.00	40004.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	100-41-4	100 ppm (435mg/m3/8H)	orl-rat >2000mg/kg
49. p-Isopropyl toluene	35162	050823	0.05	5.00	40005.8	2000	NA	NA	0.017	NA	NA	1999.8	22.9	99-87-6	N/A	orl-rat 4750mg/kg
50. Naphthalene	35162	050823	0.05	5.00	40006.2	2000	NA	NA	0.017	NA	NA	1999.8	22.9	91-20-3	10 ppm (50mg/m3/8H)	orl-rat 490mg/kg
51. Styrene	35162	050823	0.05	5.00	40004.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	100-42-5	100 ppm	orl-rat 5000mg/kg
52. Toluene	35162	050823	0.05	5.00	40006.2	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-88-3	200 ppm	orl-rat 5000mg/kg
53. 1,2,3-Trichlorobenzene	35162	050823	0.05	5.00	40003.1	2000	NA	NA	0.017	NA	NA	1999.7	22.9	87-61-6	N/A	ipr-mus 1390mg/kg
54. 1,2,4-Trichlorobenzene	35162	050823	0.05	5.00	40006.8	2000	NA	NA	0.017	NA	NA	1999.8	22.9	120-82-1	5 ppm (CL) (40mg/m3)	orl-rat 756mg/kg
55. 1,2,4-Trimethylbenzene	35162	050823	0.05	5.00	40001.6	2000	NA	NA	0.017	NA	NA	1999.6	23.0	95-63-6	N/A	orl-rat 5g/kg
56. 1,3,5-Trimethylbenzene	35162	050823	0.05	5.00	40006.7	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-67-8	N/A	orl-rat 5000mg/kg
57. m-Xylene	35162	050823	0.05	5.00	40005.8	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-38-3	100 ppm (435mg/m3/8H)	orl-rat 5g/kg
58. tert-Butyl benzene	35163	101923	0.05	5.00	40001.2	2000	NA	NA	0.017	NA	NA	1999.8	22.9	98-06-6	N/A	N/A
59. sec-Butyl benzene	35163	101923	0.05	5.00	40002.4	2000	NA	NA	0.017	NA	NA	1999.8	22.9	135-98-8	N/A	orl-rat 2240mg/kg
60. Chlorobenzene	35163	101923	0.05	5.00	40003.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	108-90-7	75 ppm (350mg/m3/8H)	orl-rat 2290mg/kg
61. 2-Chlorotoluene	35163	101923	0.05	5.00	40000.3	2000	NA	NA	0.017	NA	NA	1999.5	22.9	95-49-8	50 ppm (250mg/m3/8H)	orl-rat 3900mg/kg
62. 4-Chlorotoluene	35163	101923	0.05	5.00	40003.3	2000	NA	NA	0.017	NA	NA	1999.7	22.9	106-43-4	N/A	orl-rat 2100mg/kg
63. 1,2-Dichlorobenzene	35163	101923	0.05	5.00	40003.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	95-50-1	50 ppm (300mg/m3) (CL)	orl-rat 500mg/kg
64. 1,3-Dichlorobenzene	35163	101923	0.05	5.00	40001.7	2000	NA	NA	0.017	NA	NA	1999.6	23.0	541-73-1	N/A	ipr-mus 1062mg/kg
65. 1,4-Dichlorobenzene	35163	101923	0.05	5.00	40001.8	2000	NA	NA	0.017	NA	NA	1999.6	22.9	106-46-7	75 ppm (450mg/m3/8H)	orl-rat 500mg/kg
66. Isopropylbenzene	35163	101923	0.05	5.00	40000.8	2000	NA	NA	0.017	NA	NA	1999.5	22.9	98-82-8	50 ppm (245mg/m3/8H)	orl-rat 1400mg/kg
67. n-Propylbenzene	35163	101923	0.05	5.00	40003.4	2000	NA	NA	0.017	NA	NA	1999.7	23.0	103-65-1	N/A	orl-rat 8040mg/kg
68. o-Xylene	35163	101923	0.05	5.00	40040.8	2000	NA	NA	0.017	NA	NA	2001.5	23.0	95-47-6	100 ppm (435mg/m3/8H)	ipr-mus 1364mg/kg
69. p-Xylene	35163	101923	0.05	5.00	40000.8	2000	NA	NA	0.017	NA	NA	1999.5	22.9	106-42-3	100 ppm (435mg/m3/8H)	orl-rat 5g/kg

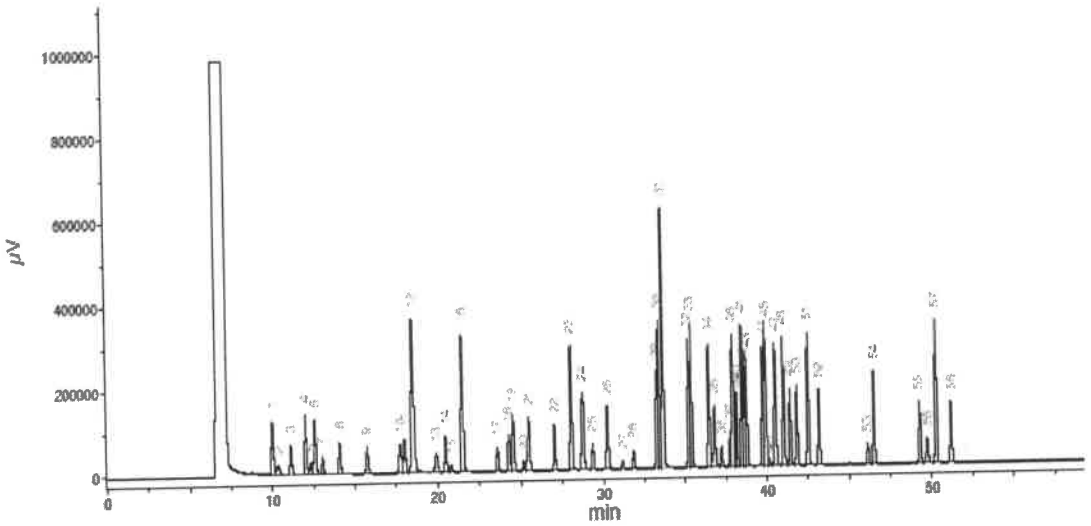
- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Run 16, "P95317 L021624 (2000µg/mL in MeOH)"

Run Length: 60.00 min, 35998 points at 10 points/second.
Created: Sat, Feb 17, 2024 at 8:56:46 AM.
Sampled: Sequence "021624-GC5M1", Method "GC5-M1".
Analyzed using Method "GC5-M1".

Comments

GC5-M1 Analysis by Candice Warren
Column ID SPB-Vocol 105 meter X 0.53mm X 3.0µm film thickness
Flow rates: Total flow=290mL/min., Helium (carrier)=10mL/min.,
Helium(make-up)=10mL/min., Hydogen(make-up)=40mL/min., Air(make-up)=230mL/min.
Oven Profile: Temp. 1=35°C (Time 1=10 min.), Temp 2=200°C (Time 2=8.75 min.),
Rate = 4°C/min., Total run time=60 min. Injector temp.=200°C, FID Temp.=200°C.
FID Signal = Edaq Channel 1
Standard injection = 0.5µL, Range=3



Peak #	Name	FID RT (min.)
1	Ether	9.97
2	1,1,2-Trichloro-1,2,3-trifluoroethane	10.33
3	1,1-Dichloroethene	11.10
4	Acetonitrile	12.00
5	Iodomethane	12.31
6	Allyl chloride	12.56
7	Carbon disulfide/Methylene chloride	13.04
8	trans-1,2-Dichloroethene	14.07
9	1,1-Dichloroethane	15.74
10	2,2-Dichloropropane	17.74
11	cis-1,2-Dichloroethene	18.00
12	Methacrylonitrile/Methyl acrylate/Chloroform	18.49
13	Isobutanol/1,1,1-Trichloroethane	18.91
14	1,1-Dichloropropene	19.46
15	Carbon tetrachloride	20.79
16	Benzene/1,2-Dichloroethane	21.48
17	Trichloroethene	23.86
18	1,2-Dichloropropane	24.26
19	Methyl methacrylate	24.62
20	Bromodichloromethane	25.13
21	Dibromomethane/2-Nitropropane	25.46
22	cis-1,3-Dichloropropene	27.07
23	Toluene	28.09
24	Ethyl methacrylate/trans-1,3-Dichloropropene	28.73
25	1,1,2-Trichloroethane	29.34
26	Tetrachloroethene/1,3-Dichloropropane	30.34
27	Dibromochloromethane	31.16
28	1,2-Dibromoethane	31.84
29	Chlorobenzene	33.26
30	Ethylbenzene/1,1,1,2-Tetrachloroethane	33.40
31	m-Xylene/p-Xylene	33.85
32	o-Xylene	35.33
33	Styrene	35.50
34	Isopropylbenzene/Bromoform	35.48
35	cis-1,4-Dichloro-2-butene	36.80
36	1,1,2,2-Tetrachloroethane	37.23
37	1,2,3-Trichloropropane	37.77
38	n-Propylbenzene	37.92
39	trans-1,4-Dichloro-2-butene	38.05
40	Bromobenzene	38.14
41	1,3,5-Trimethylbenzene	38.50
42	2-Chlorotoluene	38.62
43	4-Chlorotoluene	38.77
44	tert-Butylbenzene	39.76
45	1,2,4-Trimethylbenzene	39.91
46	Pentachloroethane	40.17
47	sec-Butylbenzene	40.52
48	p-Isopropyltoluene	41.02
49	1,3-Dichlorobenzene	41.12
50	1,4-Dichlorobenzene	41.63
51	n-Butylbenzene	42.52
52	1,2-Dichlorobenzene	42.18
53	1,2-Dibromo-3-chloropropane	46.12
54	Nitrobenzene	46.58
55	1,2,4-Trichlorobenzene	49.26
56	Hexachlorobutadiene	49.72
57	Naphthalene	50.46
58	1,2,3-Trichlorobenzene	51.16

Absolute Standards Inc.

PO Box 5585
Hamden, CT 06518-0585

Phone: 203-281-2917
FAX: 203-281-2922

Safety Data Sheet (SDS) GHS/OSHA Compliant

Section I Product and Company Identification

IDENTITY **ANALYTICAL STANDARD DISSOLVED IN METHANOL**

Manufacturer's Name	ABSOLUTE STANDARDS INC	Emergency Telephone USA & CANADA	**1-800-535-5053**
Address	44 Rossotto Dr. Hamden CT, 06514	Emergency Telephone International	**1-352-323-3500**
		Date Prepared/Revised	January 1, 2024

Section II - Hazards Identification

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

H225	**Highly Flammable Liquid and Vapor**	**H301, 311, 331**	**Toxic if swallowed, skin contact, inhaled**
H370	**Cause damage to organs**	**H351**	**Suspected of causing cancer**
P271	**Use in ventilated area**	**P280**	**Use gloves, eye protection/face sheild**
P302,332	**If on skin, wash with soap and water**	**P305,351,338**	**If in eyes, remove contacts, rinse with water**

Signal Word: DANGER

Section III - Composition

Components (Specific Chemical Identity; Common Name(s))			% (optional)
Methanol	METHYL ALCOHOL	CAS#: 67-56-1	> 97

See Certified Weight Report For Other Analytes Present At Trace Quantities.

INTENDED USE: REFERENCE MATERIAL

Section IV. FIRST AID MEASURES

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.Move to safe area.
If inhaled	If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	Wash with soap and water. Consult a physician.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	Do NOT induce vomiting. Rinse mouth with water. Consult a physician.

Section V. FIREFIGHTING MEASURES

Flammability	Flammable in the presence of a source of ignition when the temperature is above the flash point. Keep away from heat/sparks/open flame/hot surface. No smoking.
Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Protective equipment for fire	Wear self contained breathing apparatus for fire fighting if necessary.

Section VI. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Vapours accumulate to form explosive concentrations.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Clean up	Contain spillage, and then collect and place in container for disposal according to local regulations (see section 13).

Section VII. HANDLING AND STORAGE

Precautions for safe handling	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Use ventilation Keep away from sources of ignition. No smoking. Prevent the build up of electrostatic charge.
Storage Conditions	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Section VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Methanol 67-56-1 TWA 200 ppm
Skin notation TWA 200 ppm
Potential for skin absorption , ingestion and inhalation.
Personal protective equipment Respiratory protection Handle with gloves. Gloves must be inspected prior to use. Eye protection.
Avoid contact with skin, eyes and clothing. Wash hands thoroughly after handling the product.

Section IX - Physical/Chemical Characteristics

Boiling Point	65°C	Specific Gravity (H2O = 1)	0.79
Vapor Pressure (mm Hg)	96	Melting Point	-98°C
Vapor Density (AIR = 1)	1.11	Evaporation rate (Butyl Acetate = 1)	4.6

Solubility in Water COMPLETE

Appearance and Odor CLEAR, COLORLESS LIQUID WITH CHARACTERISTIC PUNGENT ODOR.

Section X. STABILITY AND REACTIVITY

Chemical stability Stable under recommended storage conditions.
Possibility of hazardous reactions Vapours may form explosive mixture with air.
Conditions to avoid Heat, flames, sparks, extreme temperature and sunlight.
Materials to avoid Acid chlorides, Acid anhydrides, Oxidizing agents, Alkali metals, Reducing agents, Acids
Hazardous decomposition products formed under fire conditions. - Carbon oxides

Section XI. TOXICOLOGICAL INFORMATION

LD50 Oral - rat - 5,628 mg/kg
LC50 Inhalation - rat - 4 h - 64000 ppm
LD50 Dermal - rabbit - 15,800 mg/kg
Toxic if absorbed through skin. Causes skin irritation.
Eye damage/eye irritation
Toxic if inhaled. Causes respiratory tract irritation.
Toxic if swallowed.

Section XII. ECOLOGICAL INFORMATION FOR REPORTABLE QUANTITY OF 5000 lbs.

LC50	15,400 mg/l - 96 h
EC50	24,500.00 mg/l - 48 h
EC100	10,000.00 mg/l - 24 h

Section XIII. DISPOSAL CONSIDERATIONS

Dispose with normal Laboratory Solvent Waste.

Section XIV. TRANSPORT INFORMATION

DOT (US)
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

IATA
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

Section XV. REGULATORY INFORMATION

OSHA Hazards Flammable liquid, Target Organ Effect, Toxic by inhalation., Toxic by ingestion, Toxic by skin absorption, Irritant
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

Section XVI. Misc. INFORMATION

The information in this Material Safety Data Sheet meets the requirements of the United States Occupational Safety and Health Act and regulations promulgated thereunder (29 CFR 1910.1200 et. seq.) and Global Harmonized System (GHS). This document is intended only as a guide to the appropriate precautionary handling of the material by trained personnel, or supervised by a person trained in chemical handling. The user is responsible for determining the precautions and dangers of this chemical for his or her particular application. Depending on usage, protective clothing including eye and face guards and respirators must be used to avoid contact with material or breathing chemical vapors/fumes. Exposure to this product may have serious adverse health effects. This chemical may interact with other substances. Since the potential uses are so varied, ABSOLUTE STANDARDS INC. cannot warn of all the potential dangers of use or interaction with other chemicals or substances. ABSOLUTE STANDARDS INC. warrants that the chemical meets the specifications set forth on the label. ABSOLUTE STANDARDS INC DISCLAIMS ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED WITH REGARD TO THE PRODUCT SUPPLIED HEREUNDER, ITS MERCHANTABILITY OR ITS FITNESS FOR A PARTICULAR APPLICATION. The user should recognize that this product can cause severe injury or death, especially if improperly handled or the known dangers of use are not heeded. READ ALL PRECAUTIONARY INFORMATION. As new documented general safety information becomes available, Absolute Standards Inc. will periodically revise this Safety Data Sheet. If you have any questions, please call Technical Service at 1-203-281-2917 for assistance.

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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

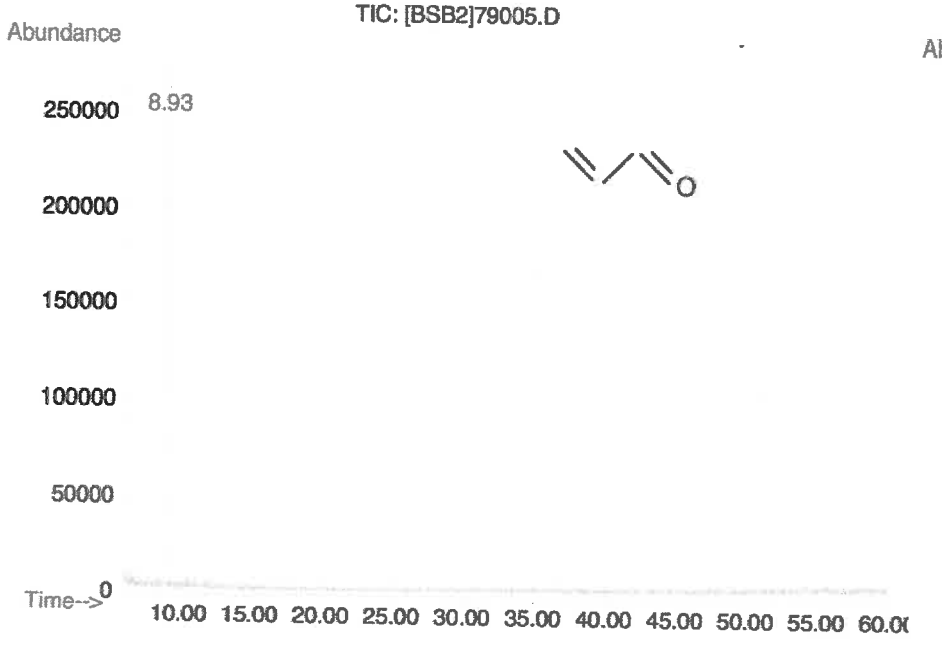
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 10.0 0.001 Flask Uncertainty

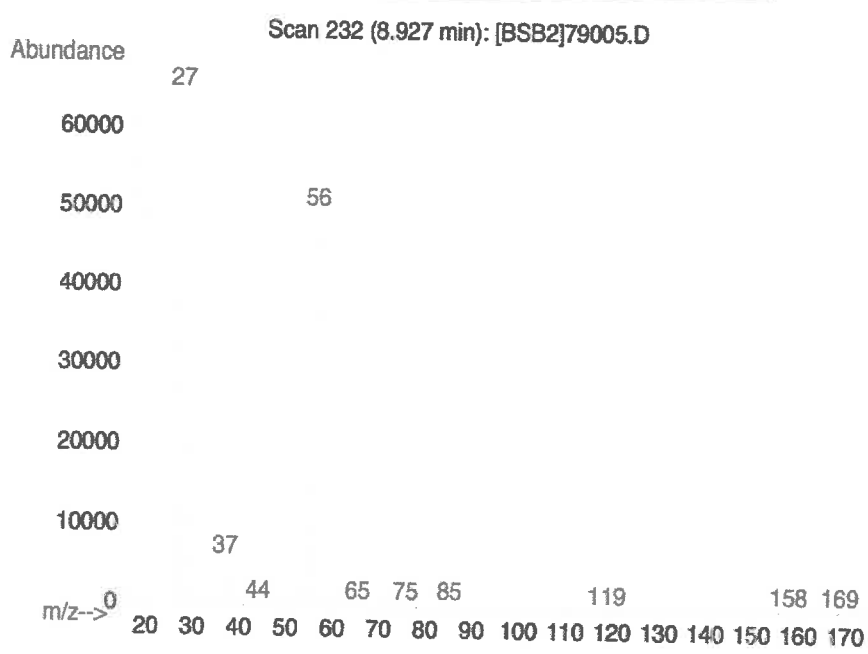
Formulated By: Justin Dippold 091424 DATE

Reviewed By: Pedro L. Rentas 091424 DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acrolein	5	103755V10F	5000	97	0.5	0.05166	0.05175	5008.9	52.5	107-02-8	0.1 ppm	orl-rat 46mg/kg

Method: GC6MSD-1. **Detector:** Mass Selective Detector (Scan mode). **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.). Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Pedro Rentas. **NOTE:** Due to the instability of acrolein in solution, all solutions of acrolein, and any dilutions thereof, should be used immediately Long term storage is not recommended. Please contact our technical department if further information is required.





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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

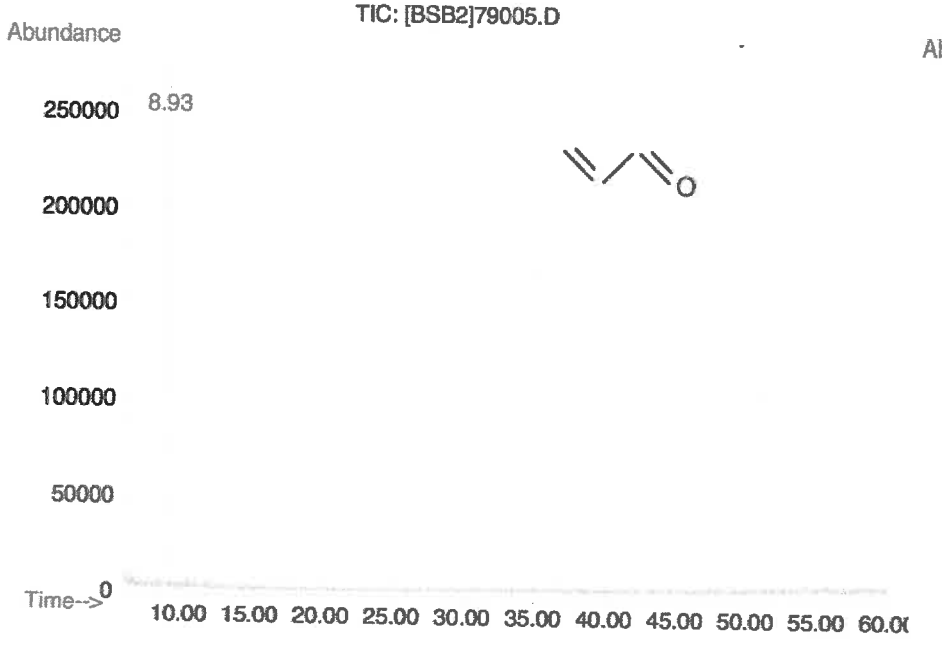
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 10.0 0.001 Flask Uncertainty

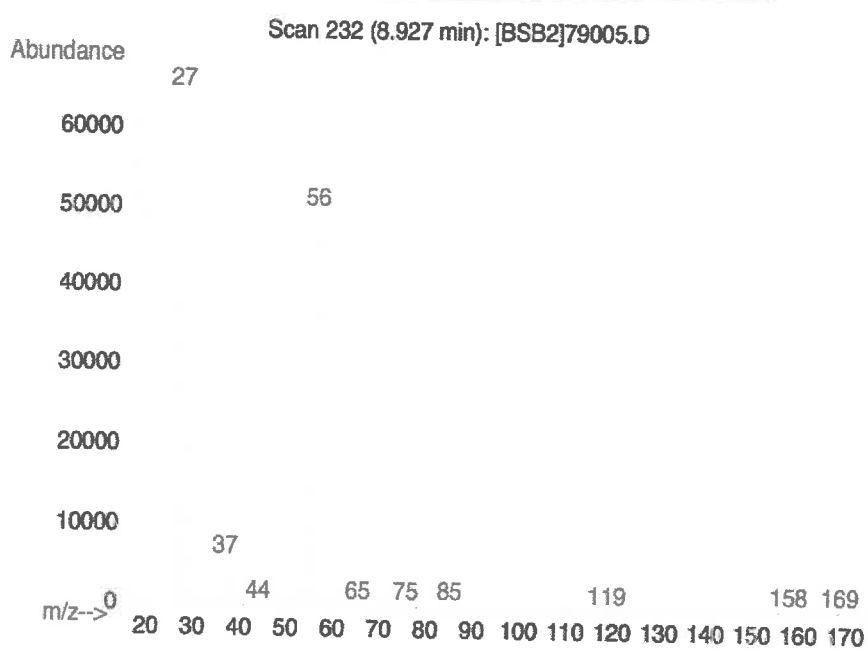
Formulated By: Justin Dippold 091424 DATE

Reviewed By: Pedro L. Rentas 091424 DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acrolein	5	103755V10F	5000	97	0.5	0.05166	0.05175	5008.9	52.5	107-02-8	0.1 ppm	orl-rat 46mg/kg

Method: GC6MSD-1. **Detector:** Mass Selective Detector (Scan mode). **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.). Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Pedro Rentas. **NOTE:** Due to the instability of acrolein in solution, all solutions of acrolein, and any dilutions thereof, should be used immediately Long term storage is not recommended. Please contact our technical department if further information is required.





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CERTIFIED WEIGHT REPORT

Part Number: 95318
Lot Number: 111722
Description: 2-Chloroethyl vinyl ether

Solvent(s): Methanol **Lot#** EB679-US

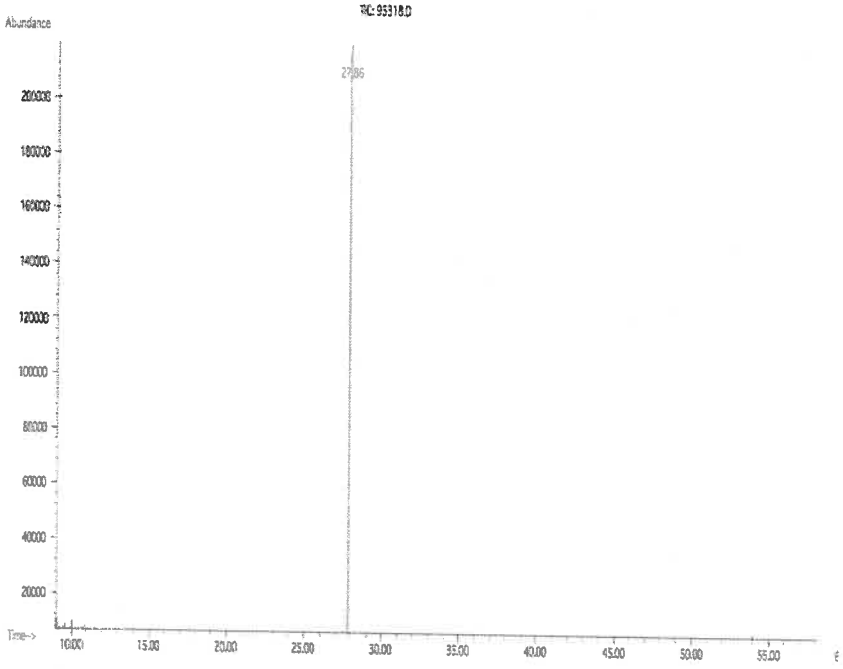
Expiration Date: 111725
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 10000
NIST Test ID#: 6UTB

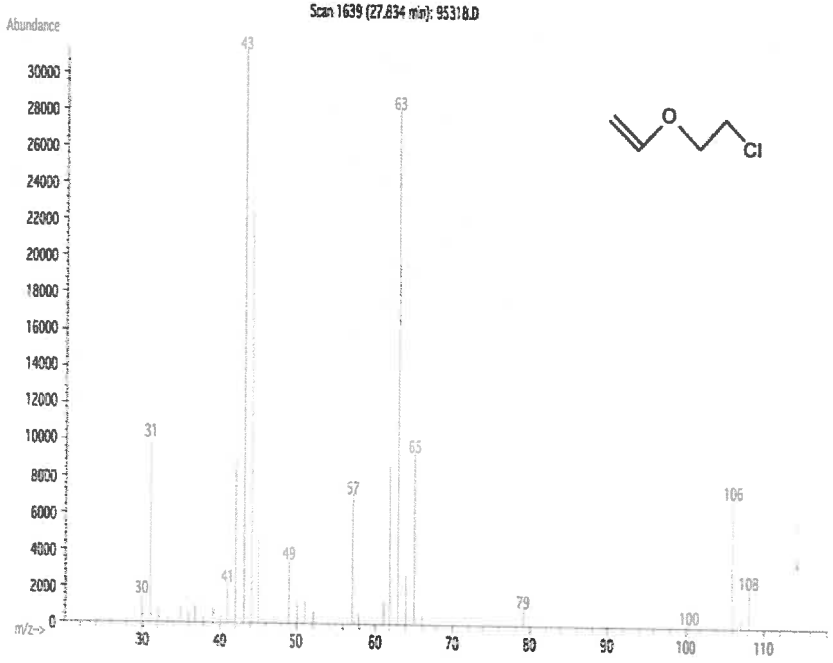
Weight(s) shown below were combined and diluted to (mL): 50.0 | 5E-05 Balance Uncertainty | 0.001 Flask Uncertainty

Eli Aliaga	111722
Formulated By: Eli Aliaga	DATE
Pedro Rentas	111722
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	0.50541	0.50551	10001.9	40.5	110-75-8	N/A	orl-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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CERTIFIED WEIGHT REPORT

Part Number: 95318
Lot Number: 111722
Description: 2-Chloroethyl vinyl ether

Solvent(s): Methanol **Lot#** EB679-US

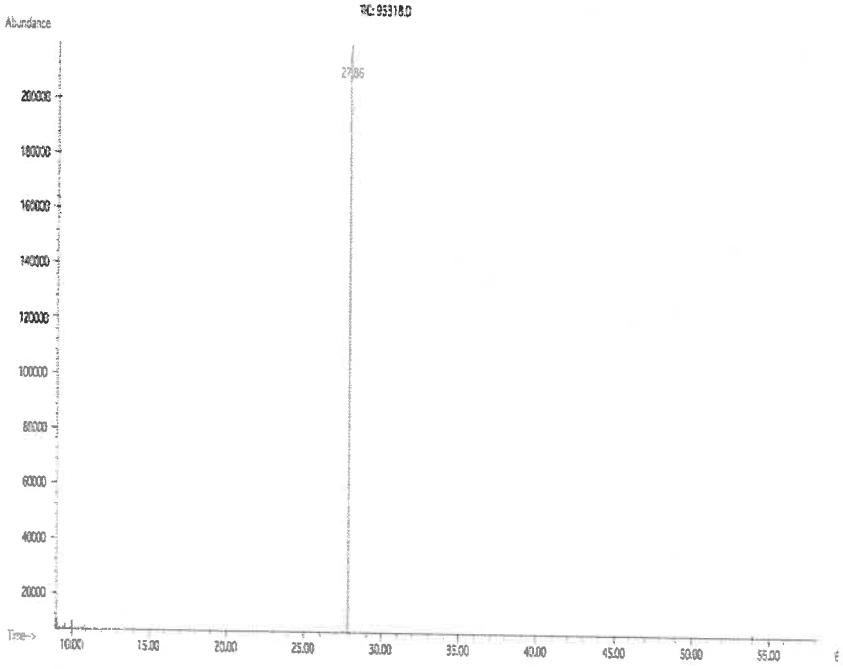
Expiration Date: 111725
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 10000
NIST Test ID#: 6UTB

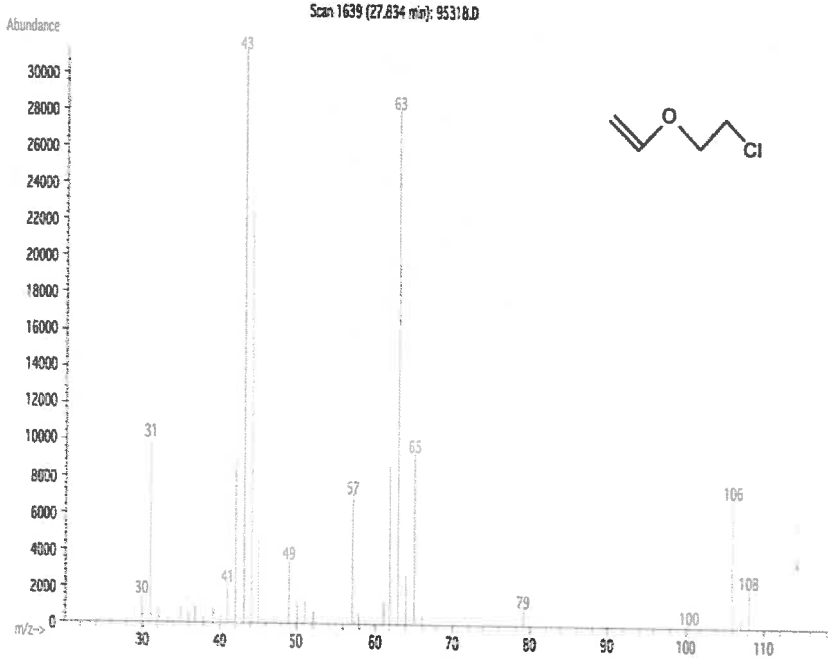
Weight(s) shown below were combined and diluted to (mL): 50.0 | 5E-05 Balance Uncertainty | 0.001 Flask Uncertainty

Eli Aliaga	111722
Formulated By: Eli Aliaga	DATE
Pedro Rentas	111722
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	0.50541	0.50551	10001.9	40.5	110-75-8	N/A	orl-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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20 vial

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CERTIFIED WEIGHT REPORT

Part Number: 95318
Lot Number: 120524
Description: 2-Chloroethyl vinyl ether

Expiration Date: 120527
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 10000
NIST Test ID#: 6UTB

Solvent(s): Methanol **Lot#** EJ143-US

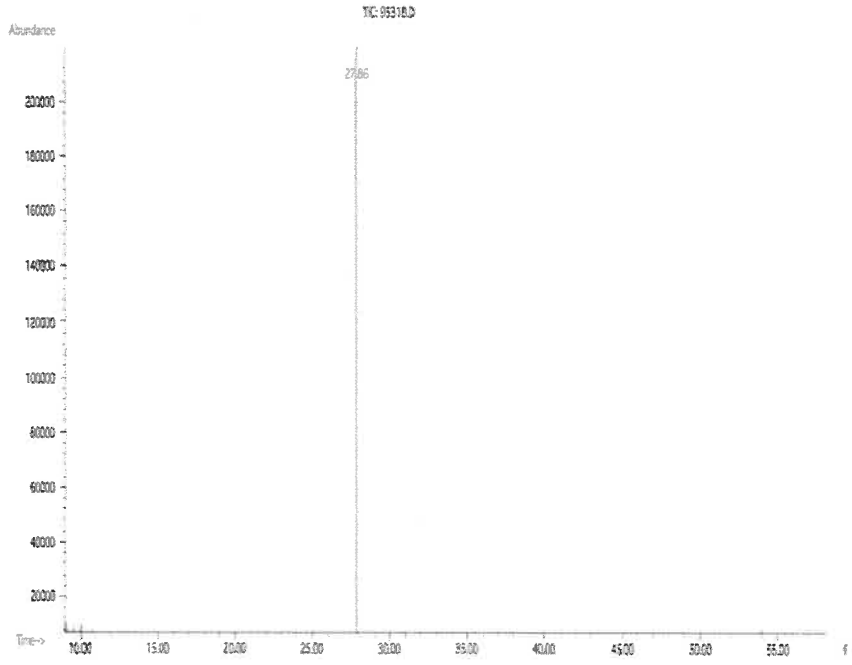
V14630 to V14649

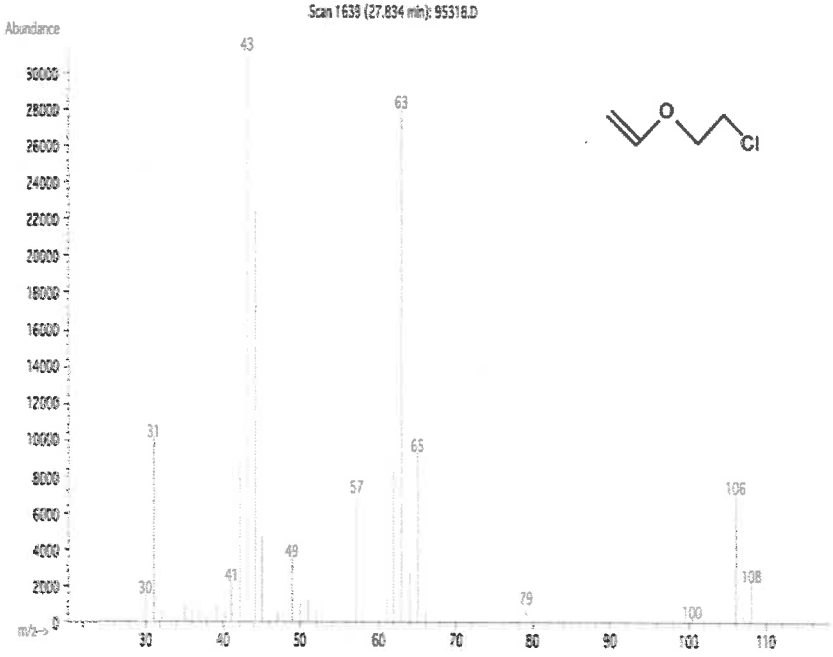
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0 0.001 Flask Uncertainty

Formulated By:	Prashant Chauhan	120524 DATE
Reviewed By:	Pedro L. Rentas	120524 DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g)	Actual Weight (g)	Actual Conc(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. 2-Chloroethyl vinyl ether	74	MKCD0033	10000	99	0.2	0.50536	0.50550	10002.9	40.5	110-75-8	N/A	ori-rat 250mg/kg

Method: GC6MSD-1.M. **Detector:** MSD. **Column:** (60m X 0.25mm X 1.5 µm). **Oven Profile:** Temp 1 = 35°C (Time 1=10min.), Temp 2 = 200°C (Time 2=8.75 min.), Rate = 4°C/min., Injector B Temp.= 200°C, Detector B Temp. = 220°C. **Analyst:** Candice Warren.





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Absolute Standards Inc.
PO Box 5585
Hamden, CT 06518-0585
Phone: 203-281-2917
FAX: 203-281-2922

Safety Data Sheet (SDS) GHS/OSHA Compliant

Section I Product and Company Identification

IDENTITY **ANALYTICAL STANDARD DISSOLVED IN METHANOL**

Manufacturer's Name	ABSOLUTE STANDARDS INC	Emergency Telephone USA & CANADA	**1-800-535-5053**
Address	44 Rossotto Dr. Hamden CT, 06514	Emergency Telephone International Date Prepared/Revised	**1-352-323-3500** January 1, 2024

Section II - Hazards Identification

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

H225	**Highly Flammable Liquid and Vapor**	**H301, 311, 331**	**Toxic if swallowed, skin contact, inhaled**
H370	**Cause damage to organs**	**H351**	**Suspected of causing cancer**
P271	**Use in ventilated area**	**P280**	**Use gloves, eye protection/face sheild**
P302,332	**If on skin, wash with soap and water**	**P305,351,338**	**If in eyes, remove contacts, rinse with water**

Signal Word: DANGER

Section III - Composition

Components (Specific Chemical Identity; Common Name(s))			% (optional)
Methanol	METHYL ALCOHOL	CAS#: 67-56-1	> 97

See Certified Weight Report For Other Analytes Present At Trace Quantities.

INTENDED USE: REFERENCE MATERIAL

Section IV. FIRST AID MEASURES

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.Move to safe area.
If inhaled	If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	Wash with soap and water. Consult a physician.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	Do NOT induce vomiting. Rinse mouth with water. Consult a physician.

Section V. FIREFIGHTING MEASURES

Flammability	Flammable in the presence of a source of ignition when the temperature is above the flash point. Keep away from heat/sparks/open flame/hot surface. No smoking.
Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Protective equipment for fire	Wear self contained breathing apparatus for fire fighting if necessary.

Section VI. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Vapours accumulate to form explosive concentrations.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Clean up	Contain spillage, and then collect and place in container for disposal according to local regulations (see section 13).

Section VII. HANDLING AND STORAGE

Precautions for safe handling	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Use ventilation Keep away from sources of ignition. No smoking. Prevent the build up of electrostatic charge.
Storage Conditions	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Section VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Methanol 67-56-1 TWA 200 ppm
Skin notation TWA 200 ppm
Potential for skin absorption , ingestion and inhalation.
Personal protective equipment Respiratory protection Handle with gloves. Gloves must be inspected prior to use. Eye protection.
Avoid contact with skin, eyes and clothing. Wash hands thoroughly after handling the product.

Section IX - Physical/Chemical Characteristics

Boiling Point	65°C	Specific Gravity (H2O = 1)	0.79
Vapor Pressure (mm Hg)	96	Melting Point	-98°C
Vapor Density (AIR = 1)	1.11	Evaporation rate (Butyl Acetate = 1)	4.6

Solubility in Water COMPLETE

Appearance and Odor CLEAR, COLORLESS LIQUID WITH CHARACTERISTIC PUNGENT ODOR.

Section X. STABILITY AND REACTIVITY

Chemical stability Stable under recommended storage conditions.
Possibility of hazardous reactions Vapours may form explosive mixture with air.
Conditions to avoid Heat, flames, sparks, extreme temperature and sunlight.
Materials to avoid Acid chlorides, Acid anhydrides, Oxidizing agents, Alkali metals, Reducing agents, Acids
Hazardous decomposition products formed under fire conditions. - Carbon oxides

Section XI. TOXICOLOGICAL INFORMATION

LD50 Oral - rat - 5,628 mg/kg
LC50 Inhalation - rat - 4 h - 64000 ppm
LD50 Dermal - rabbit - 15,800 mg/kg
Toxic if absorbed through skin. Causes skin irritation.
Eye damage/eye irritation
Toxic if inhaled. Causes respiratory tract irritation.
Toxic if swallowed.

Section XII. ECOLOGICAL INFORMATION FOR REPORTABLE QUANTITY OF 5000 lbs.

LC50	15,400 mg/l - 96 h
EC50	24,500.00 mg/l - 48 h
EC100	10,000.00 mg/l - 24 h

Section XIII. DISPOSAL CONSIDERATIONS

Dispose with normal Laboratory Solvent Waste.

Section XIV. TRANSPORT INFORMATION

DOT (US)
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

IATA
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

Section XV. REGULATORY INFORMATION

OSHA Hazards Flammable liquid, Target Organ Effect, Toxic by inhalation., Toxic by ingestion, Toxic by skin absorption, Irritant
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

Section XVI. Misc. INFORMATION

The information in this Material Safety Data Sheet meets the requirements of the United States Occupational Safety and Health Act and regulations promulgated thereunder (29 CFR 1910.1200 et. seq.) and Global Harmonized System (GHS). This document is intended only as a guide to the appropriate precautionary handling of the material by trained personnel, or supervised by a person trained in chemical handling. The user is responsible for determining the precautions and dangers of this chemical for his or her particular application. Depending on usage, protective clothing including eye and face guards and respirators must be used to avoid contact with material or breathing chemical vapors/fumes. Exposure to this product may have serious adverse health effects. This chemical may interact with other substances. Since the potential uses are so varied, ABSOLUTE STANDARDS INC. cannot warn of all the potential dangers of use or interaction with other chemicals or substances. ABSOLUTE STANDARDS INC. warrants that the chemical meets the specifications set forth on the label. ABSOLUTE STANDARDS INC DISCLAIMS ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED WITH REGARD TO THE PRODUCT SUPPLIED HEREUNDER, ITS MERCHANTABILITY OR ITS FITNESS FOR A PARTICULAR APPLICATION. The user should recognize that this product can cause severe injury or death, especially if improperly handled or the known dangers of use are not heeded. READ ALL PRECAUTIONARY INFORMATION. As new documented general safety information becomes available, Absolute Standards Inc. will periodically revise this Safety Data Sheet. If you have any questions, please call Technical Service at 1-203-281-2917 for assistance.

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20 vial

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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

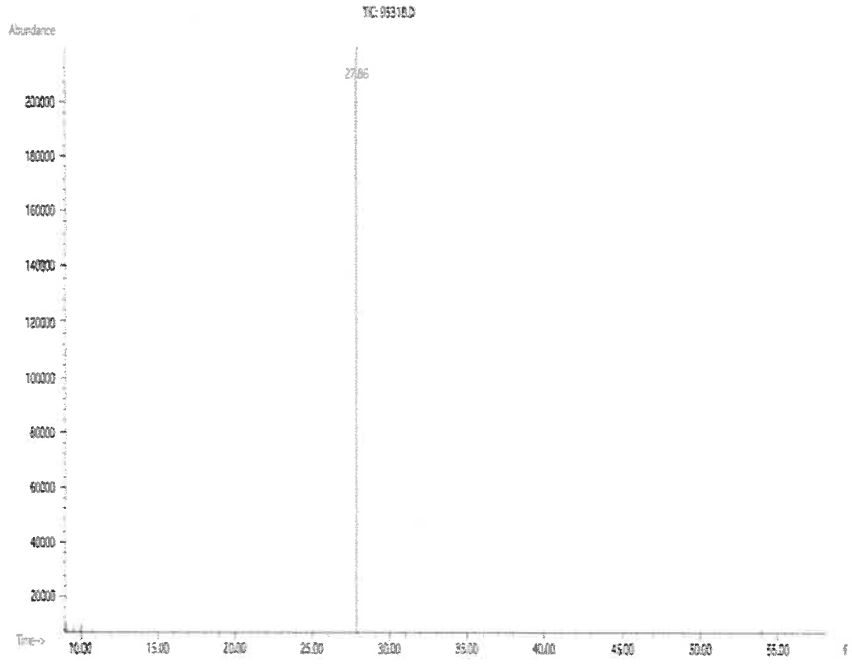
V14630 to V14649

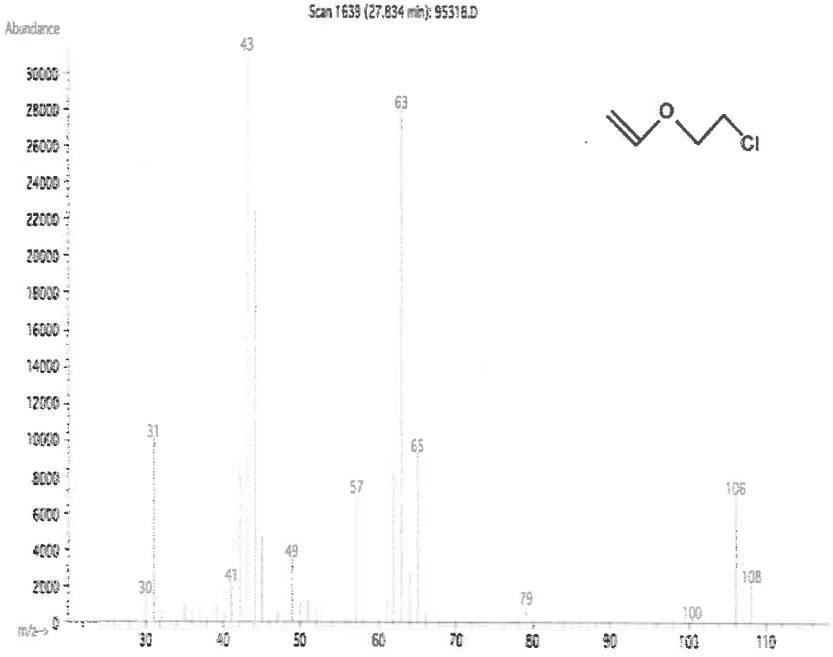
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0 0.001 Flask Uncertainty

Formulated By:	Prashant Chauhan	120524 DATE
Reviewed By:	Pedro L. Rentas	120524 DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g)	Actual Weight (g)	Actual Conc(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. 2-Chloroethyl vinyl ether	74	MKCD0033	10000	99	0.2	0.50536	0.50550	10002.9	40.5	110-75-8	N/A	ori-rat 250mg/kg

Method: GC6MSD-1.M. **Detector:** MSD. **Column:** (60m X 0.25mm X 1.5 µm). **Oven Profile:** Temp 1 = 35°C (Time 1=10min.), Temp 2 = 200°C (Time 2=8.75 min.), Rate = 4°C/min., Injector B Temp.= 200°C, Detector B Temp. = 220°C. **Analyst:** Candice Warren.





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Absolute Standards Inc.
PO Box 5585
Hamden, CT 06518-0585
Phone: 203-281-2917
FAX: 203-281-2922

Safety Data Sheet (SDS) GHS/OSHA Compliant

Section I Product and Company Identification

IDENTITY **ANALYTICAL STANDARD DISSOLVED IN METHANOL**

Manufacturer's Name	ABSOLUTE STANDARDS INC	Emergency Telephone USA & CANADA	**1-800-535-5053**
Address	44 Rossotto Dr. Hamden CT, 06514	Emergency Telephone International Date Prepared/Revised	**1-352-323-3500** January 1, 2024

Section II - Hazards Identification

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

H225	**Highly Flammable Liquid and Vapor**	**H301, 311, 331**	**Toxic if swallowed, skin contact, inhaled**
H370	**Cause damage to organs**	**H351**	**Suspected of causing cancer**
P271	**Use in ventilated area**	**P280**	**Use gloves, eye protection/face sheild**
P302,332	**If on skin, wash with soap and water**	**P305,351,338**	**If in eyes, remove contacts, rinse with water**

Signal Word: DANGER

Section III - Composition

Components (Specific Chemical Identity; Common Name(s))			% (optional)
Methanol	METHYL ALCOHOL	CAS#: 67-56-1	> 97

See Certified Weight Report For Other Analytes Present At Trace Quantities.

INTENDED USE: REFERENCE MATERIAL

Section IV. FIRST AID MEASURES

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.Move to safe area.
If inhaled	If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	Wash with soap and water. Consult a physician.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	Do NOT induce vomiting. Rinse mouth with water. Consult a physician.

Section V. FIREFIGHTING MEASURES

Flammability	Flammable in the presence of a source of ignition when the temperature is above the flash point. Keep away from heat/sparks/open flame/hot surface. No smoking.
Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Protective equipment for fire	Wear self contained breathing apparatus for fire fighting if necessary.

Section VI. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Vapours accumulate to form explosive concentrations.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Clean up	Contain spillage, and then collect and place in container for disposal according to local regulations (see section 13).

Section VII. HANDLING AND STORAGE

Precautions for safe handling	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Use ventilation Keep away from sources of ignition. No smoking. Prevent the build up of electrostatic charge.
Storage Conditions	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Section VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Methanol 67-56-1 TWA 200 ppm
Skin notation TWA 200 ppm
Potential for skin absorption , ingestion and inhalation.
Personal protective equipment Respiratory protection Handle with gloves. Gloves must be inspected prior to use. Eye protection.
Avoid contact with skin, eyes and clothing. Wash hands thoroughly after handling the product.

Section IX - Physical/Chemical Characteristics

Boiling Point	65°C	Specific Gravity (H2O = 1)	0.79
Vapor Pressure (mm Hg)	96	Melting Point	-98°C
Vapor Density (AIR = 1)	1.11	Evaporation rate (Butyl Acetate = 1)	4.6

Solubility in Water COMPLETE

Appearance and Odor CLEAR, COLORLESS LIQUID WITH CHARACTERISTIC PUNGENT ODOR.

Section X. STABILITY AND REACTIVITY

Chemical stability Stable under recommended storage conditions.
Possibility of hazardous reactions Vapours may form explosive mixture with air.
Conditions to avoid Heat, flames, sparks, extreme temperature and sunlight.
Materials to avoid Acid chlorides, Acid anhydrides, Oxidizing agents, Alkali metals, Reducing agents, Acids
Hazardous decomposition products formed under fire conditions. - Carbon oxides

Section XI. TOXICOLOGICAL INFORMATION

LD50 Oral - rat - 5,628 mg/kg
LC50 Inhalation - rat - 4 h - 64000 ppm
LD50 Dermal - rabbit - 15,800 mg/kg
Toxic if absorbed through skin. Causes skin irritation.
Eye damage/eye irritation
Toxic if inhaled. Causes respiratory tract irritation.
Toxic if swallowed.

Section XII. ECOLOGICAL INFORMATION FOR REPORTABLE QUANTITY OF 5000 lbs.

LC50	15,400 mg/l - 96 h
EC50	24,500.00 mg/l - 48 h
EC100	10,000.00 mg/l - 24 h

Section XIII. DISPOSAL CONSIDERATIONS

Dispose with normal Laboratory Solvent Waste.

Section XIV. TRANSPORT INFORMATION

DOT (US)
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

IATA
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

Section XV. REGULATORY INFORMATION

OSHA Hazards Flammable liquid, Target Organ Effect, Toxic by inhalation., Toxic by ingestion, Toxic by skin absorption, Irritant
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

Section XVI. Misc. INFORMATION

The information in this Material Safety Data Sheet meets the requirements of the United States Occupational Safety and Health Act and regulations promulgated thereunder (29 CFR 1910.1200 et. seq.) and Global Harmonized System (GHS). This document is intended only as a guide to the appropriate precautionary handling of the material by trained personnel, or supervised by a person trained in chemical handling. The user is responsible for determining the precautions and dangers of this chemical for his or her particular application. Depending on usage, protective clothing including eye and face guards and respirators must be used to avoid contact with material or breathing chemical vapors/fumes. Exposure to this product may have serious adverse health effects. This chemical may interact with other substances. Since the potential uses are so varied, ABSOLUTE STANDARDS INC. cannot warn of all the potential dangers of use or interaction with other chemicals or substances. ABSOLUTE STANDARDS INC. warrants that the chemical meets the specifications set forth on the label. ABSOLUTE STANDARDS INC DISCLAIMS ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED WITH REGARD TO THE PRODUCT SUPPLIED HEREUNDER, ITS MERCHANTABILITY OR ITS FITNESS FOR A PARTICULAR APPLICATION. The user should recognize that this product can cause severe injury or death, especially if improperly handled or the known dangers of use are not heeded. READ ALL PRECAUTIONARY INFORMATION. As new documented general safety information becomes available, Absolute Standards Inc. will periodically revise this Safety Data Sheet. If you have any questions, please call Technical Service at 1-203-281-2917 for assistance.

Absolute Standards, Inc.
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Certified Reference Material CRM

Rec 12/6/24
20 vial

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 95318
Lot Number: 120524
Description: 2-Chloroethyl vinyl ether

Expiration Date: 120527
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 10000
NIST Test ID#: 6UTB

Solvent(s): Methanol **Lot#** EJ143-US

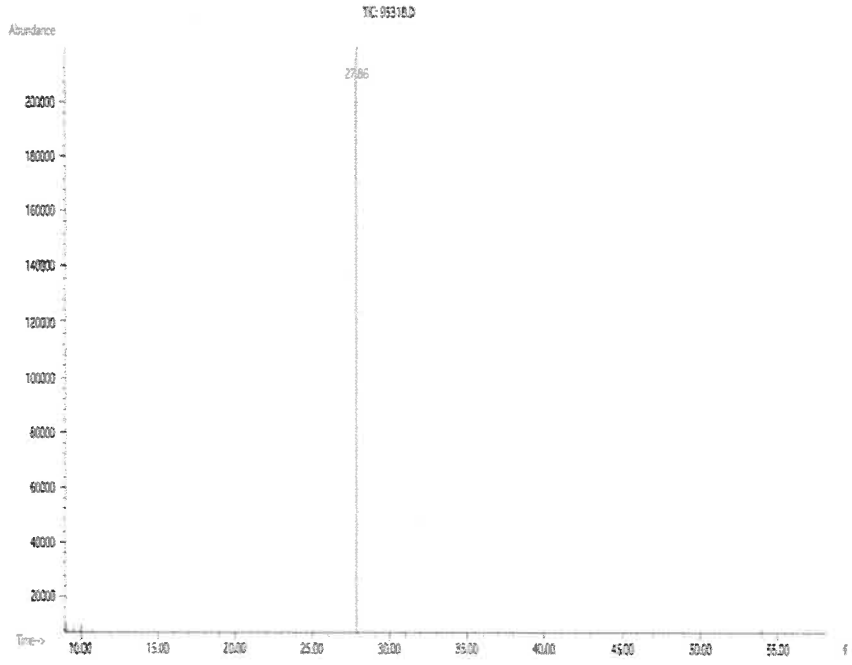
V14630 to V14649

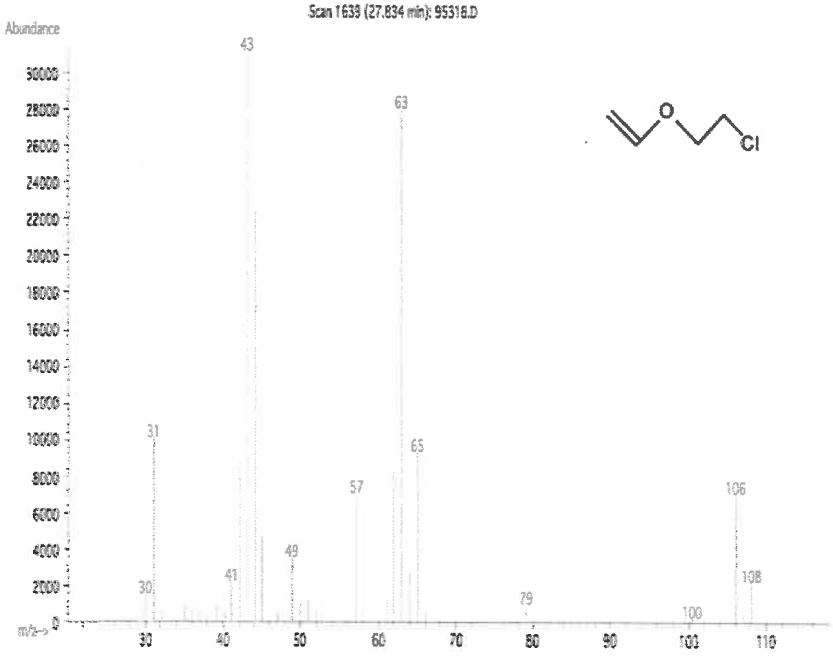
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0 0.001 Flask Uncertainty

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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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.
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
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LC50	15,400 mg/l - 96 h
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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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Description: 2-Chloroethyl vinyl ether

Expiration Date: 120527
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 10000
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5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0 0.001 Flask Uncertainty

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Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g)	Actual Weight (g)	Actual Conc(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
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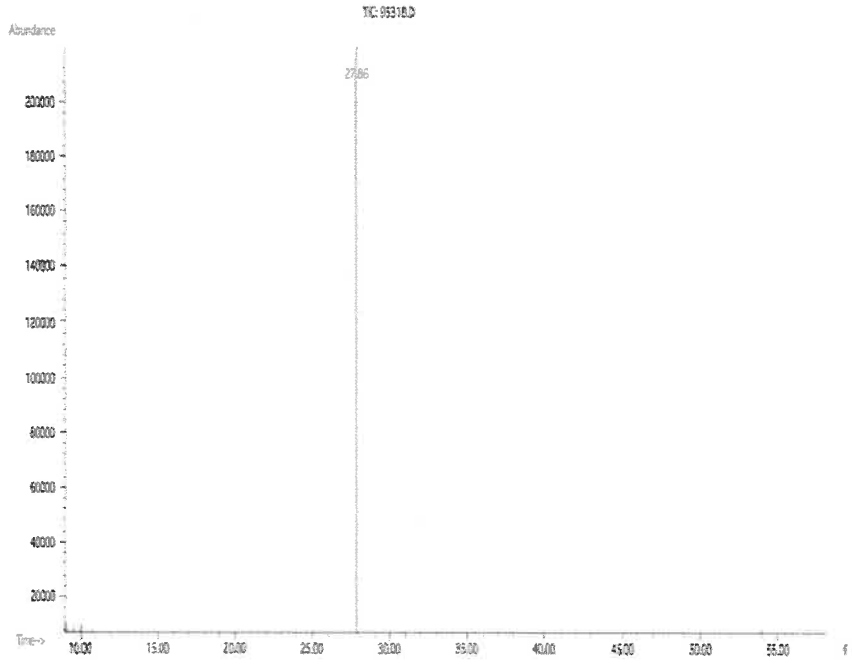
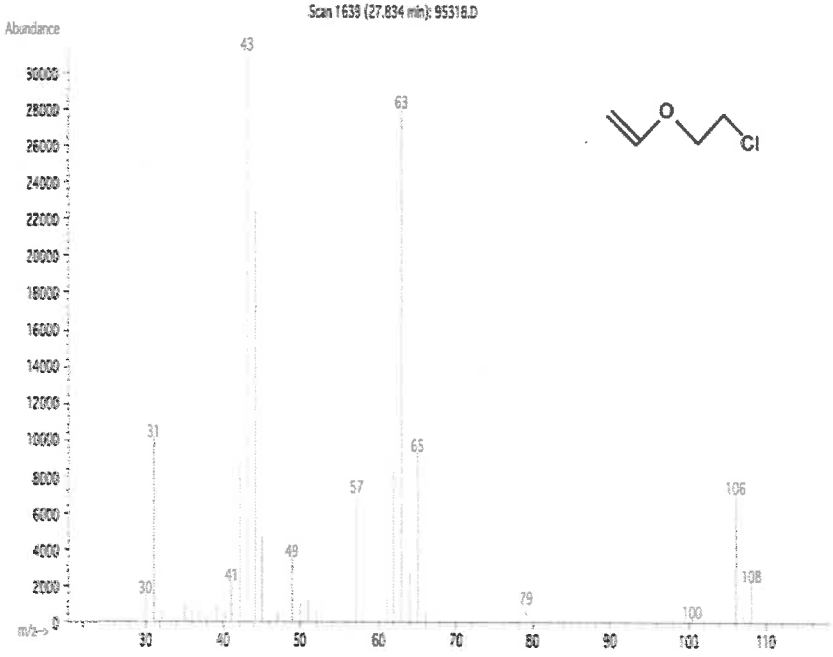
Method: GC6MSD-1.M. **Detector:** MSD. **Column:** (60m X 0.25mm X 1.5 µm). **Oven Profile:** Temp 1 = 35°C (Time 1=10min.), Temp 2 = 200°C (Time 2=8.75 min.), Rate = 4°C/min., Injector B Temp.= 200°C, Detector B Temp. = 220°C. **Analyst:** Candice Warren.





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Section XIII. DISPOSAL CONSIDERATIONS

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Section XIV. TRANSPORT INFORMATION

DOT (US)
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

IATA
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Section XV. REGULATORY INFORMATION

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4 J

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Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

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. : 30470 **Lot No.:** A0191703

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 : November 30, 2025 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	tert-Butanol (TBA)	50,122.0 µg/mL	+/- 293.4753 µg/mL	Gravimetric
	CAS # 75-65-0 (Lot 101619K21F-1)		+/- 1,073.6797 µg/mL	Unstressed
	Purity 99%		+/- 1,104.8612 µg/mL	Stressed

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

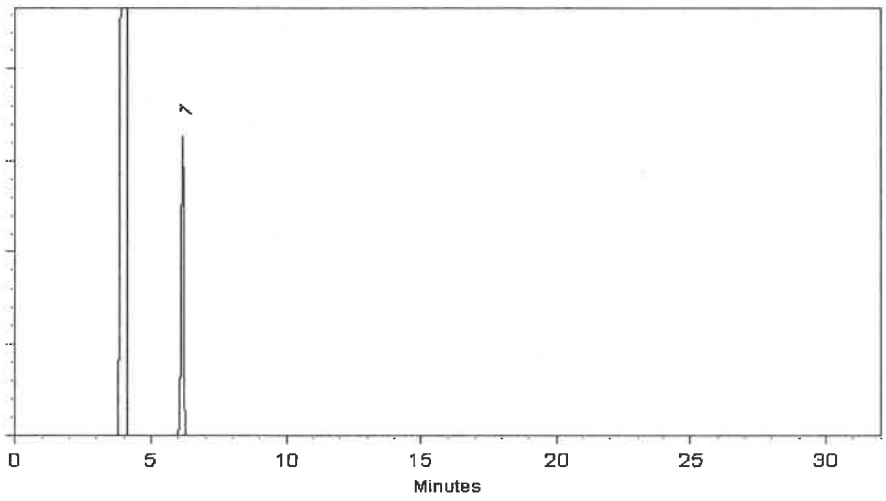
Carrier Gas:
hydrogen-constant pressure 11.0 psi.

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



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:** 15-Nov-2022 **Balance:** 1127510105

Jennifer Pollino - Operations Tech III - ARM QC **Date Passed:** 17-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 combined stressed uncertainty value (includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ stressed} = k\sqrt{U^2_{gravimetric} + U^2_{homogeneity} + U^2_{storage\ stability} + U^2_{shipping\ stability}}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- It is important to note that the shipping stability uncertainty was obtained under temperature extremes for specific time intervals; therefore, the certified combined stressed uncertainty value should only be applied to the product if it was stored at non-standard temperature conditions up to and including 7 days. Contact Restek Technical Service at www.restek.com/Contact-Us for use recommendations if your shipment was in-transit for more than 7 days at non-standard temperature conditions.
- Apply the certified combined unstressed uncertainty value if the product was received under standard shipping conditions. Apply the certified combined stressed uncertainty value if the product was received under non-standard conditions as specified below.

Label Conditions	Standard Conditions	Non-Standard Conditions
25°C Nominal (Room Temperature)	< 60°C	≥ 60°C up to 7 days
10°C or colder (Refrigerate)	< 40°C	≥ 40°C up to 7 days
0°C or colder (Freezer) -20°C or colder (Deep Freezer)	< 25°C	≥ 25°C up to 7 days

- Separate (not combined) uncertainty values for gravimetric uncertainty are also displayed on the certificate, if needed, separate homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty values are available by contacting Restek Technical Service at www.restek.com/Contact-Us.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampules 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 ampules. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.

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Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 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.)

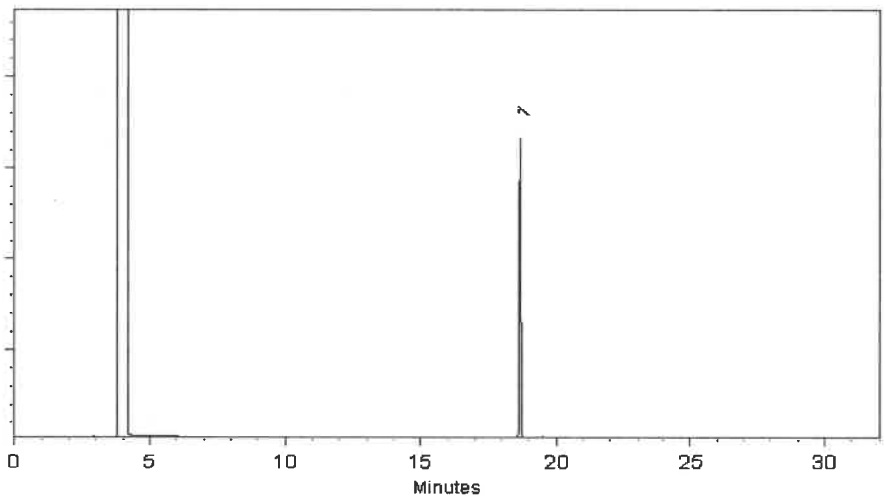
Inj. Temp:
200°C

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. : 30042 **Lot No.:** A0197644

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 : January 31, 2030 **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	00012554	99%	2,001.6 µg/mL	+/- 112.7159
2	Chloromethane (methyl chloride)	74-87-3	SHBM9611	99%	2,002.0 µg/mL	+/- 112.7840
3	Vinyl chloride	75-01-4	00015559	99%	2,002.2 µg/mL	+/- 112.6713
4	Bromomethane (methyl bromide)	74-83-9	101604	99%	2,006.4 µg/mL	+/- 112.8861
5	Chloroethane (ethyl chloride)	75-00-3	107-401039114-1	99%	2,000.9 µg/mL	+/- 112.5990
6	Trichlorofluoromethane (CFC-11)	75-69-4	MKCL8411	99%	1,999.2 µg/mL	+/- 112.4861

* 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.

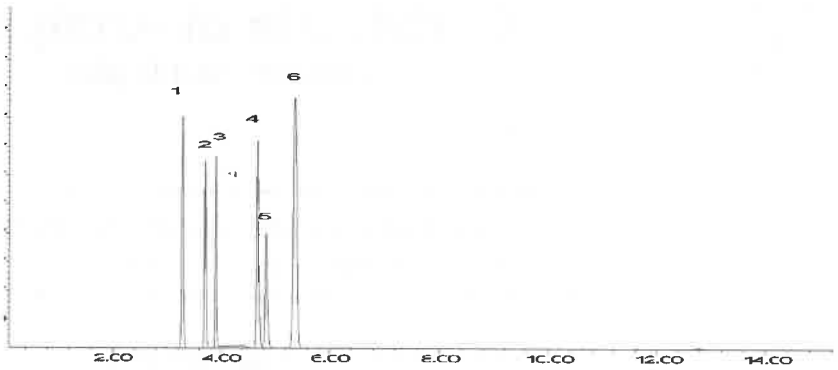
Inj. Temp:
200°C

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.

Brittany Federinko - Operations Tech I

Date Mixed: 02-May-2023 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 08-May-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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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.)

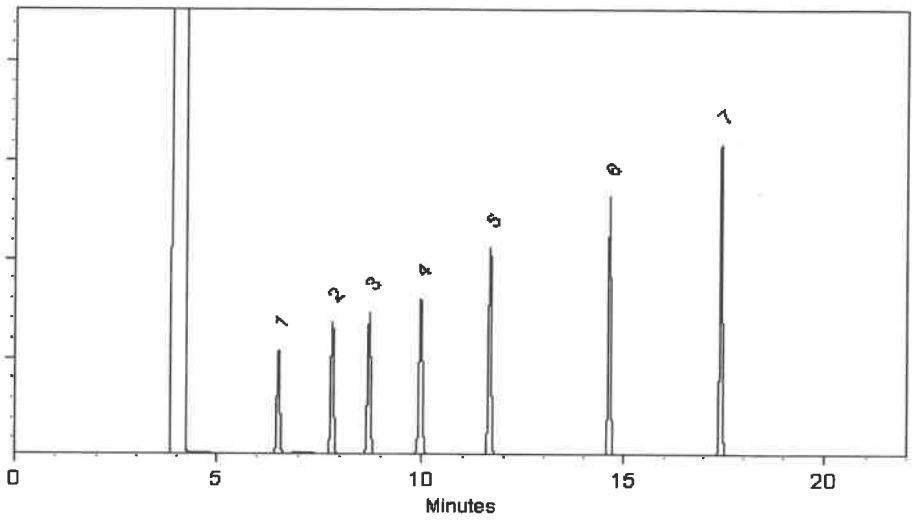
Inj. Temp:
200°C

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.
- 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. : 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.)

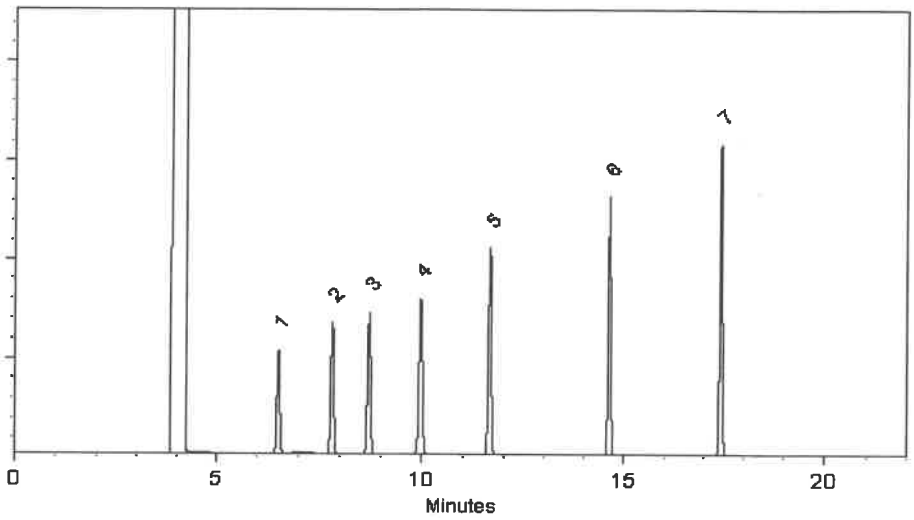
Inj. Temp:
200°C

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.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

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- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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gravimetric

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Reference Material Producer
Certificate #3222.01

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Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555581 **Lot No.:** A0210184

Description : Custom 8260 Internal Standard Mix

Custom 8260 Internal Standard Mix 25,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2027 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	25,212.0 µg/mL	+/- 1,427.8857
2	1,4-Difluorobenzene	540-36-3	MKCS8657	99%	25,220.0 µg/mL	+/- 1,428.3388
3	Chlorobenzene-d5	3114-55-4	PR-31132	99%	25,116.0 µg/mL	+/- 1,422.4487
4	Pentafluorobenzene	363-72-4	MKCR9383	99%	25,180.0 µg/mL	+/- 1,426.0734

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

John Friedline - Operations Technician I

Date Mixed: 11-Apr-2024 **Balance:** 1127510105

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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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.)

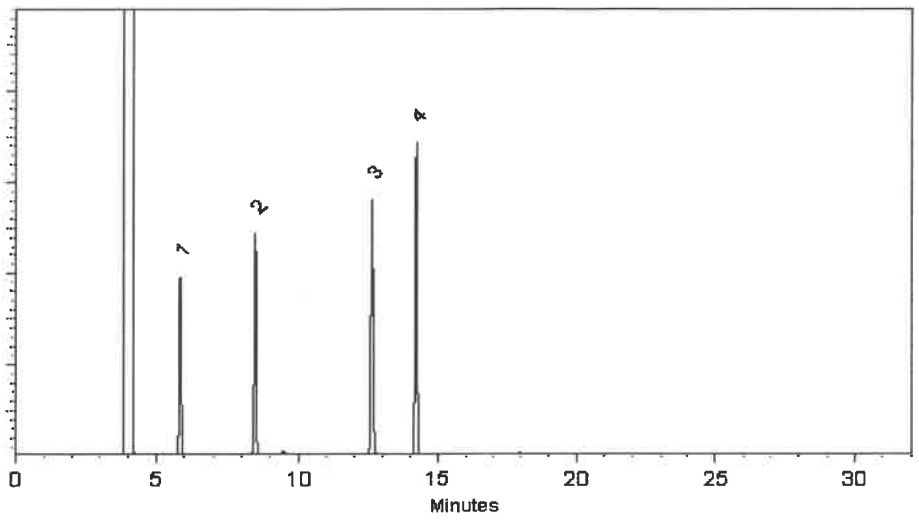
Inj. Temp:
200°C

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.
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Certified Uncertainty Value Notes:

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  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- 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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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.)

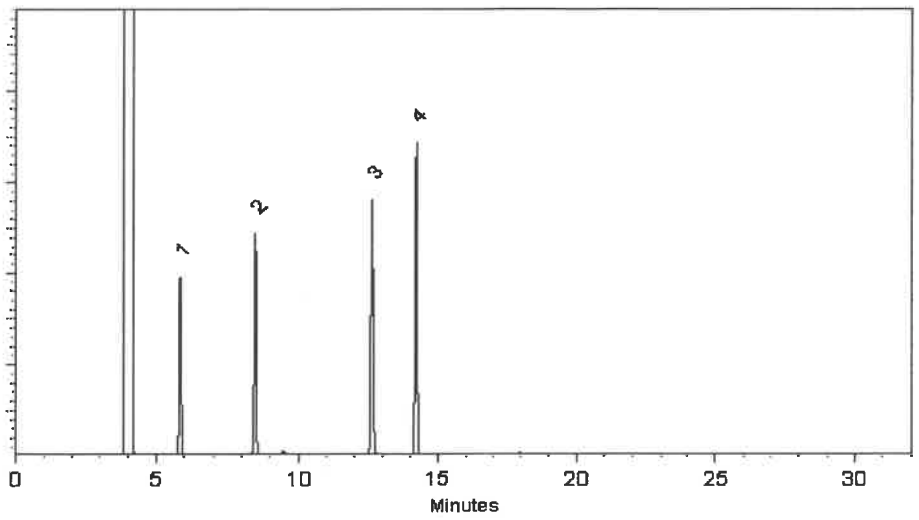
Inj. Temp:
200°C

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.
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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:

- 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.)

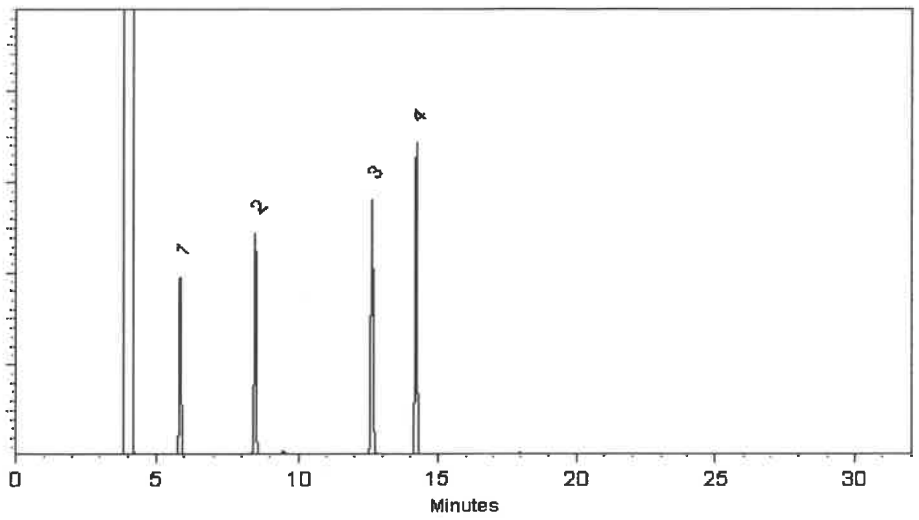
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Dakota Parson - Operations Technician I

Date Mixed: 22-Apr-2024 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Apr-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
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- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

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Dec: 12/09/24

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30225 **Lot No.:** A0214960

Description : Bromochloromethane Standard

Bromochloromethane 2000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Bromochloromethane	74-97-5	SYN240416CTH	99%	2,012.0 µg/mL	+/- 113.0519

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

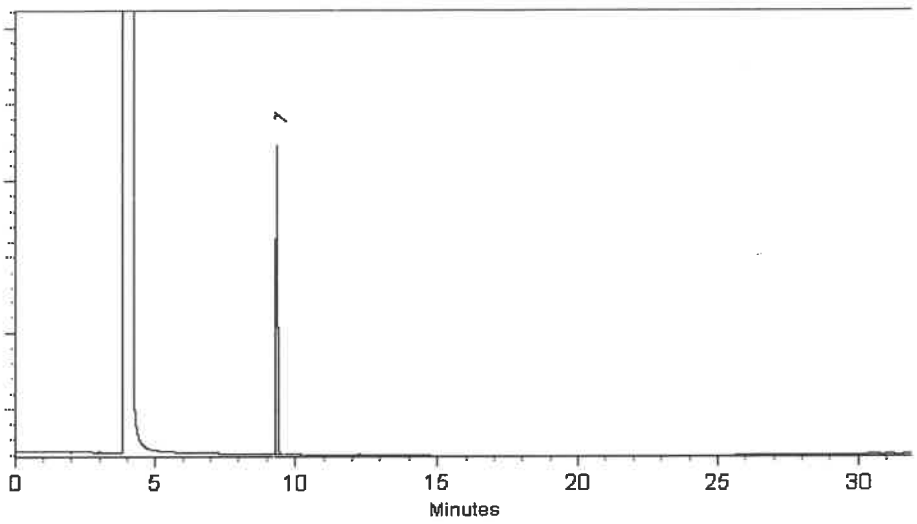
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Stacey Wanner - Operations Technician I

Date Mixed: 08-Aug-2024 **Balance Serial #** 1127510105

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 14-Aug-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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10 vial.

CERTIFIED REFERENCE MATERIAL

Dec: 12/09/24

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30225 **Lot No.:** A0214960

Description : Bromochloromethane Standard

Bromochloromethane 2000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Bromochloromethane	74-97-5	SYN240416CTH	99%	2,012.0 µg/mL	+/- 113.0519

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

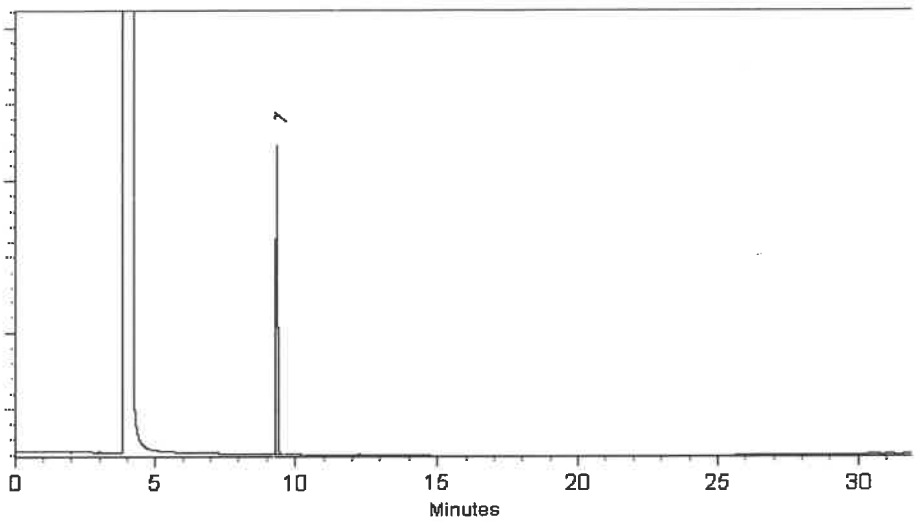
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



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Stacey Wanner - Operations Technician I

Date Mixed: 08-Aug-2024 **Balance Serial #** 1127510105

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 14-Aug-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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Dec: 12/09/24

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V14667 to
V14676

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Reference Material Producer
Certificate #3222.01

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ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30225 **Lot No.:** A0214960

Description : Bromochloromethane Standard

Bromochloromethane 2000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Bromochloromethane	74-97-5	SYN240416CTH	99%	2,012.0 µg/mL	+/- 113.0519

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

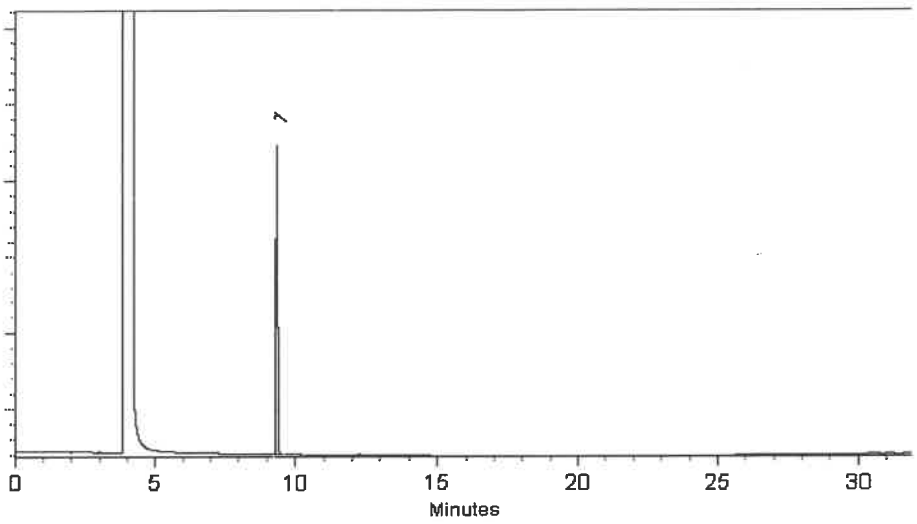
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Stacey Wanner - Operations Technician I

Date Mixed: 08-Aug-2024 **Balance Serial #** 1127510105

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 14-Aug-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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Dec: 12/09/24

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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. : 30225 **Lot No.:** A0214960

Description : Bromochloromethane Standard

Bromochloromethane 2000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Bromochloromethane	74-97-5	SYN240416CTH	99%	2,012.0 µg/mL	+/- 113.0519

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

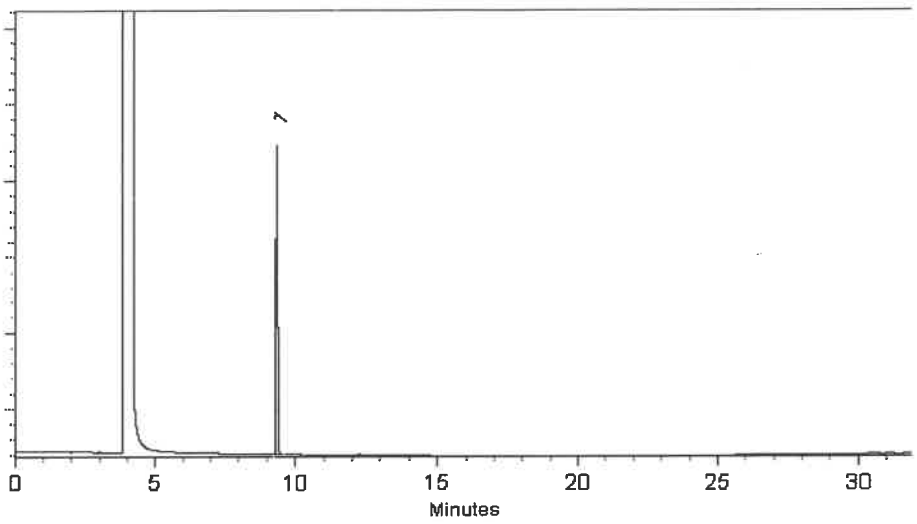
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Stacey Wanner - Operations Technician I

Date Mixed: 08-Aug-2024 **Balance Serial #** 1127510105

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 14-Aug-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30042 **Lot No.:** A0216826

Description : 502.2 Calibration Mix #1

502.2 Calibration Mix #1 2,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2031 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8	00022922	99%	2,000.9 µg/mL	+/- 112.4144
2	Chloromethane (methyl chloride)	74-87-3	00022694	99%	2,000.7 µg/mL	+/- 112.3998
3	Vinyl chloride	75-01-4	00015559	99%	2,000.3 µg/mL	+/- 112.3779
4	Bromomethane (methyl bromide)	74-83-9	00017022	99%	2,001.8 µg/mL	+/- 112.4650
5	Chloroethane (ethyl chloride)	75-00-3	107-401039114-1	99%	2,000.1 µg/mL	+/- 112.3700
6	Trichlorofluoromethane (CFC-11)	75-69-4	MKCJ8658	99%	2,000.7 µg/mL	+/- 112.3992

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol

CAS # 67-56-1

Purity 99%

Quality Confirmation Test

Column:
60m x 0.25mm x 1.4µm
Rtx-502.2 (cat.#10916)

Carrier Gas:
helium-constant flow 2.0 mL/min.

Temp. Program:
40°C (hold 6 min.) to 100°C
@ 6°C/min.

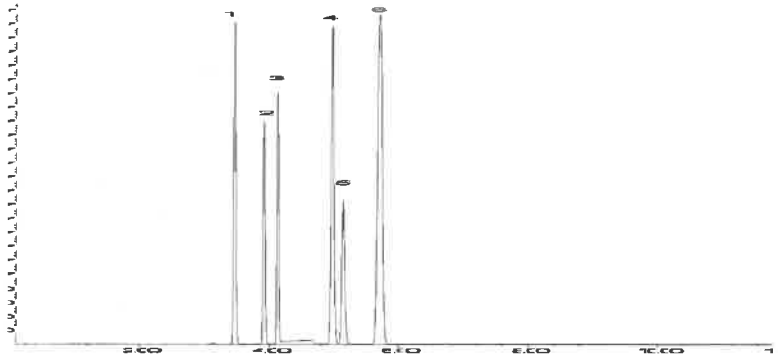
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
MSD

Split Vent:
Split ratio 10:1

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Tom Suckar - Mix Technician

Date Mixed: 23-Sep-2024 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 04-Oct-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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V14727 to V14756

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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. : 30042 **Lot No.:** A0216826

Description : 502.2 Calibration Mix #1

502.2 Calibration Mix #1 2,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2031 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8	00022922	99%	2,000.9 µg/mL	+/- 112.4144
2	Chloromethane (methyl chloride)	74-87-3	00022694	99%	2,000.7 µg/mL	+/- 112.3998
3	Vinyl chloride	75-01-4	00015559	99%	2,000.3 µg/mL	+/- 112.3779
4	Bromomethane (methyl bromide)	74-83-9	00017022	99%	2,001.8 µg/mL	+/- 112.4650
5	Chloroethane (ethyl chloride)	75-00-3	107-401039114-1	99%	2,000.1 µg/mL	+/- 112.3700
6	Trichlorofluoromethane (CFC-11)	75-69-4	MKCJ8658	99%	2,000.7 µg/mL	+/- 112.3992

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol

CAS # 67-56-1

Purity 99%

Quality Confirmation Test

Column:
60m x 0.25mm x 1.4µm
Rtx-502.2 (cat.#10916)

Carrier Gas:
helium-constant flow 2.0 mL/min.

Temp. Program:
40°C (hold 6 min.) to 100°C
@ 6°C/min.

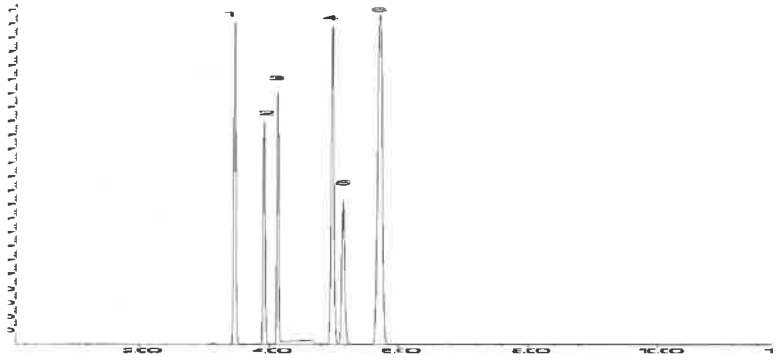
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
MSD

Split Vent:
Split ratio 10:1

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Tom Suckar - Mix Technician

Date Mixed: 23-Sep-2024 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 04-Oct-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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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.)

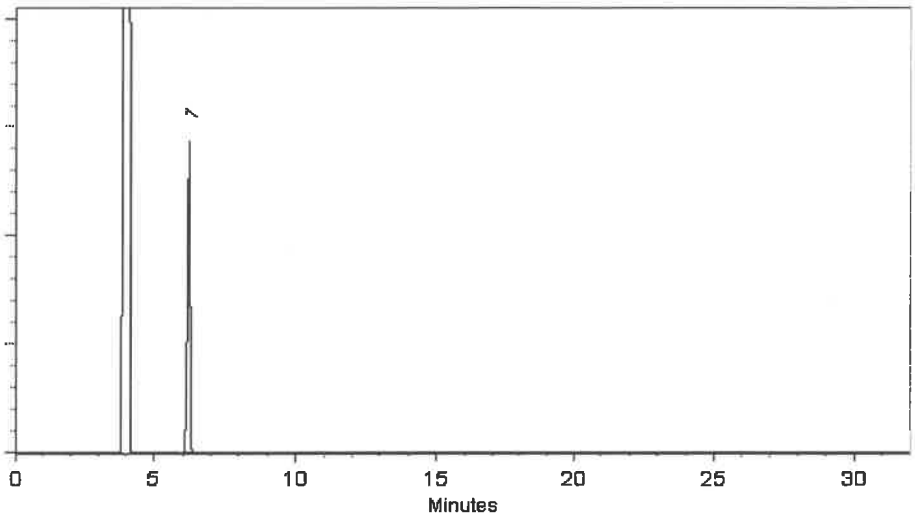
Inj. Temp:
200°C

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.
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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%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Zoviny Rec 01/08/21

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic

V14803 - V14822

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555408-SL **Lot No.:** A0220471

Description : Custom Vinyl Acetate Standard

Custom Vinyl Acetate Standard 8,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 30, 2026 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Vinyl acetate	108-05-4	RD240423RSR	99%	8,066.0 µg/mL	+/- 278.7979

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:

Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods . Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this reason, we offer vinyl acetate in individual solution, and suggest that it be introduced into the working level calibration solution immediately before use. This will minimize problems and ensure more consistent results.

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

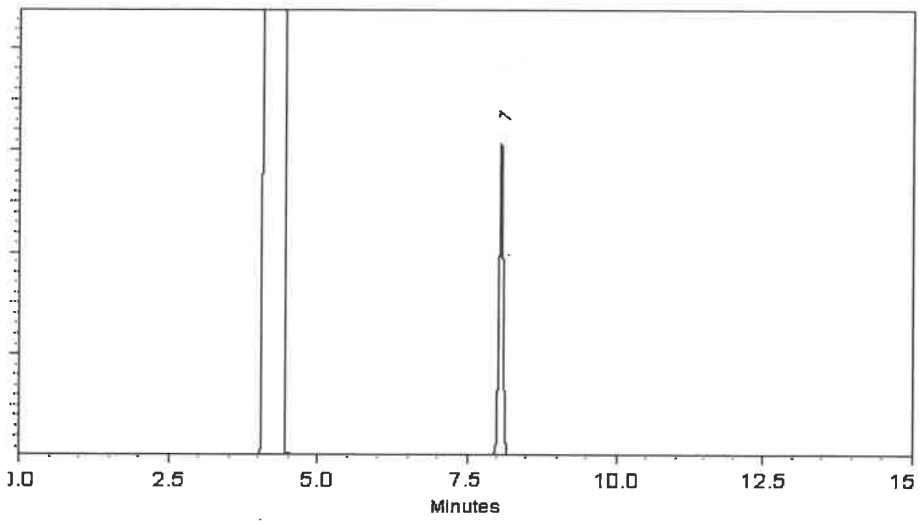
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Ethan Winiarski - Operations Tech I

Date Mixed: 24-Dec-2024 **Balance Serial #** 1127510105

Dillan Murphy - Operations Technician I

Date Passed: 02-Jan-2025

REVIEWED

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Zoviny Rec 01/08/21

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110 Benner Circle
Bellefonte, PA 16823-8812
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Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic

V14803 - V14822

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555408-SL **Lot No.:** A0220471

Description : Custom Vinyl Acetate Standard

Custom Vinyl Acetate Standard 8,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 30, 2026 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Vinyl acetate	108-05-4	RD240423RSR	99%	8,066.0 µg/mL	+/- 278.7979

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:

Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods . Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this reason, we offer vinyl acetate in individual solution, and suggest that it be introduced into the working level calibration solution immediately before use. This will minimize problems and ensure more consistent results.

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

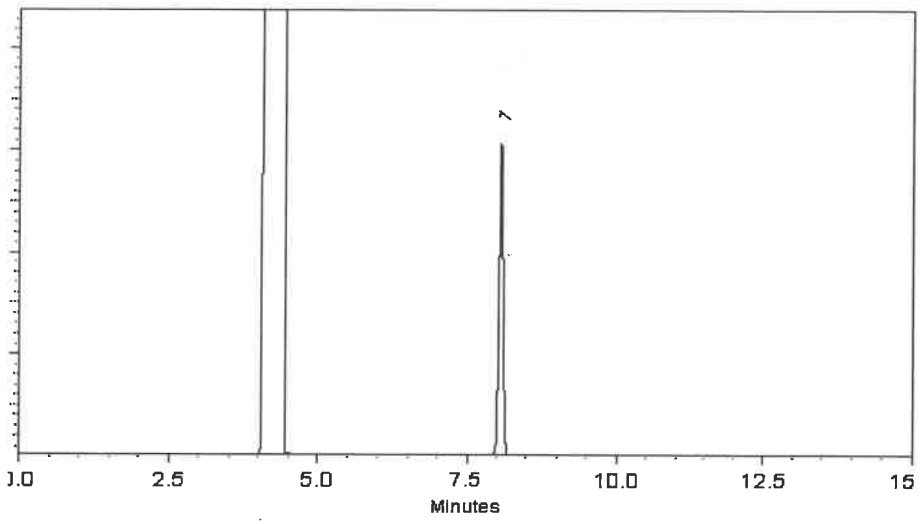
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Ethan Winiarski - Operations Tech I

Date Mixed: 24-Dec-2024 **Balance Serial #** 1127510105

Dillan Murphy - Operations Technician I

Date Passed: 02-Jan-2025

REVIEWED

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  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.

10 vial Rec 01/08/25

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CERTIFIED REFERENCE MATERIAL

ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

Certificate of Analysis

chromatographic

V14793 to 14802

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-FL **Lot No.:** A0220563

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%	8,060.0 µg/mL	+/- 278.5905

* 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.)

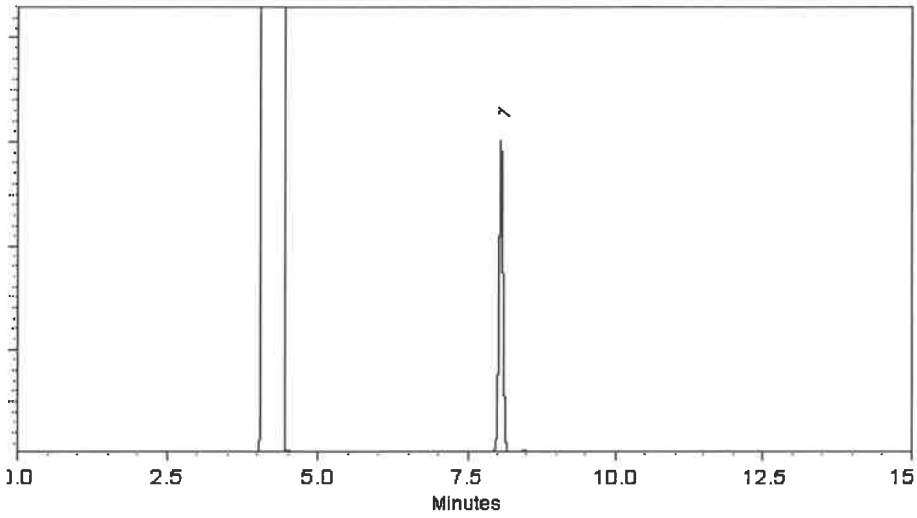
Inj. Temp:
200°C

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.

Tom Suckar - Mix Technician

Date Mixed: 30-Dec-2024 **Balance Serial #** B345965662

Dillan Murphy - Operations Technician I

Date Passed: 02-Jan-2025

REVIEWED

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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10 vial
Lee 03/31/25

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric

V14904 to V14913

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555582 **Lot No.:** A0223904

Description : Custom 8260A/B Surrogate Mix

Custom 8260A/B Surrogate Mix 25,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 31, 2028 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,2-Dichloroethane-d4	17060-07-0	PR-33313	99%	25,108.0 µg/mL	+/- 1,421.9957
2	1-Bromo-4-fluorobenzene (BFB)	460-00-4	0000268853	99%	25,108.0 µg/mL	+/- 1,421.9957
3	Dibromofluoromethane	1868-53-7	VENKAT02	99%	25,232.0 µg/mL	+/- 1,429.0184
4	Toluene-d8	2037-26-5	PR-34141	99%	25,156.0 µg/mL	+/- 1,424.7141

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Brittany Federinko - Operations Tech I

Date Mixed: 27-Mar-2025 **Balance:** B251644995

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 70046
Lot Number: 070122
Description: Bromochloromethane

Solvent: Methanol **Lot#** EC592-US

Expiration Date: 070127
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 1000
NIST Test ID#: 6UTB

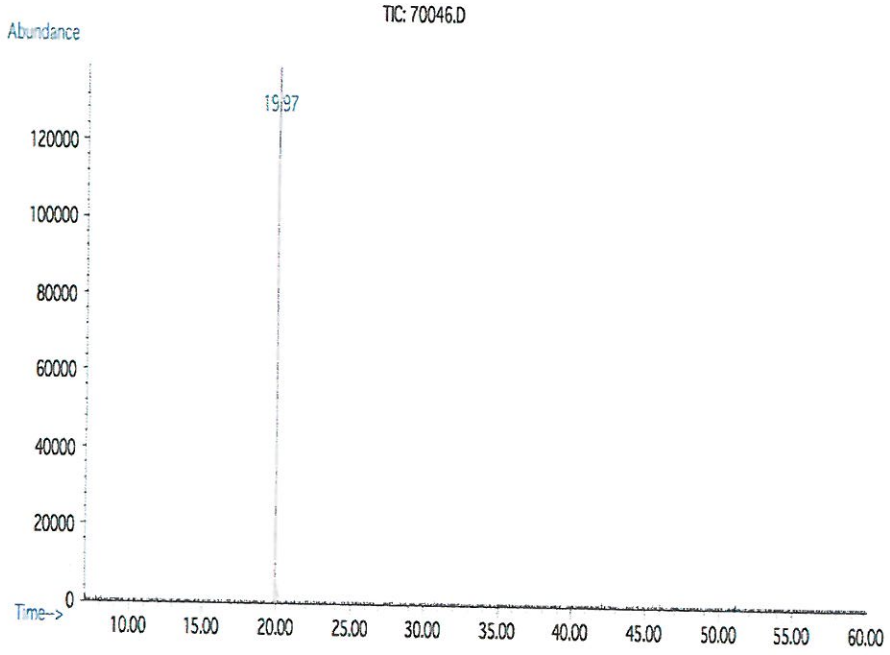
Weight(s) shown below were combined and diluted to (mL): 25.0

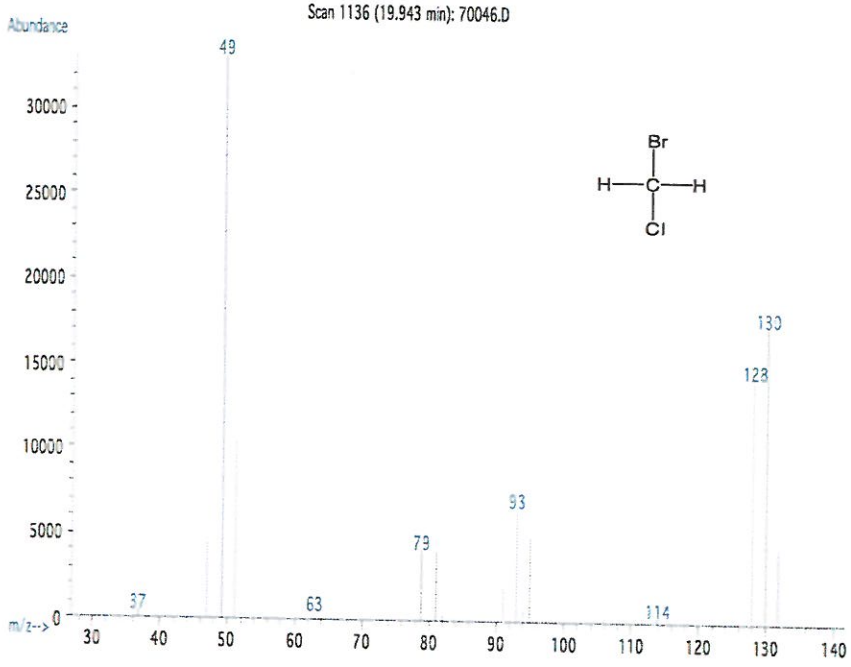
5E-05 Balance Uncertainty
0.0002 Flask Uncertainty

Gabriel Helland		070122
Formulated By:	Gabriel Helland	DATE
Pedro Rentas		070122
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. Bromochloromethane	46	AY01	1000	99	0.2	0.02530	0.02540	1004.1	5.7	74-97-5	200 ppm (1050mg/m3/8H)	orl-rat 5000mg/kg

Method GC6MSD-1.M: Column : (60m X 0.25mm X 1.5 µm) Temp 1 = 35°C (10min.), Temp 2 = 200°C (8.75 min.), Rate = 4°C/min., Injector B= 200°C, Detector B = 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).

Methanol
ULTRA RESI-ANALYZED
For Purge and Trap Analysis

Rec 05/09/25

avantor™ | J.T.Baker®

V14921 to
V14938

Material No.: 9077-02
Batch No.: 24G0262002
Manufactured Date: 2024-05-14
Expiration Date: 2027-05-14
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (CH_3OH) (by GC, corrected for water)	≥ 99.9 %	100.0 %
Residue after Evaporation	≤ 1.0 ppm	0.3 ppm
Titrable Acid (µeq/g)	≤ 0.3	0.3
Titrable Base (µeq/g)	≤ 0.10	0.03
Water (by KF, coulometric)	≤ 0.08 %	< 0.01 %
Volatile Organic Trace Analysis - Below EPA 8260B CRQL	Conforms	Conforms

For Laboratory,Research,or Manufacturing Use
Performance Tested for Use in EPA Methods
500 Series for Drinking Water
600 Series for Wastewater
846 for Solid Waste

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

JCroak

Jamie Croak
Director Quality Operations, Bioscience Production

Methanol
ULTRA RESI-ANALYZED
For Purge and Trap Analysis

Rec 05/09/25

avantor™ | J.T.Baker®

V14921 to
V14938

Material No.: 9077-02
Batch No.: 24G0262002
Manufactured Date: 2024-05-14
Expiration Date: 2027-05-14
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (CH_3OH) (by GC, corrected for water)	≥ 99.9 %	100.0 %
Residue after Evaporation	≤ 1.0 ppm	0.3 ppm
Titrable Acid (µeq/g)	≤ 0.3	0.3
Titrable Base (µeq/g)	≤ 0.10	0.03
Water (by KF, coulometric)	≤ 0.08 %	< 0.01 %
Volatile Organic Trace Analysis - Below EPA 8260B CRQL	Conforms	Conforms

For Laboratory,Research,or Manufacturing Use
Performance Tested for Use in EPA Methods
500 Series for Drinking Water
600 Series for Wastewater
846 for Solid Waste

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

JCroak

Jamie Croak
Director Quality Operations, Bioscience Production

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Dec 05/19/25

CERTIFIED REFERENCE MATERIAL

1o vial

Certificate of Analysis

chromatographic plus

V14971 to V14980

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30489 **Lot No.:** A0220531

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 : 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	Methyl acetate	79-20-9	SHBR1889	99%	2,018.7 µg/mL	+/- 69.7744
2	Vinyl acetate	108-05-4	RD240423RSR	99%	2,014.7 µg/mL	+/- 69.6361
3	Ethyl acetate	141-78-6	SHBR4534	99%	2,010.7 µg/mL	+/- 69.4979
4	Isopropyl acetate	108-21-4	BCCG7069	99%	2,010.7 µg/mL	+/- 69.4979
5	Propyl acetate	109-60-4	P8XLN	99%	2,017.3 µg/mL	+/- 69.7283
6	Butyl acetate	123-86-4	SHBR2024	99%	2,010.7 µg/mL	+/- 69.4979
7	Amyl acetate	628-63-7	BCBT7442	99%	2,017.3 µg/mL	+/- 69.7283

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:

Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods . Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this

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www.restek.com

Rec 06/02/25

CERTIFIED REFERENCE MATERIAL

15 Vials

Certificate of Analysis

chromatographic plus

V14996 to V15010

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. : 30006 **Lot No.:** A0220242

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 : March 31, 2028 **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	SHBR5966	99%	5,033.8 µg/mL	+/- 173.9449
2	2-Butanone (MEK)	78-93-3	SHBQ9020	99%	5,011.4 µg/mL	+/- 173.1708
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBR0467	99%	5,043.0 µg/mL	+/- 174.2628
4	2-Hexanone	591-78-6	MKCV1997	99%	5,028.8 µg/mL	+/- 173.7721

* 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.)

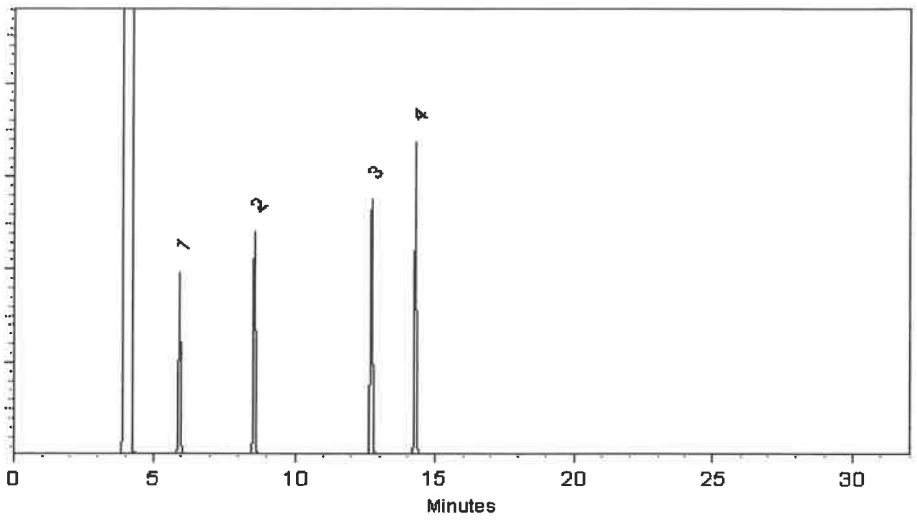
Inj. Temp:
200°C

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.

Stacey Wanner - Operations Technician I

Date Mixed: 17-Dec-2024 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 20-Dec-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

Rev 08/14/25 5 vial

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 91980
Lot Number: 081325
Description: Acrolein

Solvent(s): Water **Lot#** 041725Q

V15057 to V15061

Expiration Date: 091325
Recommended Storage: Refrigerate (2°C to 8°C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB

5E-05 Balance Uncertainty
0.001 Flask Uncertainty

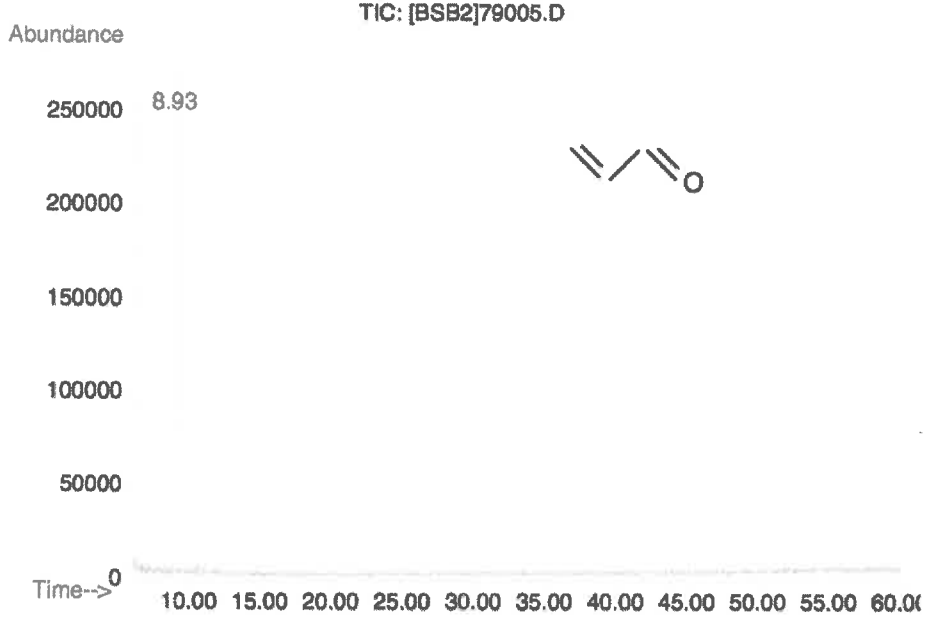
Weight(s) shown below were combined and diluted to (mL): 10.0

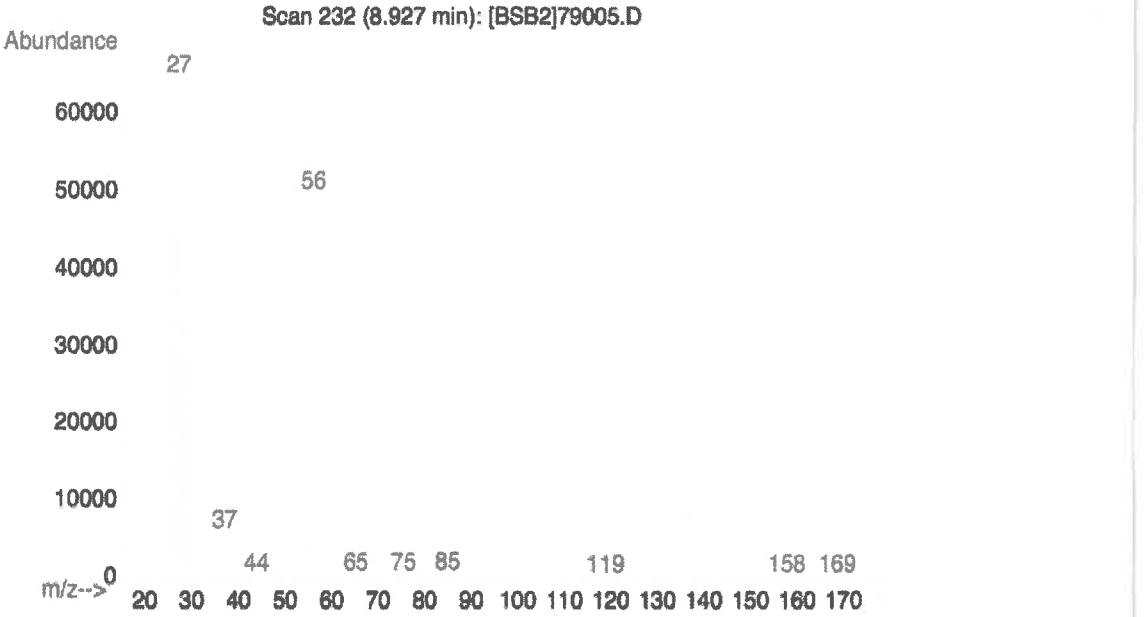
Eli Aliaga 081325
Formulated By: Eli Aliaga DATE

Pedro Rentas 081325
Reviewed By: Pedro L. Rentas DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acrolein	5	103755V10F	5000	97	0.5	0.05166	0.05176	5009.9	52.6	107-02-8	0.1 ppm	orl-rat 46mg/kg

Method: GC6MSD-1. **Detector:** Mass Selective Detector (Scan mode). **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.). Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Pedro Rentas. **NOTE:** Due to the instability of acrolein in solution, all solutions of acrolein, and any dilutions thereof, should be used immediately Long term storage is not recommended. Please contact our technical department if further information is required.





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- Standards are prepared gravimetrically using balances that are calibrated by an ISO 17025 certified organization with weights traceable through NIST to the SI kilogram (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Rev 1.0, 2/25/2025

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Certified Reference Material CRM

Rev 08/14/25 5 vial

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AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 91980
Lot Number: 081325
Description: Acrolein

Solvent(s): Water **Lot#** 041725Q

V15057 to V15061

Expiration Date: 091325
Recommended Storage: Refrigerate (2°C to 8°C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB

5E-05 Balance Uncertainty
0.001 Flask Uncertainty

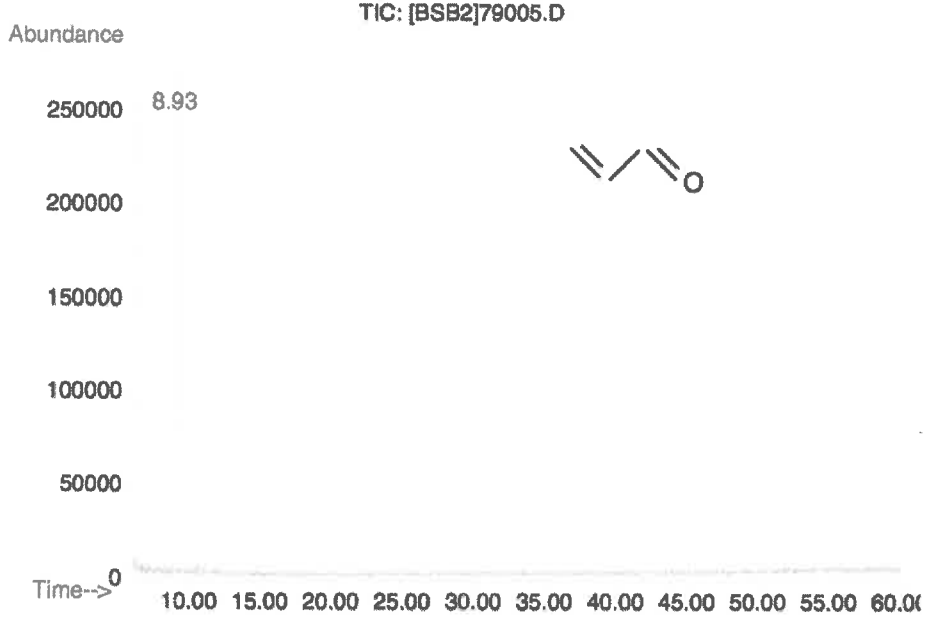
Weight(s) shown below were combined and diluted to (mL): 10.0

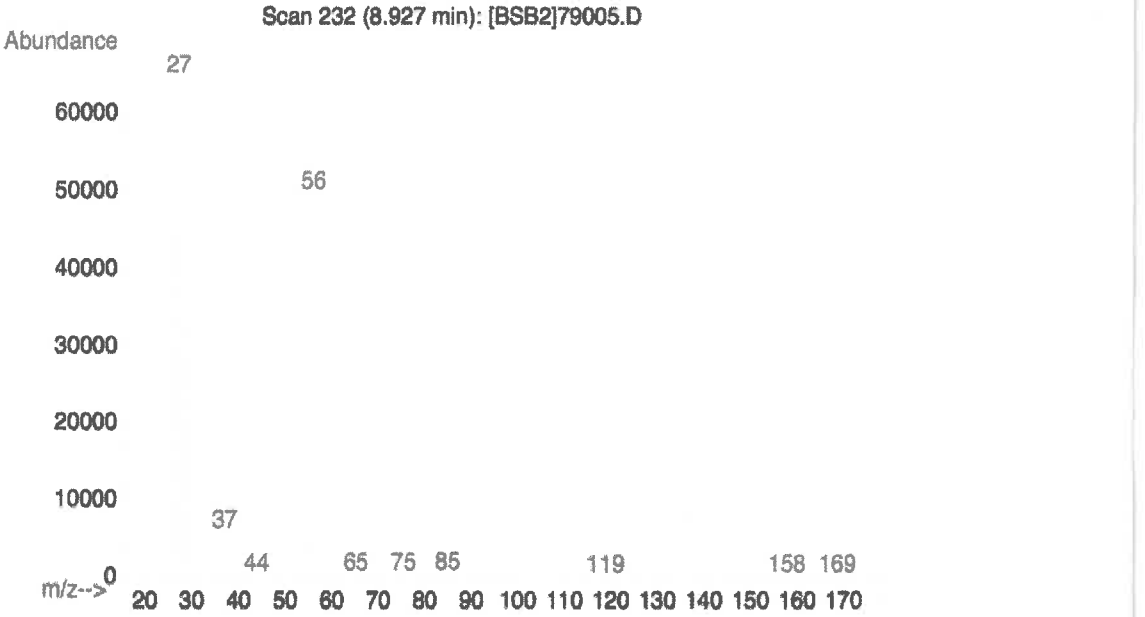
Eli Aliaga 081325
Formulated By: Eli Aliaga DATE

Pedro Rentas 081325
Reviewed By: Pedro L. Rentas DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acrolein	5	103755V10F	5000	97	0.5	0.05166	0.05176	5009.9	52.6	107-02-8	0.1 ppm	orl-rat 46mg/kg

Method: GC6MSD-1. **Detector:** Mass Selective Detector (Scan mode). **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.). Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Pedro Rentas. **NOTE:** Due to the instability of acrolein in solution, all solutions of acrolein, and any dilutions thereof, should be used immediately Long term storage is not recommended. Please contact our technical department if further information is required.





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Rev 08/14/25 5 vial

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CERTIFIED WEIGHT REPORT

Part Number: 91980
Lot Number: 081325
Description: Acrolein

Solvent(s): Water **Lot#** 041725Q

V15057 to V15061

Expiration Date: 091325
Recommended Storage: Refrigerate (2°C to 8°C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB

5E-05 Balance Uncertainty
0.001 Flask Uncertainty

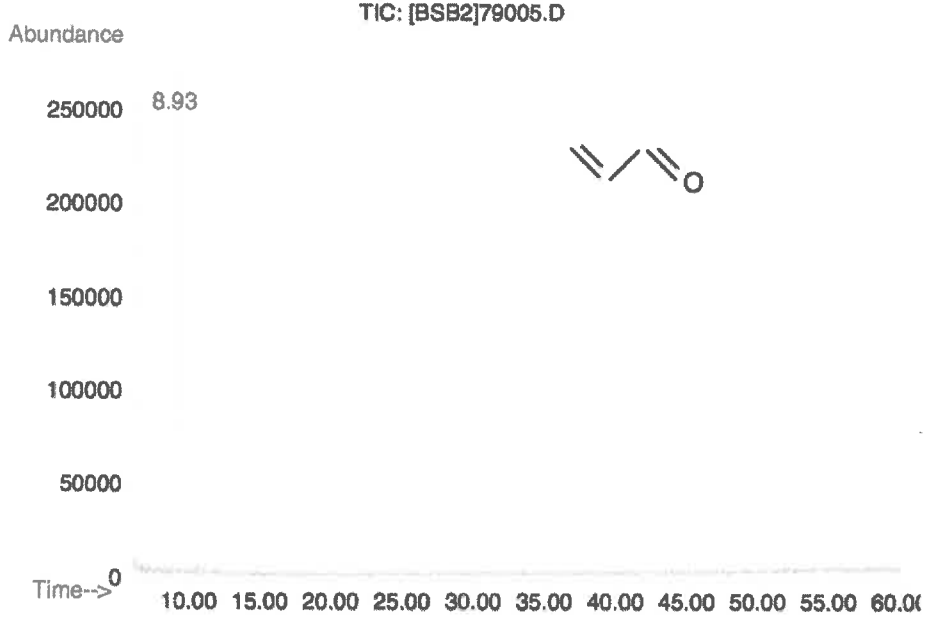
Weight(s) shown below were combined and diluted to (mL): 10.0

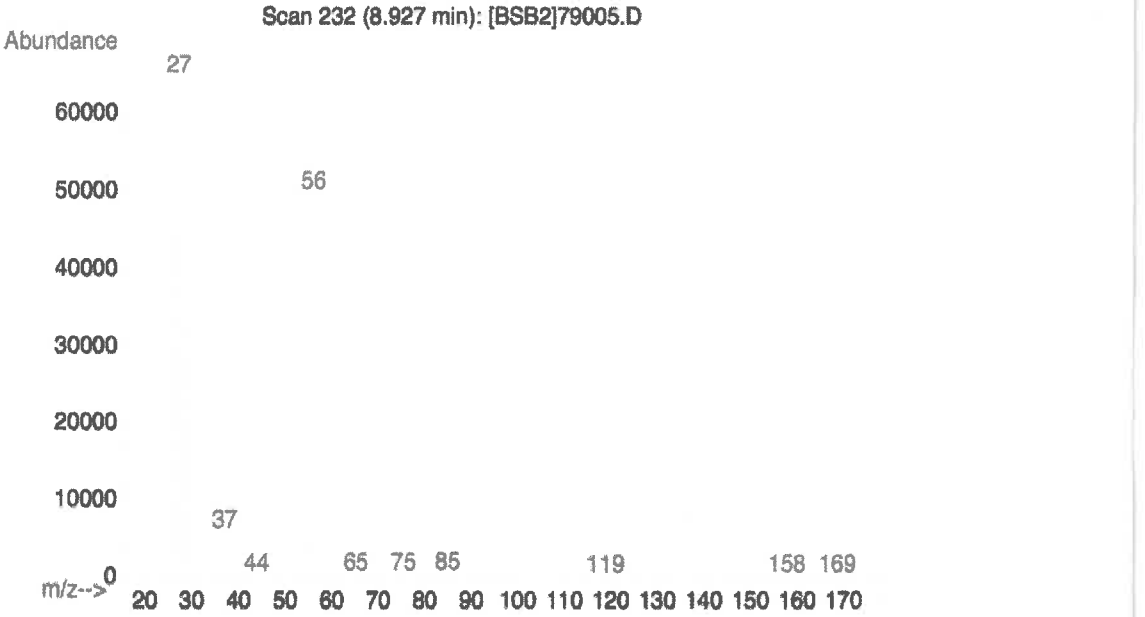
Eli Aliaga 081325
Formulated By: Eli Aliaga DATE

Pedro Rentas 081325
Reviewed By: Pedro L. Rentas DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acrolein	5	103755V10F	5000	97	0.5	0.05166	0.05176	5009.9	52.6	107-02-8	0.1 ppm	orl-rat 46mg/kg

Method: GC6MSD-1. **Detector:** Mass Selective Detector (Scan mode). **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.). Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Pedro Rentas. **NOTE:** Due to the instability of acrolein in solution, all solutions of acrolein, and any dilutions thereof, should be used immediately Long term storage is not recommended. Please contact our technical department if further information is required.





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Certified Reference Material CRM

Rec 08/14/25 2 vials

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AR-1539 Certificate Number
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CERTIFIED WEIGHT REPORT

Part Number: 91980
Lot Number: 081225
Description: Acrolein

Expiration Date: 091225
Recommended Storage: Refrigerate (2°C to 8°C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB

Solvent(s):	Lot#
Water	041725Q

V15062
V15063

5E-05 Balance Uncertainty
0.001 Flask Uncertainty

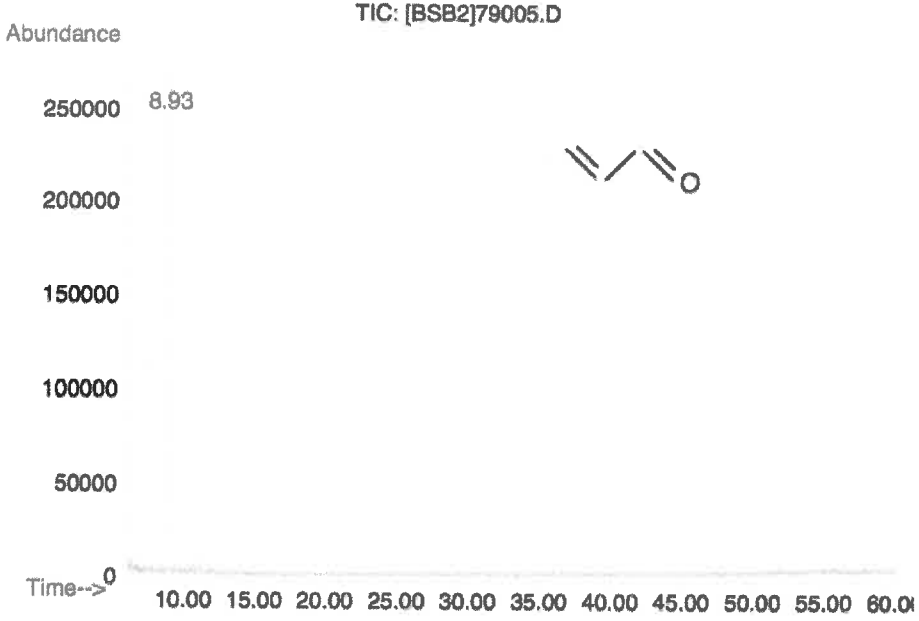
Weight(s) shown below were combined and diluted to (mL): 10.0

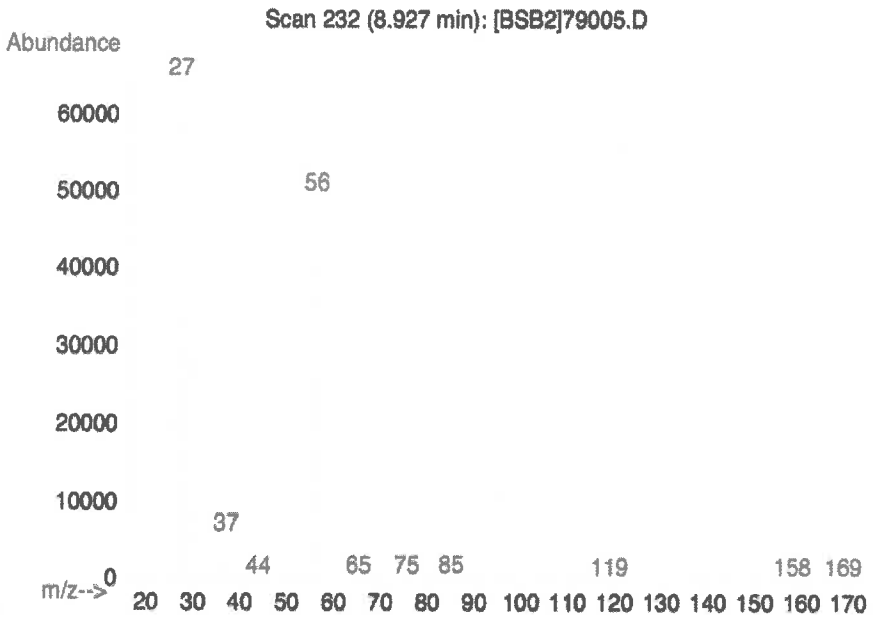
Justin Dippold 081225
Formulated By: Justin Dippold DATE

Pedro Rentas 081225
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	103755R02H	5000	97	0.5	0.05166	0.05175	5008.9	52.5	107-02-8	0.1 ppm	orl-rat 46mg/kg

Method: GC6MSD-1. **Detector:** Mass Selective Detector (Scan mode). **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.) Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Pedro Rentas. **NOTE:** Due to the instability of acrolein in solution, all solutions of acrolein, and any dilutions thereof, should be used immediately Long term storage is not recommended. Please contact our technical department if further information is required.





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Certified Reference Material CRM

Rec 08/14/25 2 vials

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 91980
Lot Number: 081225
Description: Acrolein

Expiration Date: 091225
Recommended Storage: Refrigerate (2°C to 8°C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB

Solvent(s):	Lot#
Water	041725Q

V15062
V15063

5E-05 Balance Uncertainty
0.001 Flask Uncertainty

Weight(s) shown below were combined and diluted to (mL): 10.0

Justin Dippold 081225
Formulated By: Justin Dippold DATE

Pedro Rentas 081225
Reviewed By: Pedro L. Rentas DATE

	Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
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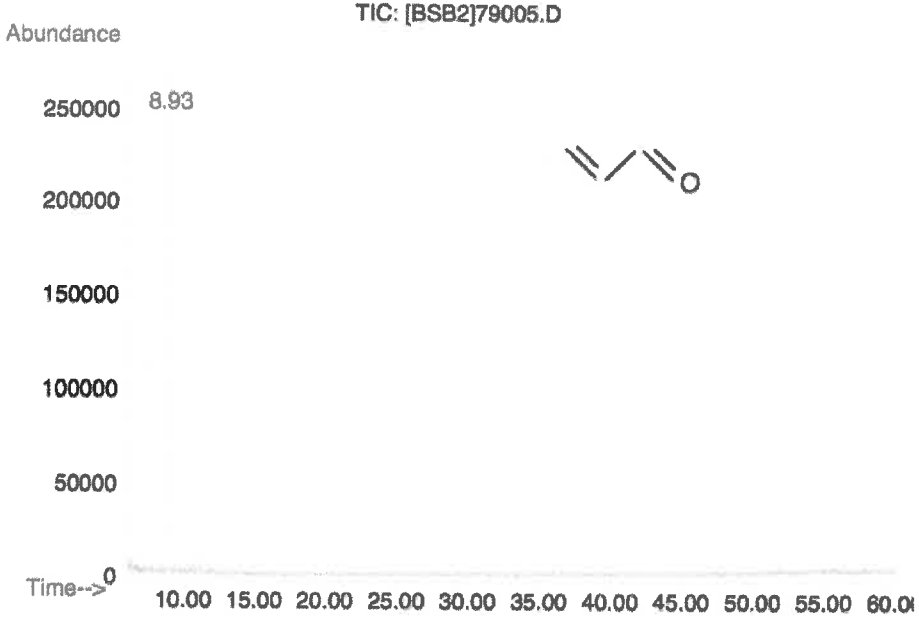

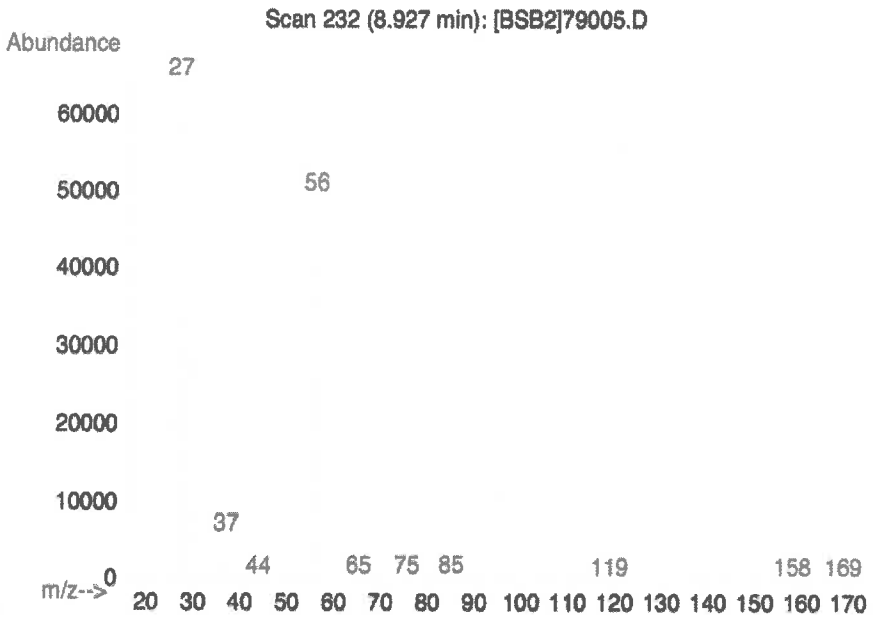

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Rev 1.0, 2/25/2025

SHIPPING DOCUMENTS

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax: (908) 78-8922
www.chemtech.net

Chemtech Project Number: Q 2886

COC Number:

CLIENT INFORMATION

COMPANY: Tetra Tech
ADDRESS: 4433 Corporation Lane Suite 300
CITY: Virginia Beach STATE: VA ZIP: 23462
ATTENTION: Ernie Wu
PHONE: 757-466-4901 FAX: 757-461-4148

PROJECT INFORMATION

PROJECT NAME: NWIRP Bethpage
PROJECT #: 112G08005-WE13 LOCATION: TT182D
PROJECT MANAGER: Ernie Wu
E-MAIL: ernie.wu@tetratech.com
PHONE: 757-466-4901 FAX: 757-461-4148

BILLING INFORMATION

BILL TO: SEE CONTRACT PO#
ADDRESS:
CITY: STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX: 10 DAYS*
HARD COPY: 10 DAYS*
EDD 10 DAYS*
* TO BE APPROVED BY CHEMTECH
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ RESULTS ONLY
- ☐ RESULTS + QC
- ☐ New Jersey REDUCED
- ☐ New Jersey CLP
- ☐ EDD Format
- ☐ USEPA CLP
- ☐ New York State ASP "B"
- ☐ New York State ASP "A"
- ☐ Other

ANALYSIS

1	2	3	4	5	6	7	8	9
VOC(SW846-8260B)	1,4 Dioxane (8270 SIM)							

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# of Bottles	PRESERVATIVES A	1	2	3	4	5	6	7	8	9	COMMENTS
1.	BP-TT182D-TB-20250814	QA		X	8/14/25	9:00	2	2										Trip blank
2.	BP-TT182D-GW-20250814	AQ		X	8/14/25	13:20	4	3	1									
3.																		
4.																		
5.																		
6.																		
7.																		
8.																		
9.																		
10.																		

<-- Specify Preservatives
A-HCl B-HNO3
C-H2SO4 D-NaOH
E-ICE F-Other

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSSESSION INCLUDING COURIER DELIVERY

	RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1.		8/14/25 1500	1.
2.	RELINQUISHED BY: FedEx	DATE/TIME: 8/15/25 1045	RECEIVED BY: 2.
3.	RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY: 3.

Conditions of bottles or coolers at receipt: q Compliant q Non Compliant q Cooler Temp 2.1°C
MeOH extraction requires an additional 4oz. Jar for percent solid q Ice in Cooler?: Y
Comments: Standard TAT

Page 1 of 1

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight
CHEMTECH: ☐ Picked Up ☐ Overnight

Shipment Complete ☐ YES ☐ NO

WHITE - CHEMTECH COPYFOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
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	TX-C25-00189
Virginia	460312

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

DP 08/18/2025

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2886 TETR06
Client Name : Tetra Tech NUS, Inc.
Client Contact : Ernie Wu
Invoice Name : Tetra Tech NUS, Inc.
Invoice Contact : Ernie Wu

Order Date : 8/15/2025 11:08:00 AM
Project Name : NWIRP Bethpage 112G080
Receive DateTime : 8/15/2025 10:45:00 AM
Purchase Order :

Project Mgr :
Report Type : Level 4
EDD Type : ADAPT
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2886-01	BP-TT182D-TB-~~2025814~~ 20250814	Water	08/14/2025	09:00	VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q2886-02	BP-TT182D-GW-~~2025814~~ 20250814	Water	08/14/2025	13:20	VOC-TCLVOA-10		8260-Low		10 Bus. Days

Relinguished By :
Date / Time : 8/15/25 1200

Received By : Sam
Date / Time : 8/15/25 12:20 NJ 4

Storage Area : VOA Refridgerator Room

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047349.D
Acq On : 15 Aug 2025 09:40
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Aug 18 02:52:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 02:51:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	281608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	479446	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	434591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	224159	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	19963	5.065	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 10.140%#			
35) Dibromofluoromethane	5.397	113	14862	4.776	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 9.560%#			
50) Toluene-d8	8.653	98	55469	4.987	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 9.980%#			
62) 4-Bromofluorobenzene	11.079	95	21138	5.150	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 10.300%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	15718	4.378	ug/l	97
3) Chloromethane	1.313	50	15170	4.697	ug/l	92
4) Vinyl Chloride	1.392	62	18322	4.520	ug/l	94
5) Bromomethane	1.624	94	7076	4.322	ug/l	94
6) Chloroethane	1.709	64	11042	4.452	ug/l	96
7) Trichlorofluoromethane	1.904	101	28485	4.751	ug/l	93
8) Diethyl Ether	2.148	74	9891	4.685	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.343	101	16582	4.768	ug/l	99
10) Methyl Iodide	2.471	142	23080	3.872	ug/l	97
11) Tert butyl alcohol	2.965	59	7340	21.408	ug/l #	89
12) 1,1-Dichloroethene	2.337	96	16204	4.570	ug/l	92
13) Acrolein	2.252	56	18274	25.248	ug/l	97
14) Allyl chloride	2.678	41	28797	4.676	ug/l	100
15) Acrylonitrile	3.087	53	36613	22.099	ug/l	97
16) Acetone	2.392	43	36440	24.598	ug/l	94
17) Carbon Disulfide	2.532	76	49197	4.598	ug/l	99
18) Methyl Acetate	2.721	43	17456	4.547	ug/l	93
19) Methyl tert-butyl Ether	3.130	73	49799	4.617	ug/l	100
20) Methylene Chloride	2.806	84	18175	4.633	ug/l	97
21) trans-1,2-Dichloroethene	3.105	96	17974	4.776	ug/l	88
22) Diisopropyl ether	3.776	45	57311	4.708	ug/l	96
23) Vinyl Acetate	3.739	43	224747	22.525	ug/l	100
24) 1,1-Dichloroethane	3.623	63	33241	4.831	ug/l	99
25) 2-Butanone	4.581	43	46235	23.830	ug/l	97
26) 2,2-Dichloropropane	4.489	77	24325	4.684	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	21338	4.868	ug/l	96
28) Bromochloromethane	4.916	49	15283	5.338	ug/l	98
29) Tetrahydrofuran	5.038	42	25106	20.020	ug/l	94
30) Chloroform	5.105	83	34798	4.955	ug/l	97
31) Cyclohexane	5.483	56	28847	4.548	ug/l	91
32) 1,1,1-Trichloroethane	5.404	97	29367	4.859	ug/l	99
36) 1,1-Dichloropropene	5.702	75	22796	4.641	ug/l	96
37) Ethyl Acetate	4.739	43	23521	4.613	ug/l	99
38) Carbon Tetrachloride	5.690	117	25718	4.791	ug/l	96
39) Methylcyclohexane	7.385	83	28242	4.609	ug/l	98
40) Benzene	6.050	78	72021	4.899	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047349.D
Acq On : 15 Aug 2025 09:40
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Aug 18 02:52:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 02:51:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	4.958	41	9185	4.271 ug/l #	91
42) 1,2-Dichloroethane	6.099	62	24979	4.796 ug/l	99
43) Isopropyl Acetate	6.361	43	31621	4.316 ug/l	97
44) Trichloroethene	7.135	130	18386	4.884 ug/l	99
45) 1,2-Dichloropropane	7.434	63	16729	4.542 ug/l	95
46) Dibromomethane	7.592	93	13062	4.885 ug/l	97
47) Bromodichloromethane	7.824	83	26280	4.741 ug/l	95
48) Methyl methacrylate	7.702	41	16053	4.222 ug/l	99
49) 1,4-Dioxane	7.696	88	3582	99.195 ug/l	90
51) 4-Methyl-2-Pentanone	8.580	43	97891	23.221 ug/l	97
52) Toluene	8.720	92	44099	4.854 ug/l	98
53) t-1,3-Dichloropropene	8.982	75	21300	4.403 ug/l	94
54) cis-1,3-Dichloropropene	8.373	75	25475	4.652 ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	17150	4.972 ug/l #	83
56) Ethyl methacrylate	9.122	69	22362	4.397 ug/l	97
57) 1,3-Dichloropropane	9.311	76	28336	4.821 ug/l	98
58) 2-Chloroethyl Vinyl ether	8.245	63	45735	26.559 ug/l	98
59) 2-Hexanone	9.433	43	68164	23.375 ug/l	96
60) Dibromochloromethane	9.519	129	19760	4.820 ug/l	97
61) 1,2-Dibromoethane	9.610	107	17154	4.823 ug/l	97
64) Tetrachloroethene	9.275	164	15266	4.856 ug/l	91
65) Chlorobenzene	10.080	112	50559	4.896 ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.165	131	16894	4.839 ug/l	96
67) Ethyl Benzene	10.195	91	84363	4.746 ug/l	98
68) m/p-Xylenes	10.299	106	62714	9.462 ug/l	97
69) o-Xylene	10.640	106	29488	4.623 ug/l	100
70) Styrene	10.653	104	51543	4.783 ug/l	98
71) Bromoform	10.799	173	12769	4.869 ug/l #	94
73) Isopropylbenzene	10.964	105	79512	4.533 ug/l	99
74) N-amyl acetate	10.842	43	27565	4.138 ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	24139	4.687 ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	21090	5.130 ug/l	99
77) Bromobenzene	11.195	156	20380	4.758 ug/l	96
78) n-propylbenzene	11.305	91	95550	4.561 ug/l	100
79) 2-Chlorotoluene	11.366	91	58544	4.623 ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	65210	4.518 ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	1992	9.640 ug/l	87
82) 4-Chlorotoluene	11.451	91	70117	4.697 ug/l	98
83) tert-Butylbenzene	11.713	119	64267	4.463 ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	67032	4.644 ug/l	98
85) sec-Butylbenzene	11.890	105	81375	4.559 ug/l	99
86) p-Isopropyltoluene	12.006	119	68849	4.559 ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	38531	4.709 ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	40089	4.763 ug/l	93
89) n-Butylbenzene	12.329	91	62666	4.461 ug/l	99
90) Hexachloroethane	12.536	117	11325	4.274 ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	36248	4.667 ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	4081	4.097 ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	23080	4.432 ug/l	96
94) Hexachlorobutadiene	13.725	225	8221	4.436 ug/l	94
95) Naphthalene	13.774	128	60645	4.076 ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	20611	4.199 ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047349.D
Acq On : 15 Aug 2025 09:40
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Aug 18 02:52:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 02:51:35 2025
Response via : Initial Calibration

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

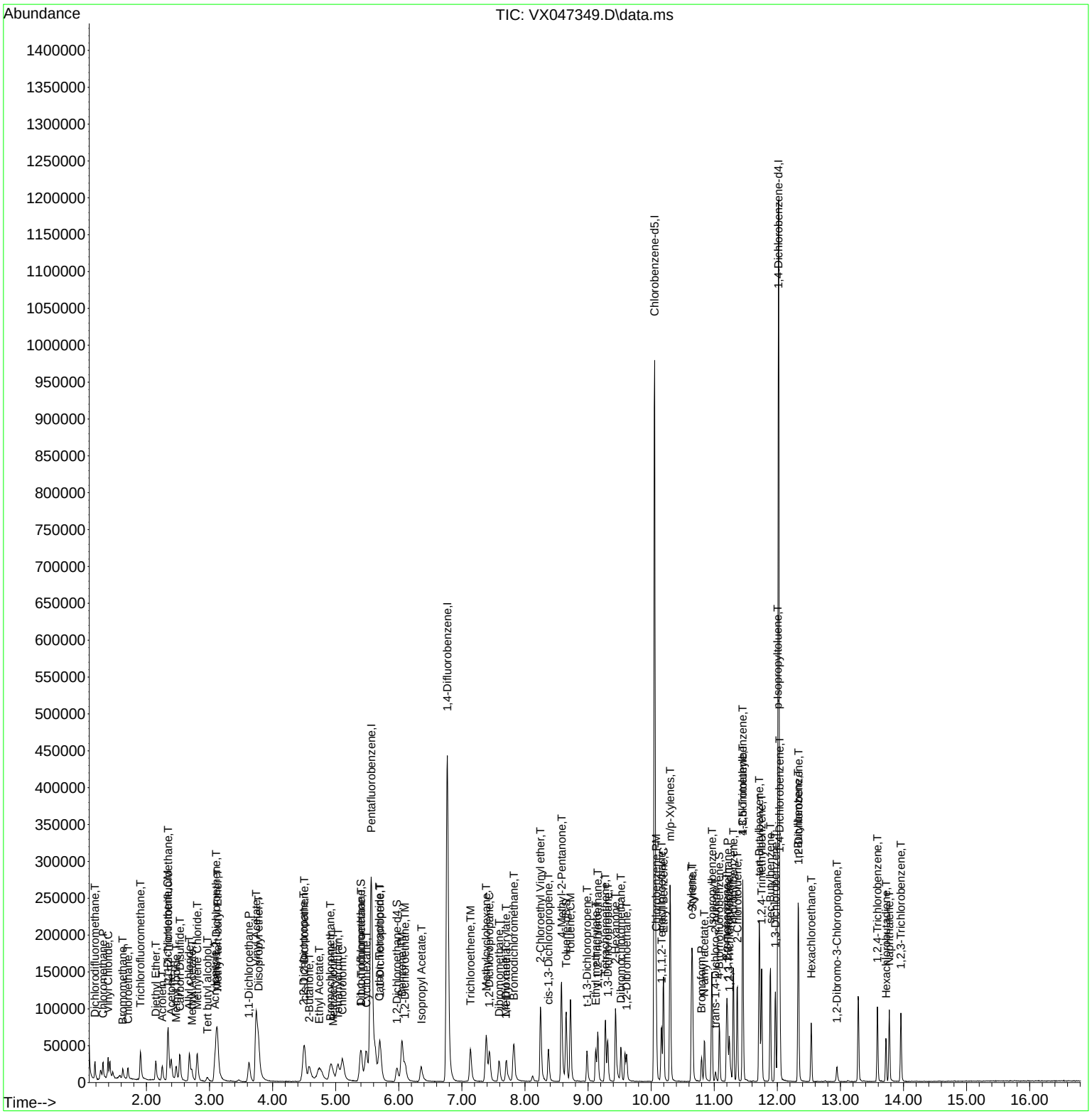
(#) = qualifier out of range (m) = manual integration (+) = signals summed

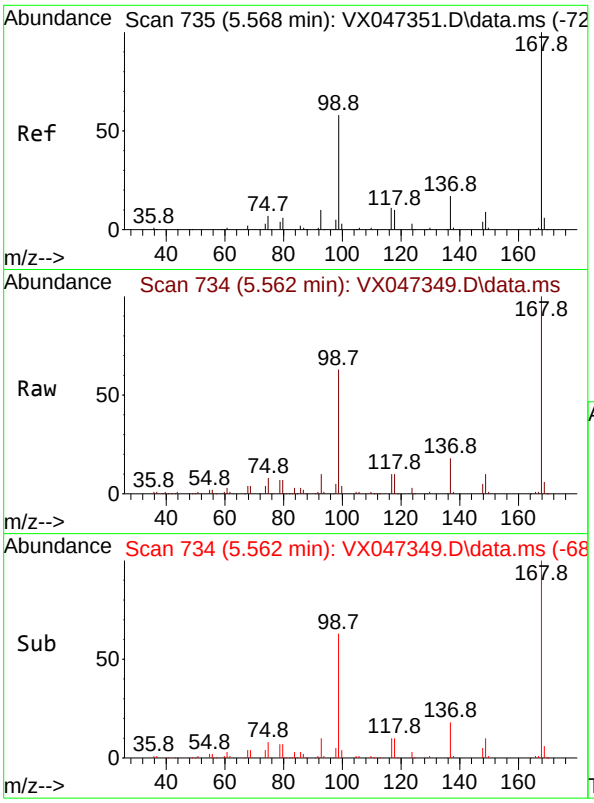
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047349.D
Acq On : 15 Aug 2025 09:40
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Aug 18 02:52:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 02:51:35 2025
Response via : Initial Calibration



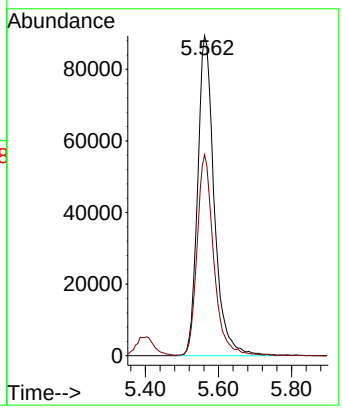


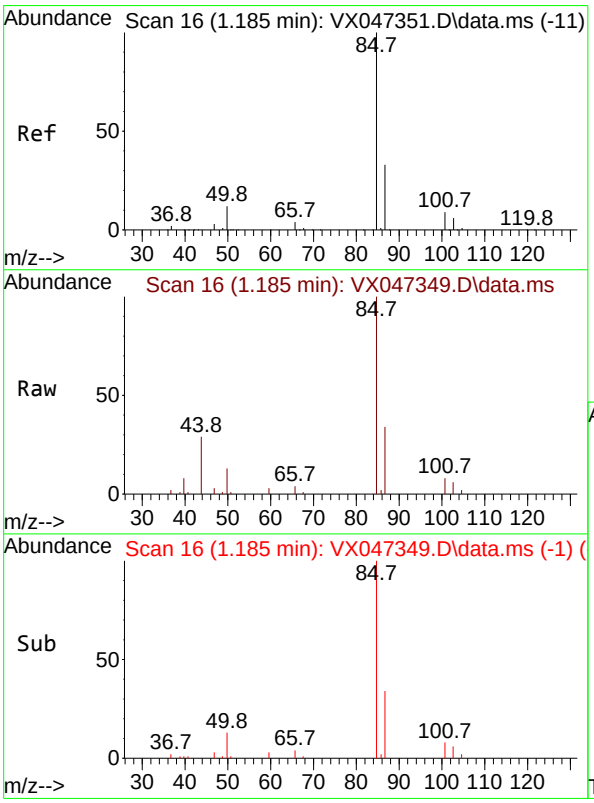
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:168 Resp: 281608

Ion	Ratio	Lower	Upper
168	100		
99	62.6	47.9	71.9

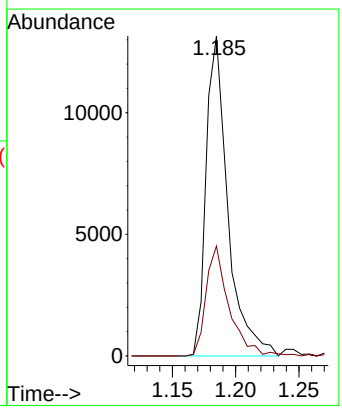


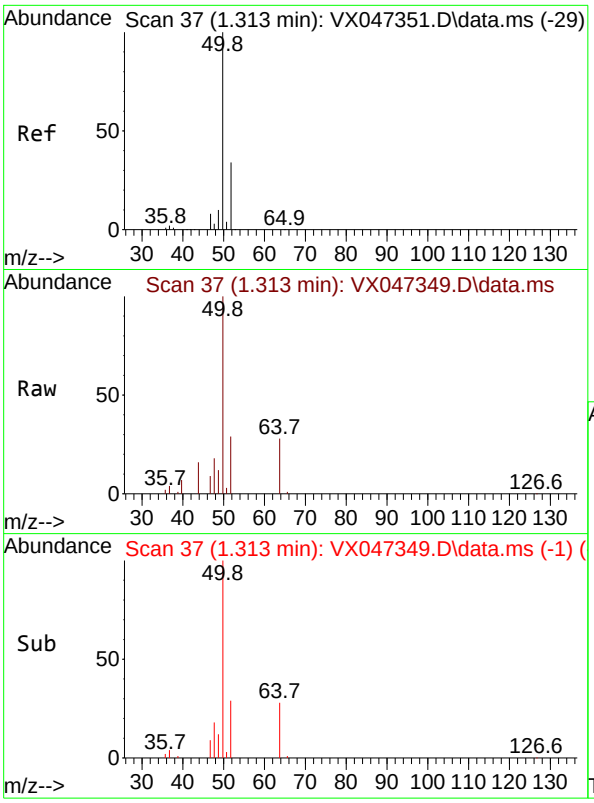


#2
Dichlorodifluoromethane
Concen: 4.378 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 85 Resp: 15718

Ion	Ratio	Lower	Upper
85	100		
87	34.4	16.4	49.1



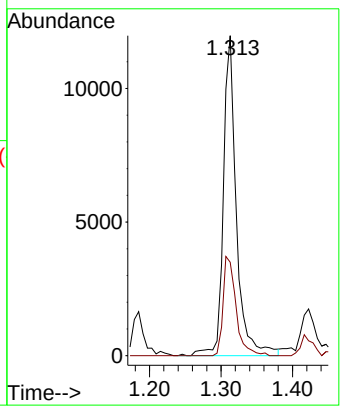


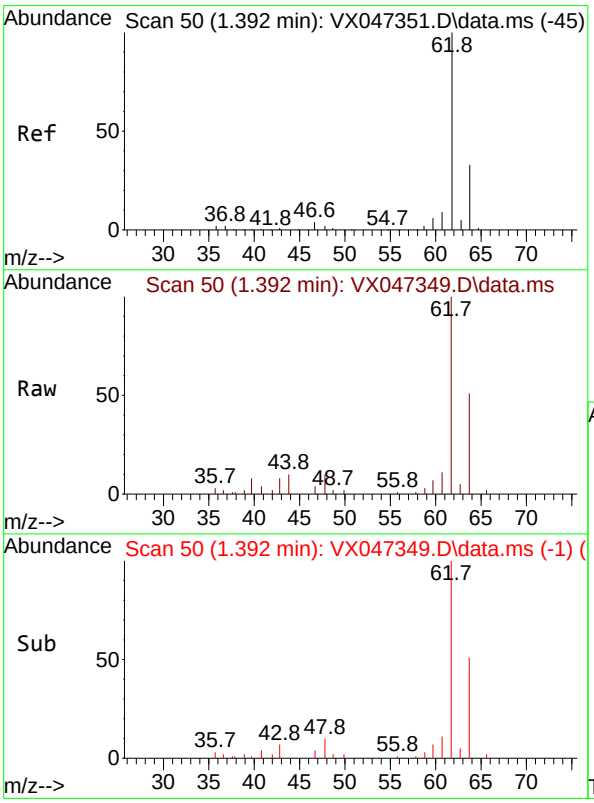
#3
Chloromethane
Concen: 4.697 ug/l
RT: 1.313 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 50 Resp: 15170

Ion	Ratio	Lower	Upper
50	100		
52	29.2	27.0	40.4

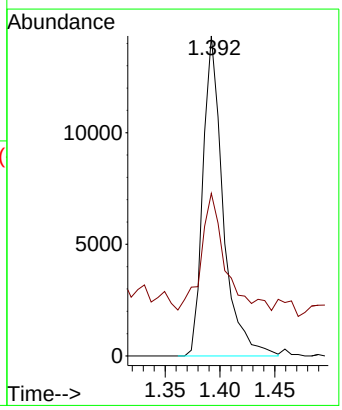


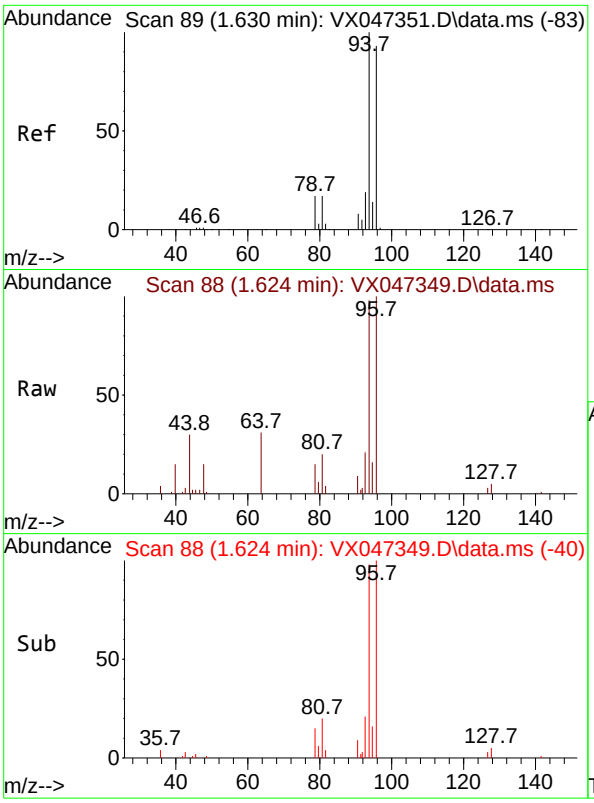


#4
Vinyl Chloride
Concen: 4.520 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 62 Resp: 18322

Ion	Ratio	Lower	Upper
62	100		
64	36.4	26.5	39.7



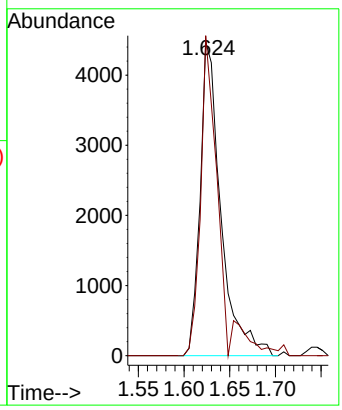


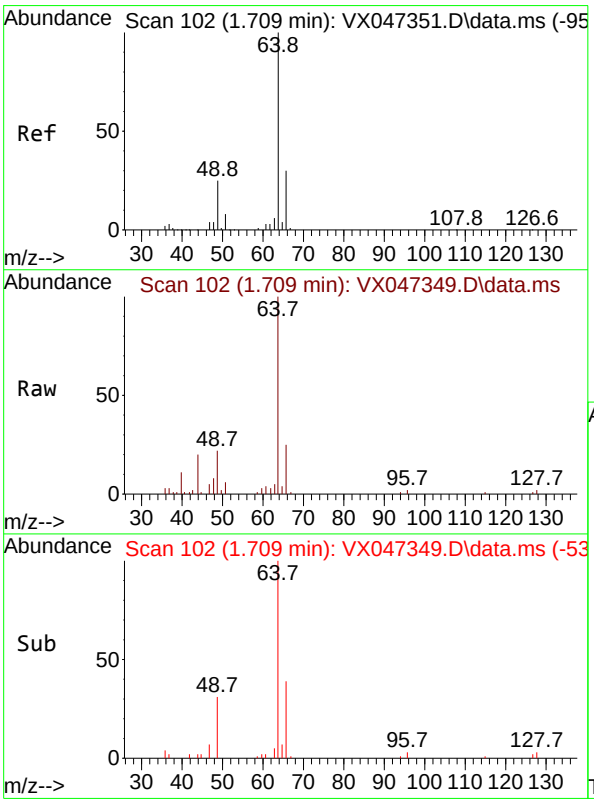
#5
Bromomethane
Concen: 4.322 ug/l
RT: 1.624 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 94 Resp: 7076

Ion	Ratio	Lower	Upper
94	100		
96	87.8	74.7	112.1

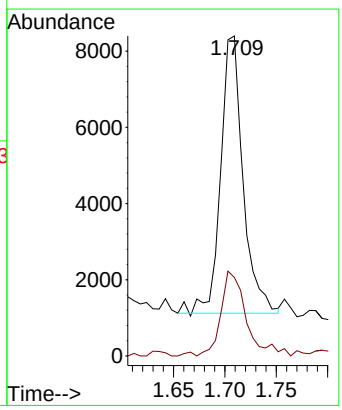


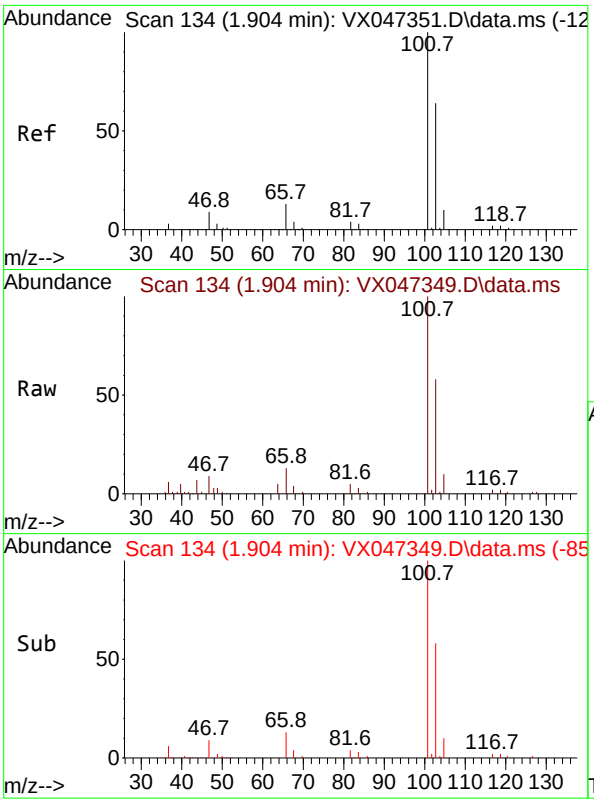


#6
Chloroethane
Concen: 4.452 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 64 Resp: 11042

Ion	Ratio	Lower	Upper
64	100		
66	28.4	24.4	36.6



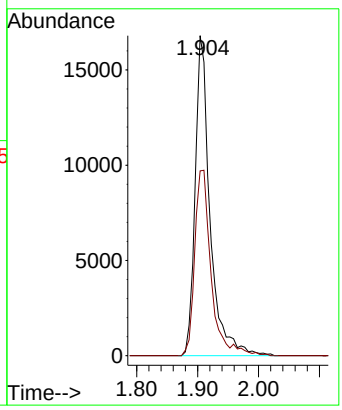


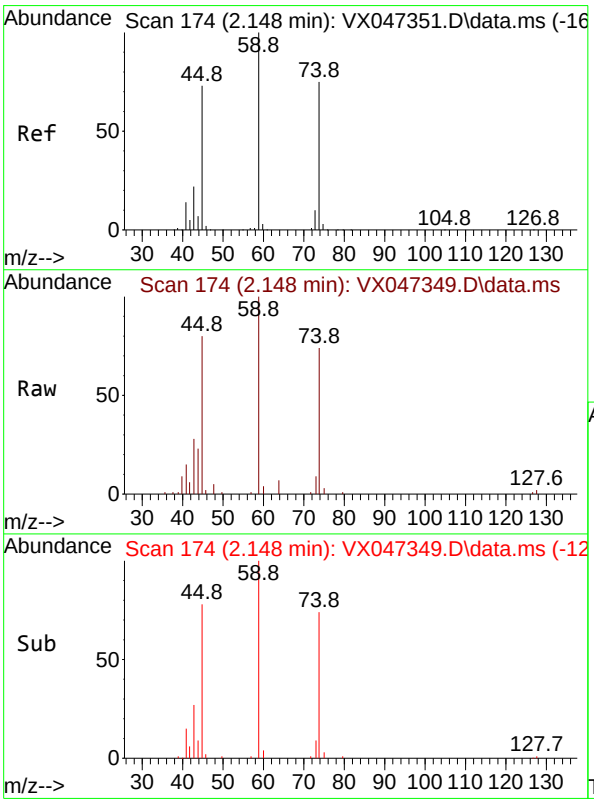
#7
Trichlorofluoromethane
Concen: 4.751 ug/l
RT: 1.904 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 28485

Ion	Ratio	Lower	Upper
101	100		
103	57.8	50.9	76.3

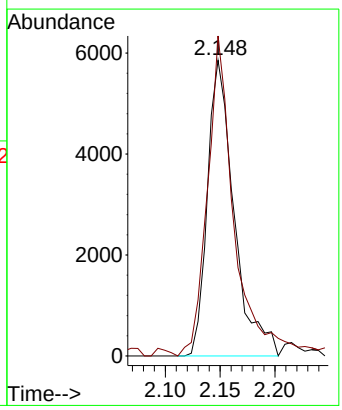


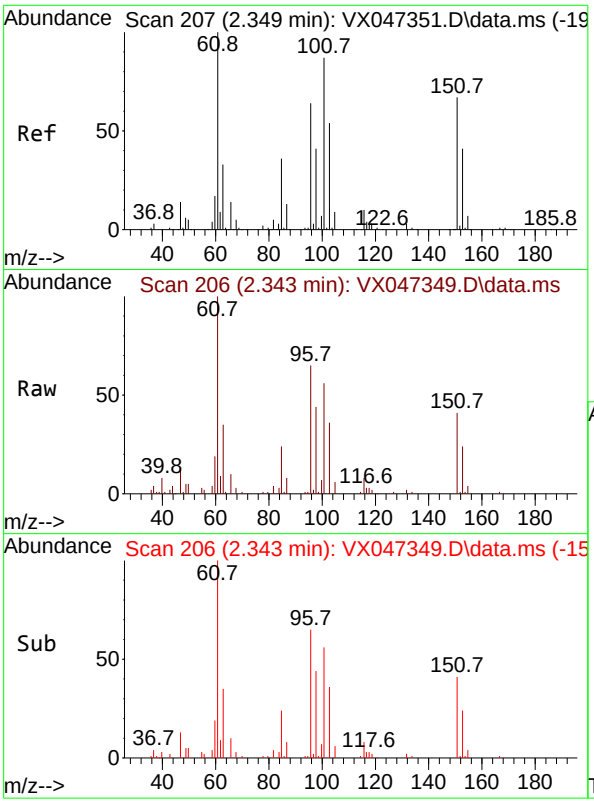


#8
Diethyl Ether
Concen: 4.685 ug/l
RT: 2.148 min Scan# 174
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 74 Resp: 9891

Ion	Ratio	Lower	Upper
74	100		
45	111.2	51.3	154.0



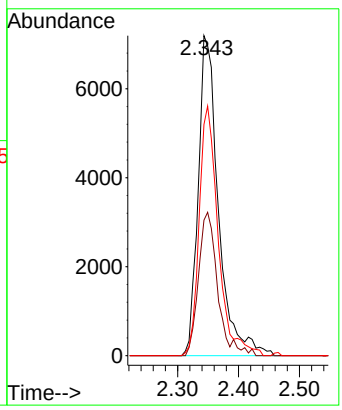


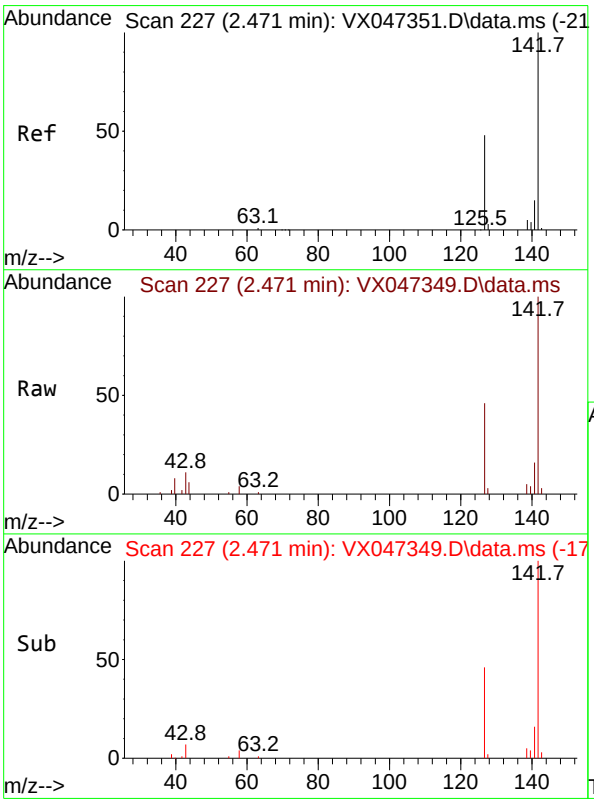
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.768 ug/l
RT: 2.343 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 16582

Ion	Ratio	Lower	Upper
101	100		
85	42.4	34.3	51.5
151	73.3	59.2	88.8

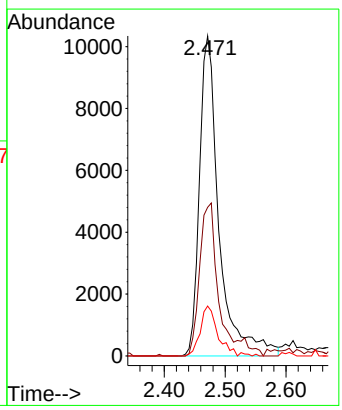


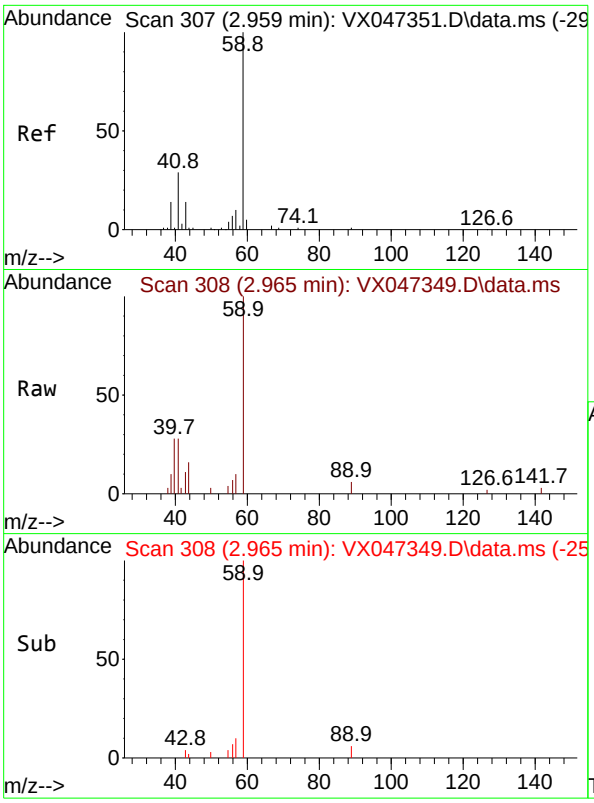


#10
Methyl Iodide
Concen: 3.872 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion:142 Resp: 23080

Ion	Ratio	Lower	Upper
142	100		
127	47.1	36.1	54.1
141	14.2	11.1	16.7



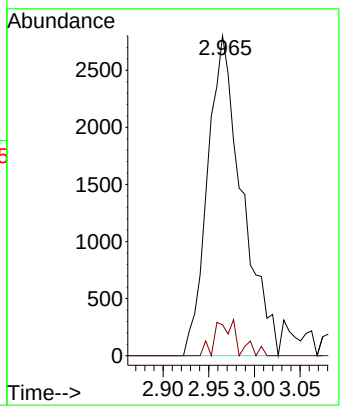


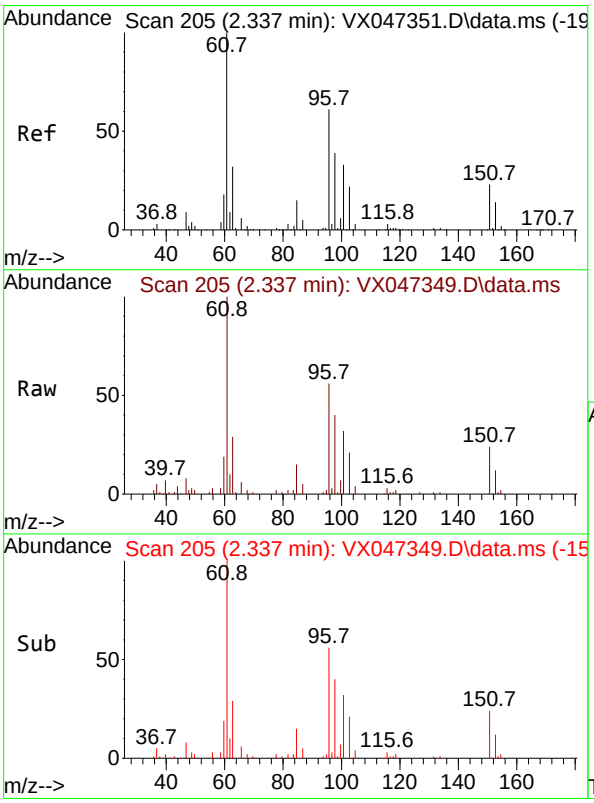
#11
Tert butyl alcohol
Concen: 21.408 ug/l
RT: 2.965 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 59 Resp: 7340

Ion	Ratio	Lower	Upper
59	100		
57	6.4	8.3	12.5#

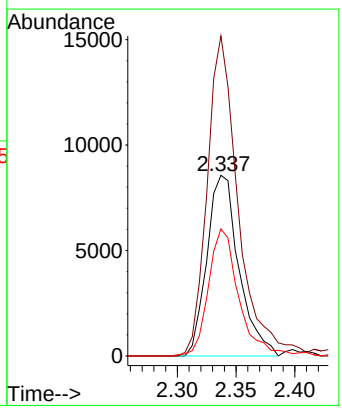


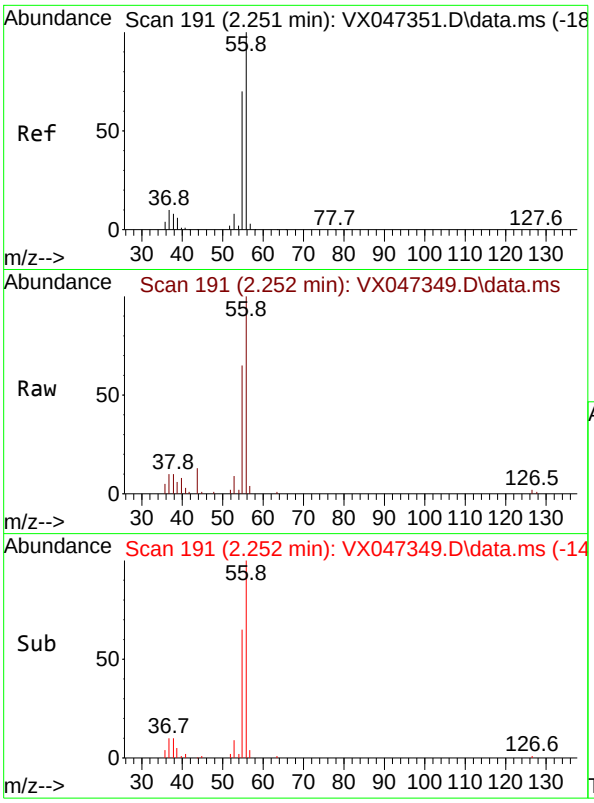


#12
1,1-Dichloroethene
Concen: 4.570 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 96 Resp: 16204

Ion	Ratio	Lower	Upper
96	100		
61	177.1	132.2	198.2
98	69.6	51.2	76.8



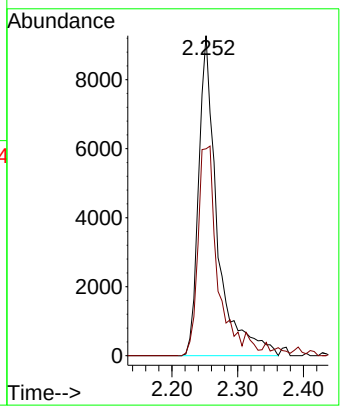


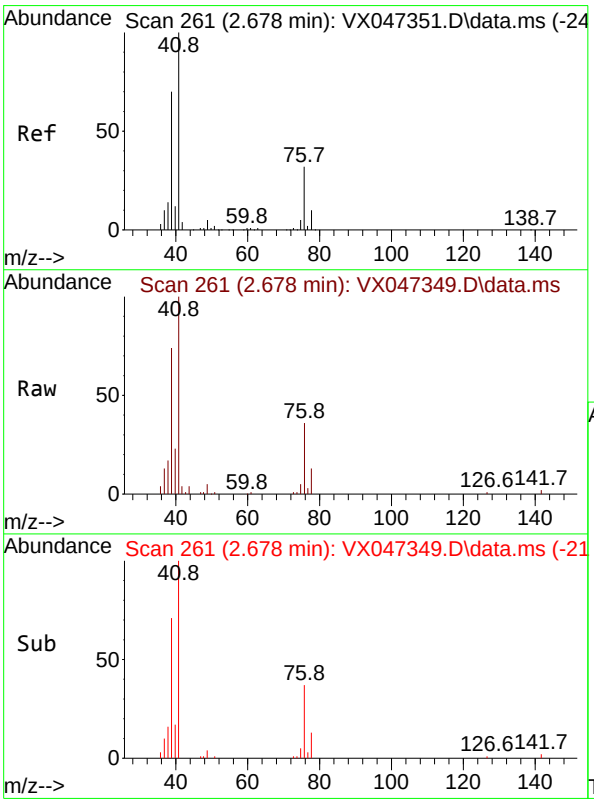
#13
Acrolein
Concen: 25.248 ug/l
RT: 2.252 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 56 Resp: 18274

Ion	Ratio	Lower	Upper
56	100		
55	66.8	55.5	83.3

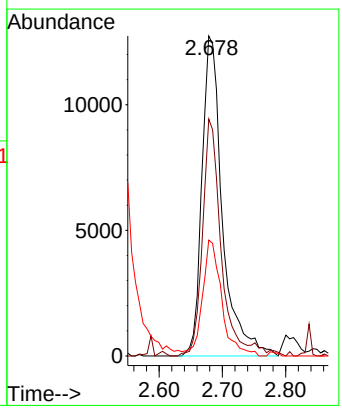


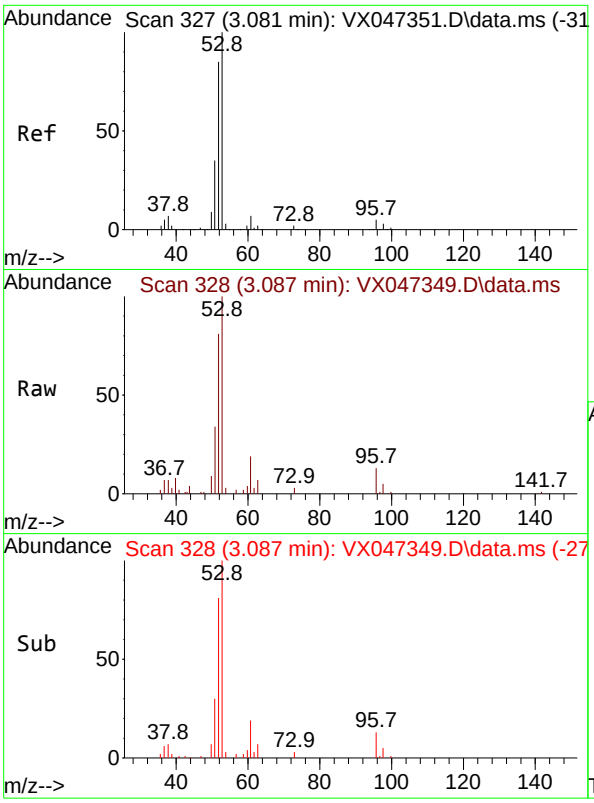


#14
Allyl chloride
Concen: 4.676 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 41 Resp: 28797

Ion	Ratio	Lower	Upper
41	100		
39	68.3	54.6	81.8
76	34.0	27.6	41.4



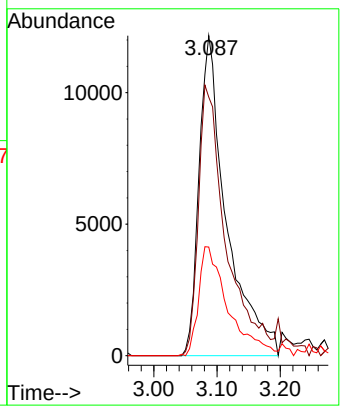


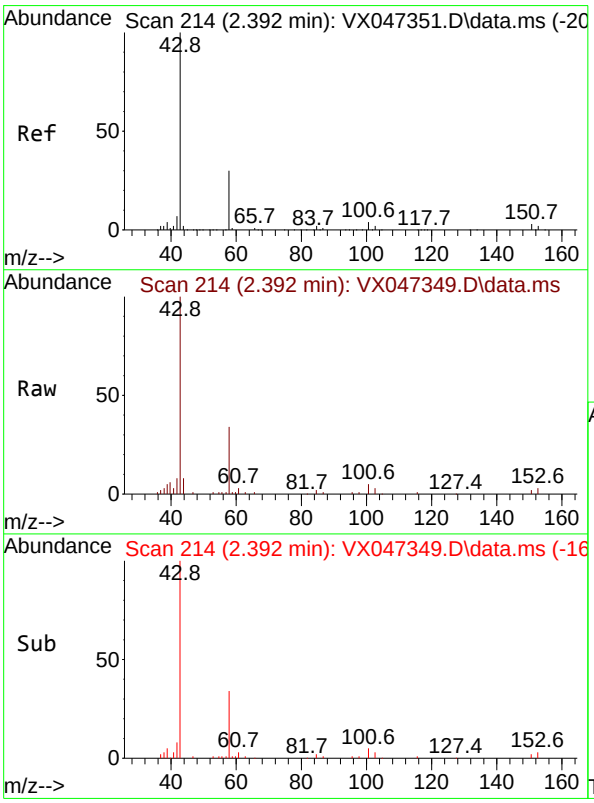
#15
Acrylonitrile
Concen: 22.099 ug/l
RT: 3.087 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 53 Resp: 36613

Ion	Ratio	Lower	Upper
53	100		
52	84.8	65.8	98.6
51	36.7	28.2	42.2

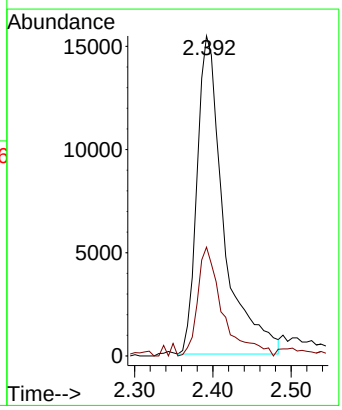


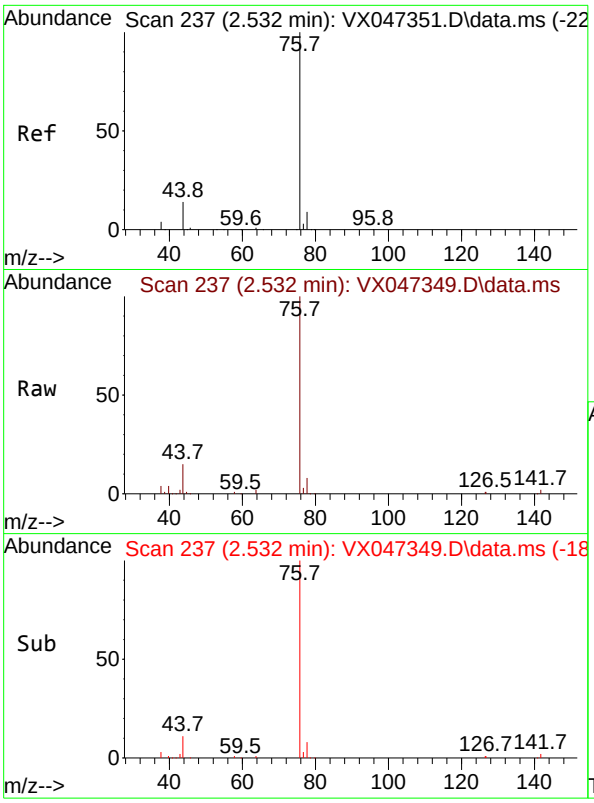


#16
Acetone
Concen: 24.598 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 43 Resp: 36440

Ion	Ratio	Lower	Upper
43	100		
58	34.2	24.8	37.2



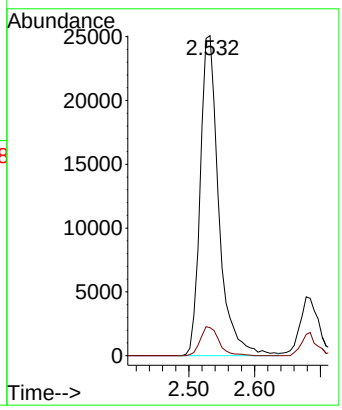


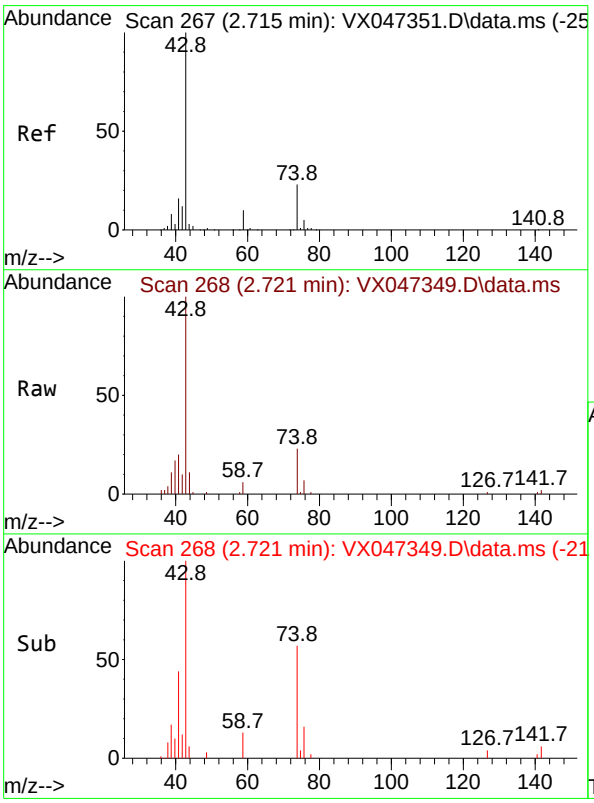
#17
Carbon Disulfide
Concen: 4.598 ug/l
RT: 2.532 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 76 Resp: 49197

Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.2	10.8

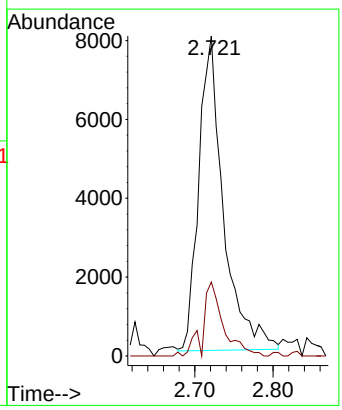


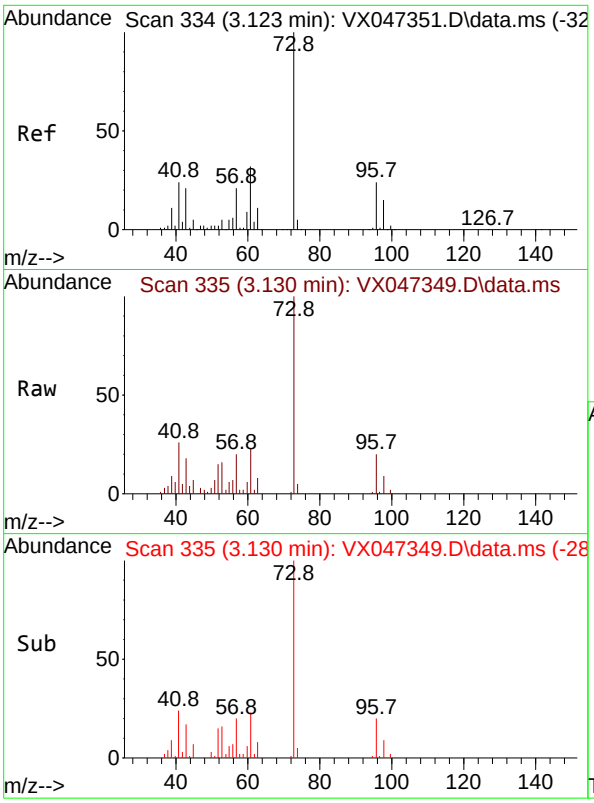


#18
Methyl Acetate
Concen: 4.547 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 43 Resp: 17456

Ion	Ratio	Lower	Upper
43	100		
74	19.6	18.4	27.6



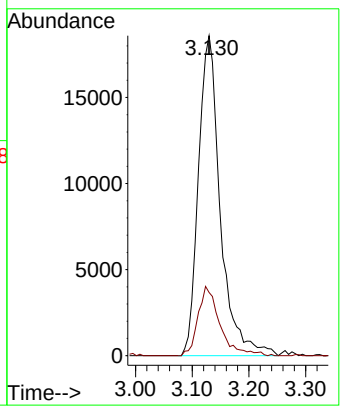


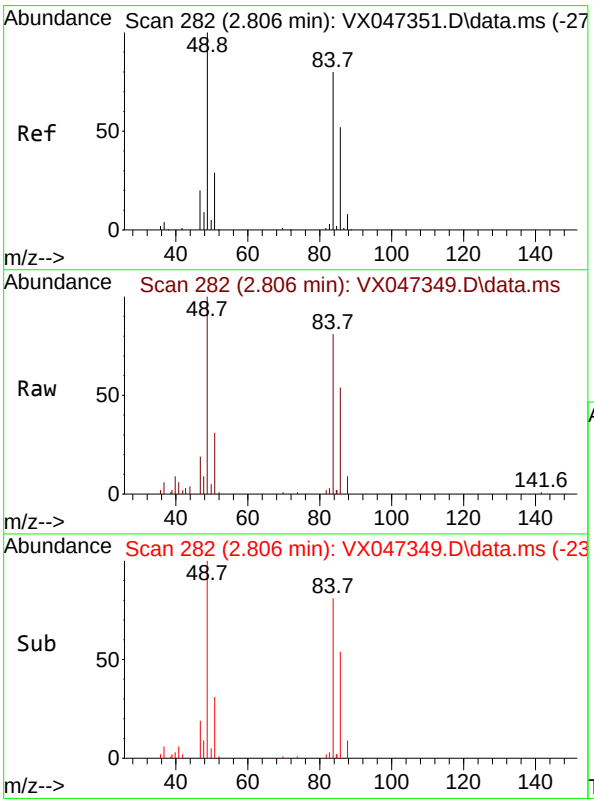
#19
Methyl tert-butyl Ether
Concen: 4.617 ug/l
RT: 3.130 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 73 Resp: 49799

Ion	Ratio	Lower	Upper
73	100		
57	21.5	17.0	25.6

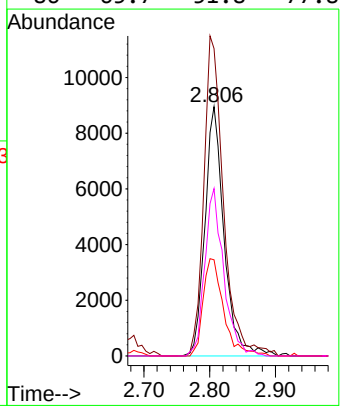


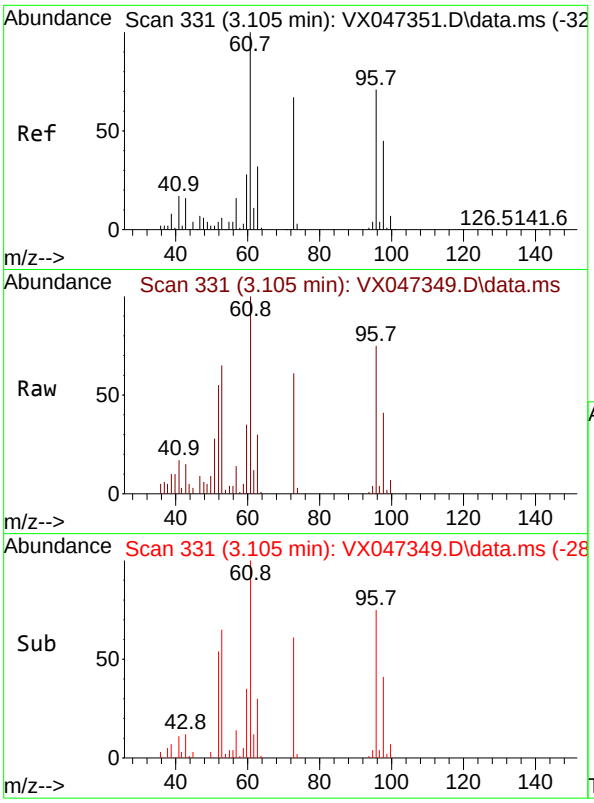


#20
Methylene Chloride
Concen: 4.633 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 84 Resp: 18175

Ion	Ratio	Lower	Upper
84	100		
49	120.7	100.1	150.1
51	37.7	29.5	44.3
86	65.7	51.8	77.8



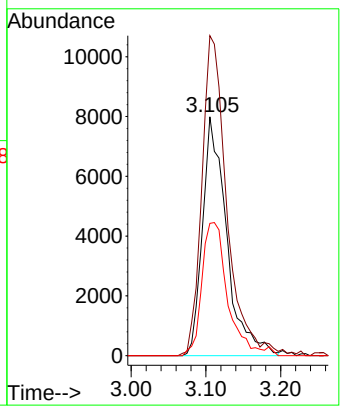


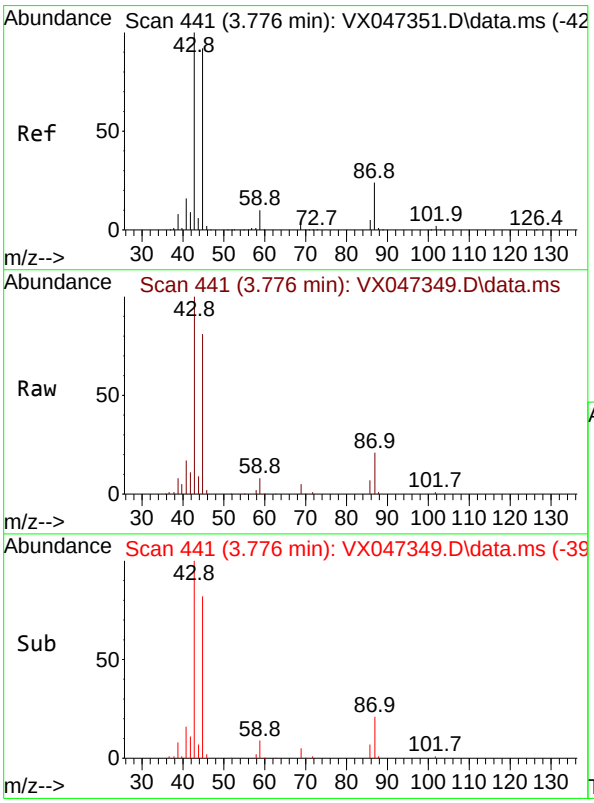
#21
trans-1,2-Dichloroethene
Concen: 4.776 ug/l
RT: 3.105 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 96 Resp: 17974

Ion	Ratio	Lower	Upper
96	100		
61	127.0	112.6	169.0
98	52.5	50.9	76.3

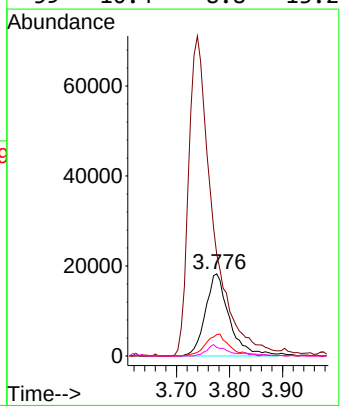


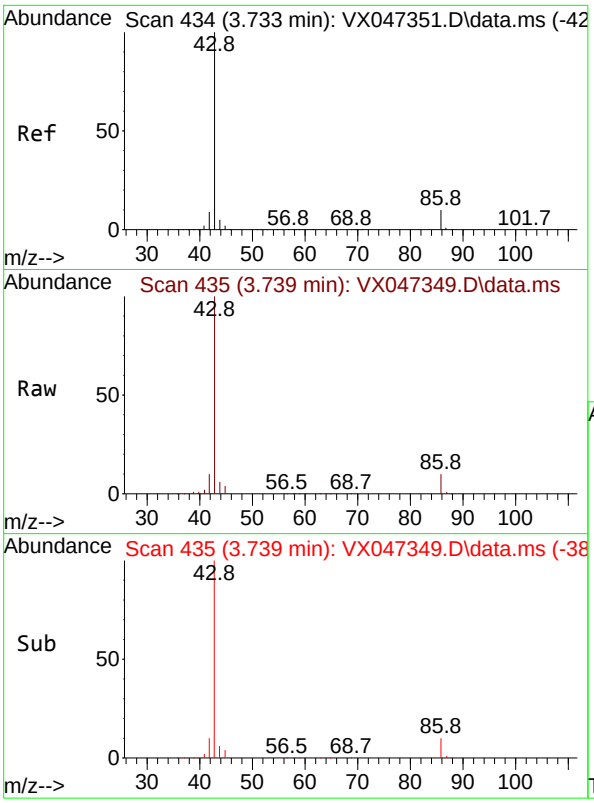


#22
Diisopropyl ether
Concen: 4.708 ug/l
RT: 3.776 min Scan# 441
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 45 Resp: 57311

Ion	Ratio	Lower	Upper
45	100		
43	113.8	86.8	130.2
87	25.9	20.4	30.6
59	10.4	8.8	13.2



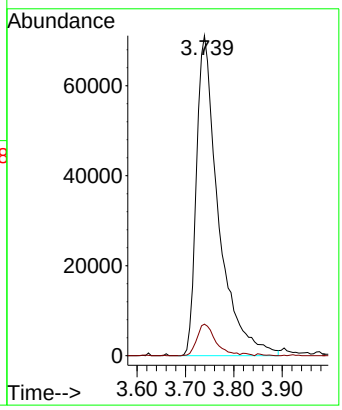


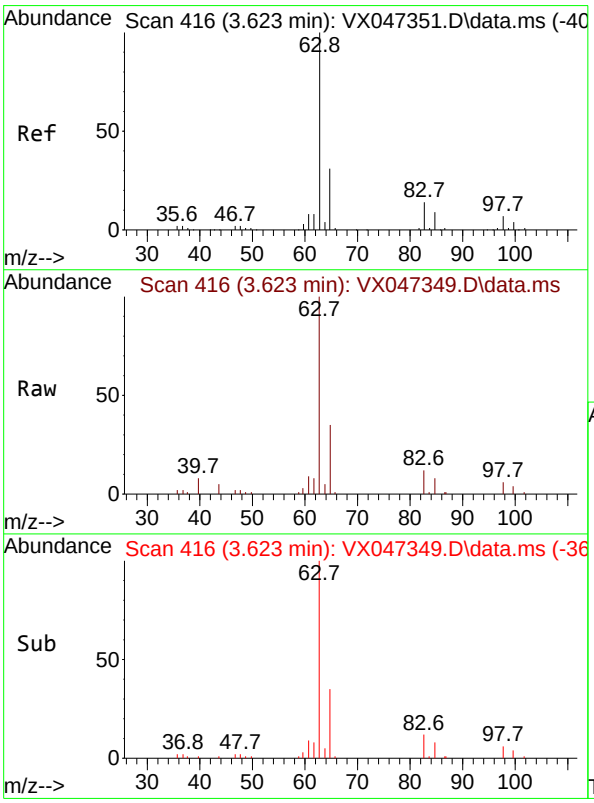
#23
Vinyl Acetate
Concen: 22.525 ug/l
RT: 3.739 min Scan# 4
Delta R.T. 0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 224747

Ion	Ratio	Lower	Upper
43	100		
86	9.9	7.9	11.9

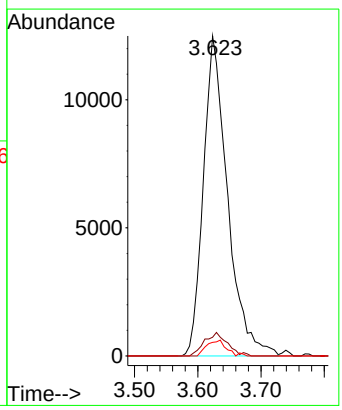


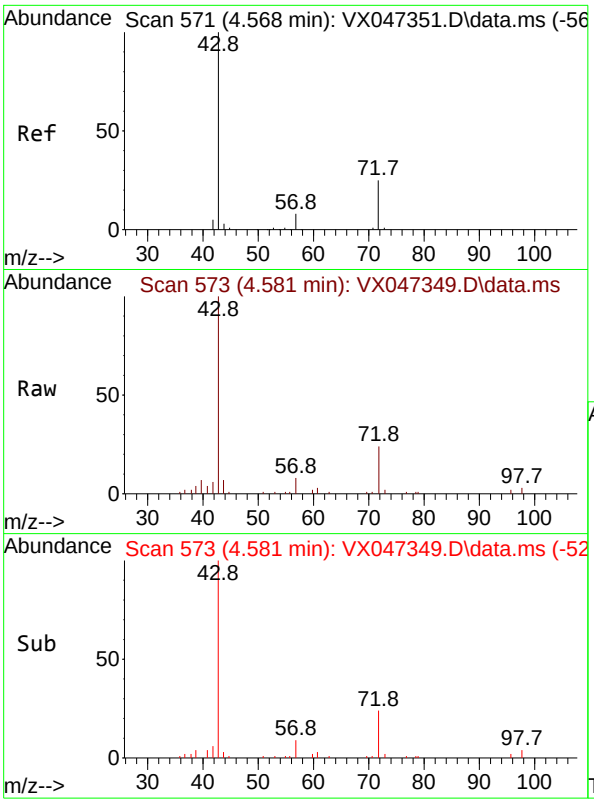


#24
1,1-Dichloroethane
Concen: 4.831 ug/l
RT: 3.623 min Scan# 416
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 63 Resp: 33241

Ion	Ratio	Lower	Upper
63	100		
98	5.8	3.3	9.9
100	4.3	2.1	6.3



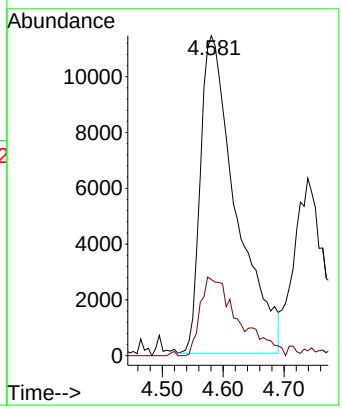


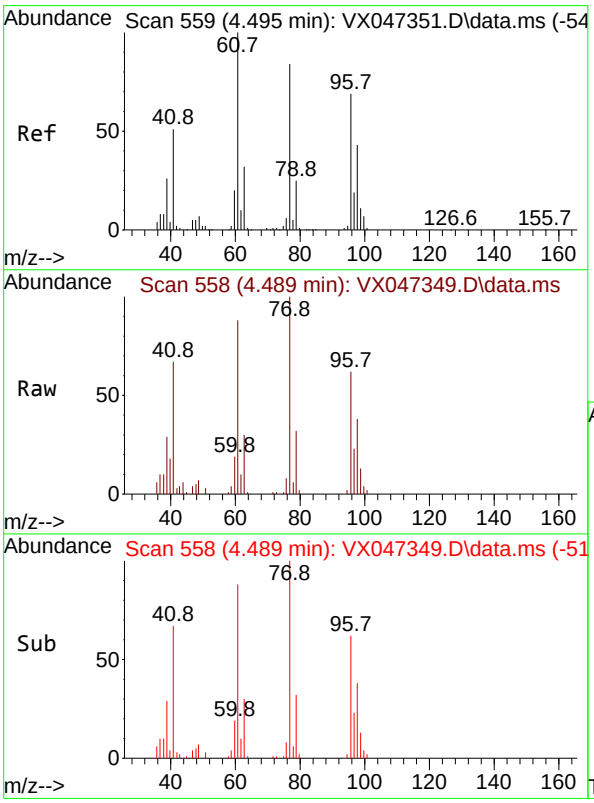
#25
2-Butanone
Concen: 23.830 ug/l
RT: 4.581 min Scan# 5
Delta R.T. 0.012 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 46235

Ion	Ratio	Lower	Upper
43	100		
72	23.1	19.8	29.8

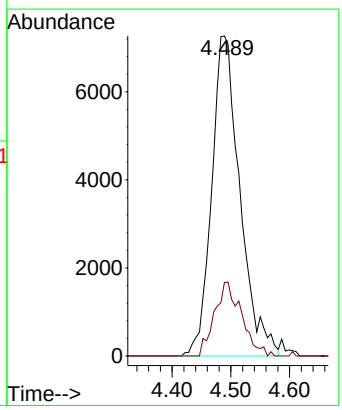


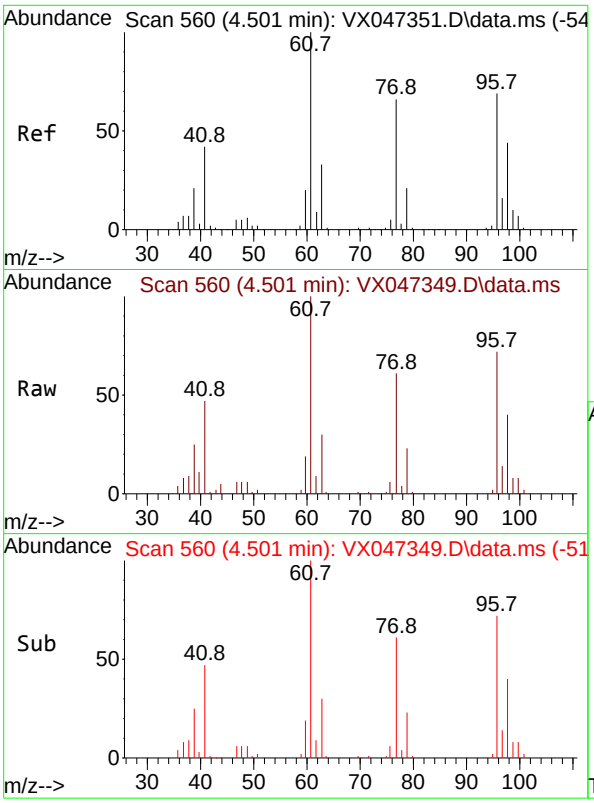


#26
2,2-Dichloropropane
Concen: 4.684 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 77 Resp: 24325

Ion	Ratio	Lower	Upper
77	100		
97	22.0	11.4	34.1



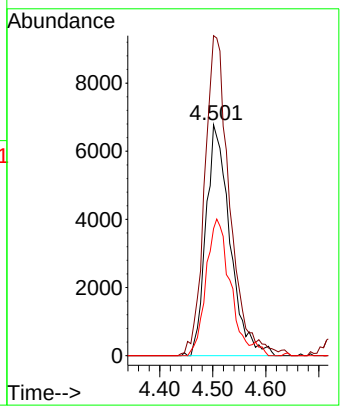


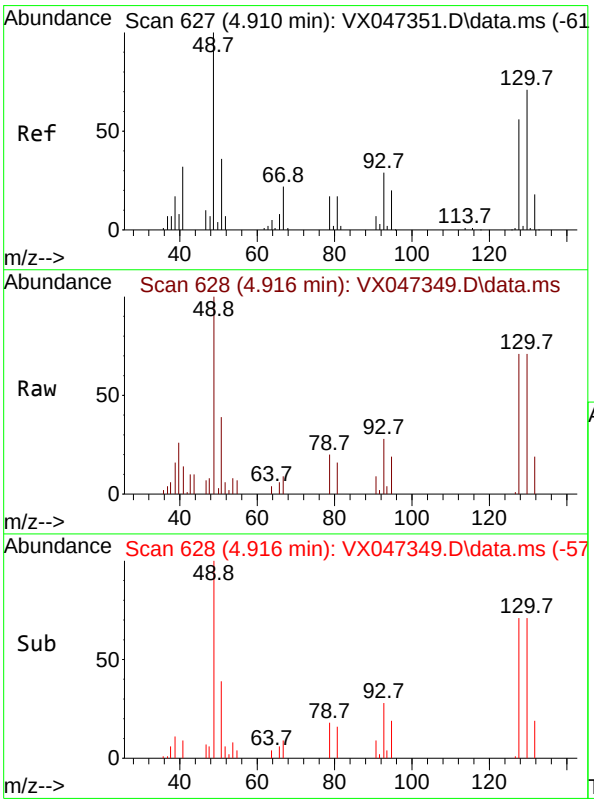
#27
cis-1,2-Dichloroethene
Concen: 4.868 ug/l
RT: 4.501 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 96 Resp: 21338

Ion	Ratio	Lower	Upper
96	100		
61	143.6	0.0	296.6
98	60.7	0.0	130.4

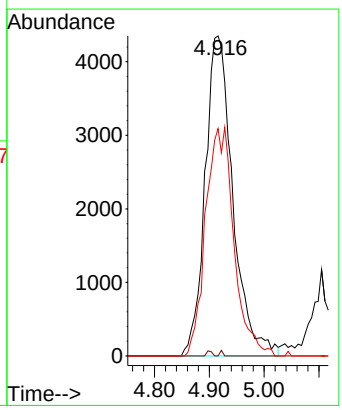


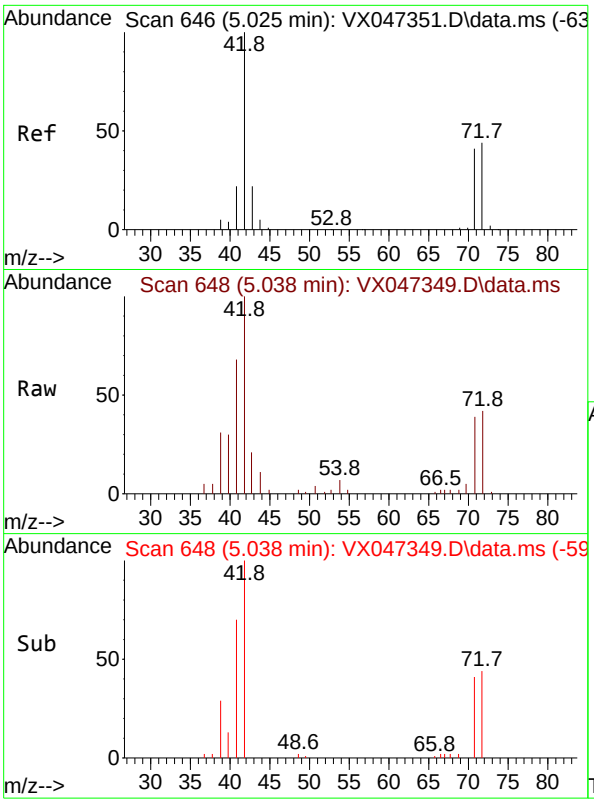


#28
Bromochloromethane
Concen: 5.338 ug/l
RT: 4.916 min Scan# 628
Delta R.T. 0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 49 Resp: 15283

Ion	Ratio	Lower	Upper
49	100		
129	0.2	0.0	4.0
130	72.9	59.8	89.6



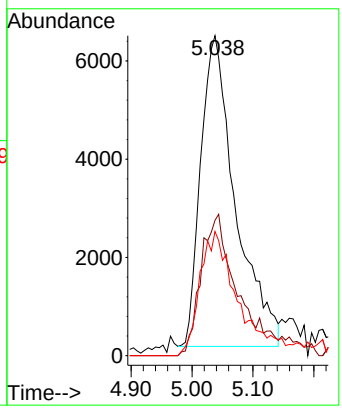


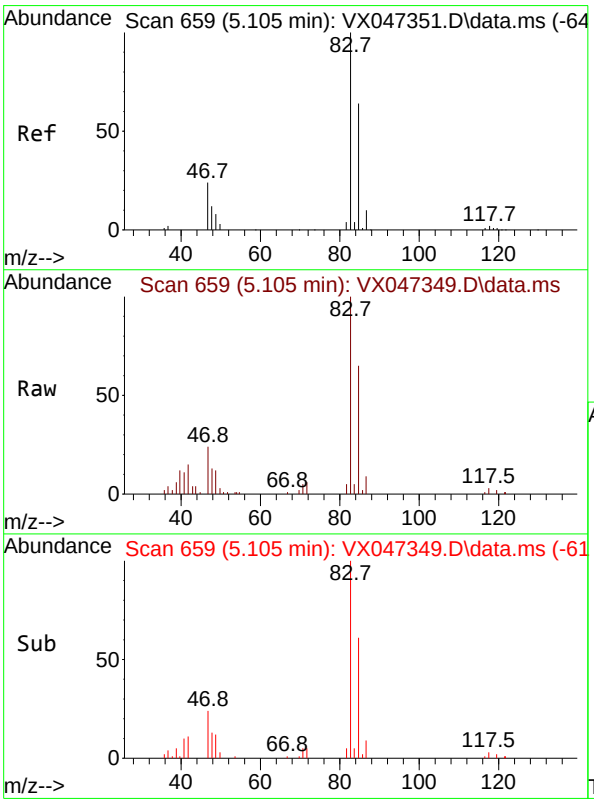
#29
Tetrahydrofuran
Concen: 20.020 ug/l
RT: 5.038 min Scan# 64
Delta R.T. 0.012 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 42 Resp: 25106

Ion	Ratio	Lower	Upper
42	100		
72	47.7	34.6	51.8
71	44.0	32.6	49.0

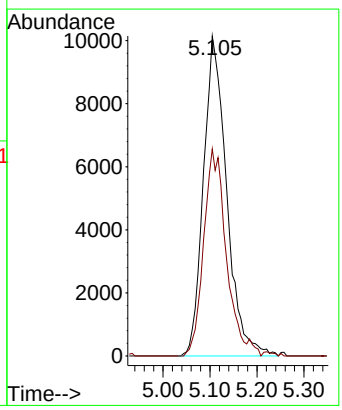


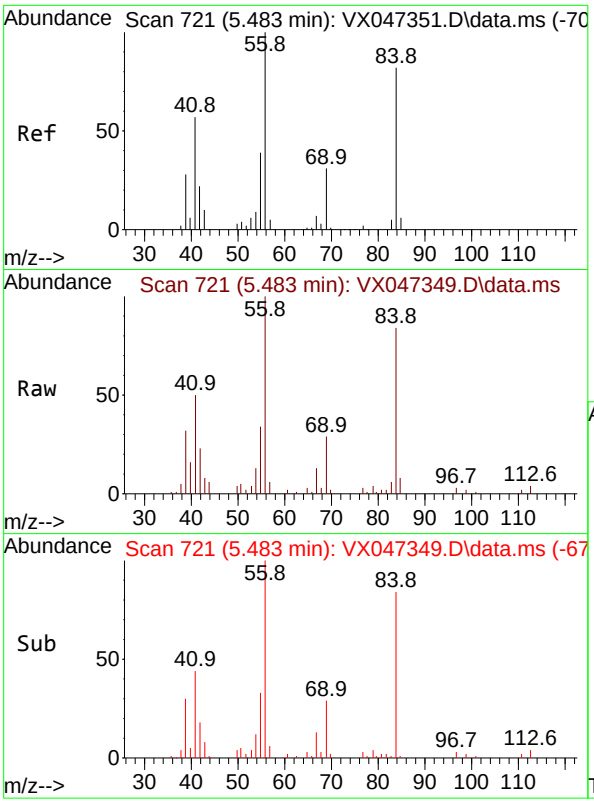


#30
Chloroform
Concen: 4.955 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 83 Resp: 34798

Ion	Ratio	Lower	Upper
83	100		
85	61.9	51.2	76.8



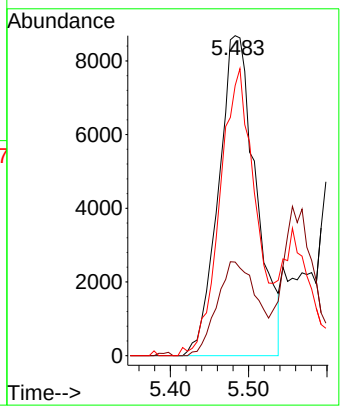


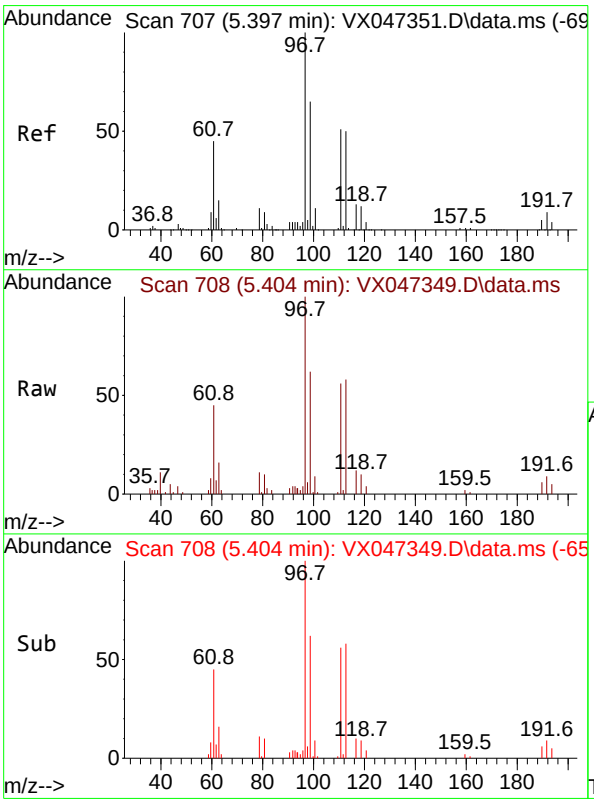
#31
Cyclohexane
Concen: 4.548 ug/l
RT: 5.483 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 56 Resp: 28847

Ion	Ratio	Lower	Upper
56	100		
69	29.2	24.3	36.5
84	92.0	65.3	97.9

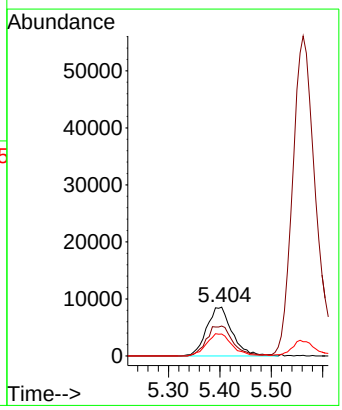


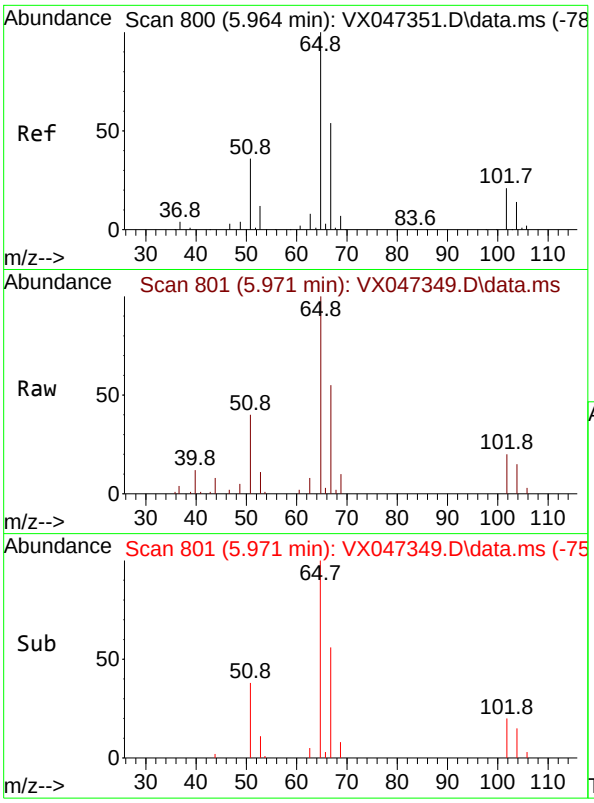


#32
1,1,1-Trichloroethane
Concen: 4.859 ug/l
RT: 5.404 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 97 Resp: 29367

Ion	Ratio	Lower	Upper
97	100		
99	63.0	51.4	77.0
61	45.2	35.7	53.5



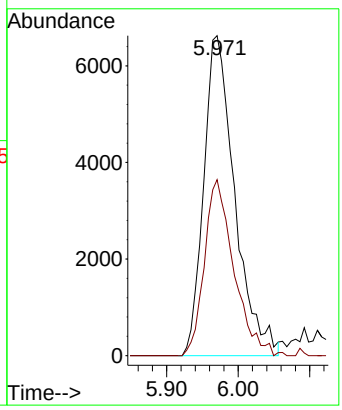


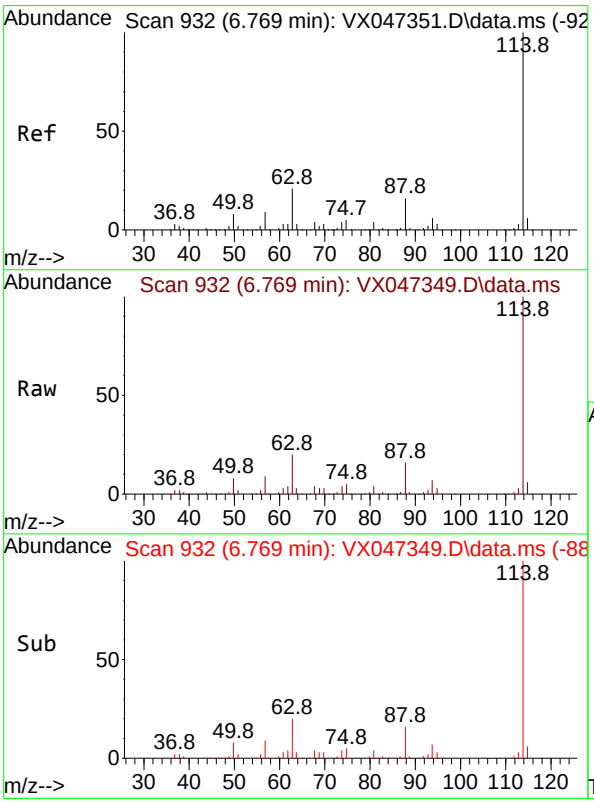
#33
1,2-Dichloroethane-d4
Concen: 5.065 ug/l
RT: 5.971 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 65 Resp: 19963

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	106.0

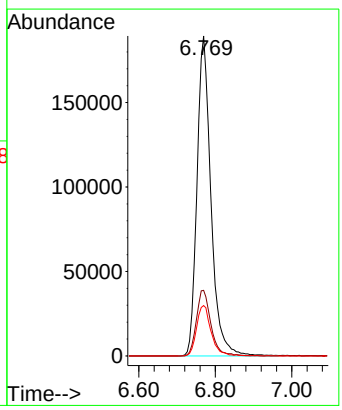


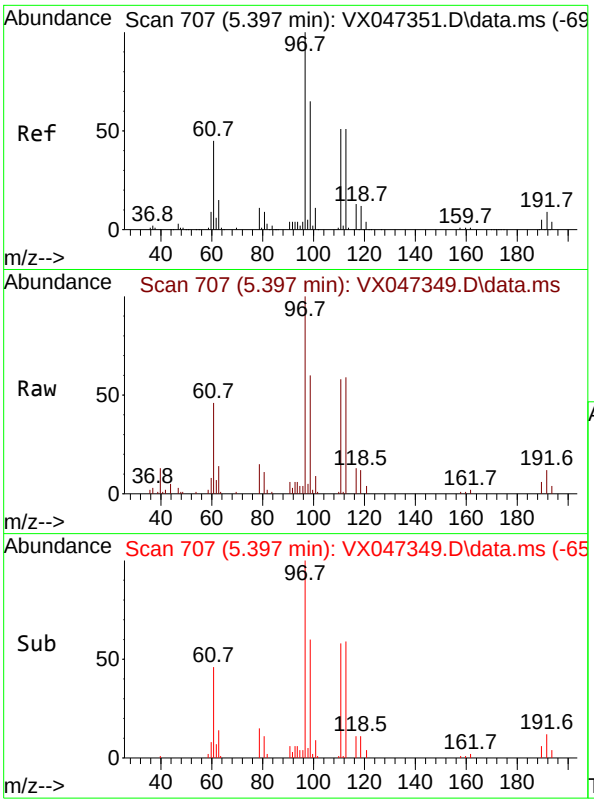


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion:114 Resp: 479446

Ion	Ratio	Lower	Upper
114	100		
63	23.9	0.0	42.4
88	15.7	0.0	33.0



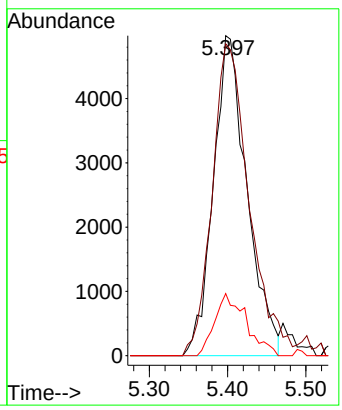


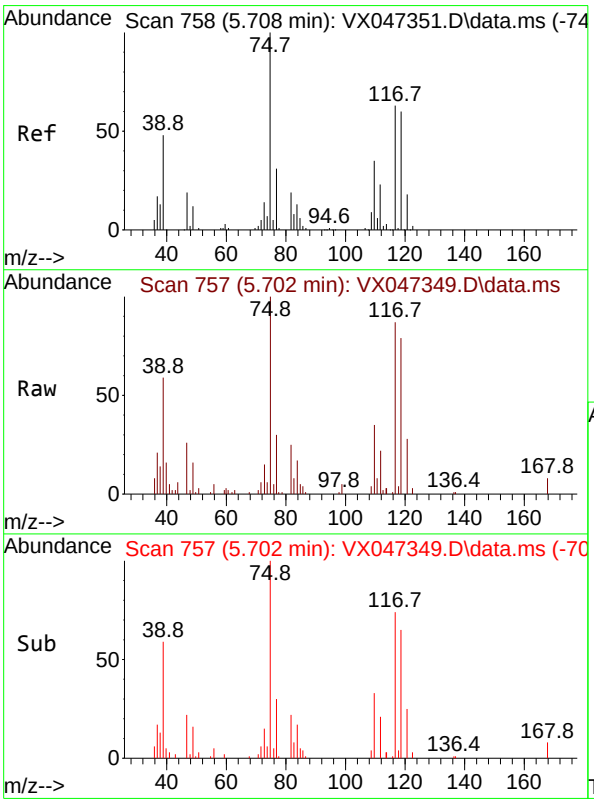
#35
Dibromofluoromethane
Concen: 4.776 ug/l
RT: 5.397 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:113 Resp: 14862

Ion	Ratio	Lower	Upper
113	100		
111	106.7	81.4	122.2
192	18.2	14.1	21.1

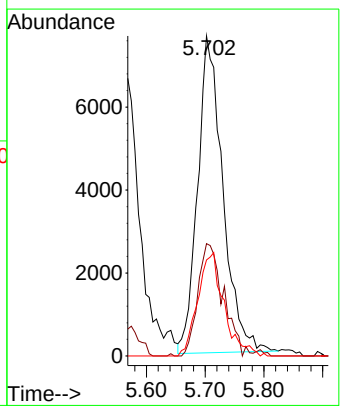


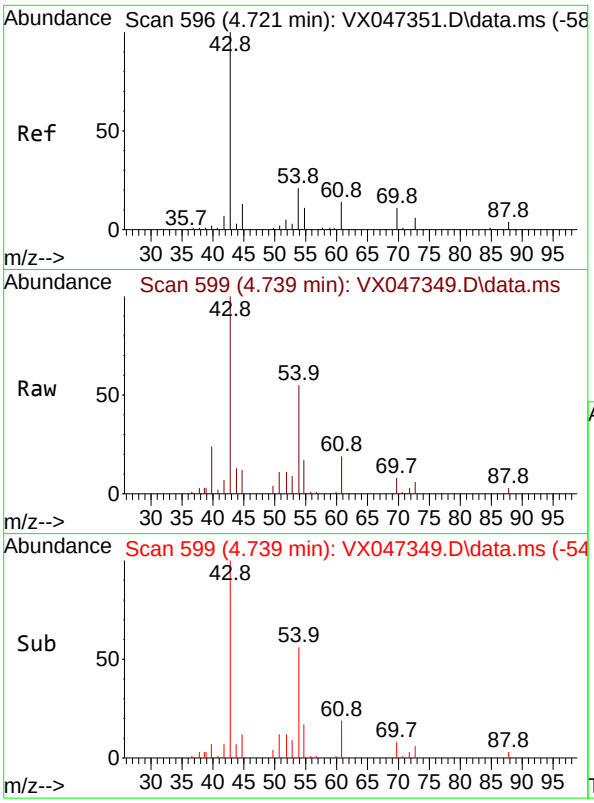


#36
1,1-Dichloropropene
Concen: 4.641 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 75 Resp: 22796

Ion	Ratio	Lower	Upper
75	100		
110	36.1	17.4	52.2
77	33.8	24.4	36.6



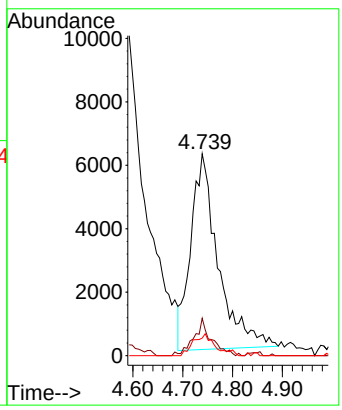


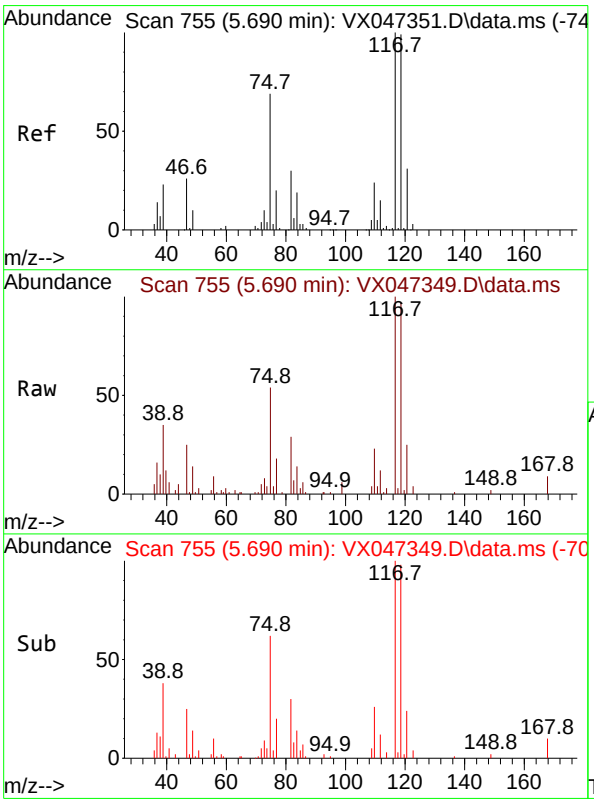
#37
Ethyl Acetate
Concen: 4.613 ug/l
RT: 4.739 min Scan# 5
Delta R.T. 0.019 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 23521

Ion	Ratio	Lower	Upper
43	100		
61	12.2	9.4	14.2
70	8.9	7.0	10.6

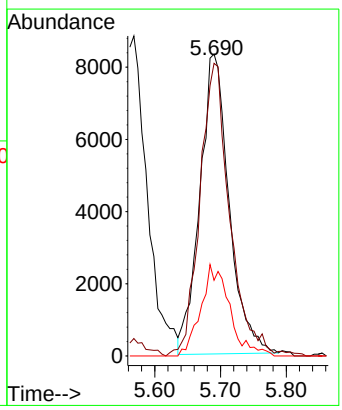


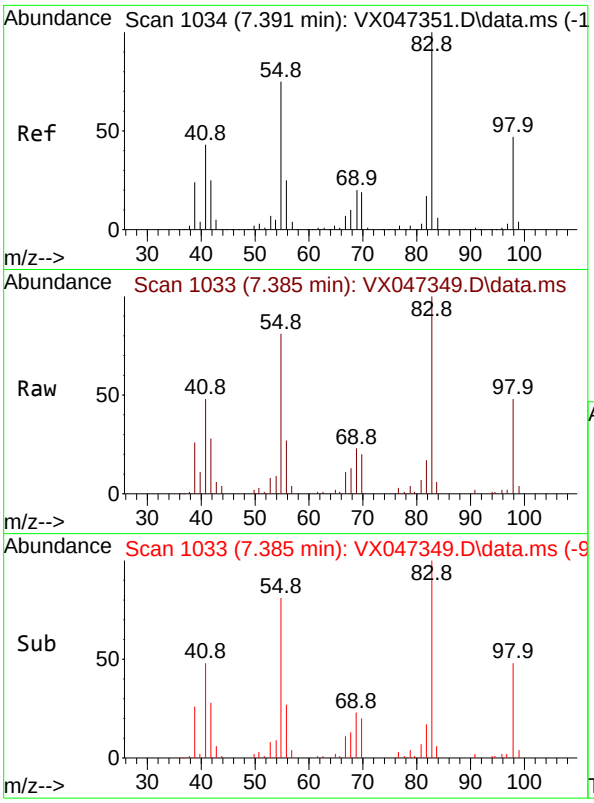


#38
Carbon Tetrachloride
Concen: 4.791 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion:117 Resp: 25718

Ion	Ratio	Lower	Upper
117	100		
119	96.4	78.5	117.7
121	25.3	24.7	37.1



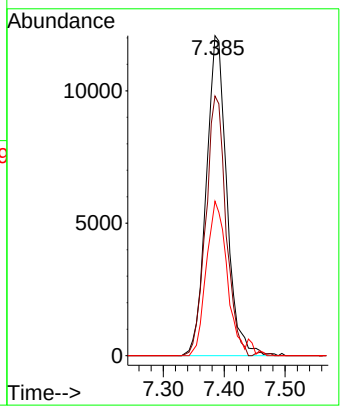


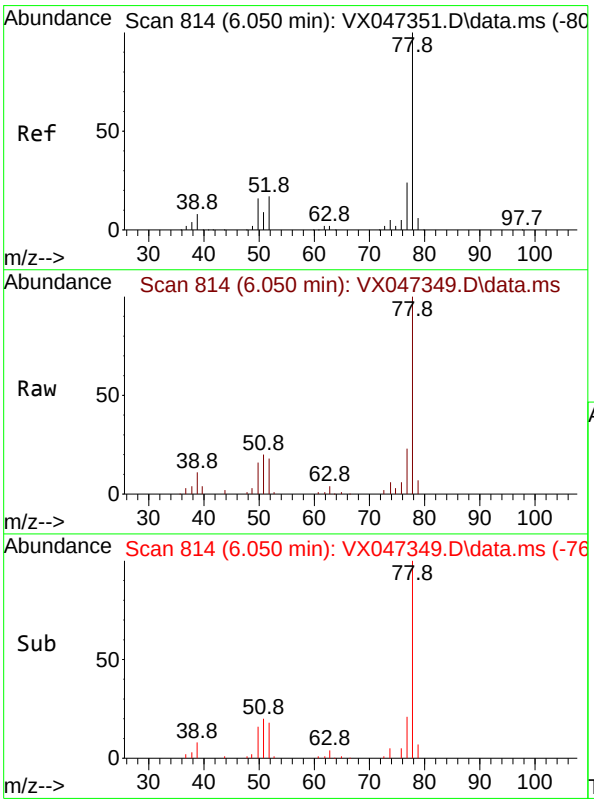
#39
Methylcyclohexane
Concen: 4.609 ug/l
RT: 7.385 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 28242

Ion	Ratio	Lower	Upper
83	100		
55	76.5	60.0	90.0
98	45.5	37.2	55.8

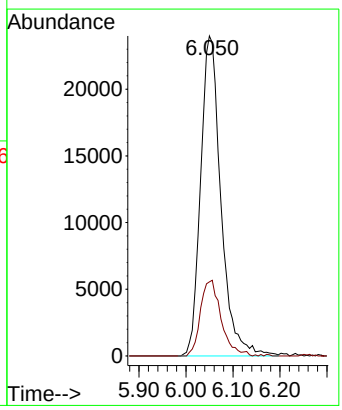


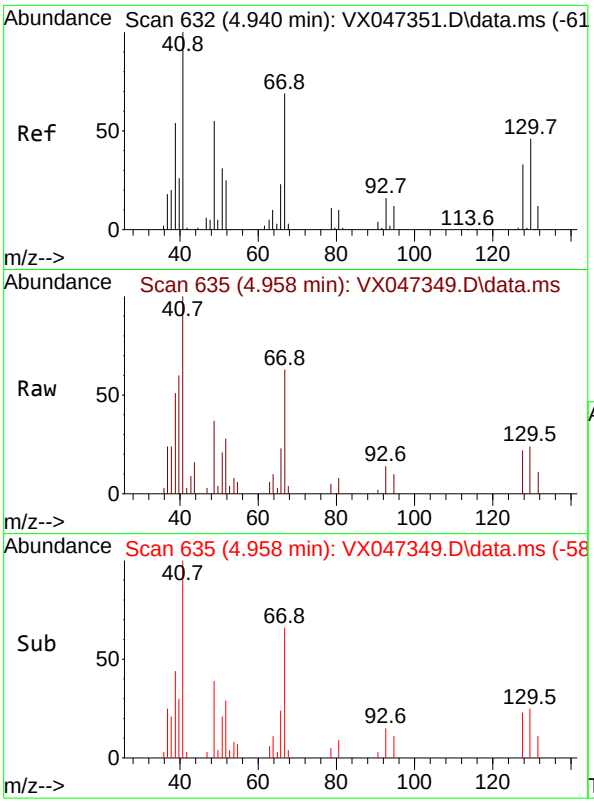


#40
Benzene
Concen: 4.899 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 78 Resp: 72021

Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.0	28.4



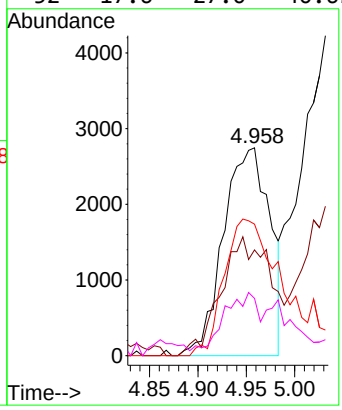


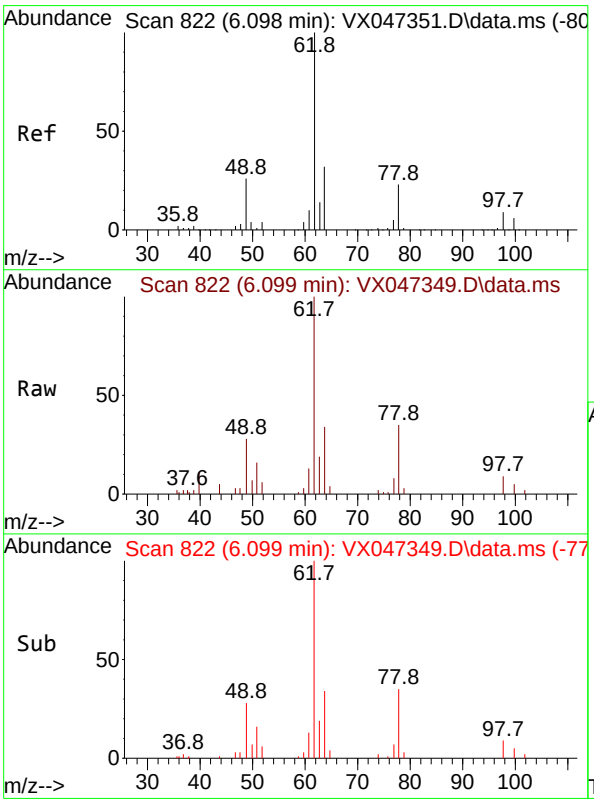
#41
Methacrylonitrile
Concen: 4.271 ug/l
RT: 4.958 min Scan# 6
Delta R.T. 0.018 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 41 Resp: 9185

Ion	Ratio	Lower	Upper
41	100		
39	61.5	45.4	68.2
67	77.7	64.0	96.0
52	17.6	27.0	40.6#

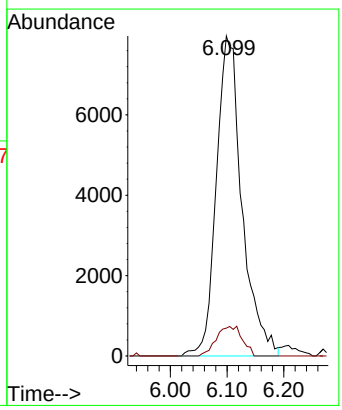


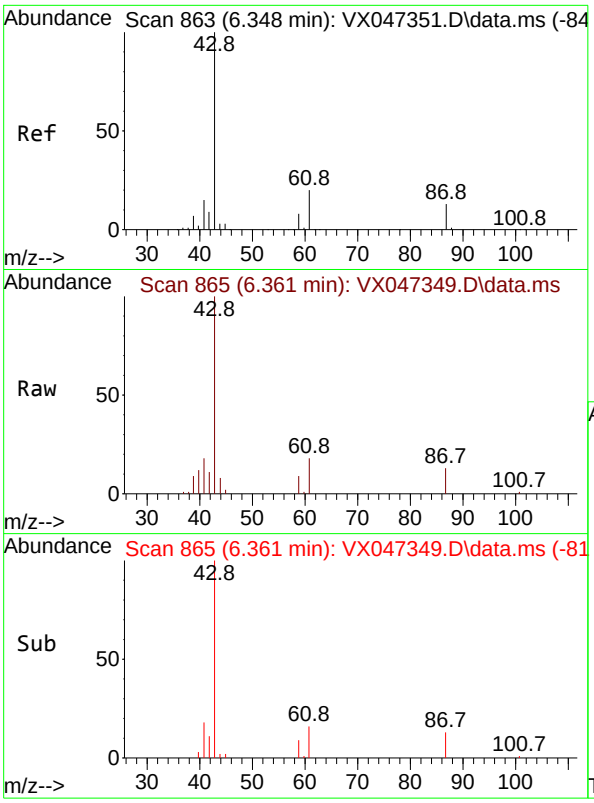


#42
1,2-Dichloroethane
Concen: 4.796 ug/l
RT: 6.099 min Scan# 822
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 62 Resp: 24979

Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.0



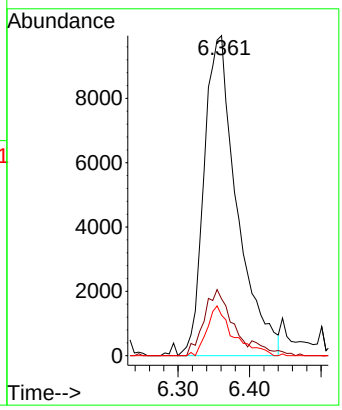


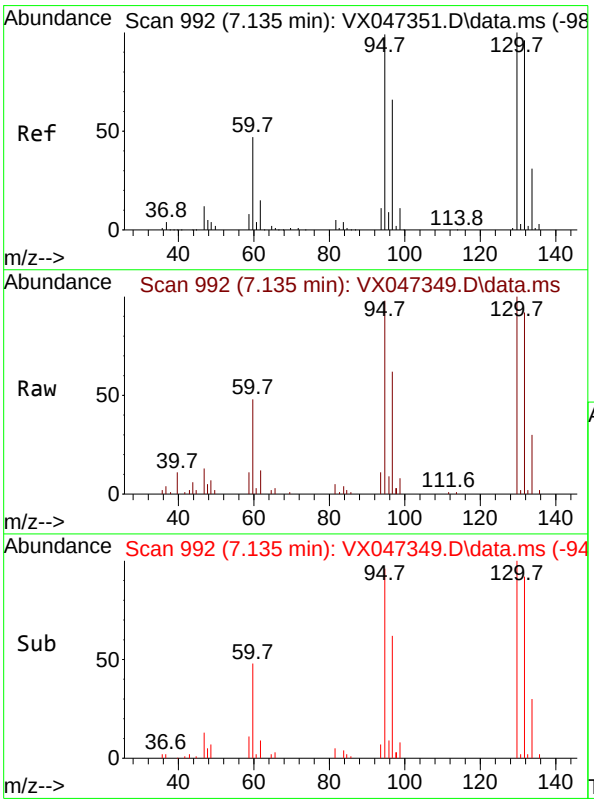
#43
Isopropyl Acetate
Concen: 4.316 ug/l
RT: 6.361 min Scan# 8
Delta R.T. 0.012 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 31621

Ion	Ratio	Lower	Upper
43	100		
61	17.1	15.4	23.0
87	12.4	10.2	15.4

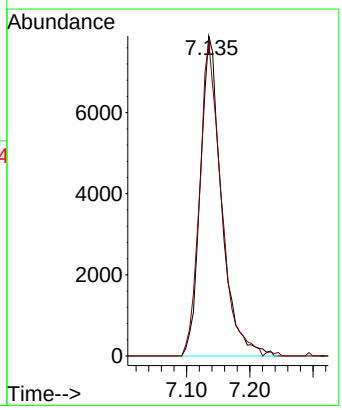


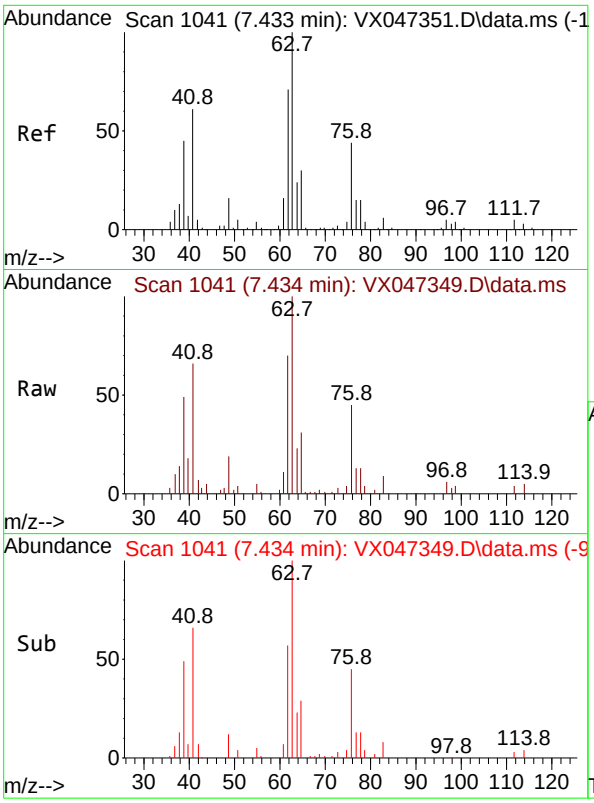


#44
Trichloroethene
Concen: 4.884 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion:130 Resp: 18386

Ion	Ratio	Lower	Upper
130	100		
95	98.2	0.0	198.6



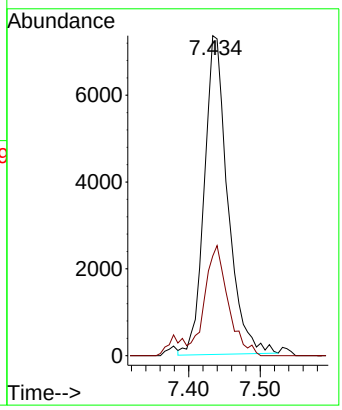


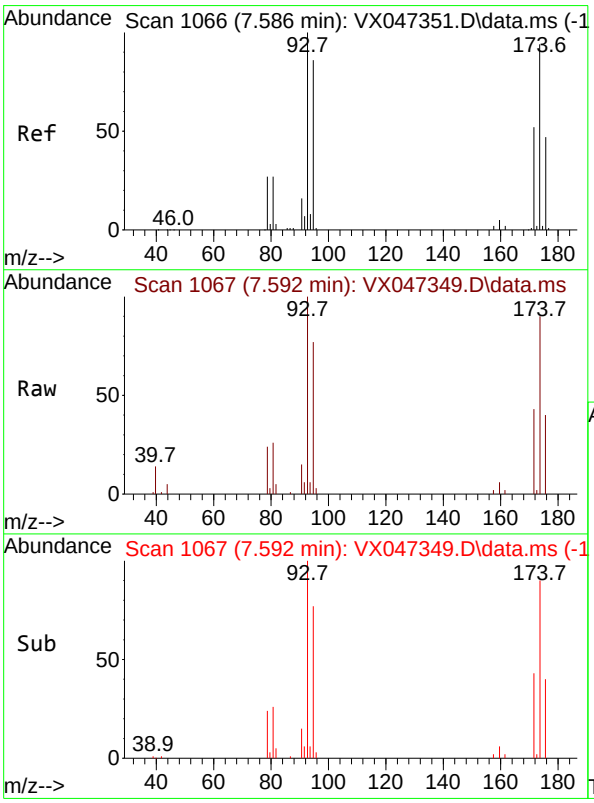
#45
1,2-Dichloropropane
Concen: 4.542 ug/l
RT: 7.434 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 63 Resp: 16729

Ion	Ratio	Lower	Upper
63	100		
65	32.3	23.8	35.6

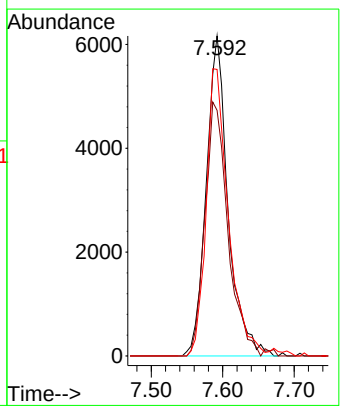


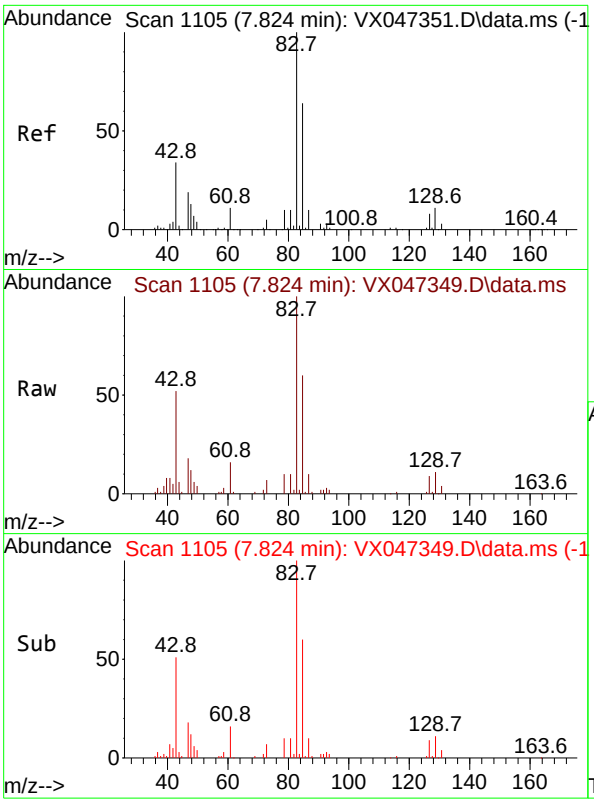


#46
Dibromomethane
Concen: 4.885 ug/l
RT: 7.592 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 93 Resp: 13062

Ion	Ratio	Lower	Upper
93	100		
95	83.7	68.0	102.0
174	91.2	75.8	113.6



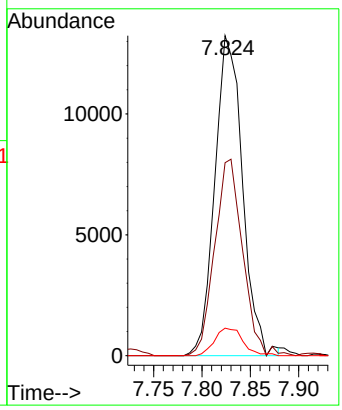


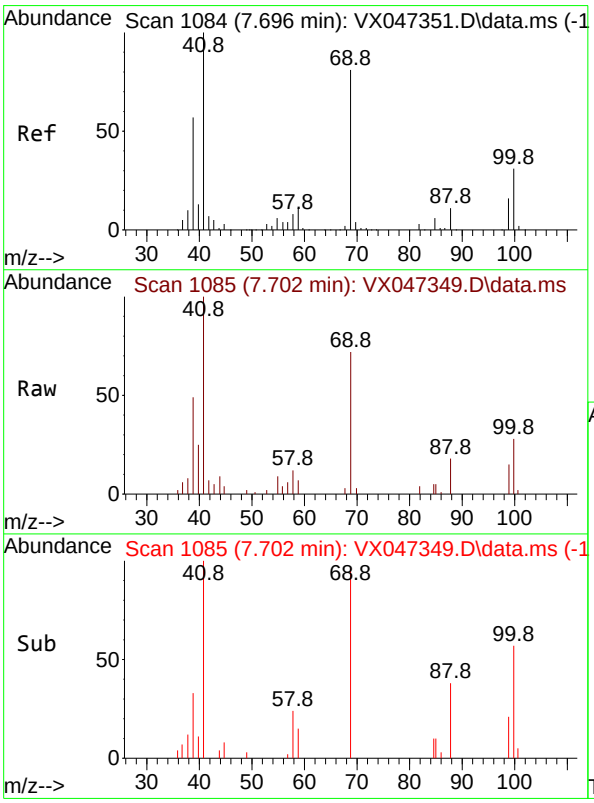
#47
Bromodichloromethane
Concen: 4.741 ug/l
RT: 7.824 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 26280

Ion	Ratio	Lower	Upper
83	100		
85	59.8	51.0	76.6
127	8.4	7.0	10.4

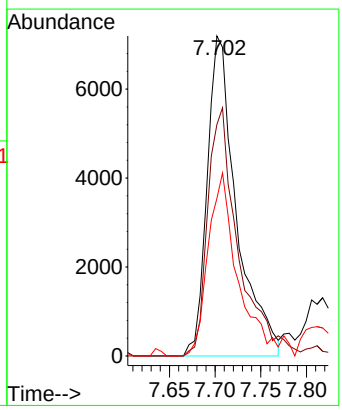


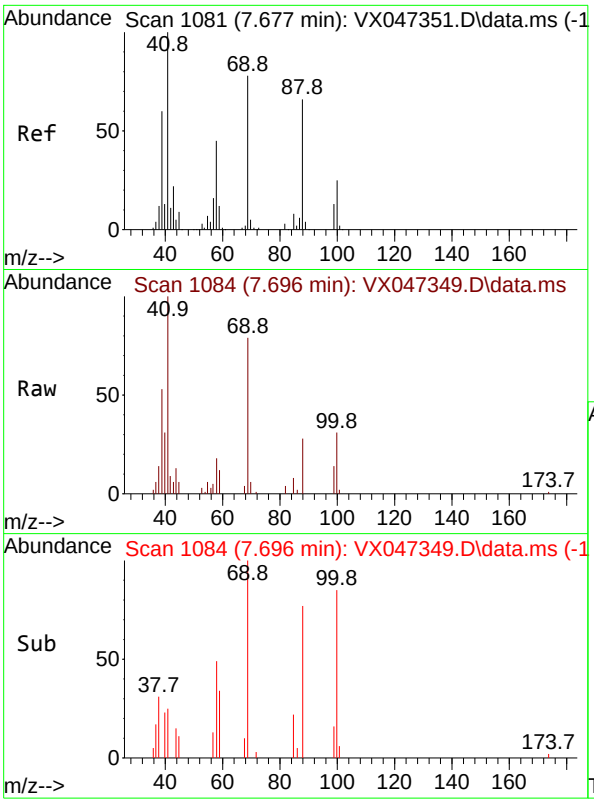


#48
Methyl methacrylate
Concen: 4.222 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 41 Resp: 16053

Ion	Ratio	Lower	Upper
41	100		
69	81.0	65.0	97.4
39	58.8	45.7	68.5



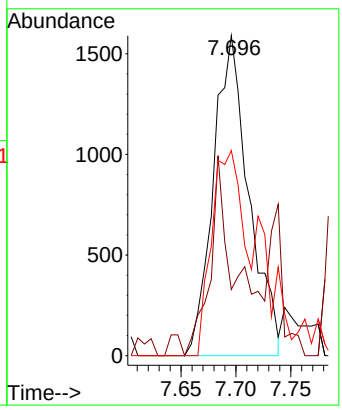


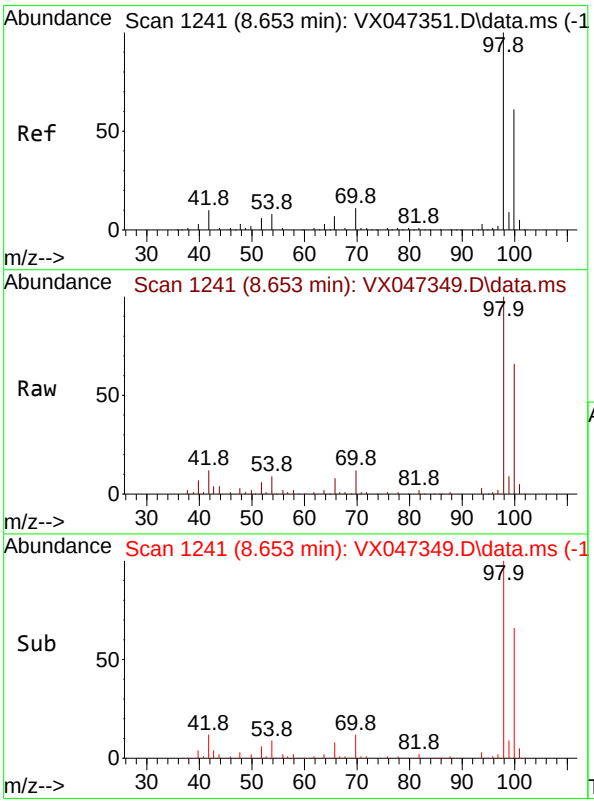
#49
1,4-Dioxane
Concen: 99.195 ug/l
RT: 7.696 min Scan# 1
Delta R.T. 0.018 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 88 Resp: 3582

Ion	Ratio	Lower	Upper
88	100		
43	40.4	32.4	48.6
58	58.0	56.9	85.3

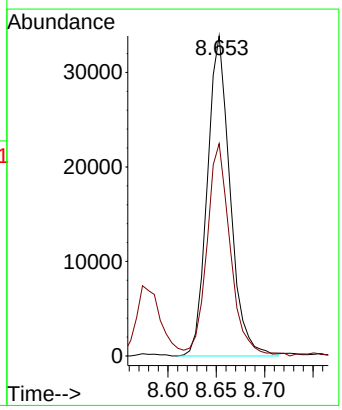


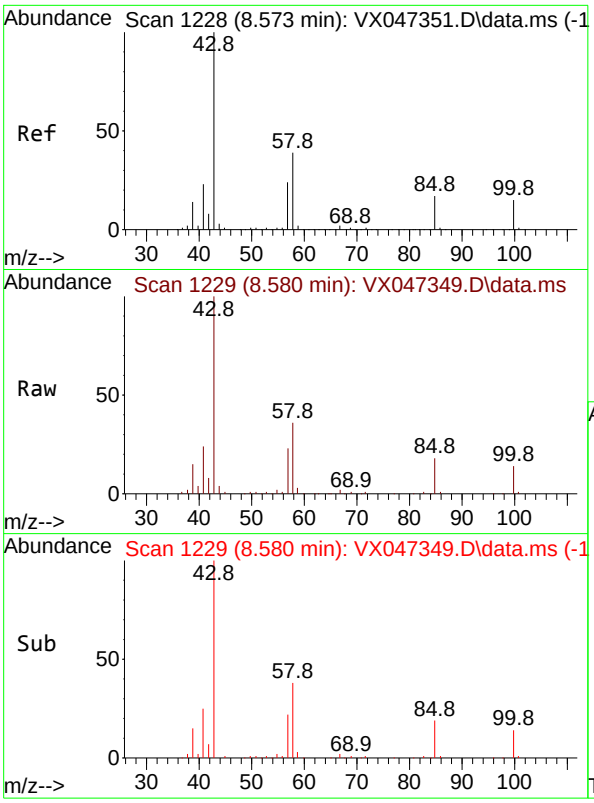


#50
Toluene-d8
Concen: 4.987 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 98 Resp: 55469

Ion	Ratio	Lower	Upper
98	100		
100	68.1	53.9	80.9



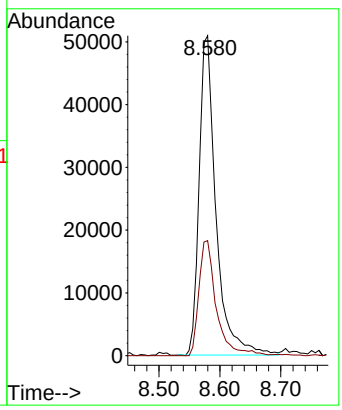


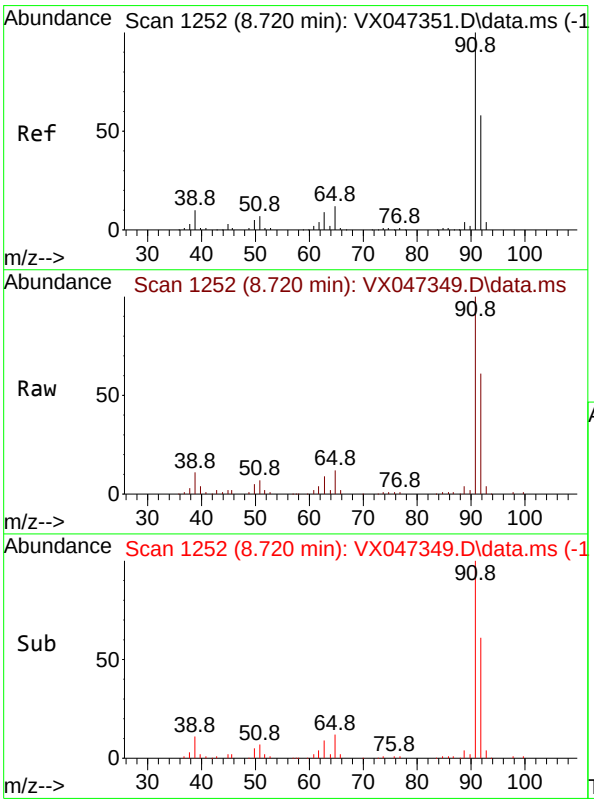
#51
4-Methyl-2-Pentanone
Concen: 23.221 ug/l
RT: 8.580 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 97891

Ion	Ratio	Lower	Upper
43	100		
58	37.3	31.2	46.8

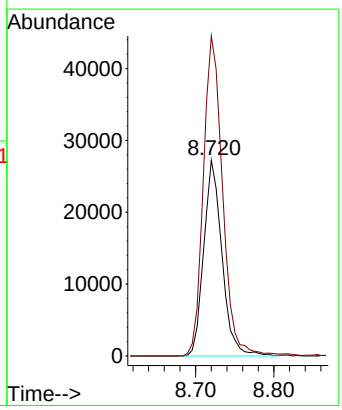


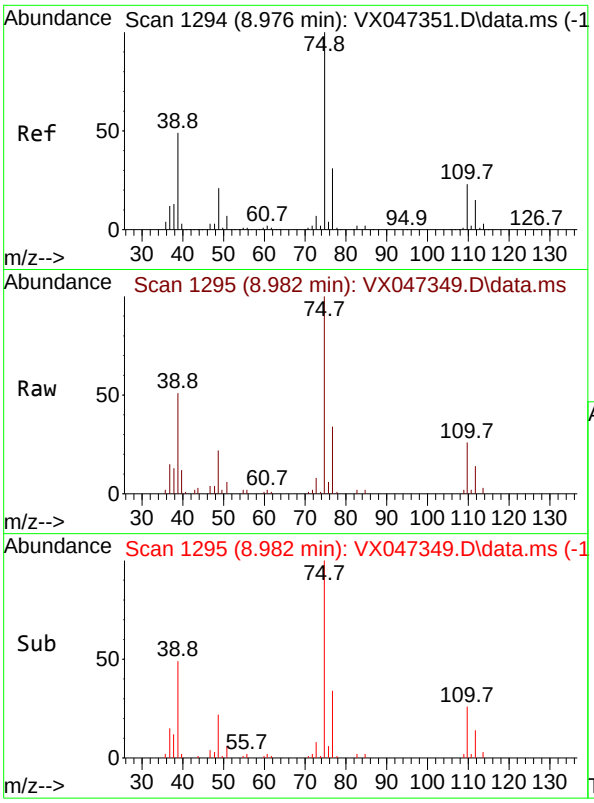


#52
Toluene
Concen: 4.854 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 92 Resp: 44099

Ion	Ratio	Lower	Upper
92	100		
91	173.0	136.3	204.5



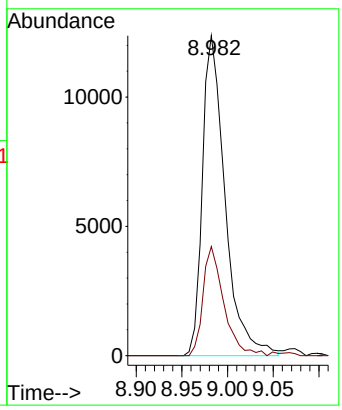


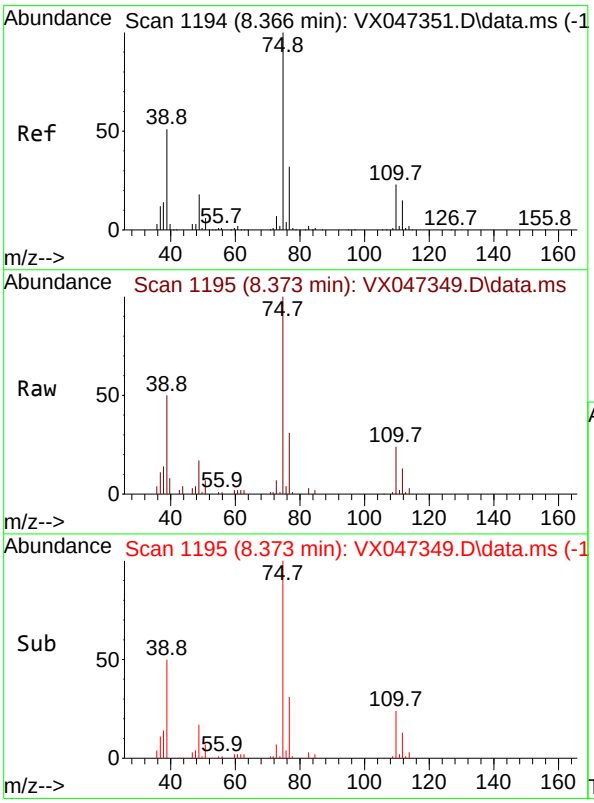
#53
t-1,3-Dichloropropene
Concen: 4.403 ug/l
RT: 8.982 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 75 Resp: 21300

Ion	Ratio	Lower	Upper
75	100		
77	34.1	24.7	37.1

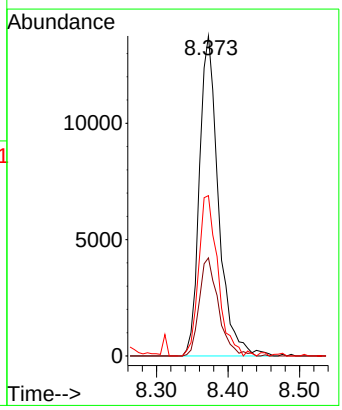


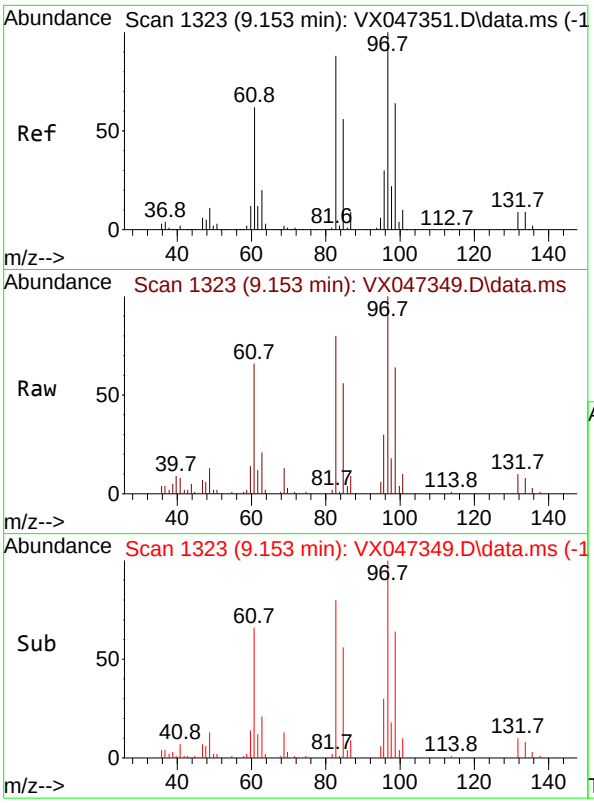


#54
cis-1,3-Dichloropropene
Concen: 4.652 ug/l
RT: 8.373 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 75 Resp: 25475

Ion	Ratio	Lower	Upper
75	100		
77	30.6	25.6	38.4
39	57.4	40.9	61.3



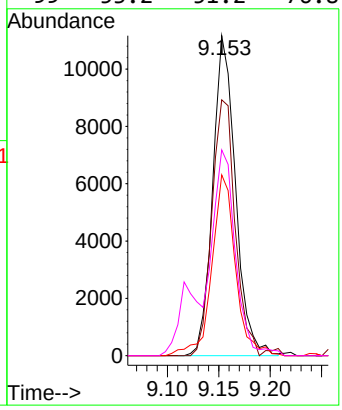


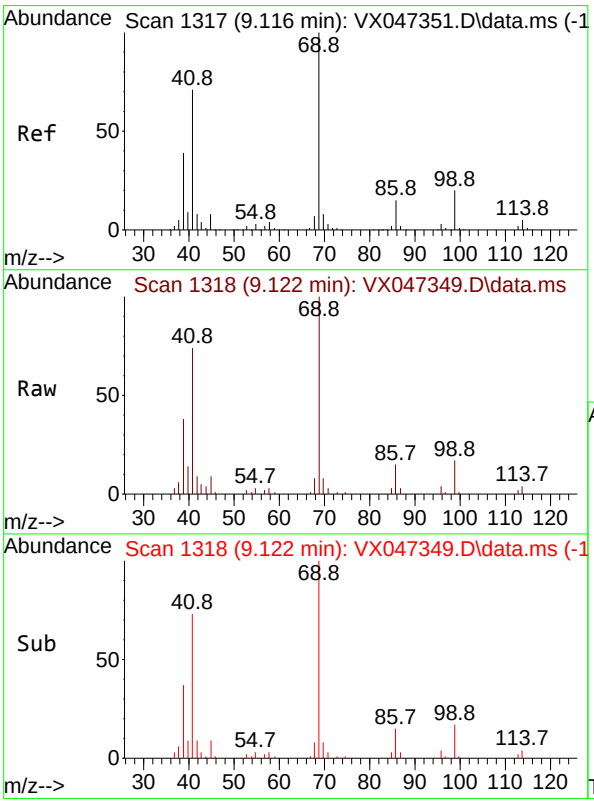
#55
1,1,2-Trichloroethane
Concen: 4.972 ug/l
RT: 9.153 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 97 Resp: 17150

Ion	Ratio	Lower	Upper
97	100		
83	67.7	70.6	106.0#
85	47.4	44.7	67.1
99	53.2	51.2	76.8

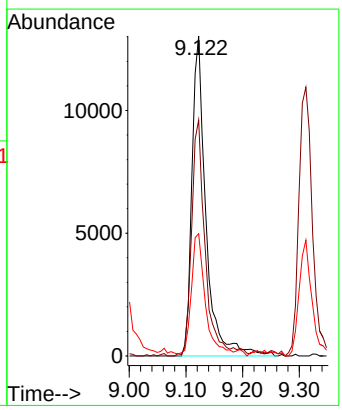


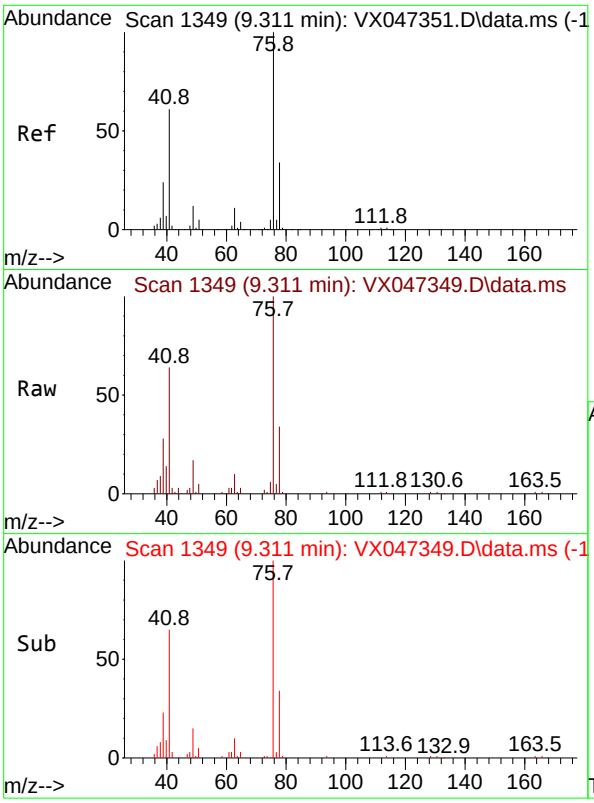


#56
Ethyl methacrylate
Concen: 4.397 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 69 Resp: 22362

Ion	Ratio	Lower	Upper
69	100		
41	72.2	55.3	82.9
39	36.4	30.2	45.2



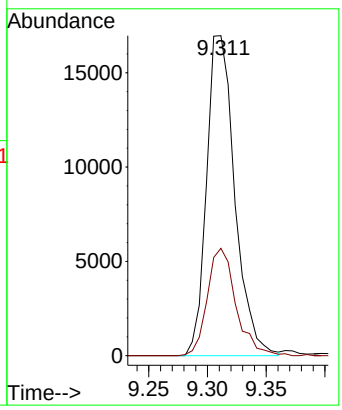


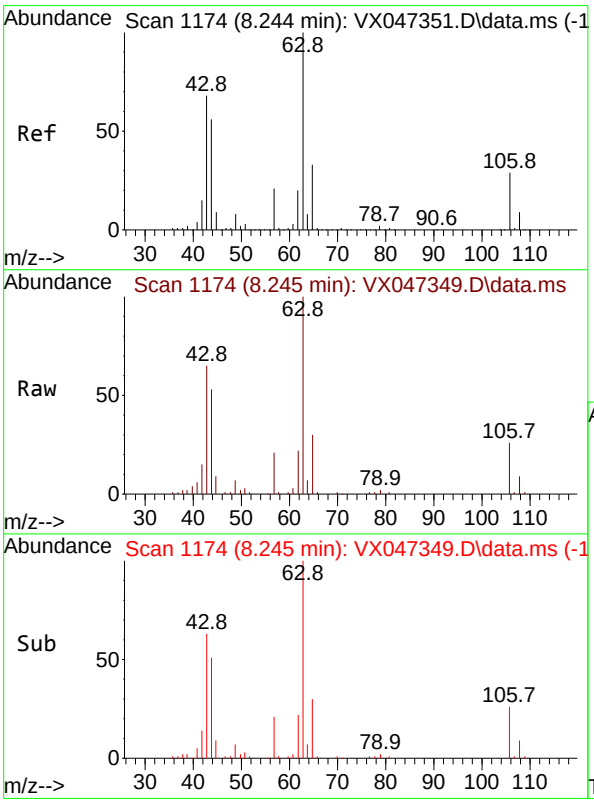
#57
1,3-Dichloropropane
Concen: 4.821 ug/l
RT: 9.311 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 76 Resp: 28336

Ion	Ratio	Lower	Upper
76	100		
78	34.0	26.2	39.2

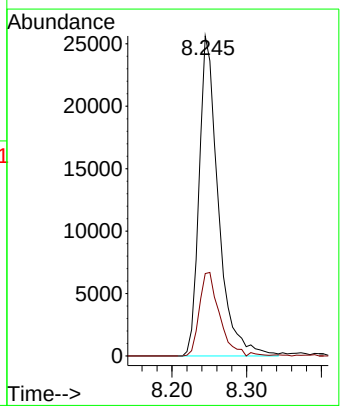


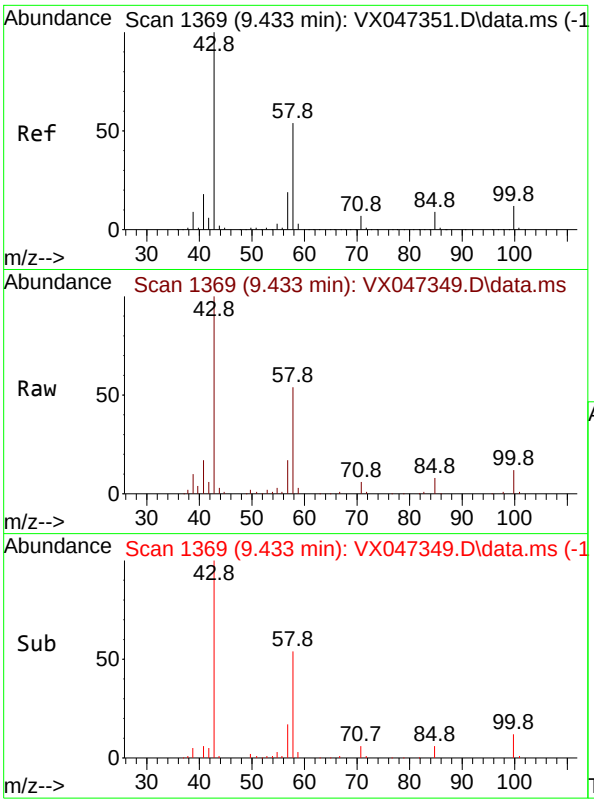


#58
2-Chloroethyl Vinyl ether
Concen: 26.559 ug/l
RT: 8.245 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 63 Resp: 45735

Ion	Ratio	Lower	Upper
63	100		
106	27.6	22.8	34.2



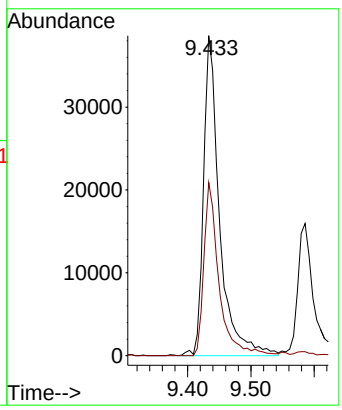


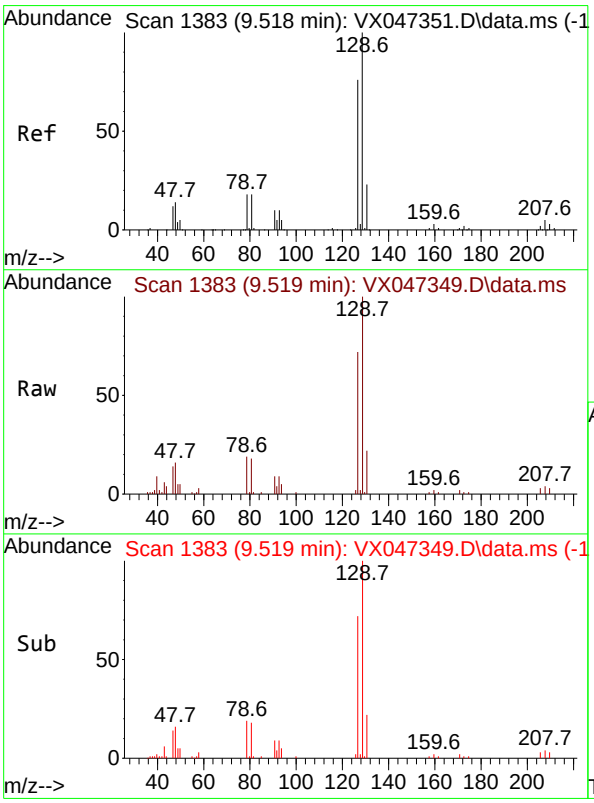
#59
2-Hexanone
Concen: 23.375 ug/l
RT: 9.433 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 68164

Ion	Ratio	Lower	Upper
43	100		
58	50.9	26.9	80.7

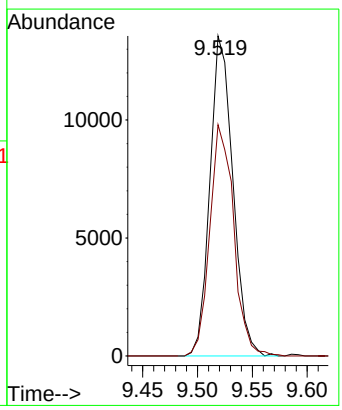


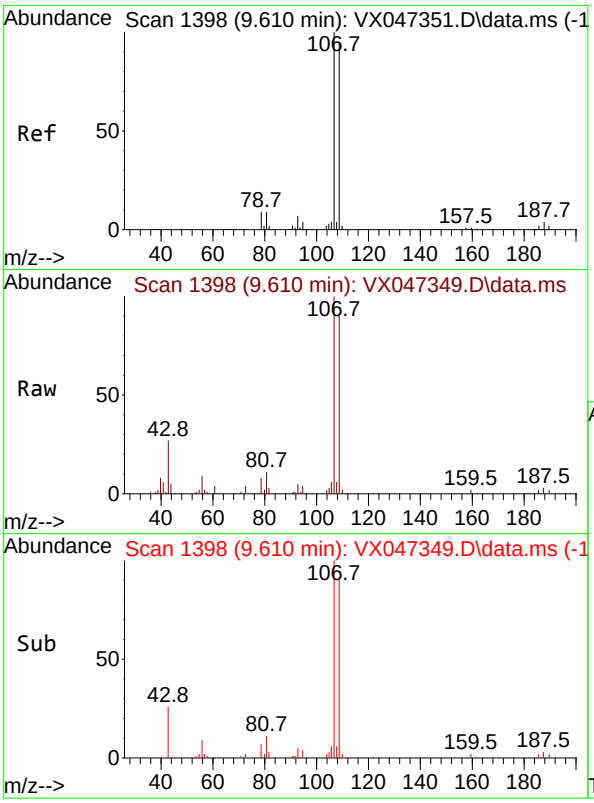


#60
Dibromochloromethane
Concen: 4.820 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion:129 Resp: 19760

Ion	Ratio	Lower	Upper
129	100		
127	75.1	38.9	116.6



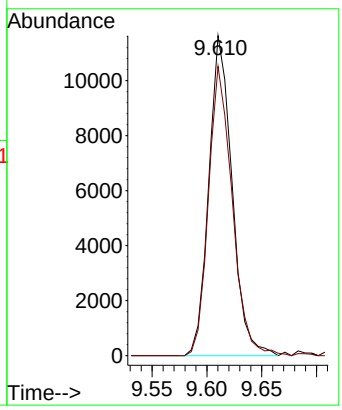


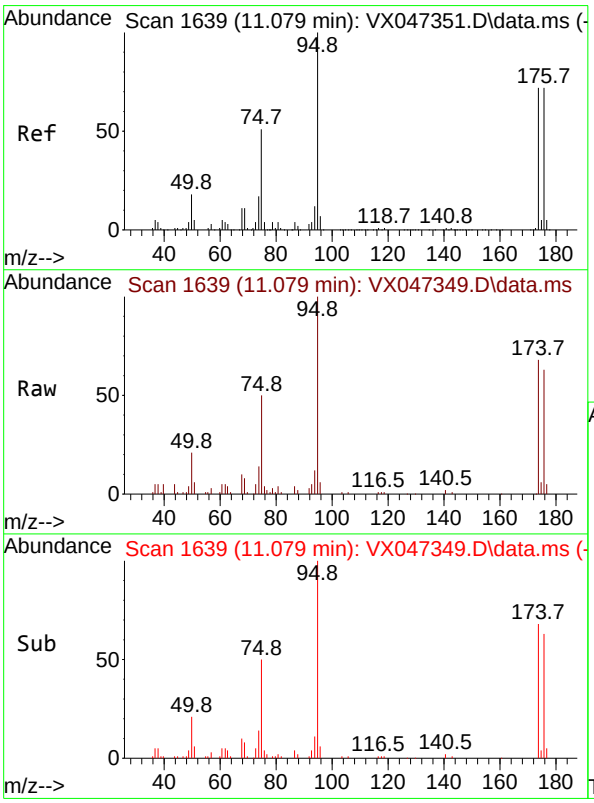
#61
1,2-Dibromoethane
Concen: 4.823 ug/l
RT: 9.610 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:107 Resp: 17154

Ion	Ratio	Lower	Upper
107	100		
109	92.2	76.2	114.2

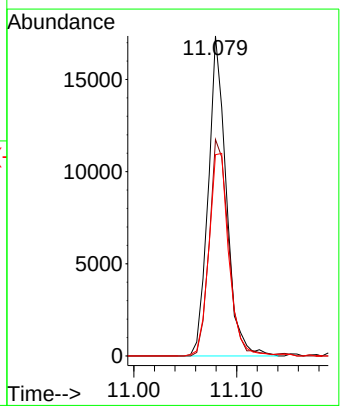


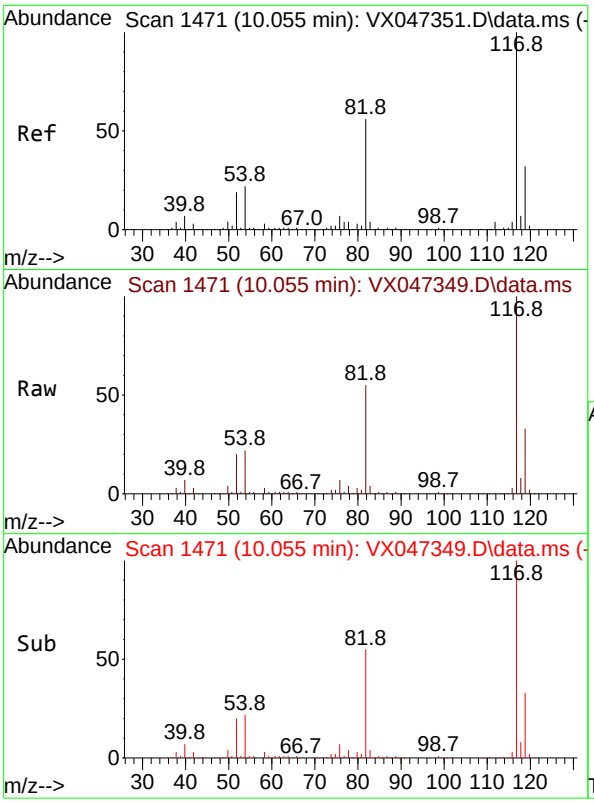


#62
4-Bromofluorobenzene
Concen: 5.150 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 95 Resp: 21138

Ion	Ratio	Lower	Upper
95	100		
174	72.1	0.0	148.0
176	70.5	0.0	145.4



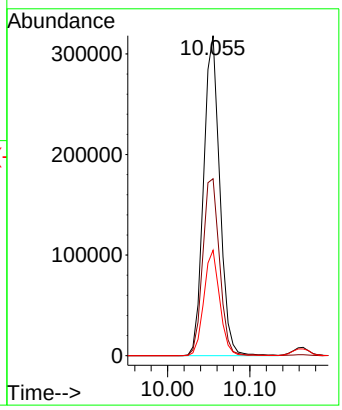


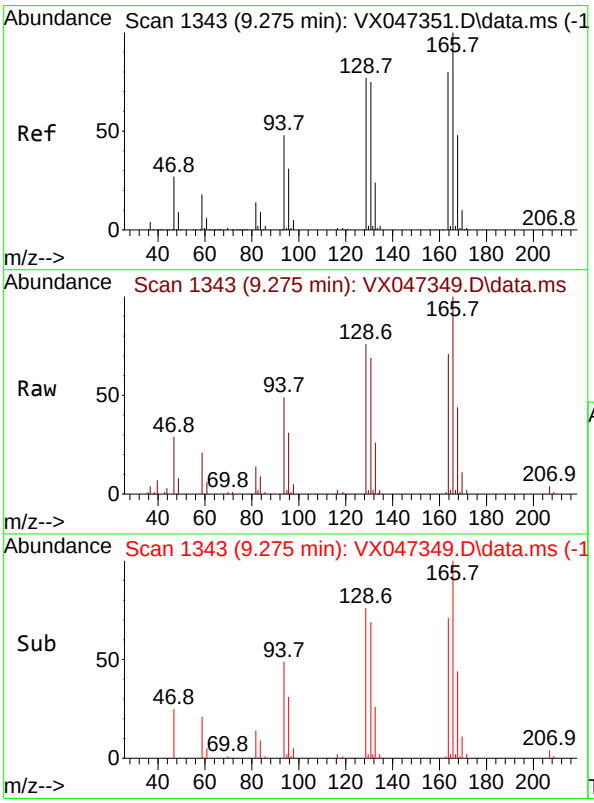
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:117 Resp: 434591

Ion	Ratio	Lower	Upper
117	100		
82	55.3	45.0	67.4
119	33.0	25.8	38.8

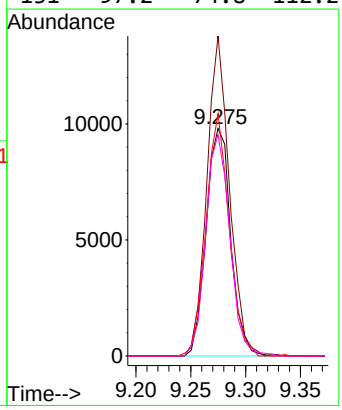


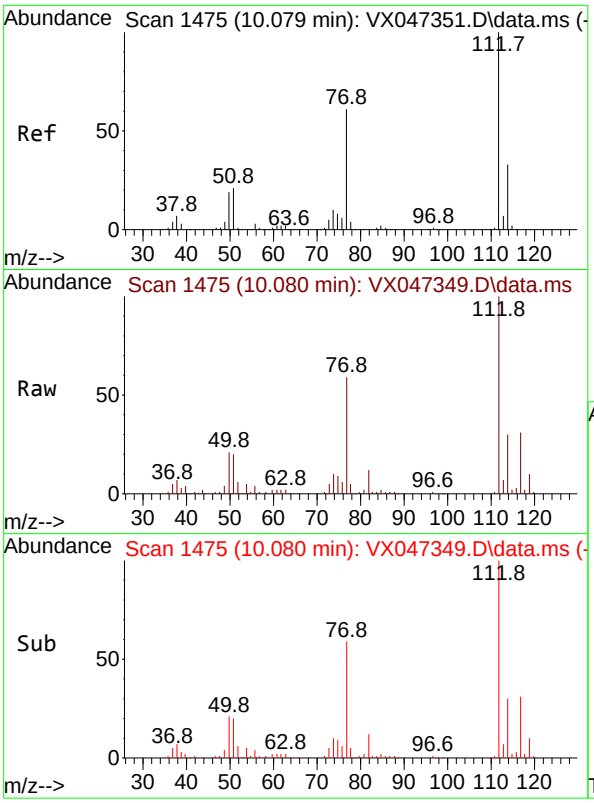


#64
Tetrachloroethene
Concen: 4.856 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion:164 Resp: 15266

Ion	Ratio	Lower	Upper
164	100		
166	140.7	100.3	150.5
129	106.6	77.7	116.5
131	97.2	74.8	112.2



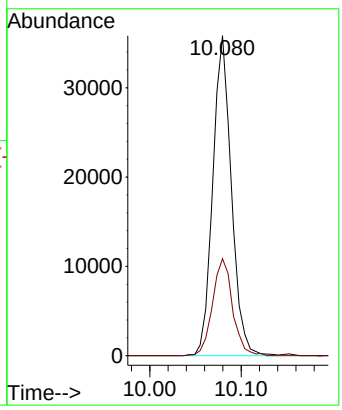


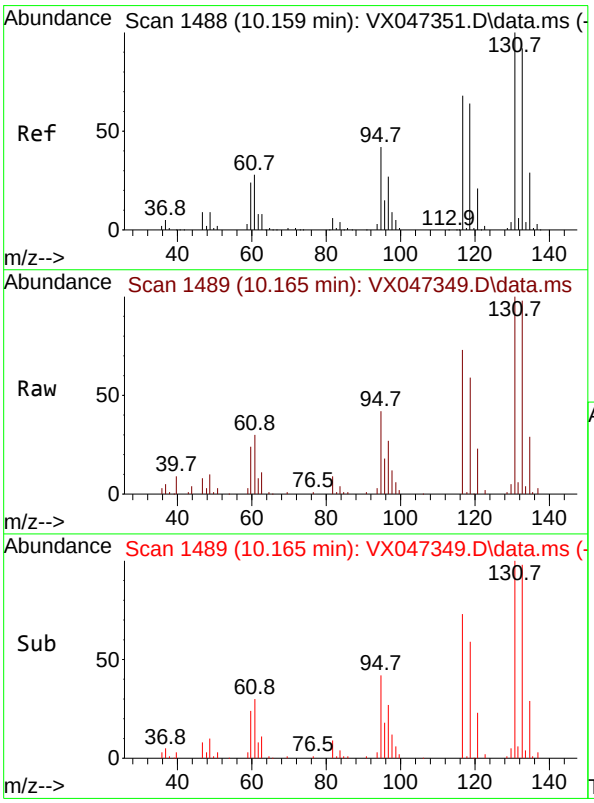
#65
Chlorobenzene
Concen: 4.896 ug/l
RT: 10.080 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:112 Resp: 50559

Ion	Ratio	Lower	Upper
112	100		
114	30.3	26.4	39.6

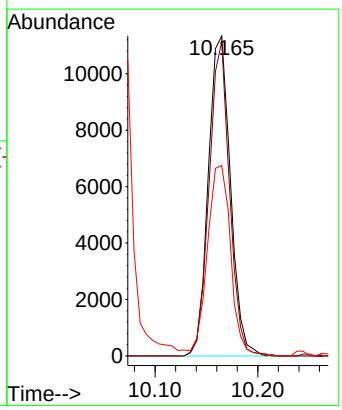


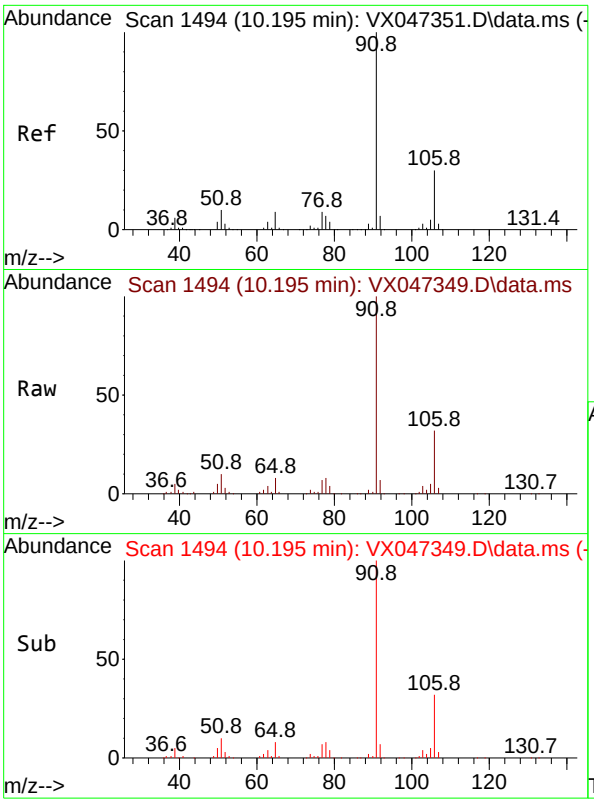


#66
1,1,1,2-Tetrachloroethane
Concen: 4.839 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion:131 Resp: 16894

Ion	Ratio	Lower	Upper
131	100		
133	90.8	47.6	142.9
119	62.5	32.3	96.8



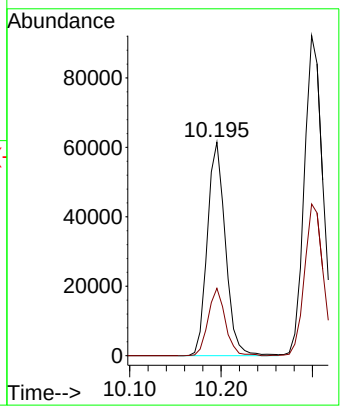


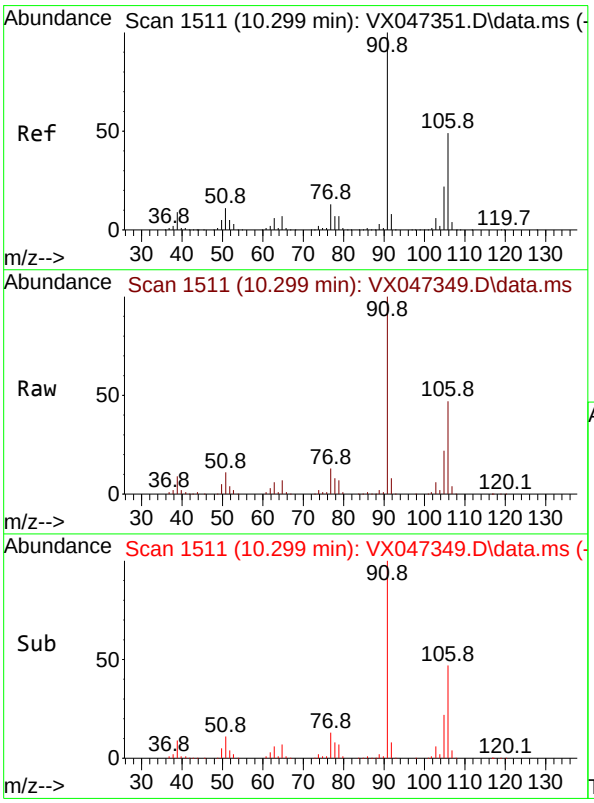
#67
Ethyl Benzene
Concen: 4.746 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 84363

Ion	Ratio	Lower	Upper
91	100		
106	31.6	24.4	36.6

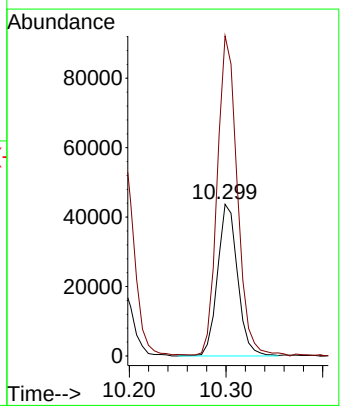


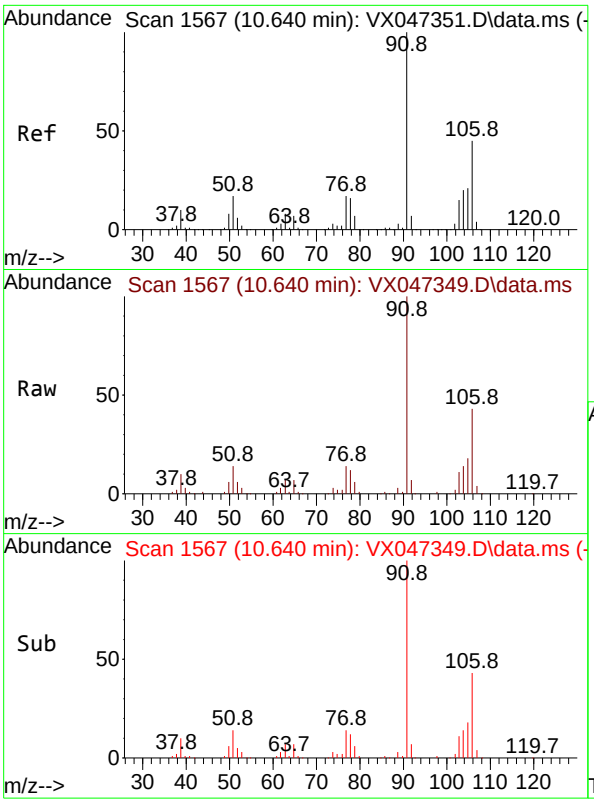


#68
m/p-Xylenes
Concen: 9.462 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion:106 Resp: 62714

Ion	Ratio	Lower	Upper
106	100		
91	211.3	164.7	247.1



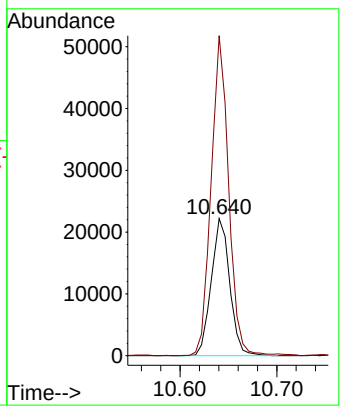


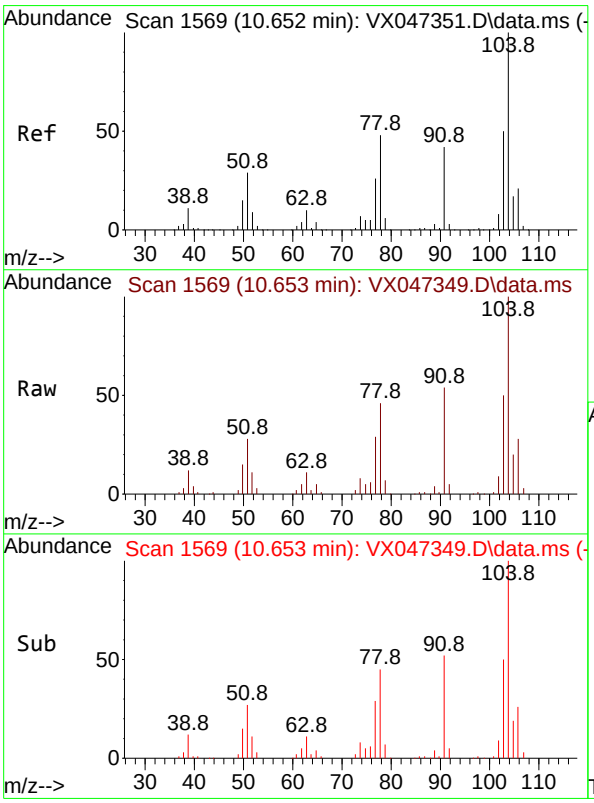
#69
o-Xylene
Concen: 4.623 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:106 Resp: 29488

Ion	Ratio	Lower	Upper
106	100		
91	221.8	110.6	331.8

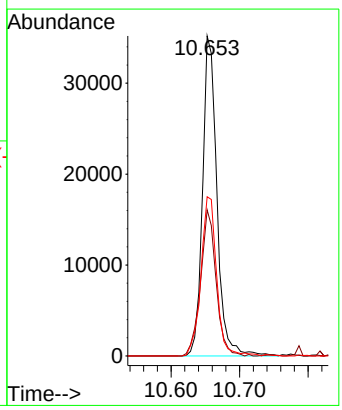


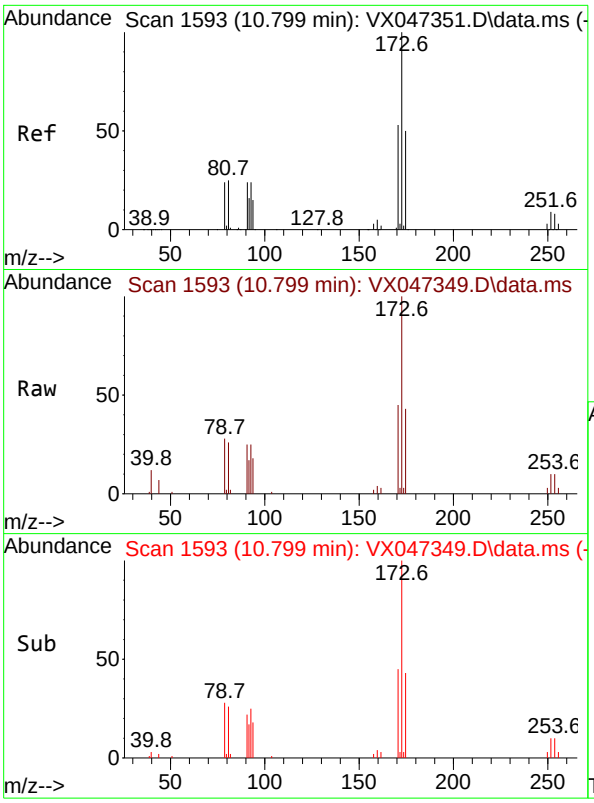


#70
Styrene
Concen: 4.783 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion:104 Resp: 51543

Ion	Ratio	Lower	Upper
104	100		
78	49.1	41.8	62.8
103	54.2	43.6	65.4



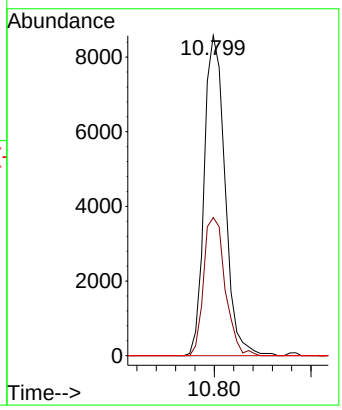


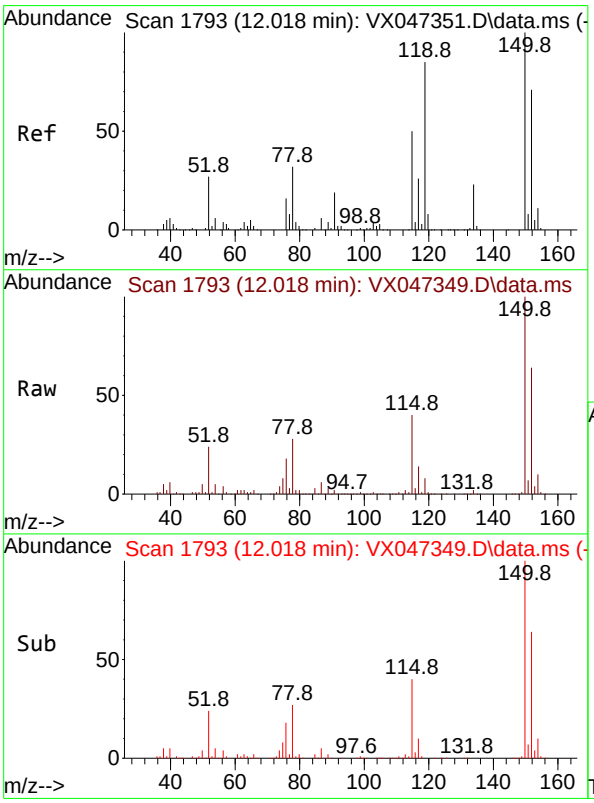
#71
Bromoform
Concen: 4.869 ug/l
RT: 10.799 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:173 Resp: 12769

Ion	Ratio	Lower	Upper
173	100		
175	44.7	24.4	73.4
254	0.0	0.1	0.1#

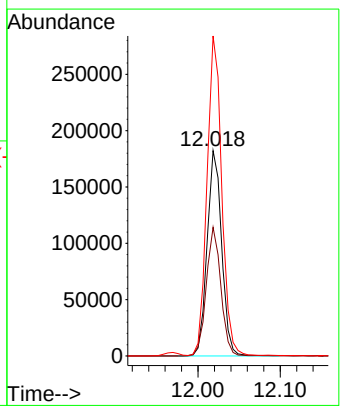


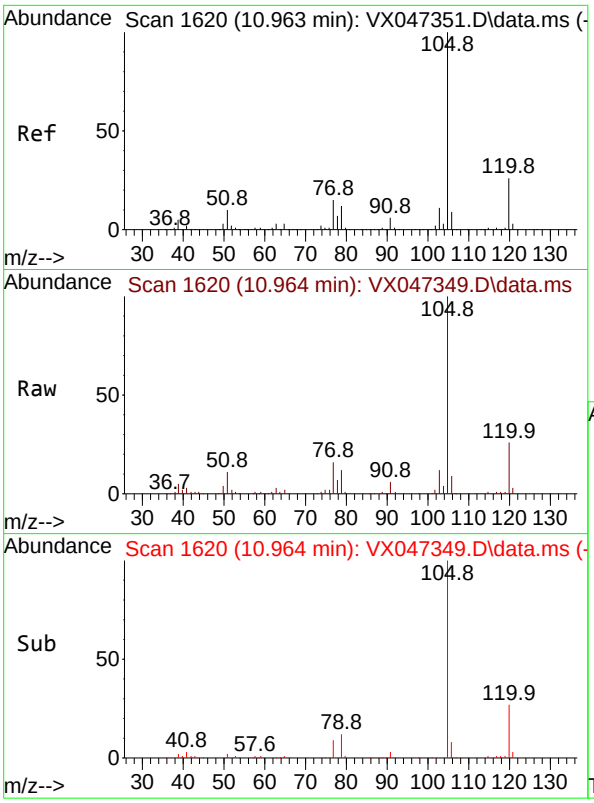


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion:152 Resp: 224159

Ion	Ratio	Lower	Upper
152	100		
115	63.0	44.6	133.8
150	156.6	0.0	349.8



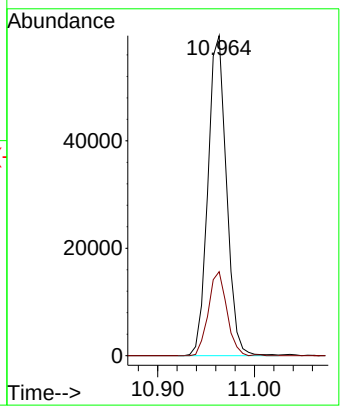


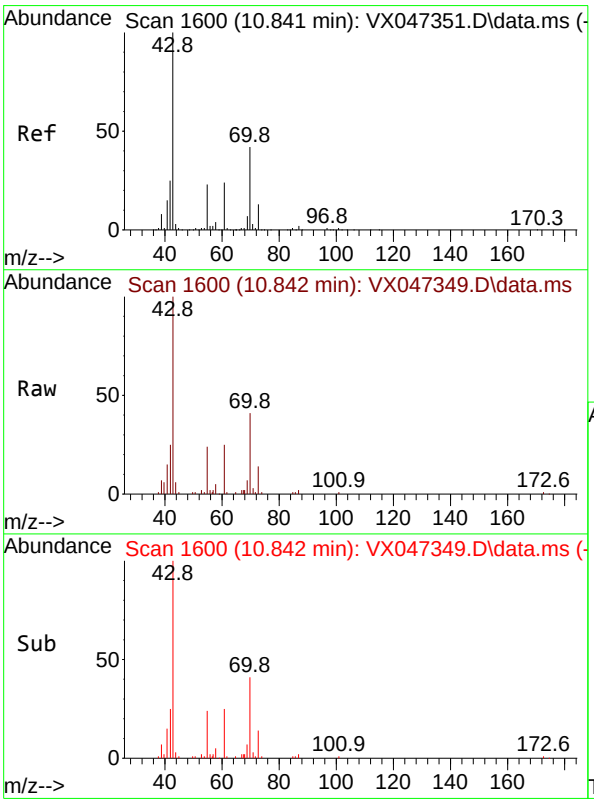
#73
Isopropylbenzene
Concen: 4.533 ug/l
RT: 10.964 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:105 Resp: 79512

Ion	Ratio	Lower	Upper
105	100		
120	26.3	12.9	38.6

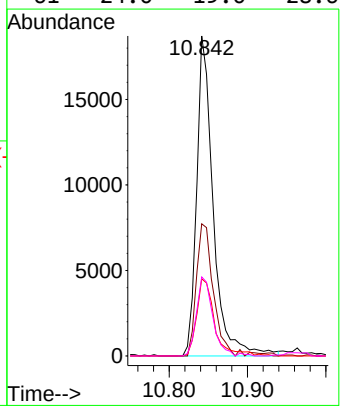


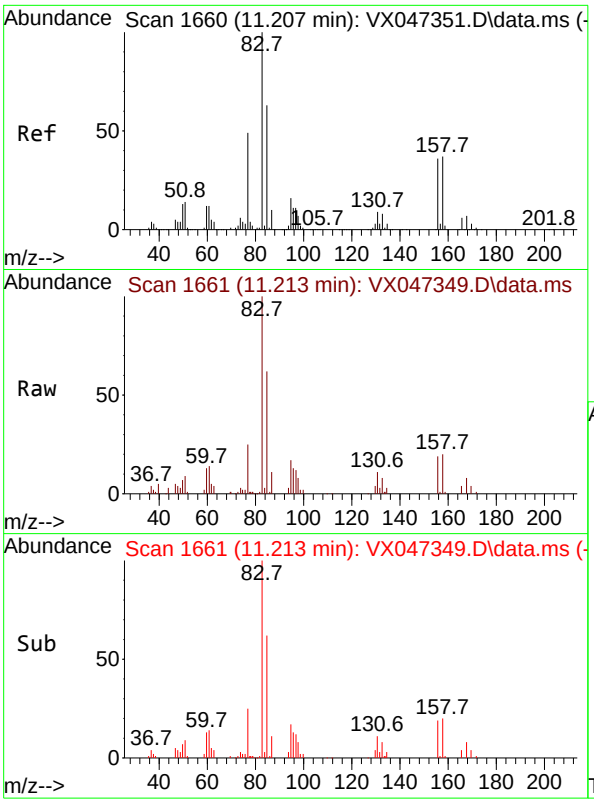


#74
N-amyl acetate
Concen: 4.138 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 43 Resp: 27565

Ion	Ratio	Lower	Upper
43	100		
70	41.5	33.1	49.7
55	26.0	19.0	28.6
61	24.0	19.0	28.6



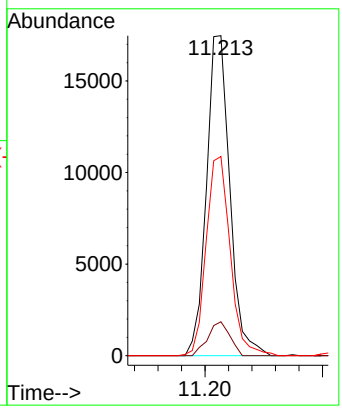


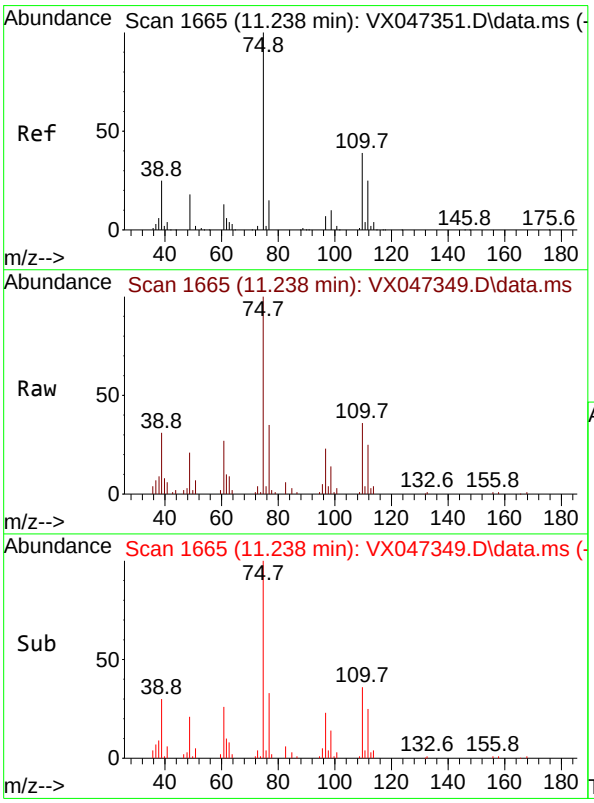
#75
1,1,2,2-Tetrachloroethane
Concen: 4.687 ug/l
RT: 11.213 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 24139

Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.0	15.0
85	64.0	31.7	95.1

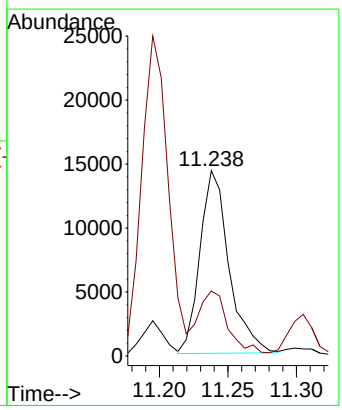


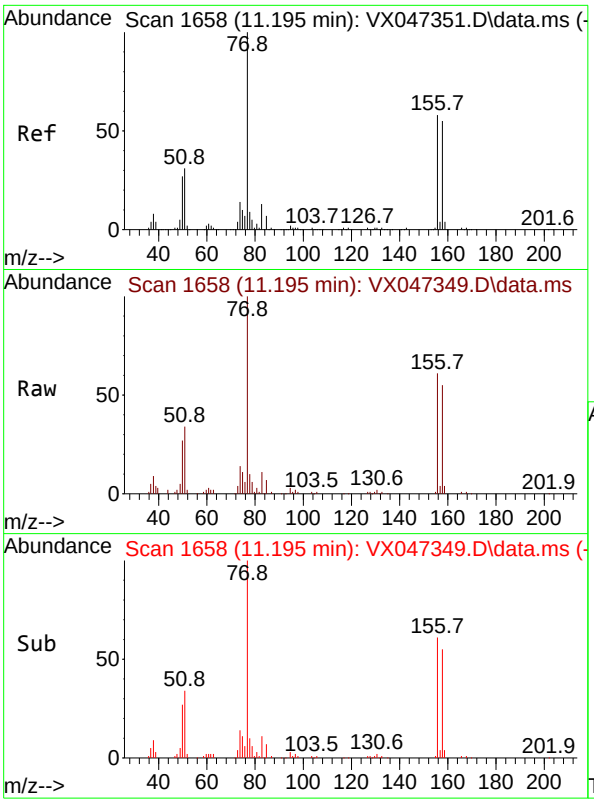


#76
1,2,3-Trichloropropane
Concen: 5.130 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 75 Resp: 21090

Ion	Ratio	Lower	Upper
75	100		
77	38.0	19.4	58.2



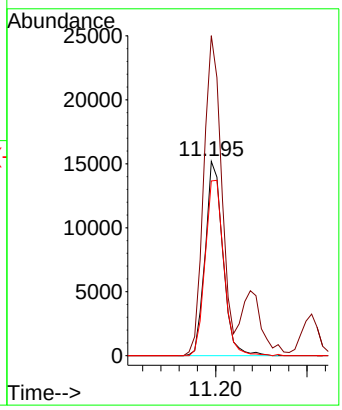


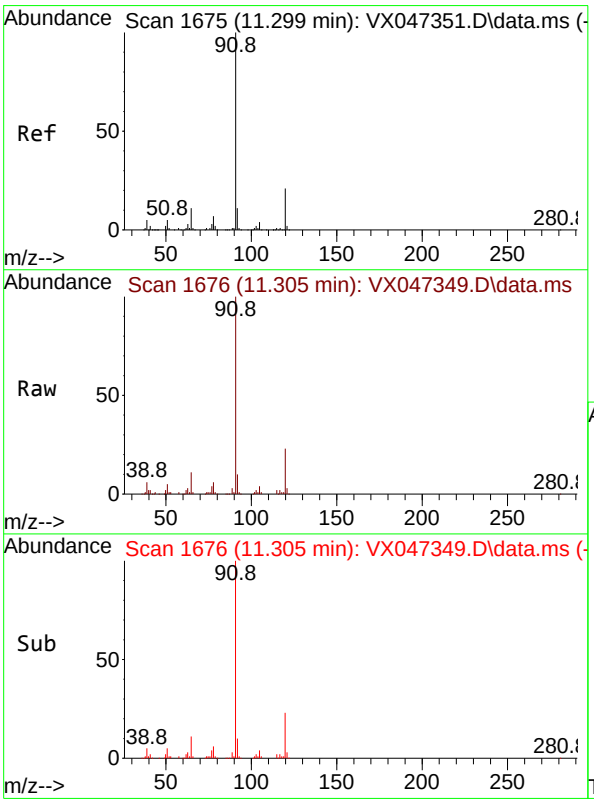
#77
Bromobenzene
Concen: 4.758 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:156 Resp: 20380

Ion	Ratio	Lower	Upper
156	100		
77	165.6	86.3	258.9
158	94.8	48.0	144.2

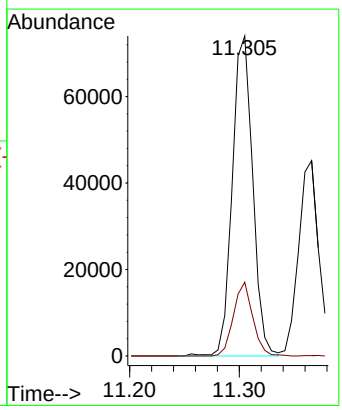


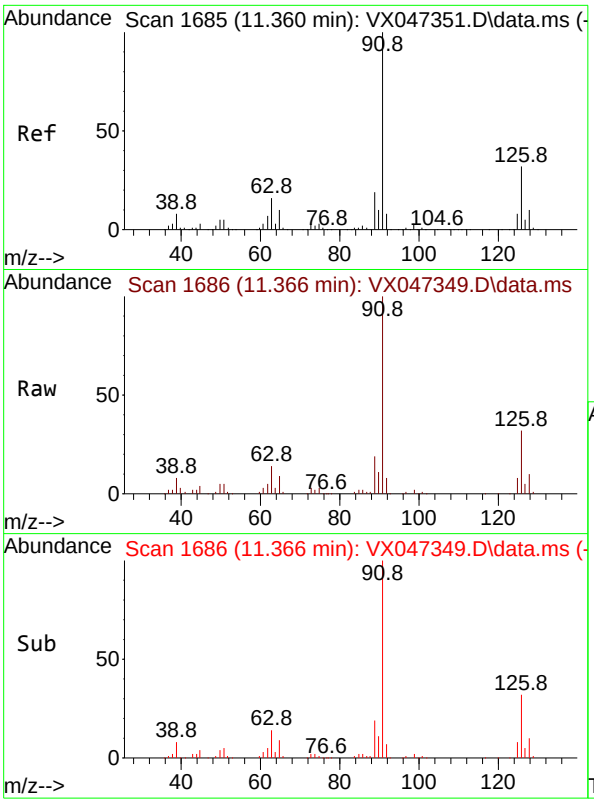


#78
n-propylbenzene
Concen: 4.561 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 91 Resp: 95550

Ion	Ratio	Lower	Upper
91	100		
120	21.8	11.0	33.0



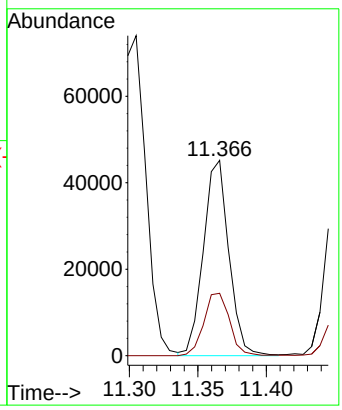


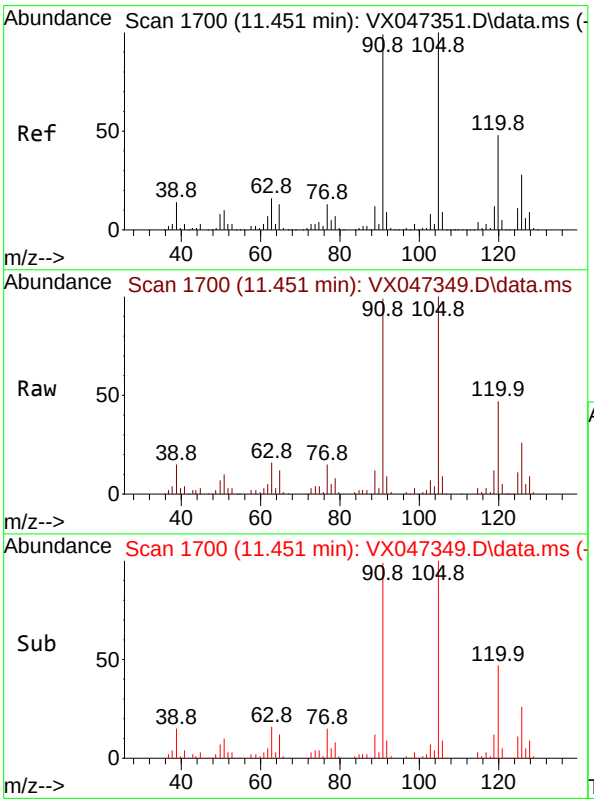
#79
2-Chlorotoluene
Concen: 4.623 ug/l
RT: 11.366 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 58544

Ion	Ratio	Lower	Upper
91	100		
126	32.4	16.7	50.1

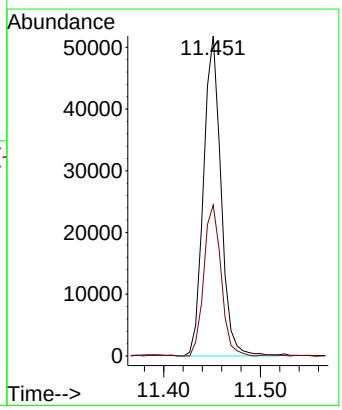


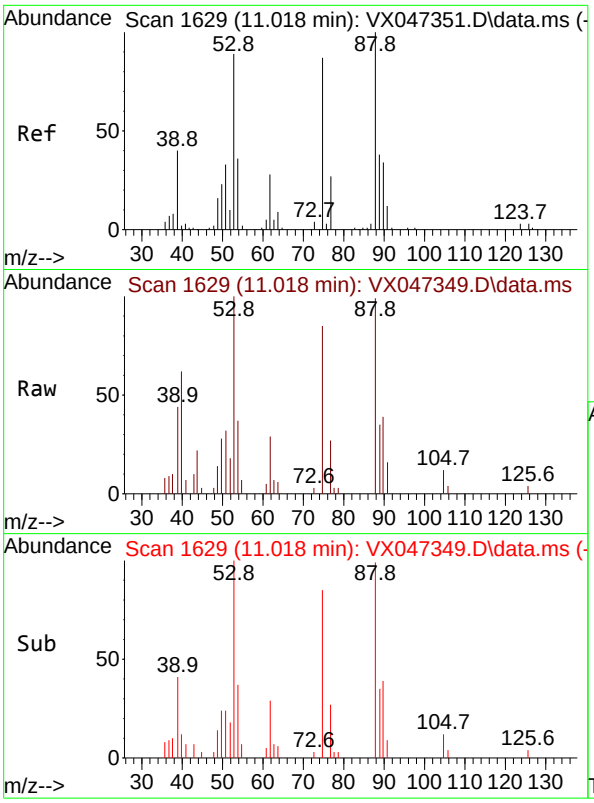


#80
1,3,5-Trimethylbenzene
Concen: 4.518 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion:105 Resp: 65210

Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.9	71.7



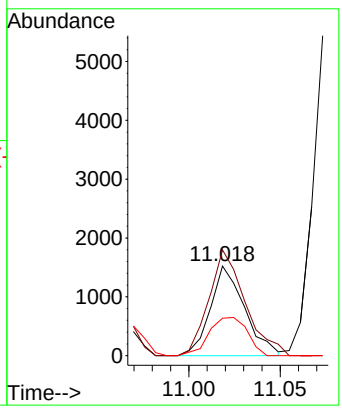


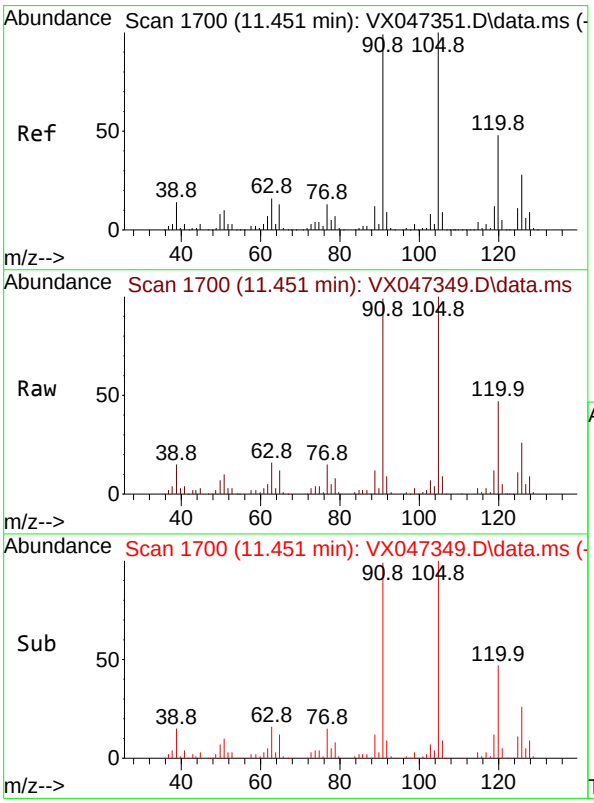
#81
trans-1,4-Dichloro-2-butene
Concen: 9.640 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 75 Resp: 1992

Ion	Ratio	Lower	Upper
75	100		
53	124.7	85.2	127.8
89	47.4	36.7	55.1

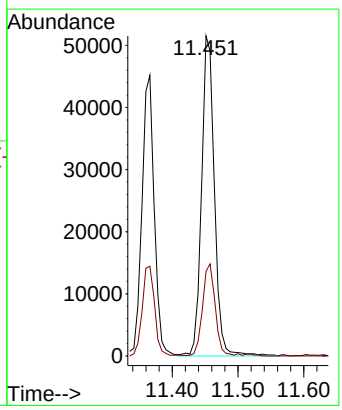


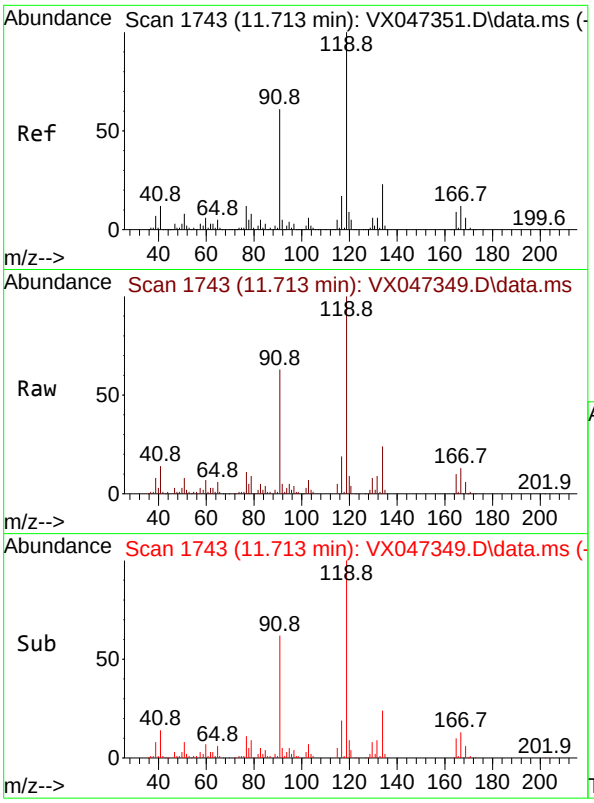


#82
4-Chlorotoluene
Concen: 4.697 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 91 Resp: 70117

Ion	Ratio	Lower	Upper
91	100		
126	27.7	14.4	43.0



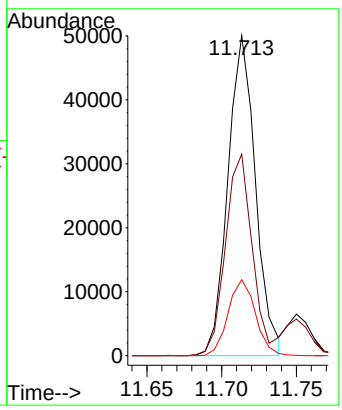


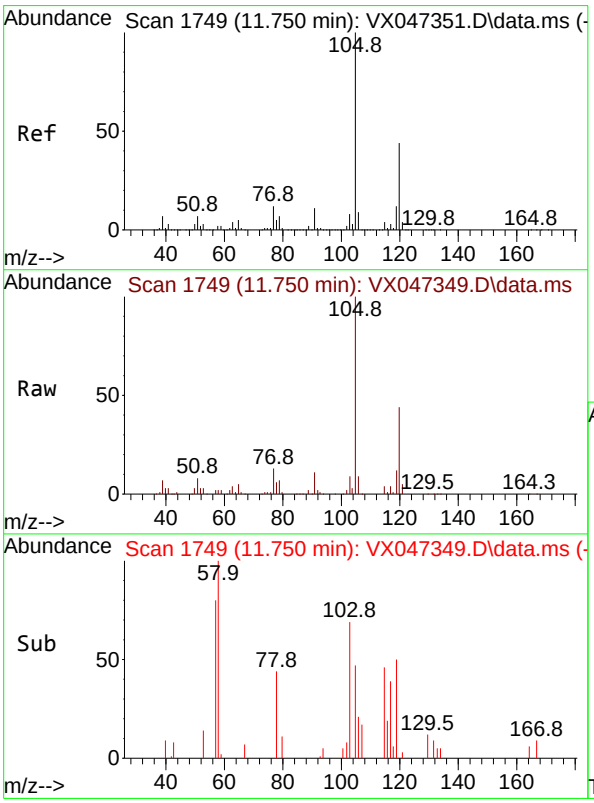
#83
tert-Butylbenzene
Concen: 4.463 ug/l
RT: 11.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:119 Resp: 64267

Ion	Ratio	Lower	Upper
119	100		
91	60.5	29.1	87.4
134	23.6	11.3	33.9

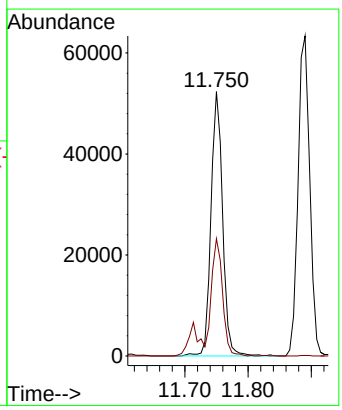


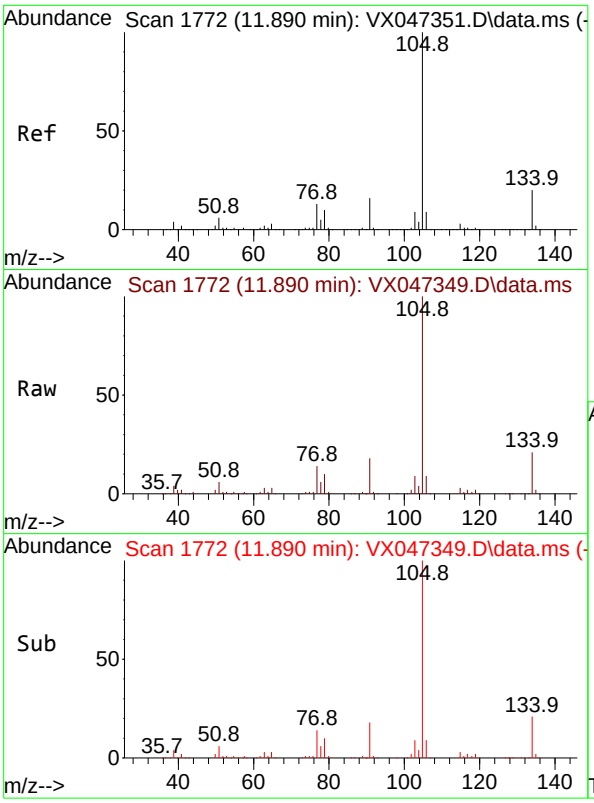


#84
1,2,4-Trimethylbenzene
Concen: 4.644 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion:105 Resp: 67032

Ion	Ratio	Lower	Upper
105	100		
120	42.2	21.9	65.7



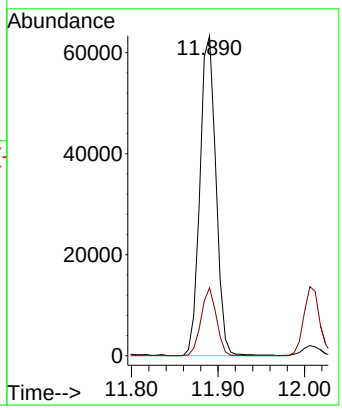


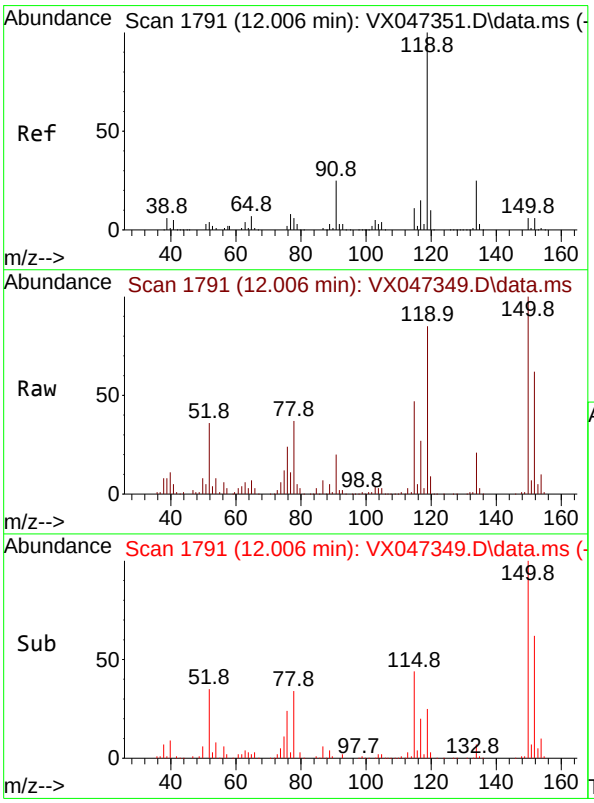
#85
sec-Butylbenzene
Concen: 4.559 ug/l
RT: 11.890 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:105 Resp: 81375

Ion	Ratio	Lower	Upper
105	100		
134	20.3	9.8	29.5

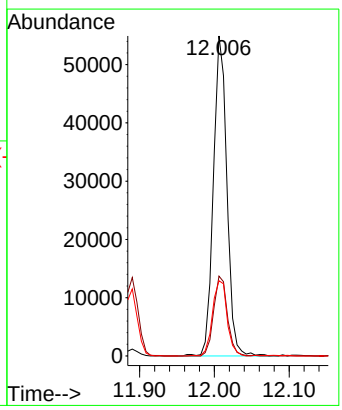


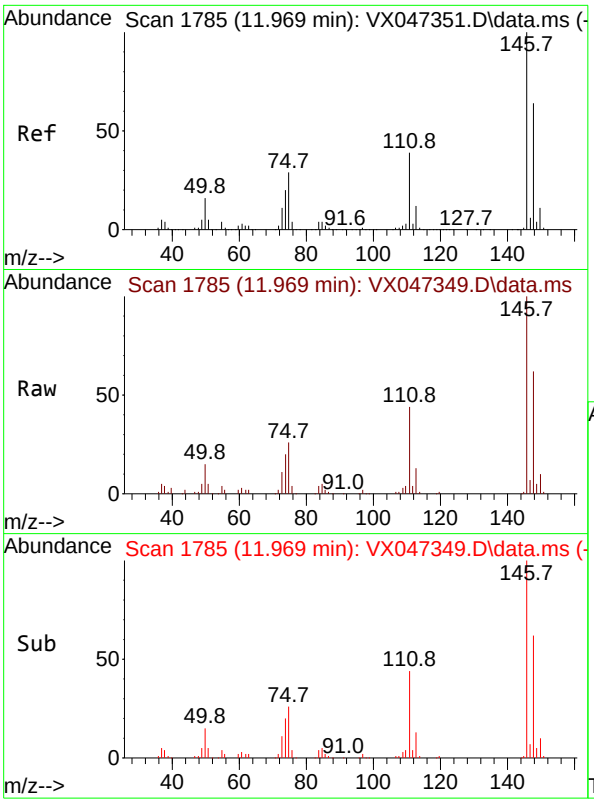


#86
p-Isopropyltoluene
Concen: 4.559 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion:119 Resp: 68849

Ion	Ratio	Lower	Upper
119	100		
134	25.4	12.8	38.4
91	25.4	12.4	37.4



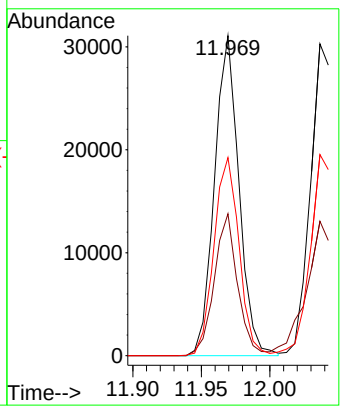


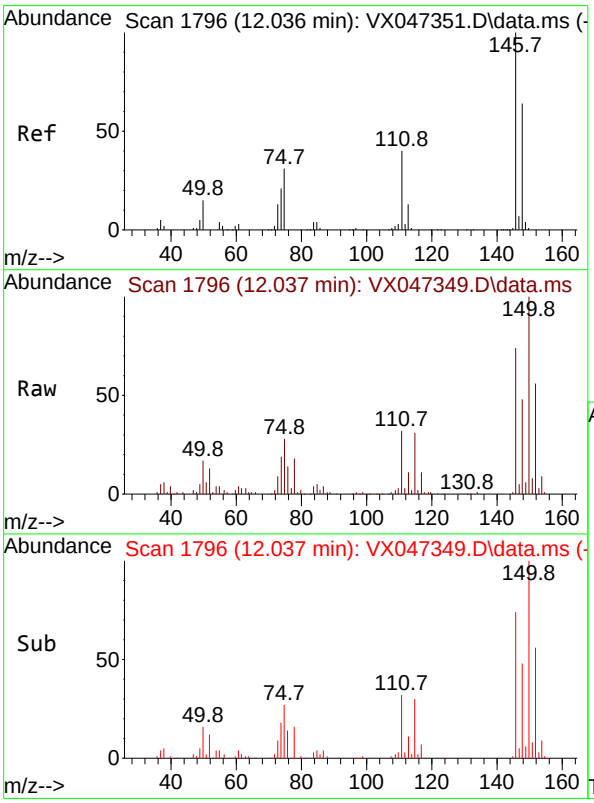
#87
1,3-Dichlorobenzene
Concen: 4.709 ug/l
RT: 11.969 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:146 Resp: 38531

Ion	Ratio	Lower	Upper
146	100		
111	42.5	20.6	61.8
148	63.6	31.9	95.5

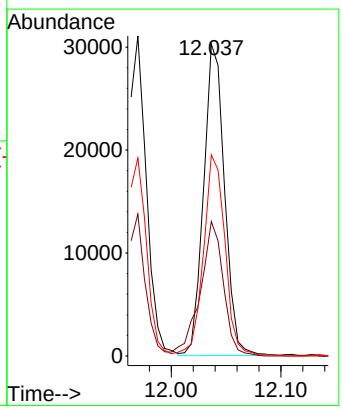


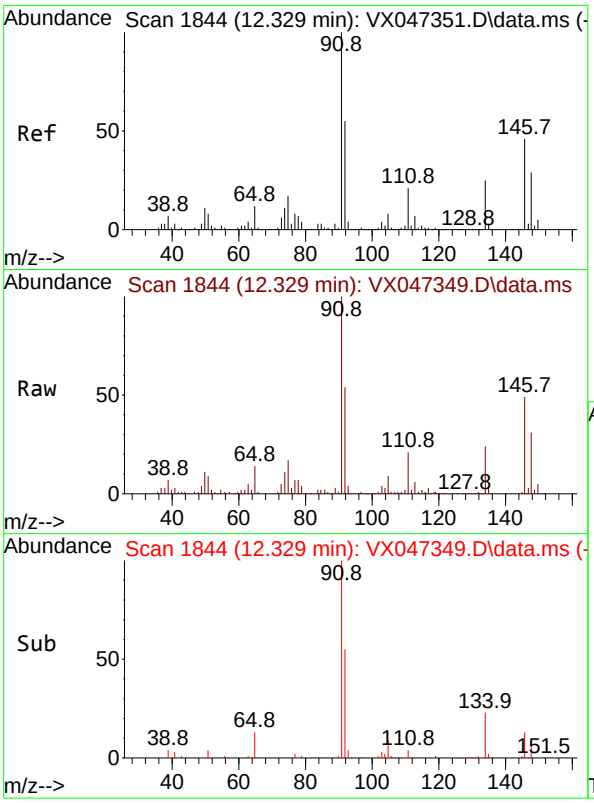


#88
1,4-Dichlorobenzene
Concen: 4.763 ug/l
RT: 12.037 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion:146 Resp: 40089

Ion	Ratio	Lower	Upper
146	100		
111	47.8	20.4	61.2
148	66.7	31.7	95.1



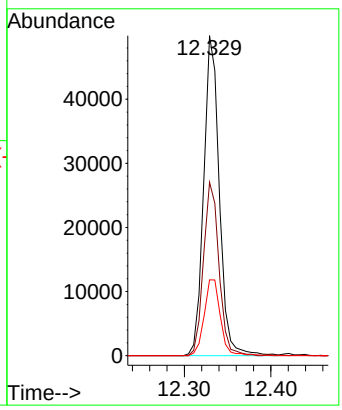


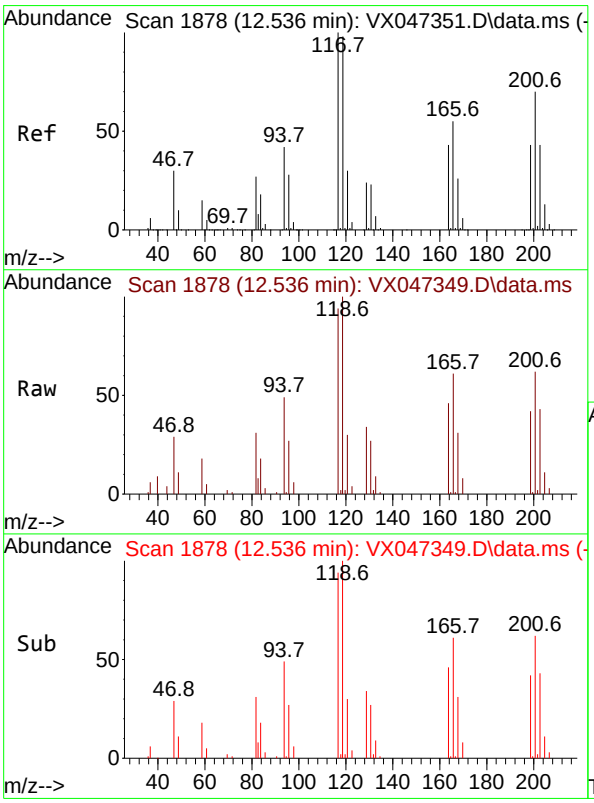
#89
n-Butylbenzene
Concen: 4.461 ug/l
RT: 12.329 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 62666

Ion	Ratio	Lower	Upper
91	100		
92	53.6	27.2	81.5
134	24.6	12.6	37.8

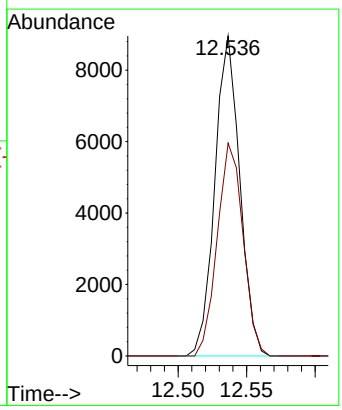


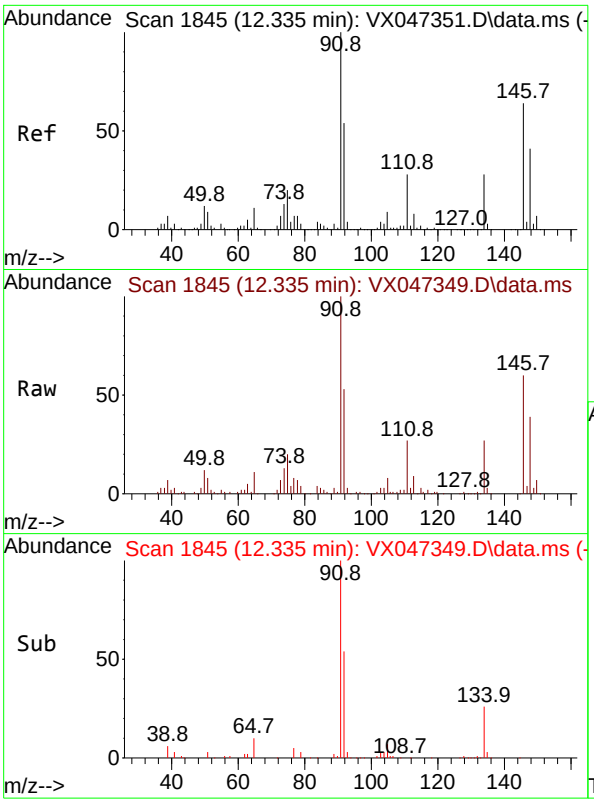


#90
Hexachloroethane
Concen: 4.274 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion:117 Resp: 11325

Ion	Ratio	Lower	Upper
117	100		
201	68.9	35.1	105.3



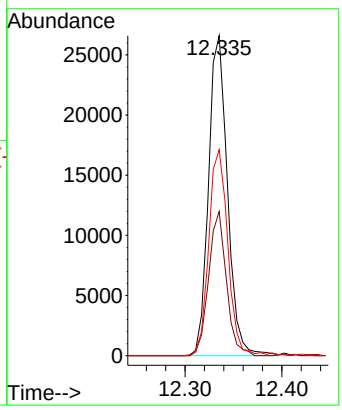


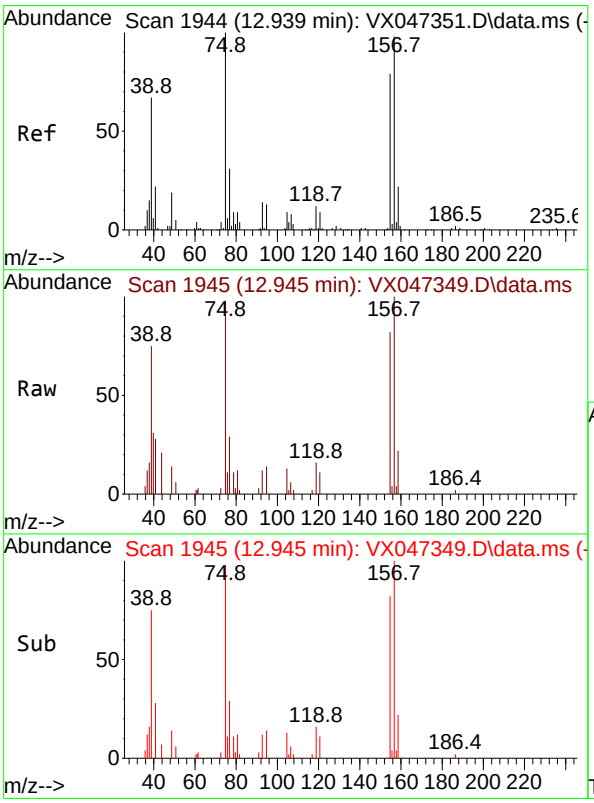
#91
1,2-Dichlorobenzene
Concen: 4.667 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:146 Resp: 36248

Ion	Ratio	Lower	Upper
146	100		
111	42.3	22.1	66.1
148	65.2	31.9	95.5

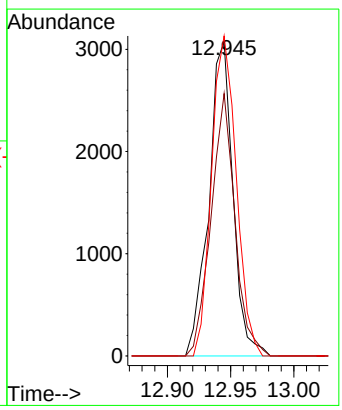


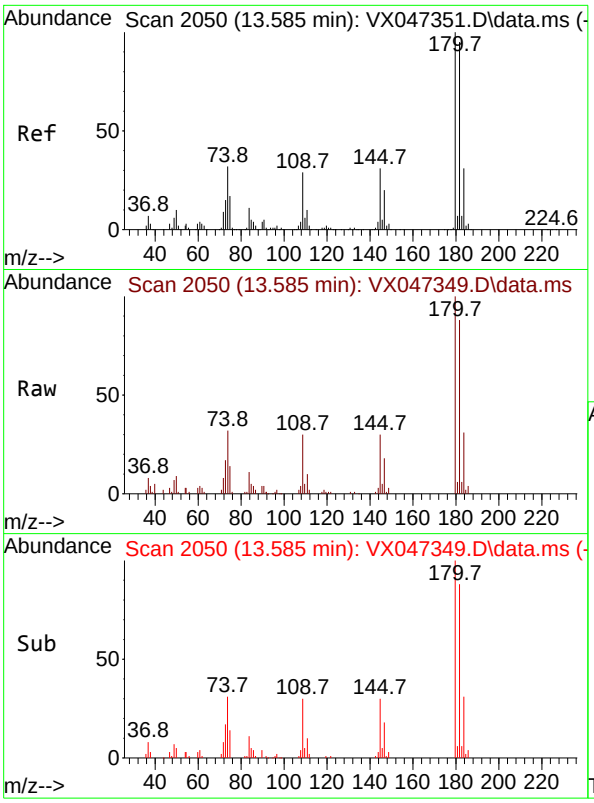


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.097 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 75 Resp: 4081

Ion	Ratio	Lower	Upper
75	100		
155	82.5	41.3	123.7
157	104.4	51.5	154.5



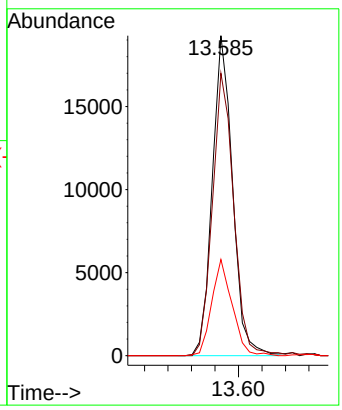


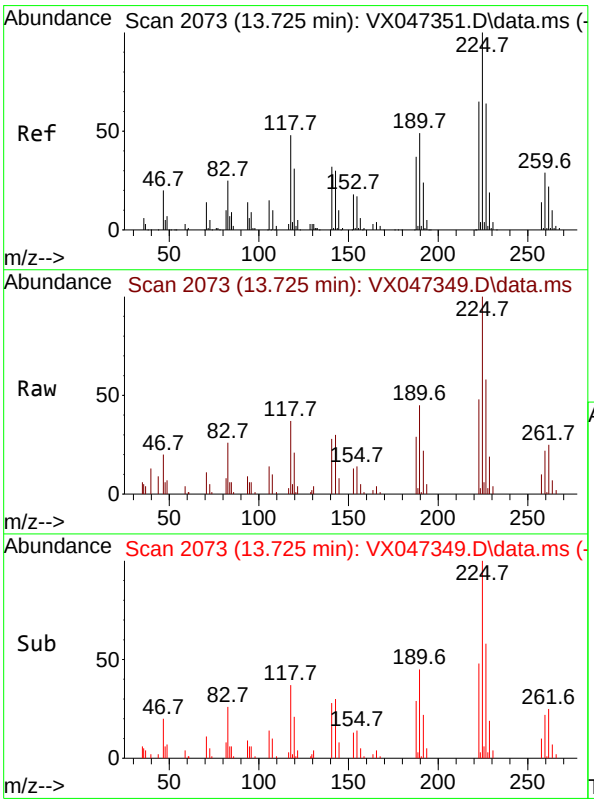
#93
1,2,4-Trichlorobenzene
Concen: 4.432 ug/l
RT: 13.585 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:180 Resp: 23080

Ion	Ratio	Lower	Upper
180	100		
182	92.4	48.1	144.4
145	30.4	16.2	48.5

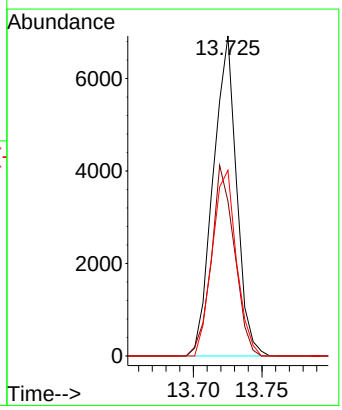


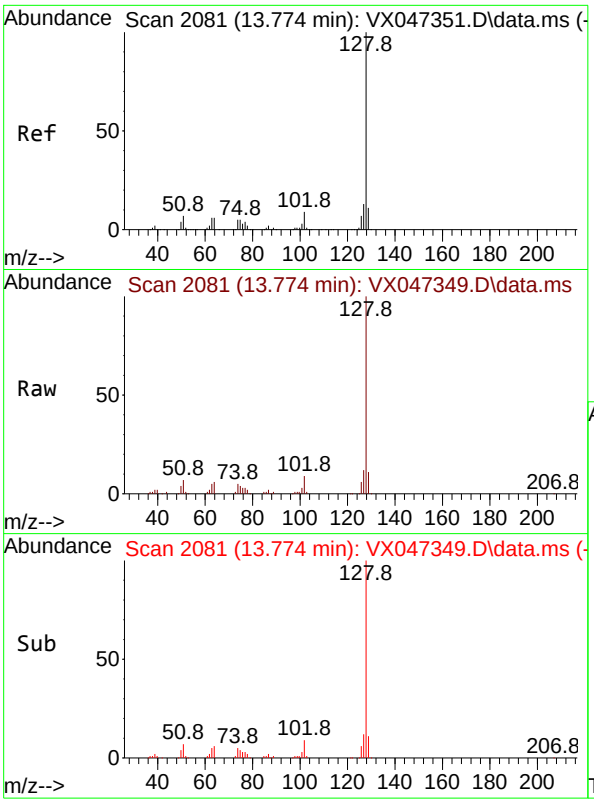


#94
Hexachlorobutadiene
Concen: 4.436 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion:225 Resp: 8221

Ion	Ratio	Lower	Upper
225	100		
223	58.6	32.2	96.6
227	60.0	31.6	95.0



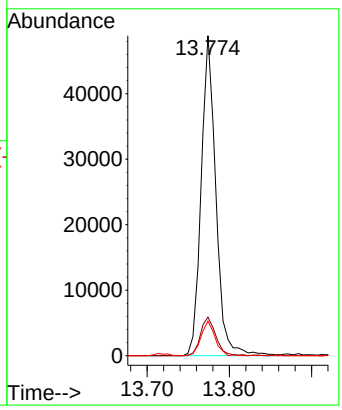


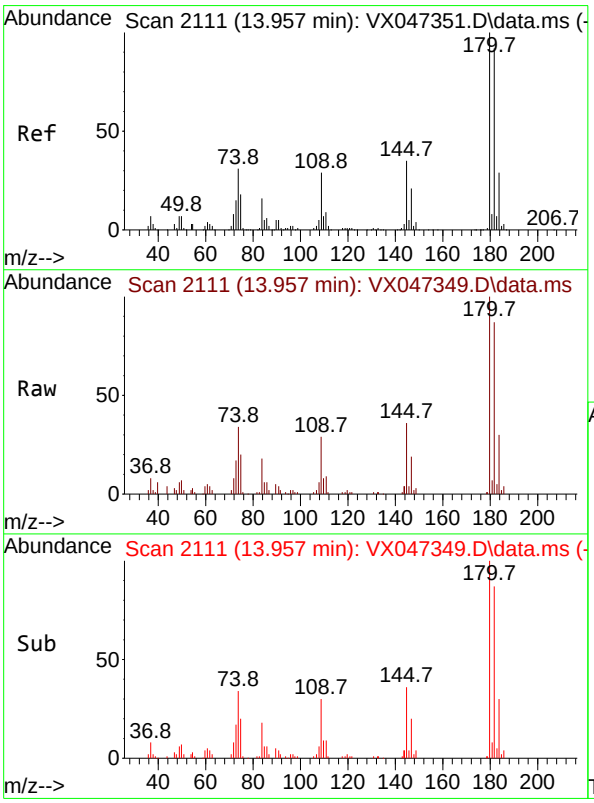
#95
Naphthalene
Concen: 4.076 ug/l
RT: 13.774 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:128 Resp: 60645

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

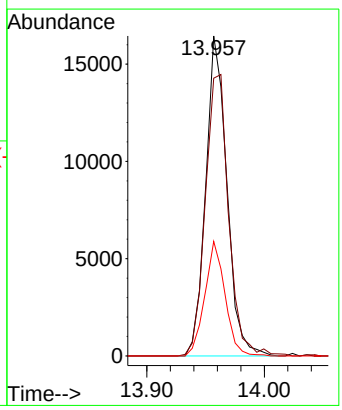




#96
1,2,3-Trichlorobenzene
Concen: 4.199 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion:180 Resp: 20611

Ion	Ratio	Lower	Upper
180	100		
182	97.0	48.0	144.2
145	34.3	17.4	52.2



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047350.D
Acq On : 15 Aug 2025 10:01
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Quant Time: Aug 18 02:53:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 02:51:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	259497	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	434596	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	392362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	196732	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	60290	16.601	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 33.200%#			
35) Dibromofluoromethane	5.397	113	48382	17.153	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 34.300%#			
50) Toluene-d8	8.653	98	172730	17.133	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 34.260%#			
62) 4-Bromofluorobenzene	11.079	95	64433	17.320	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 34.640%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	66192	20.010	ug/l	96
3) Chloromethane	1.313	50	58950	19.810	ug/l	96
4) Vinyl Chloride	1.392	62	77968	20.874	ug/l	99
5) Bromomethane	1.624	94	30761	20.389	ug/l	89
6) Chloroethane	1.703	64	45658	19.979	ug/l	100
7) Trichlorofluoromethane	1.904	101	116366	21.062	ug/l	96
8) Diethyl Ether	2.148	74	40131	20.629	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.349	101	68887	21.495	ug/l	100
10) Methyl Iodide	2.471	142	94708	17.244	ug/l	99
11) Tert butyl alcohol	2.965	59	30471	96.445	ug/l	98
12) 1,1-Dichloroethene	2.337	96	68973	21.110	ug/l	98
13) Acrolein	2.252	56	63232	94.809	ug/l	100
14) Allyl chloride	2.678	41	118613	20.902	ug/l	99
15) Acrylonitrile	3.081	53	163095	106.830	ug/l	99
16) Acetone	2.392	43	161019	117.954	ug/l	95
17) Carbon Disulfide	2.532	76	198834	20.167	ug/l	98
18) Methyl Acetate	2.715	43	68662	19.410	ug/l	99
19) Methyl tert-butyl Ether	3.130	73	209527	21.080	ug/l	98
20) Methylene Chloride	2.806	84	76029	21.033	ug/l	97
21) trans-1,2-Dichloroethene	3.111	96	73205	21.110	ug/l	99
22) Diisopropyl ether	3.776	45	246210	21.949	ug/l	98
23) Vinyl Acetate	3.733	43	996178	108.348	ug/l	97
24) 1,1-Dichloroethane	3.629	63	134271	21.177	ug/l	99
25) 2-Butanone	4.568	43	195973	109.614	ug/l	96
26) 2,2-Dichloropropane	4.489	77	101341	21.177	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	85695	21.217	ug/l	98
28) Bromochloromethane	4.910	49	41717	15.812	ug/l	100
29) Tetrahydrofuran	5.032	42	117869	102.002	ug/l	97
30) Chloroform	5.105	83	137885	21.309	ug/l	96
31) Cyclohexane	5.483	56	124775	21.348	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	119441	21.445	ug/l	98
36) 1,1-Dichloropropene	5.702	75	95703	21.494	ug/l	99
37) Ethyl Acetate	4.727	43	98709	21.355	ug/l	96
38) Carbon Tetrachloride	5.690	117	103616	21.296	ug/l	96
39) Methylcyclohexane	7.385	83	116913	21.051	ug/l	95
40) Benzene	6.050	78	289406	21.716	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047350.D
Acq On : 15 Aug 2025 10:01
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Quant Time: Aug 18 02:53:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 02:51:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.940	41	42490	21.799	ug/l		96
42) 1,2-Dichloroethane	6.098	62	103227	21.867	ug/l		98
43) Isopropyl Acetate	6.348	43	141062	21.243	ug/l		99
44) Trichloroethene	7.135	130	73526	21.546	ug/l		94
45) 1,2-Dichloropropane	7.434	63	72118	21.601	ug/l		100
46) Dibromomethane	7.586	93	52472	21.648	ug/l		99
47) Bromodichloromethane	7.824	83	107990	21.491	ug/l		98
48) Methyl methacrylate	7.696	41	72765	21.111	ug/l		100
49) 1,4-Dioxane	7.684	88	13062	399.049	ug/l	#	87
51) 4-Methyl-2-Pentanone	8.574	43	416671	109.039	ug/l		100
52) Toluene	8.720	92	181368	22.024	ug/l		100
53) t-1,3-Dichloropropene	8.982	75	93302	21.275	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	105701	21.294	ug/l		99
55) 1,1,2-Trichloroethane	9.153	97	68282	21.838	ug/l		98
56) Ethyl methacrylate	9.116	69	97675	21.188	ug/l		99
57) 1,3-Dichloropropane	9.311	76	116737	21.910	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	159793	78.521	ug/l		99
59) 2-Hexanone	9.433	43	293885	111.182	ug/l		100
60) Dibromochloromethane	9.519	129	80119	21.561	ug/l		98
61) 1,2-Dibromoethane	9.610	107	68961	21.388	ug/l		99
64) Tetrachloroethene	9.275	164	60329	21.257	ug/l		93
65) Chlorobenzene	10.079	112	198998	21.342	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	66366	21.056	ug/l		99
67) Ethyl Benzene	10.195	91	347834	21.675	ug/l		99
68) m/p-Xylenes	10.299	106	260945	43.608	ug/l		98
69) o-Xylene	10.640	106	124422	21.606	ug/l		99
70) Styrene	10.653	104	219310	22.540	ug/l		99
71) Bromoform	10.799	173	50519	21.335	ug/l	#	99
73) Isopropylbenzene	10.963	105	329846	21.425	ug/l		99
74) N-amyl acetate	10.842	43	121116	20.717	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.207	83	95098	21.039	ug/l		98
76) 1,2,3-Trichloropropane	11.238	75	88351	24.486	ug/l		91
77) Bromobenzene	11.195	156	80066	21.298	ug/l		99
78) n-propylbenzene	11.305	91	395888	21.531	ug/l		99
79) 2-Chlorotoluene	11.360	91	239133	21.515	ug/l		97
80) 1,3,5-Trimethylbenzene	11.451	105	272501	21.513	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	11057	19.090	ug/l		90
82) 4-Chlorotoluene	11.451	91	278705	21.272	ug/l		99
83) tert-Butylbenzene	11.713	119	271541	21.487	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	277110	21.876	ug/l		100
85) sec-Butylbenzene	11.890	105	340203	21.719	ug/l		99
86) p-Isopropyltoluene	12.006	119	280855	21.189	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	150028	20.890	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	153630	20.798	ug/l		99
89) n-Butylbenzene	12.329	91	260428	21.124	ug/l		99
90) Hexachloroethane	12.536	117	45934	19.754	ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	145629	21.363	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	17698	20.246	ug/l		100
93) 1,2,4-Trichlorobenzene	13.585	180	91878	20.105	ug/l		100
94) Hexachlorobutadiene	13.719	225	30481	18.738	ug/l		98
95) Naphthalene	13.774	128	267664	20.495	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	87275	20.261	ug/l		98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047350.D
Acq On : 15 Aug 2025 10:01
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Quant Time: Aug 18 02:53:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 02:51:35 2025
Response via : Initial Calibration

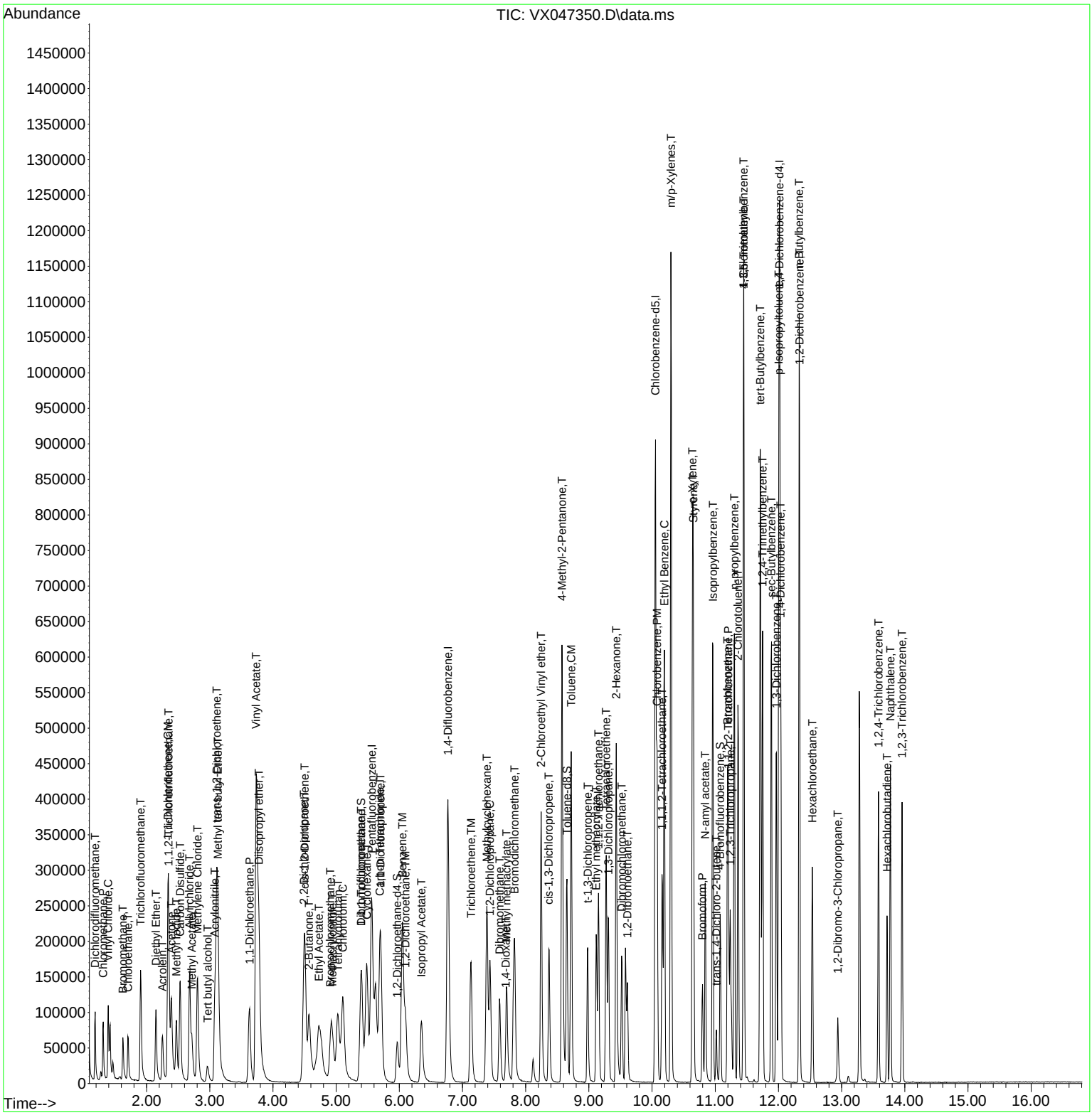
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

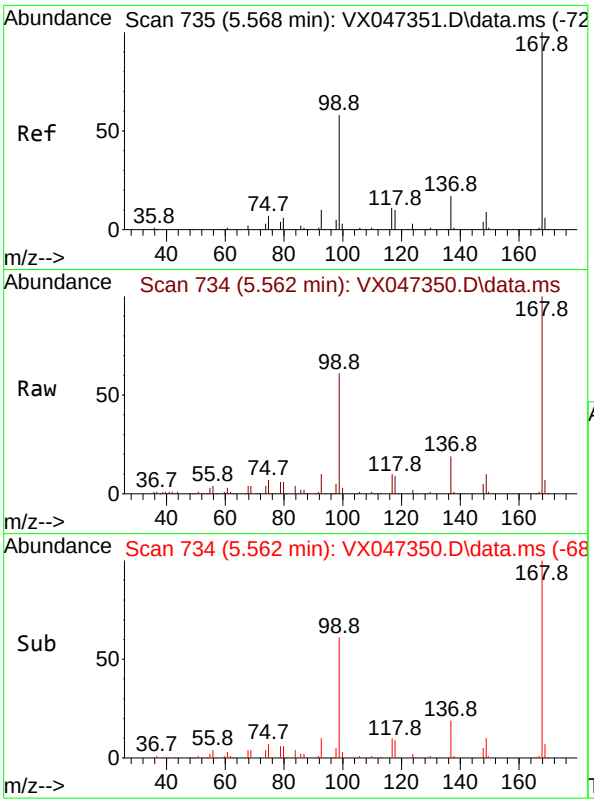
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047350.D
Acq On : 15 Aug 2025 10:01
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Quant Time: Aug 18 02:53:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 02:51:35 2025
Response via : Initial Calibration



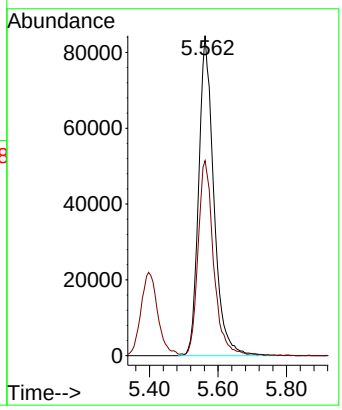


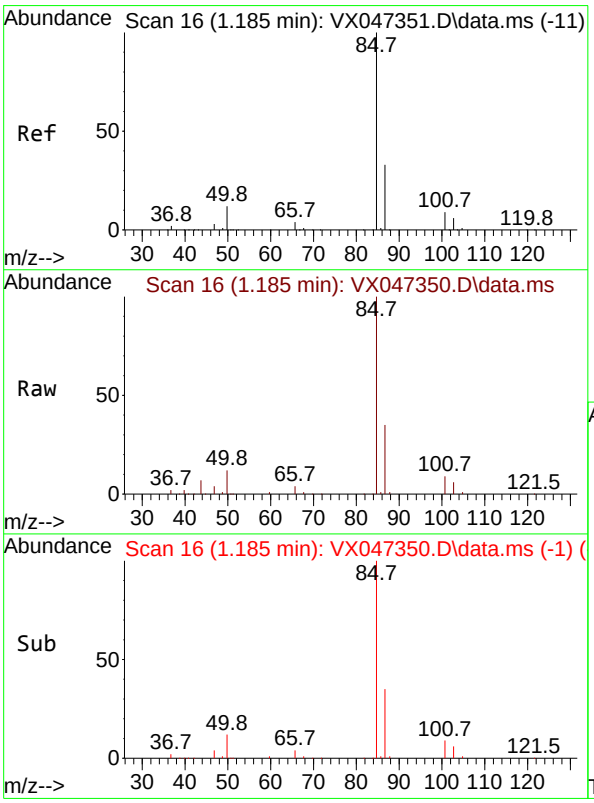
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:168 Resp: 259497

Ion	Ratio	Lower	Upper
168	100		
99	60.9	47.9	71.9

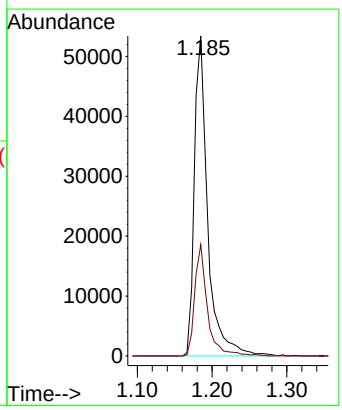


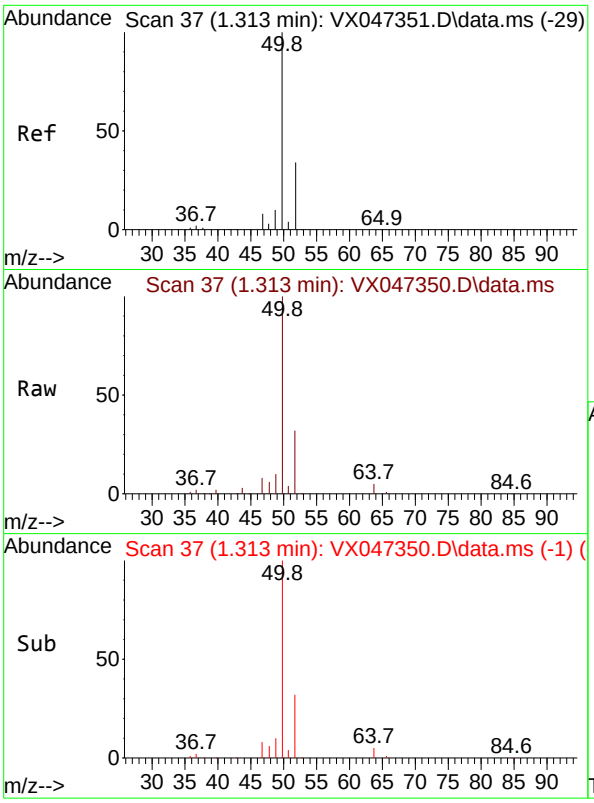


#2
Dichlorodifluoromethane
Concen: 20.010 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 85 Resp: 66192

Ion	Ratio	Lower	Upper
85	100		
87	34.8	16.4	49.1



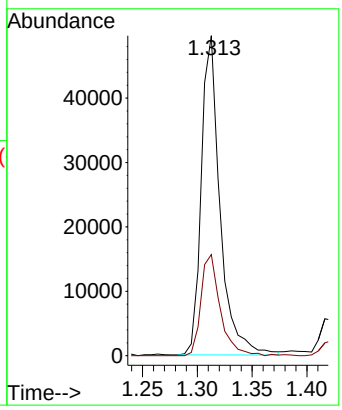


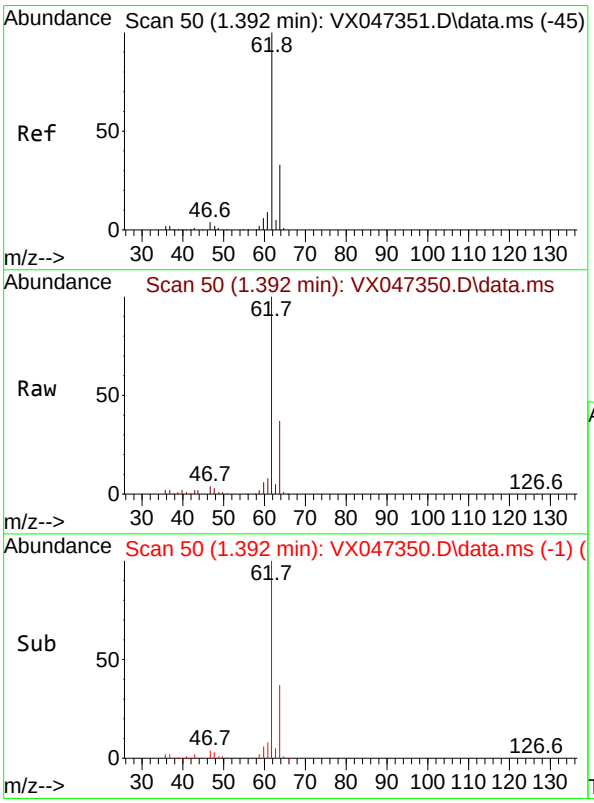
#3
Chloromethane
Concen: 19.810 ug/l
RT: 1.313 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 50 Resp: 58950

Ion	Ratio	Lower	Upper
50	100		
52	31.7	27.0	40.4

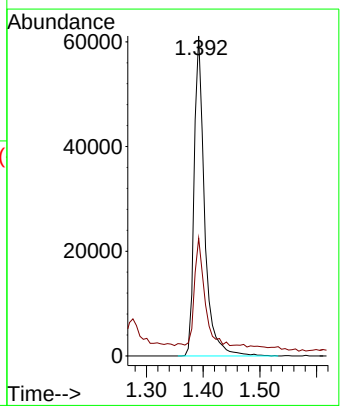


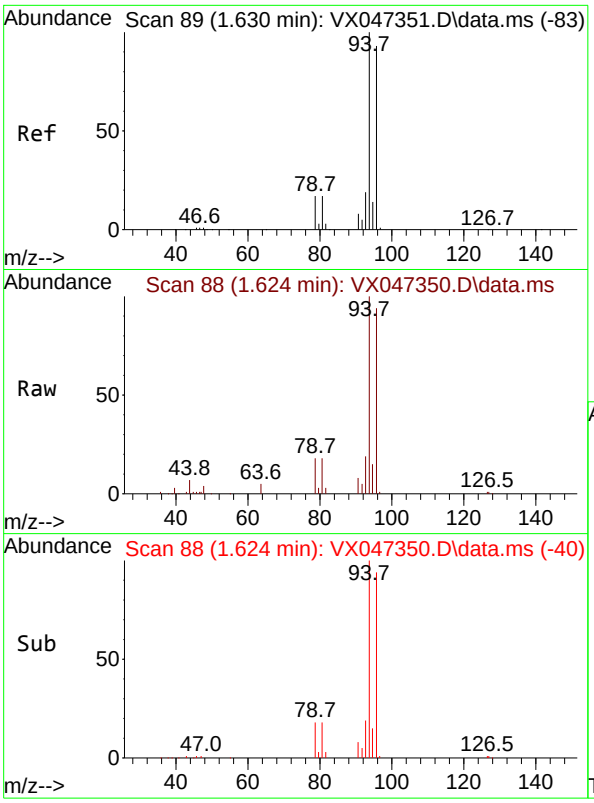


#4
Vinyl Chloride
Concen: 20.874 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 62 Resp: 77968

Ion	Ratio	Lower	Upper
62	100		
64	33.9	26.5	39.7



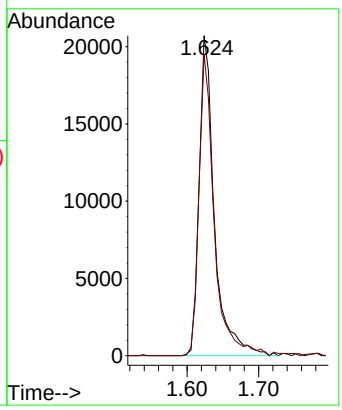


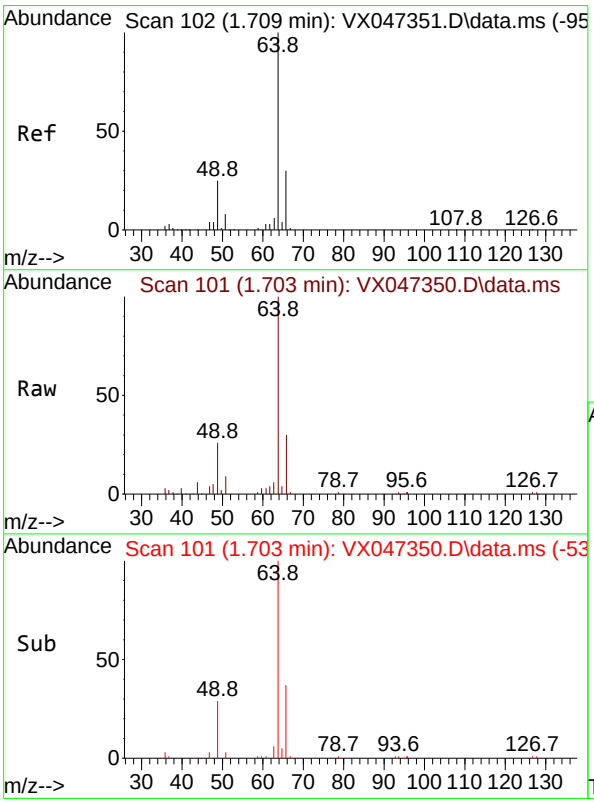
#5
Bromomethane
Concen: 20.389 ug/l
RT: 1.624 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 94 Resp: 30761

Ion	Ratio	Lower	Upper
94	100		
96	83.2	74.7	112.1

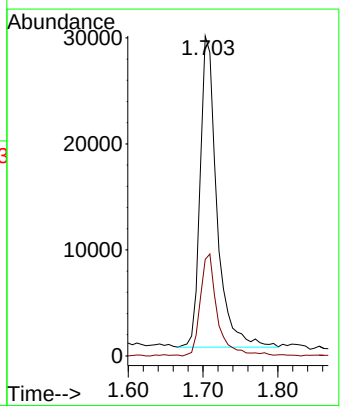


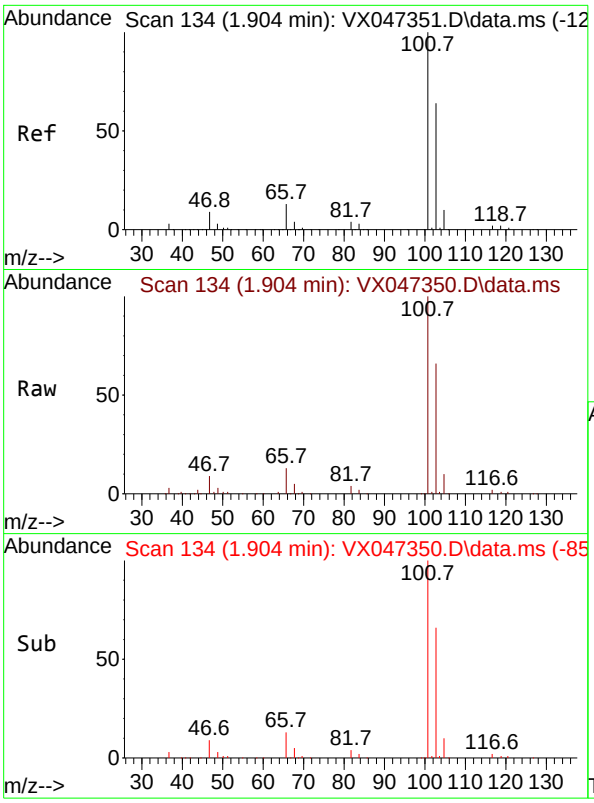


#6
Chloroethane
Concen: 19.979 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.006 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 64 Resp: 45658

Ion	Ratio	Lower	Upper
64	100		
66	30.7	24.4	36.6



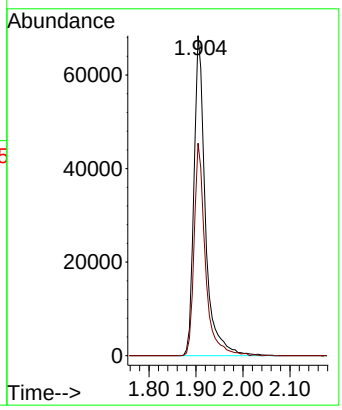


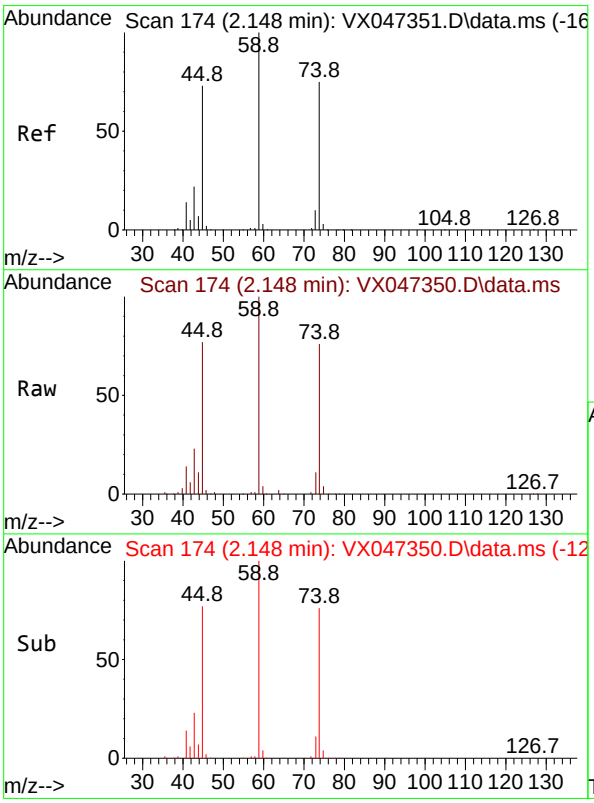
#7
Trichlorofluoromethane
Concen: 21.062 ug/l
RT: 1.904 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 116366

Ion	Ratio	Lower	Upper
101	100		
103	66.4	50.9	76.3

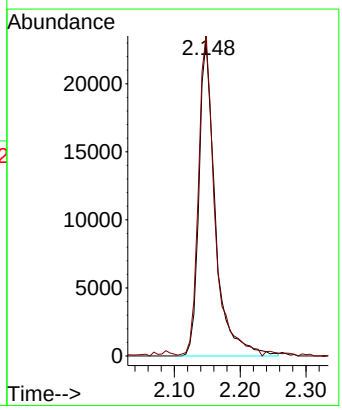


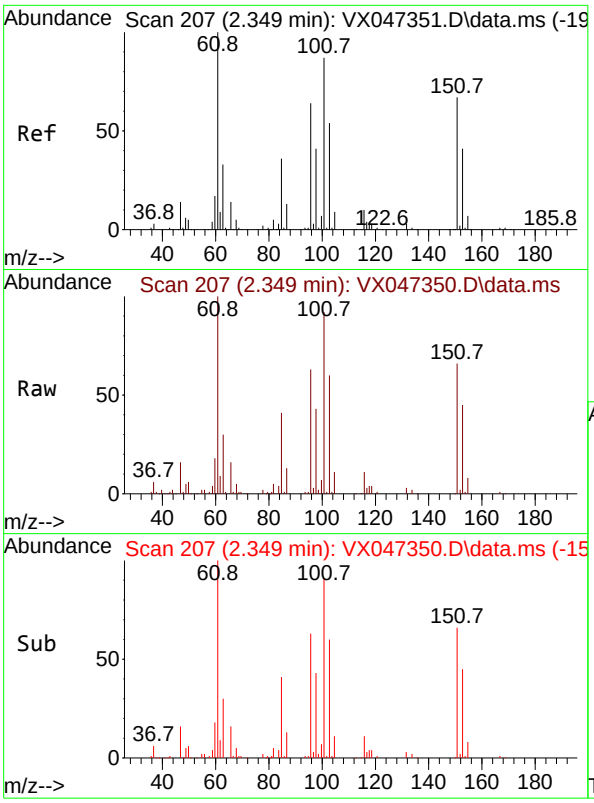


#8
Diethyl Ether
Concen: 20.629 ug/l
RT: 2.148 min Scan# 174
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 74 Resp: 40131

Ion	Ratio	Lower	Upper
74	100		
45	102.2	51.3	154.0



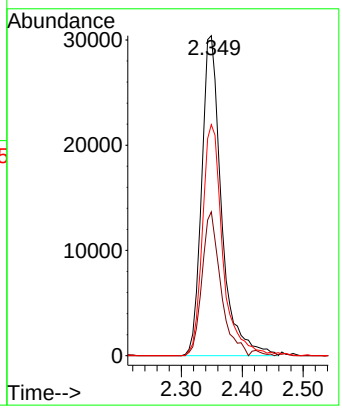


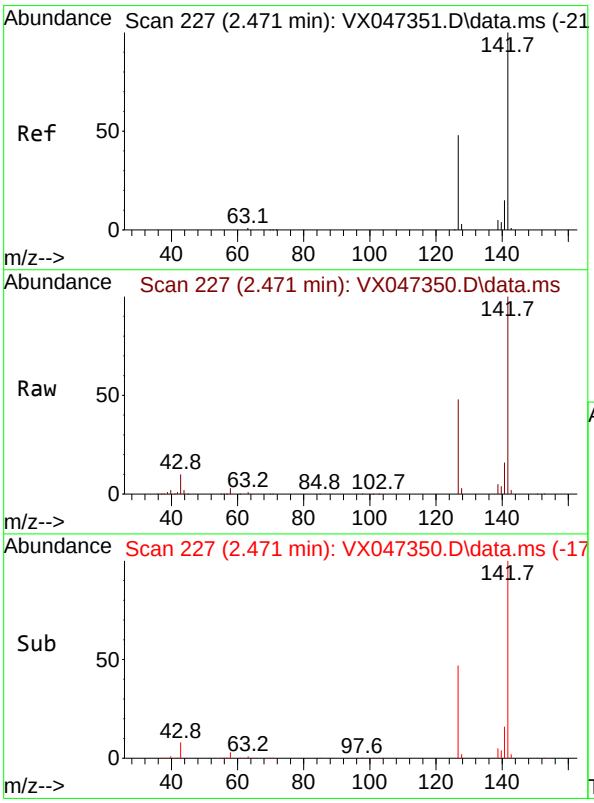
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.495 ug/l
RT: 2.349 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 68887

Ion	Ratio	Lower	Upper
101	100		
85	42.6	34.3	51.5
151	74.0	59.2	88.8

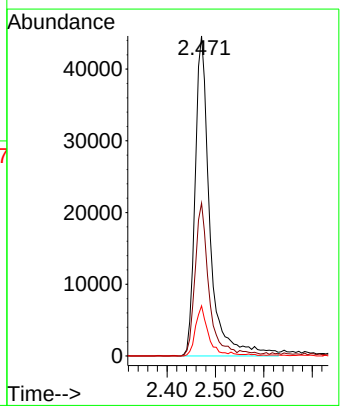


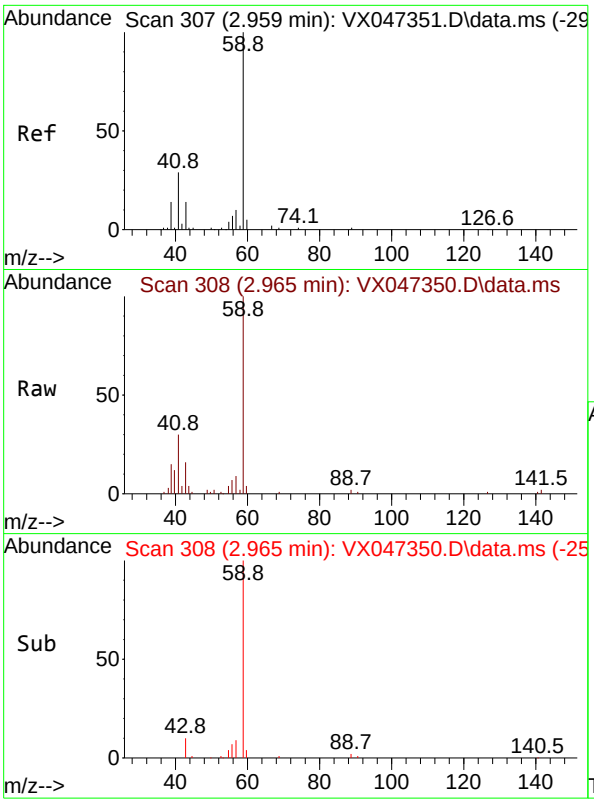


#10
Methyl Iodide
Concen: 17.244 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion:142 Resp: 94708

Ion	Ratio	Lower	Upper
142	100		
127	44.2	36.1	54.1
141	13.3	11.1	16.7



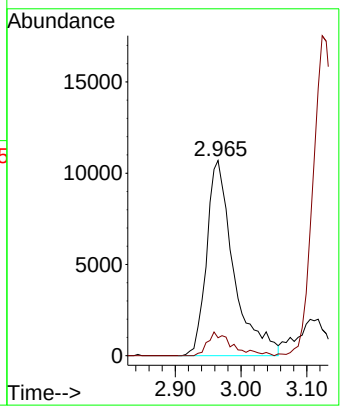


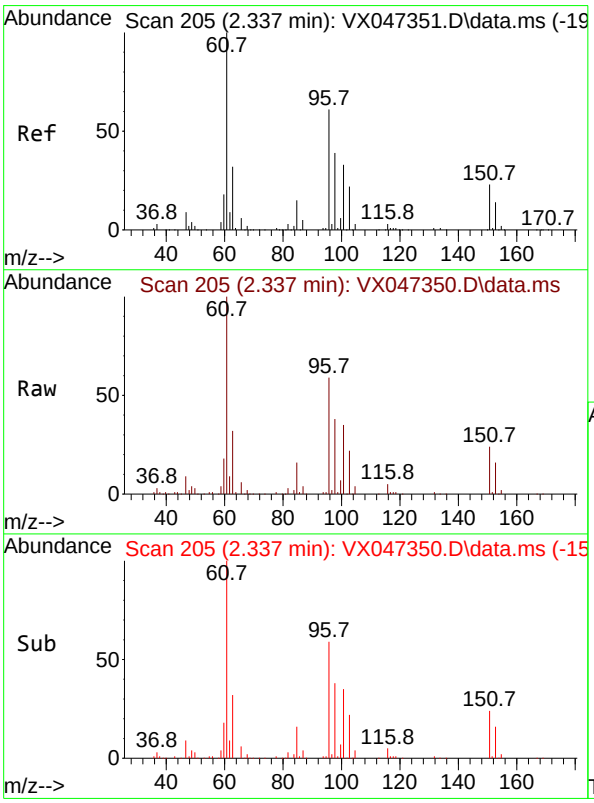
#11
Tert butyl alcohol
Concen: 96.445 ug/l
RT: 2.965 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 59 Resp: 30471

Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.3	12.5

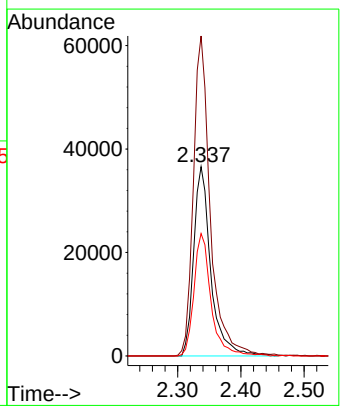


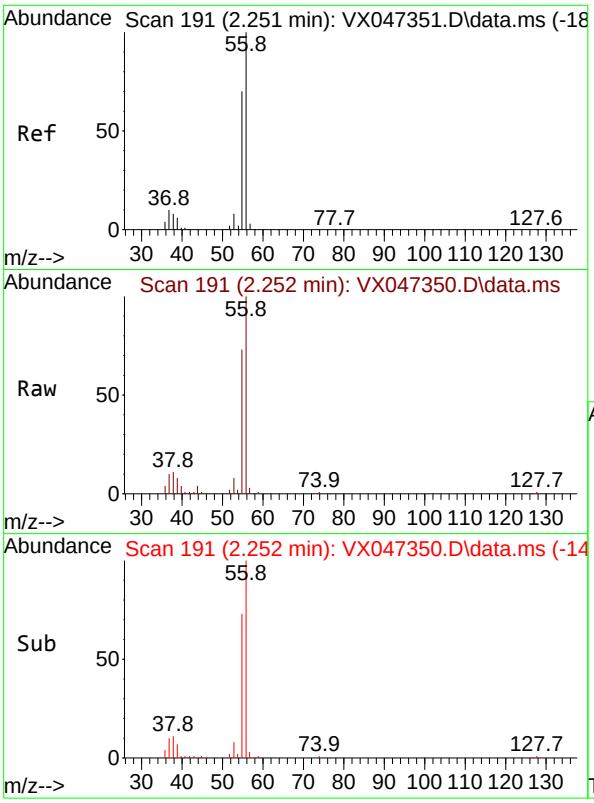


#12
1,1-Dichloroethene
Concen: 21.110 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 96 Resp: 68973

Ion	Ratio	Lower	Upper
96	100		
61	168.6	132.2	198.2
98	64.7	51.2	76.8



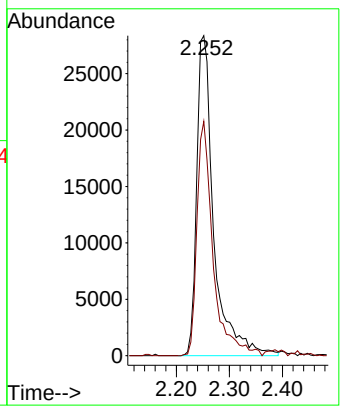


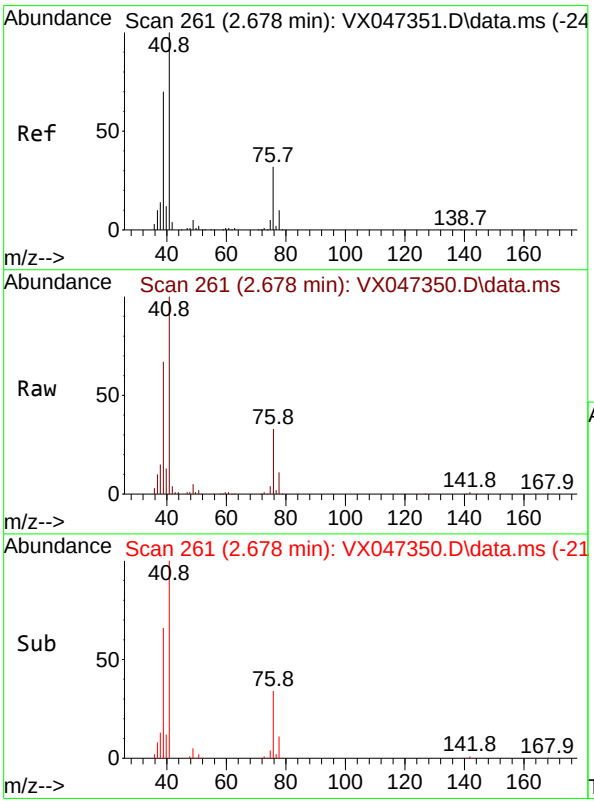
#13
Acrolein
Concen: 94.809 ug/l
RT: 2.252 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 63232

Ion	Ratio	Lower	Upper
56	100		
55	69.1	55.5	83.3

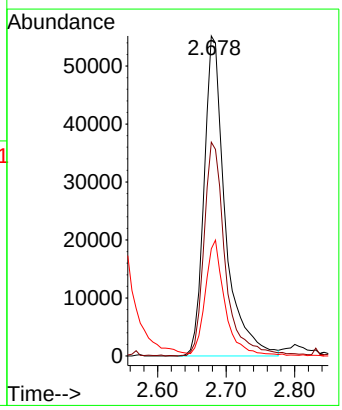


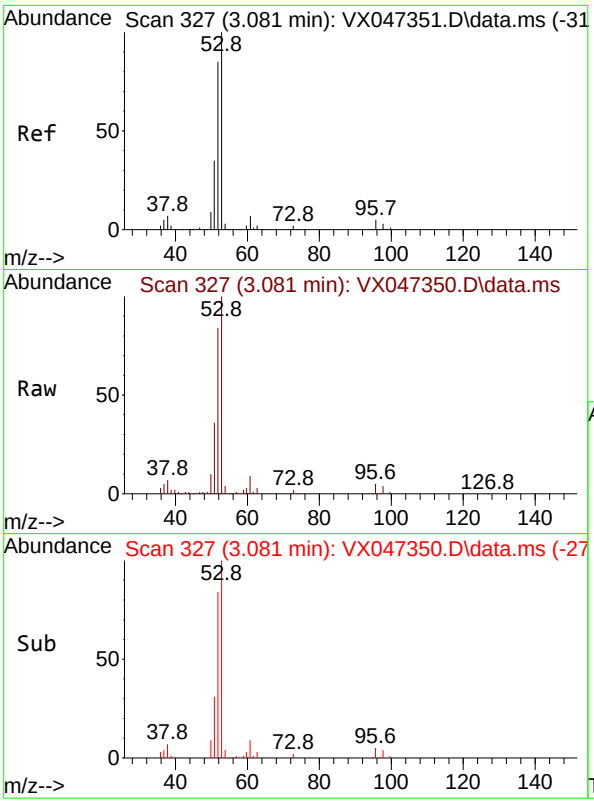


#14
Allyl chloride
Concen: 20.902 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 41 Resp: 118613

Ion	Ratio	Lower	Upper
41	100		
39	67.2	54.6	81.8
76	33.4	27.6	41.4



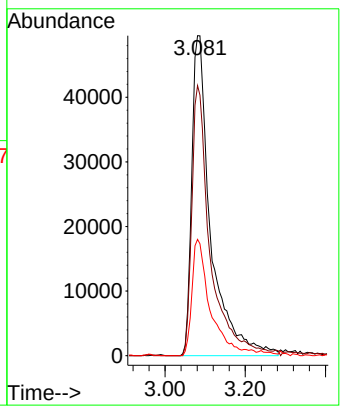


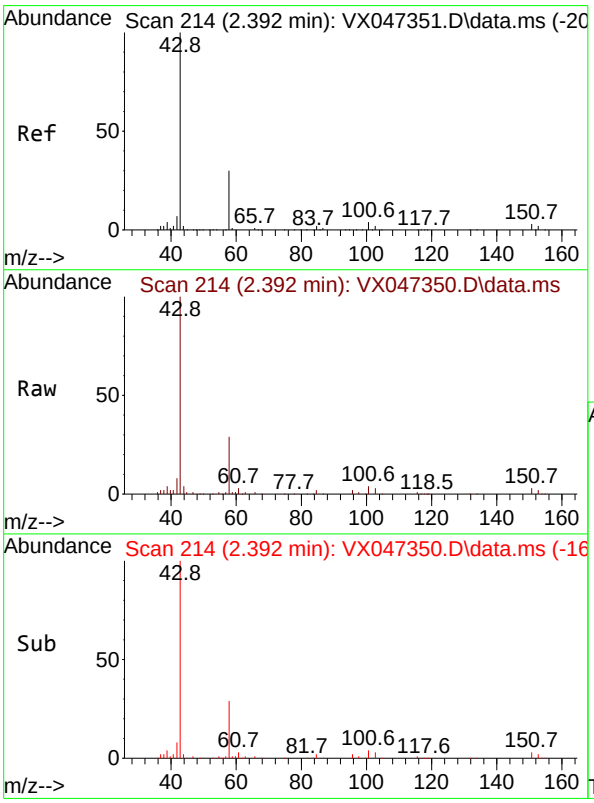
#15
Acrylonitrile
Concen: 106.830 ug/l
RT: 3.081 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 53 Resp: 163095

Ion	Ratio	Lower	Upper
53	100		
52	81.2	65.8	98.6
51	35.4	28.2	42.2

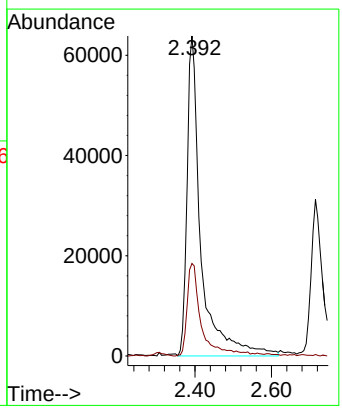


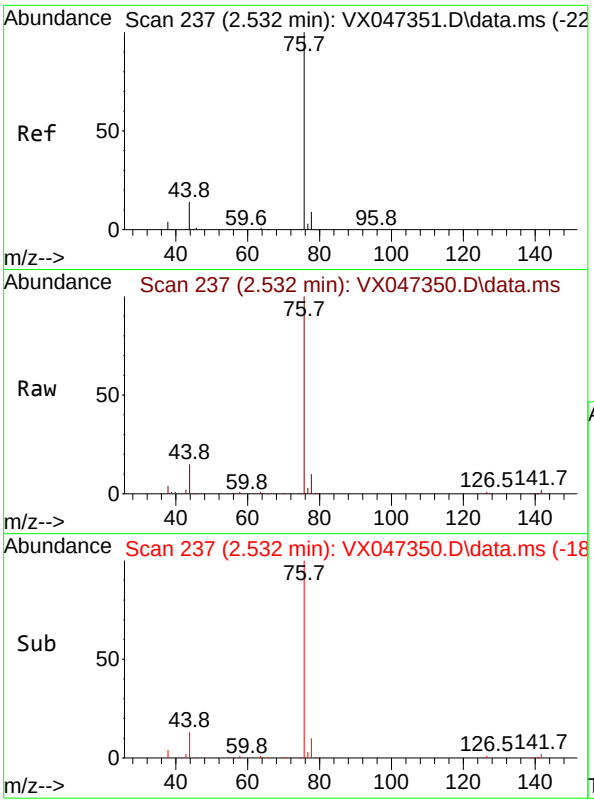


#16
Acetone
Concen: 117.954 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 43 Resp: 161019

Ion	Ratio	Lower	Upper
43	100		
58	28.5	24.8	37.2



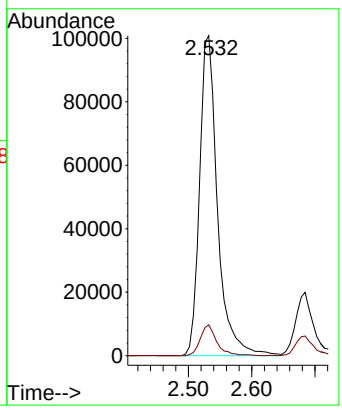


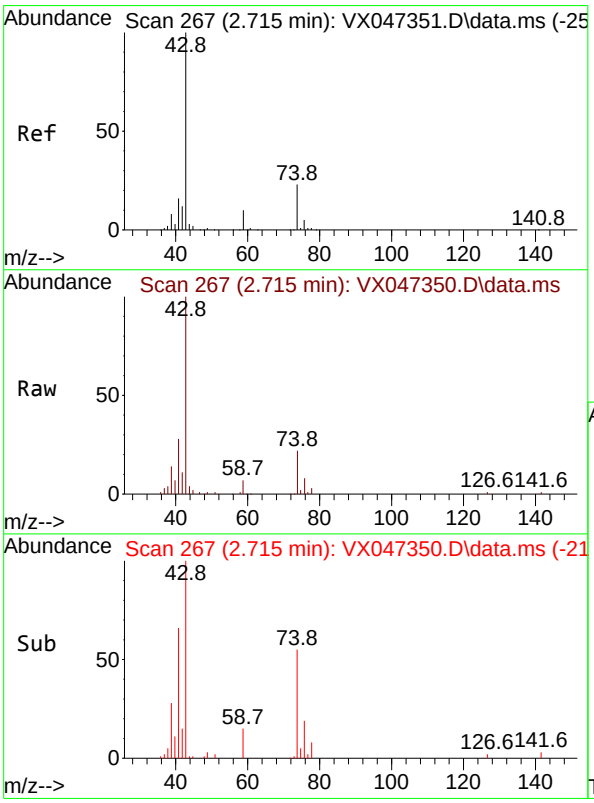
#17
Carbon Disulfide
Concen: 20.167 ug/l
RT: 2.532 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 198834

Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.2	10.8

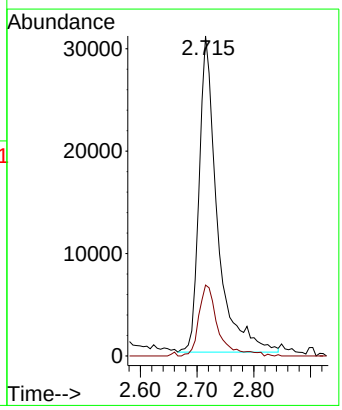


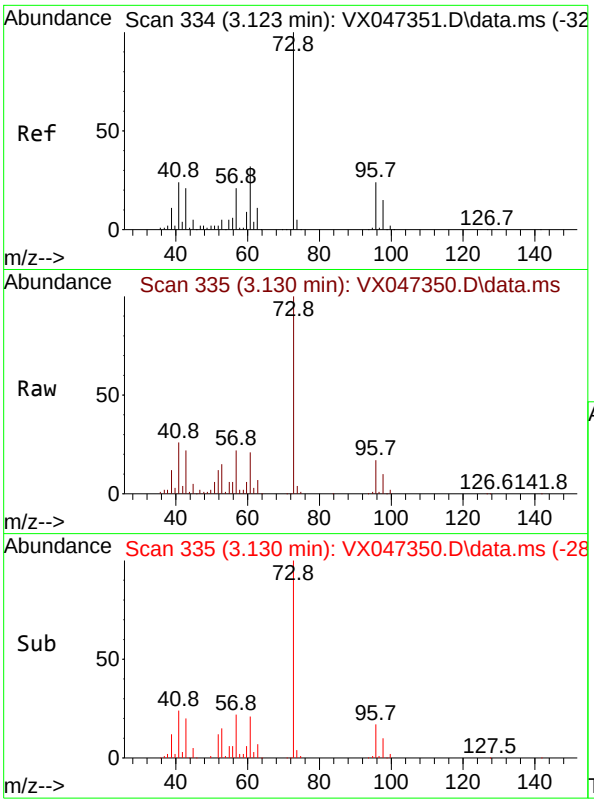


#18
Methyl Acetate
Concen: 19.410 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 43 Resp: 68662

Ion	Ratio	Lower	Upper
43	100		
74	23.7	18.4	27.6



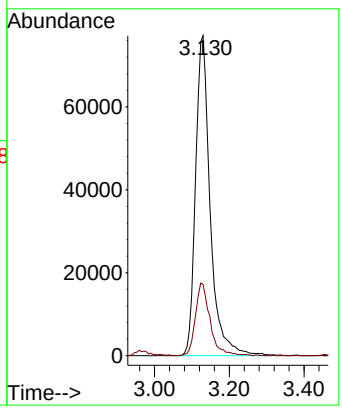


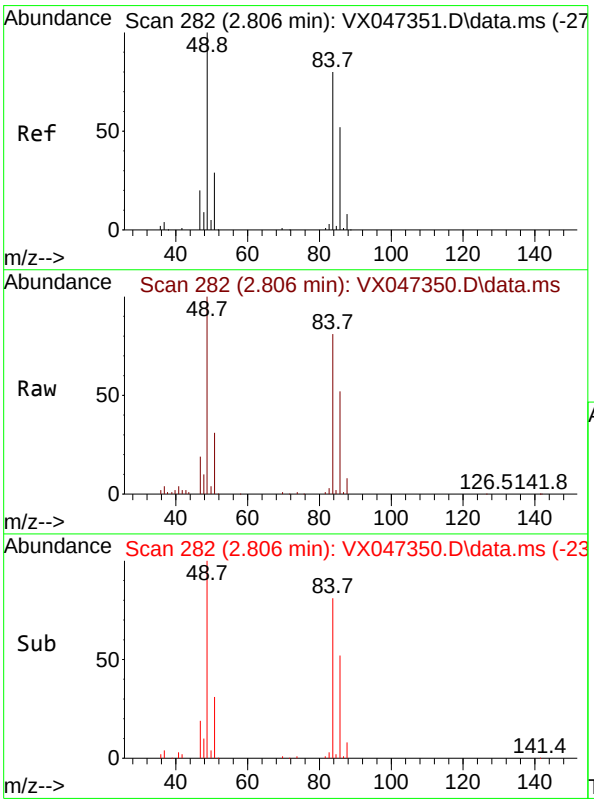
#19
Methyl tert-butyl Ether
Concen: 21.080 ug/l
RT: 3.130 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 209527

Ion	Ratio	Lower	Upper
73	100		
57	22.3	17.0	25.6

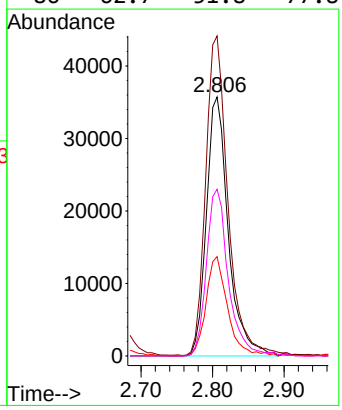


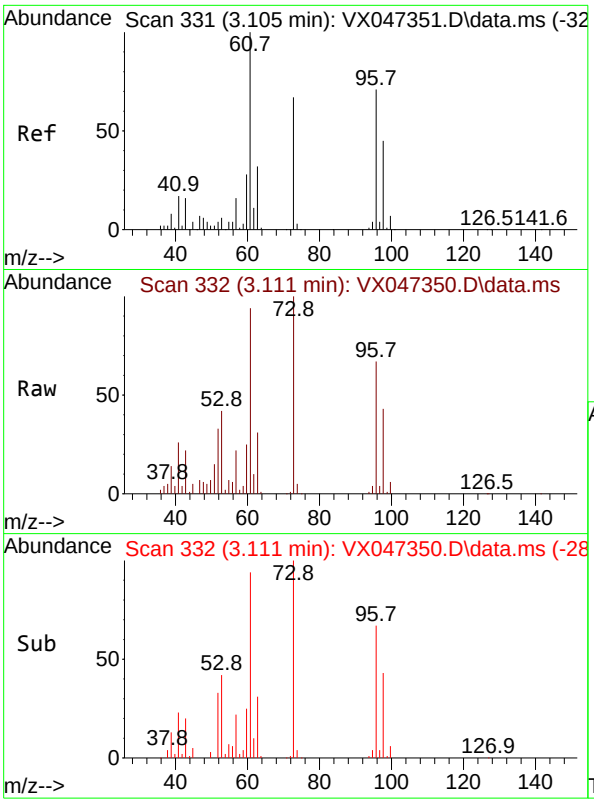


#20
Methylene Chloride
Concen: 21.033 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 84 Resp: 76029

Ion	Ratio	Lower	Upper
84	100		
49	120.0	100.1	150.1
51	37.4	29.5	44.3
86	62.7	51.8	77.8



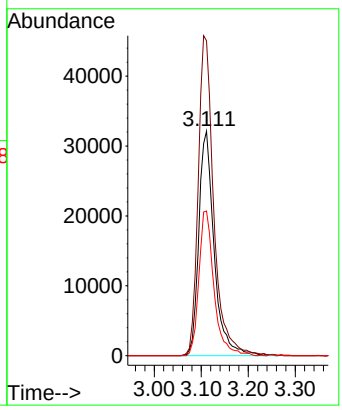


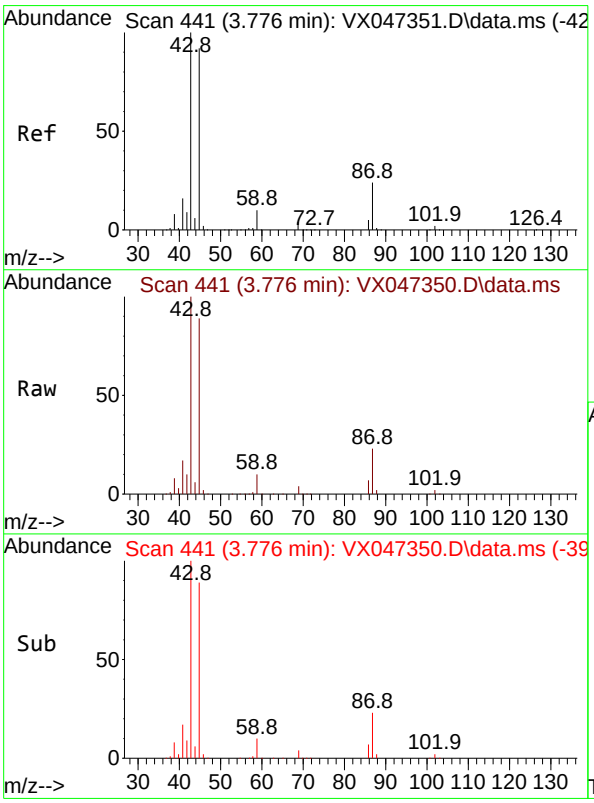
#21
trans-1,2-Dichloroethene
Concen: 21.110 ug/l
RT: 3.111 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 96 Resp: 73205

Ion	Ratio	Lower	Upper
96	100		
61	140.3	112.6	169.0
98	64.4	50.9	76.3

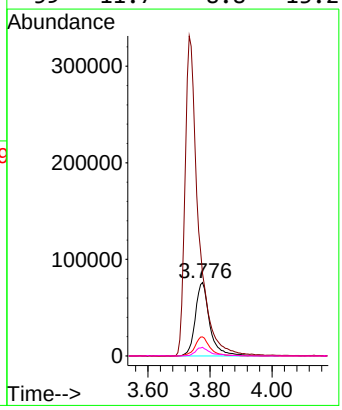


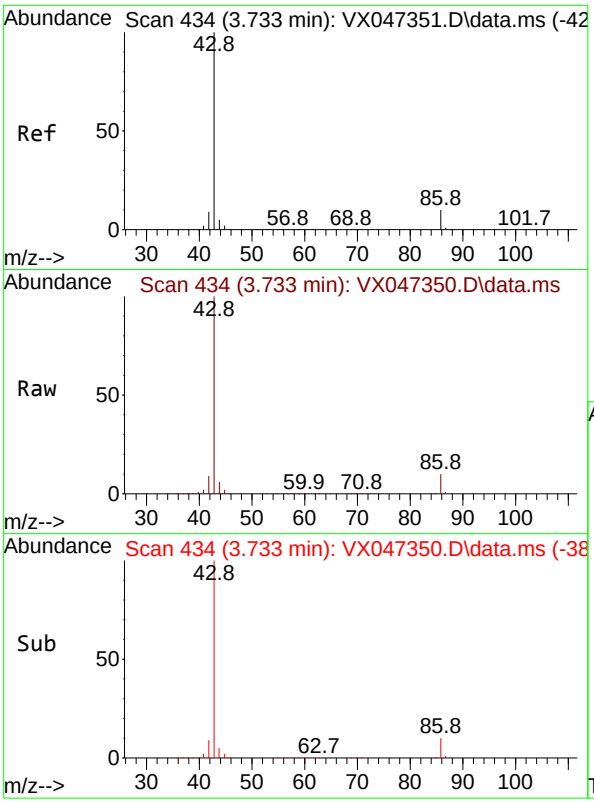


#22
Diisopropyl ether
Concen: 21.949 ug/l
RT: 3.776 min Scan# 441
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 45 Resp: 246210

Ion	Ratio	Lower	Upper
45	100		
43	111.5	86.8	130.2
87	26.0	20.4	30.6
59	11.7	8.8	13.2



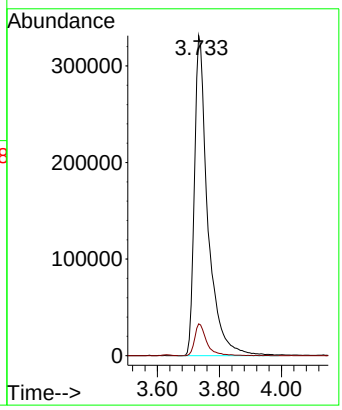


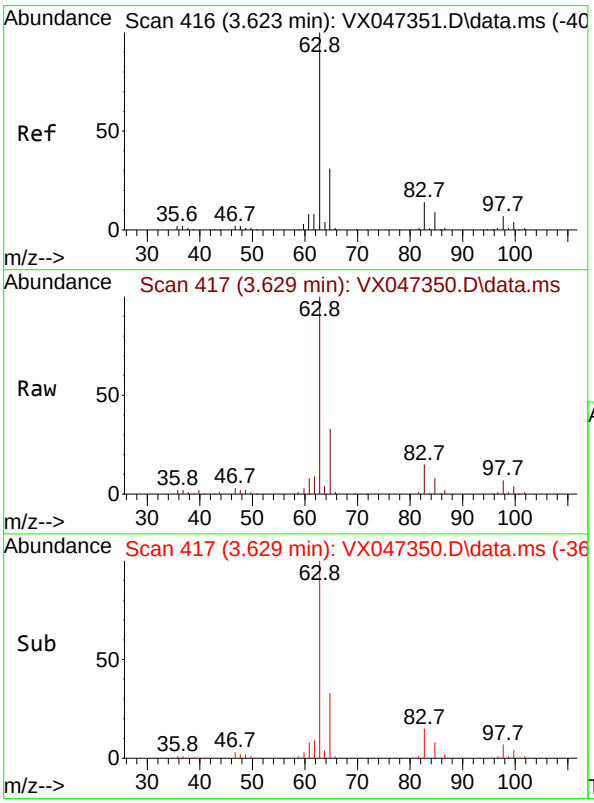
#23
Vinyl Acetate
Concen: 108.348 ug/l
RT: 3.733 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 996178

Ion	Ratio	Lower	Upper
43	100		
86	10.8	7.9	11.9

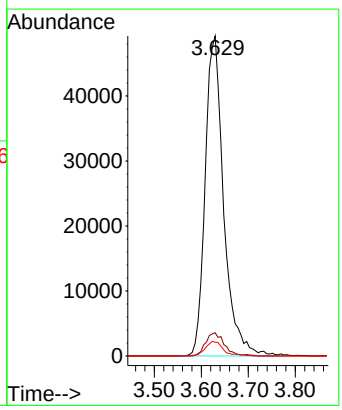


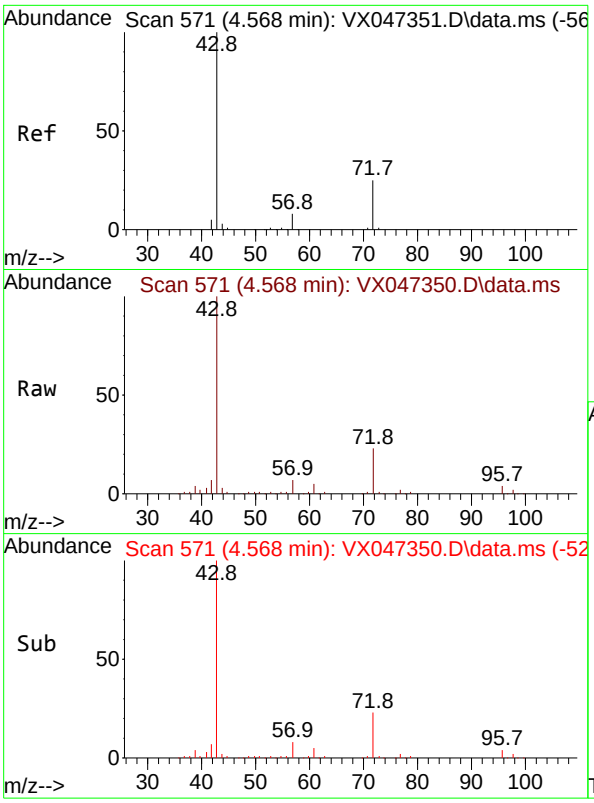


#24
1,1-Dichloroethane
Concen: 21.177 ug/l
RT: 3.629 min Scan# 417
Delta R.T. 0.006 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 63 Resp: 134271

Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.3	9.9
100	4.5	2.1	6.3



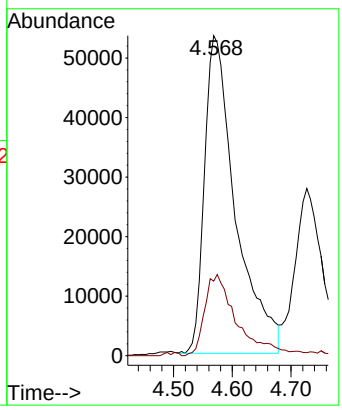


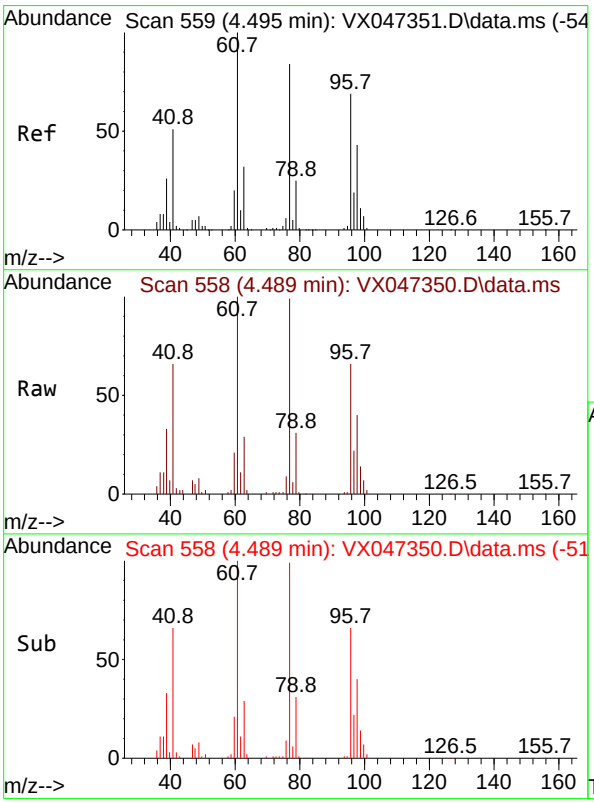
#25
2-Butanone
Concen: 109.614 ug/l
RT: 4.568 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 195973

Ion	Ratio	Lower	Upper
43	100		
72	22.7	19.8	29.8

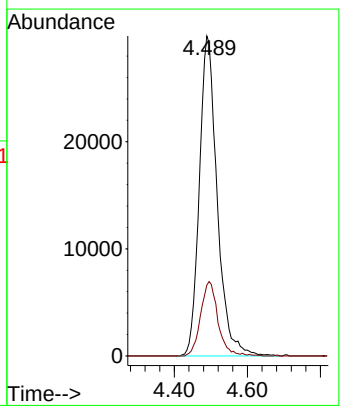


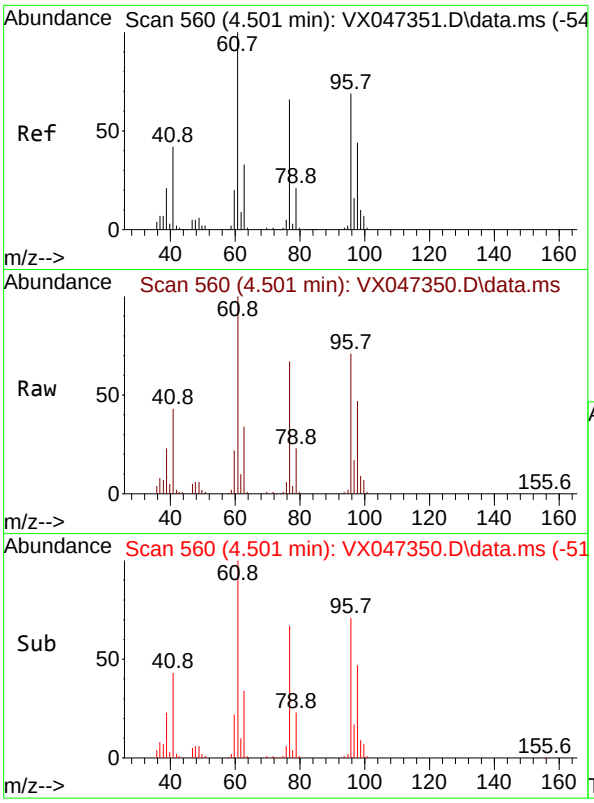


#26
2,2-Dichloropropane
Concen: 21.177 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 77 Resp: 101341

Ion	Ratio	Lower	Upper
77	100		
97	22.5	11.4	34.1



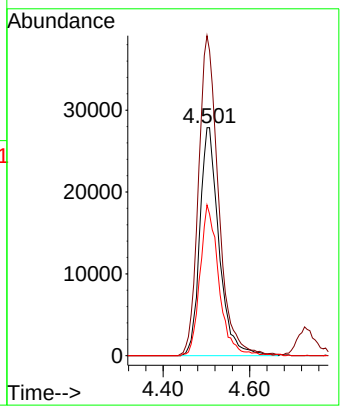


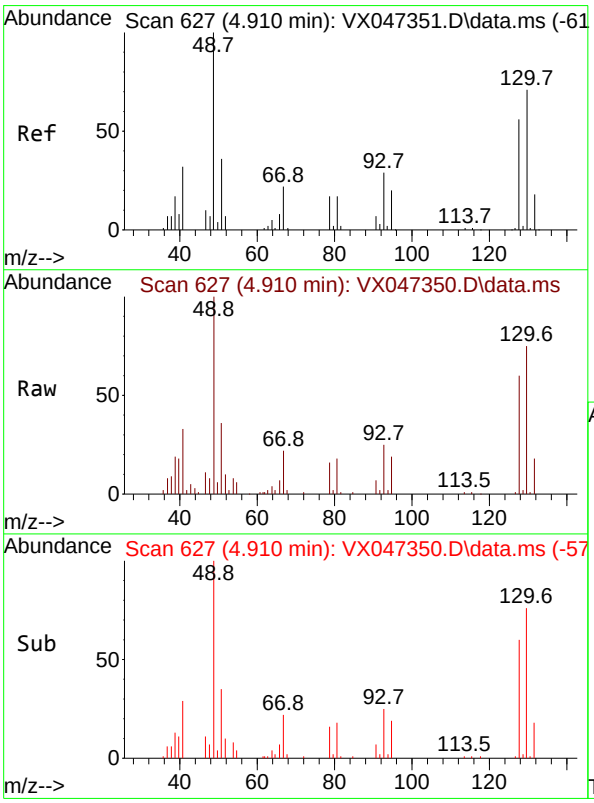
#27
cis-1,2-Dichloroethene
Concen: 21.217 ug/l
RT: 4.501 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 96 Resp: 85695

Ion	Ratio	Lower	Upper
96	100		
61	145.8	0.0	296.6
98	64.8	0.0	130.4

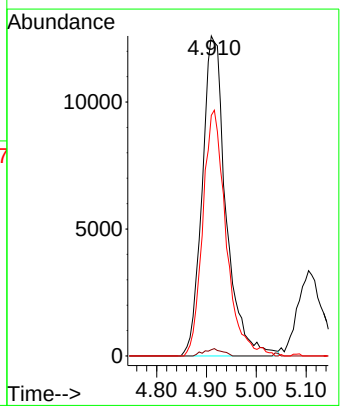


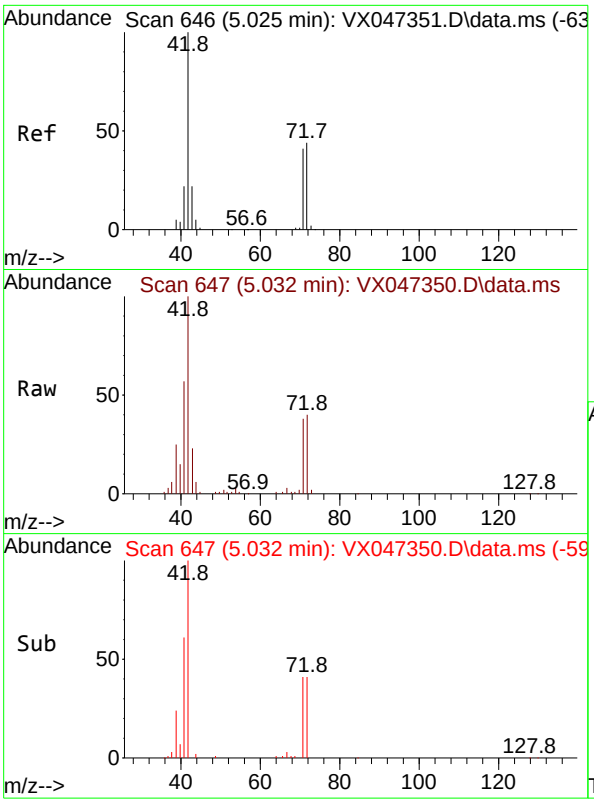


#28
Bromochloromethane
Concen: 15.812 ug/l
RT: 4.910 min Scan# 627
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 49 Resp: 41717

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.0
130	74.3	59.8	89.6



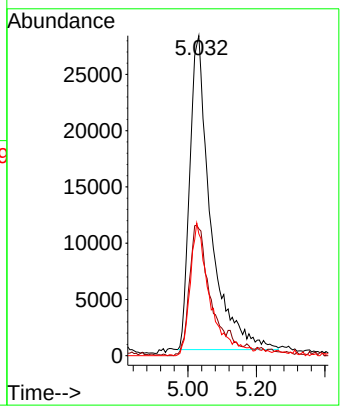


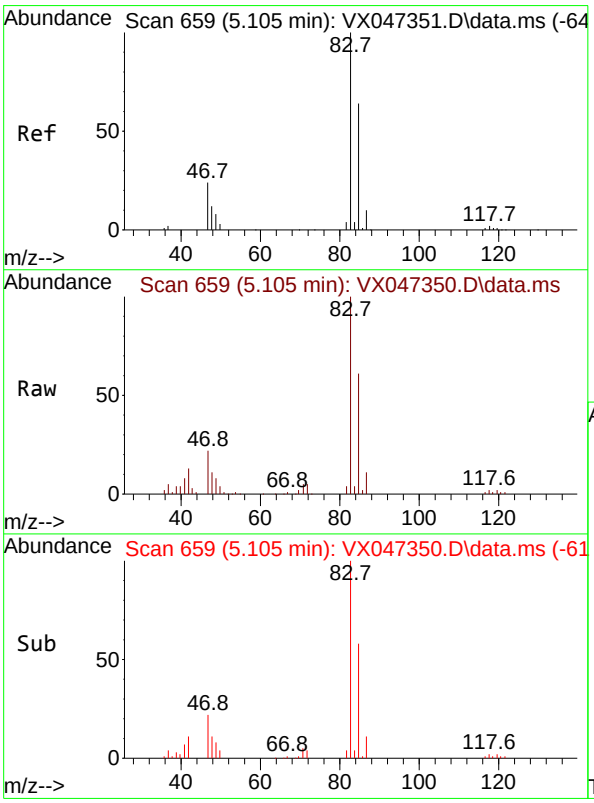
#29
Tetrahydrofuran
Concen: 102.002 ug/l
RT: 5.032 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 42 Resp: 117869

Ion	Ratio	Lower	Upper
42	100		
72	40.0	34.6	51.8
71	40.9	32.6	49.0

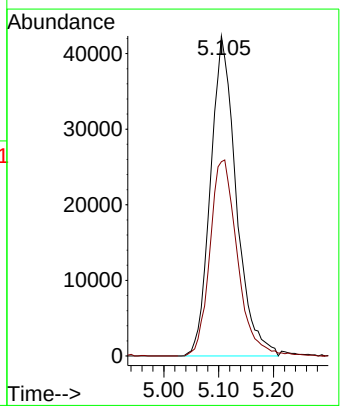


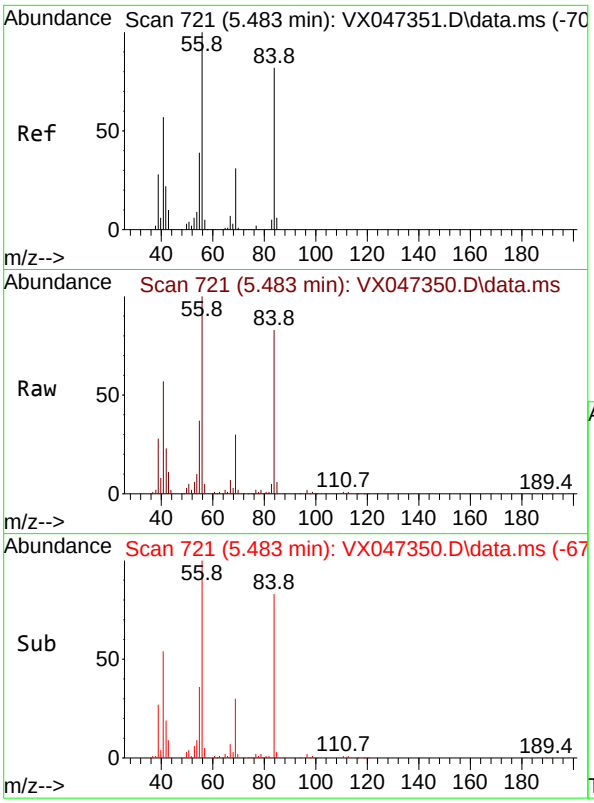


#30
Chloroform
Concen: 21.309 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 83 Resp: 137885

Ion	Ratio	Lower	Upper
83	100		
85	60.7	51.2	76.8



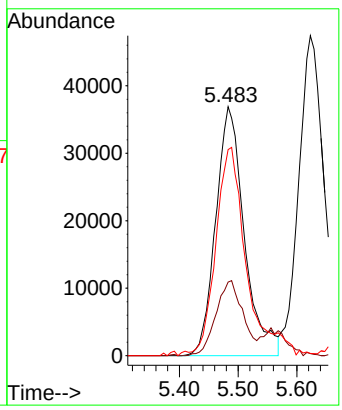


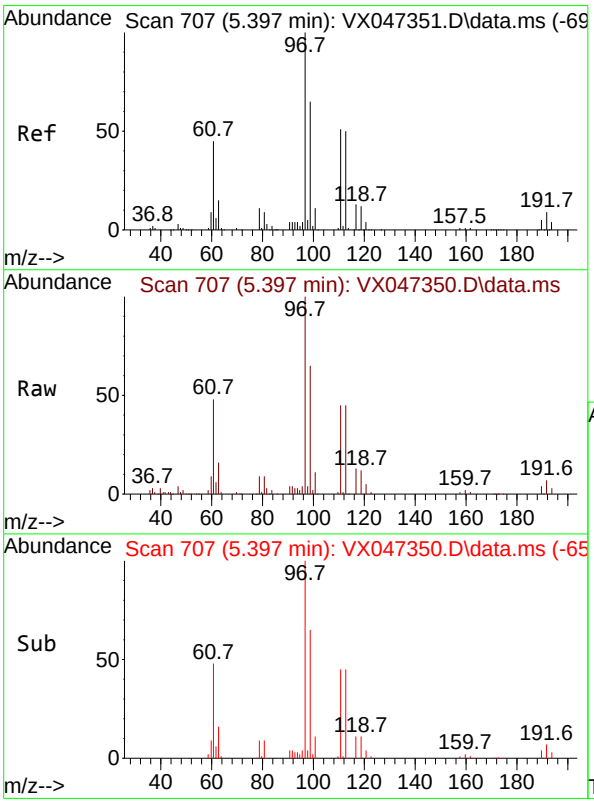
#31
Cyclohexane
Concen: 21.348 ug/l
RT: 5.483 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 124775

Ion	Ratio	Lower	Upper
56	100		
69	28.8	24.3	36.5
84	82.8	65.3	97.9

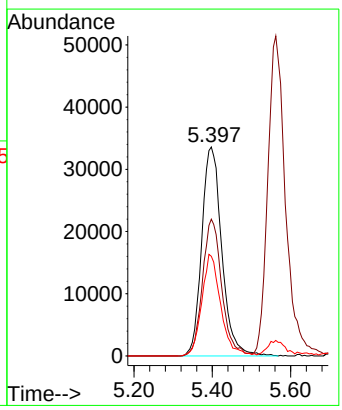


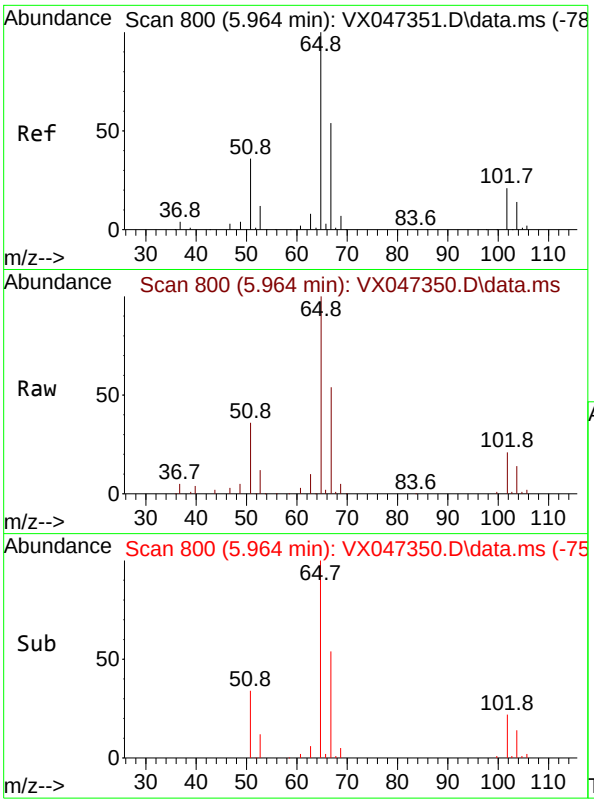


#32
1,1,1-Trichloroethane
Concen: 21.445 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 97 Resp: 119441

Ion	Ratio	Lower	Upper
97	100		
99	62.5	51.4	77.0
61	46.0	35.7	53.5



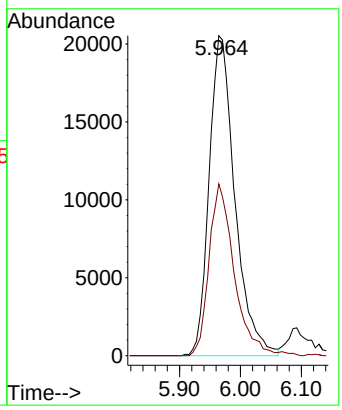


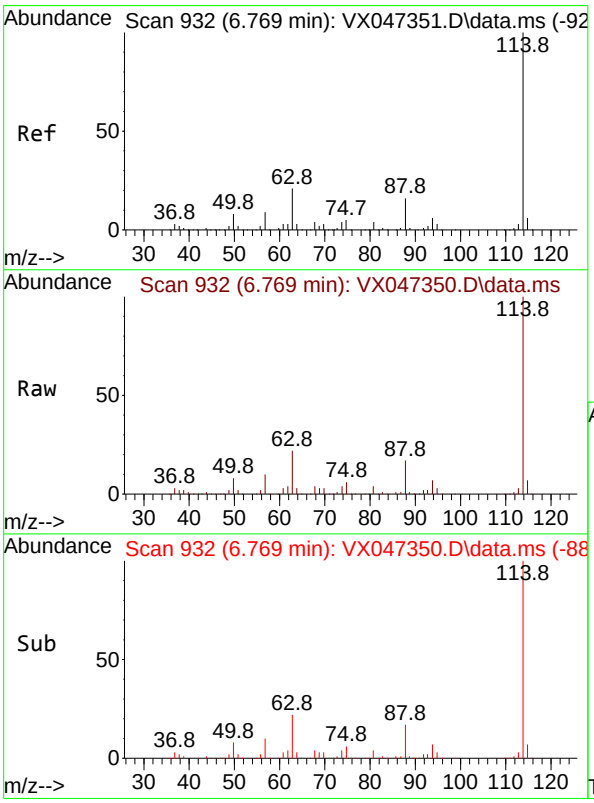
#33
1,2-Dichloroethane-d4
Concen: 16.601 ug/l
RT: 5.964 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 65 Resp: 60290

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	106.0

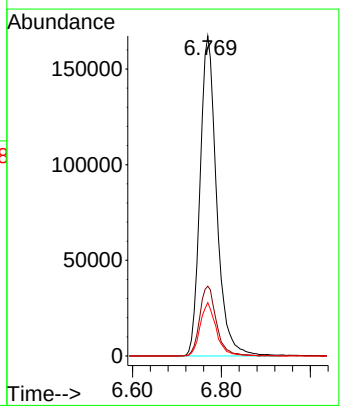


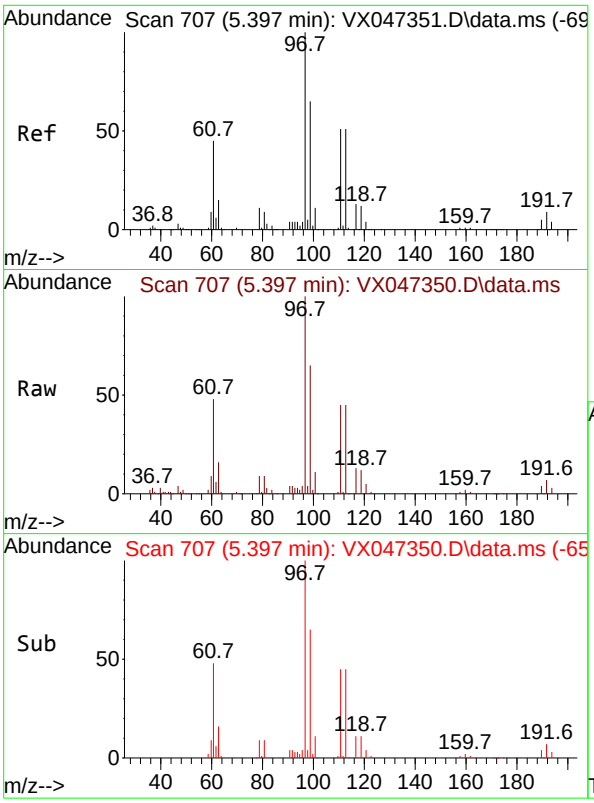


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion:114 Resp: 434596

Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	42.4
88	16.7	0.0	33.0



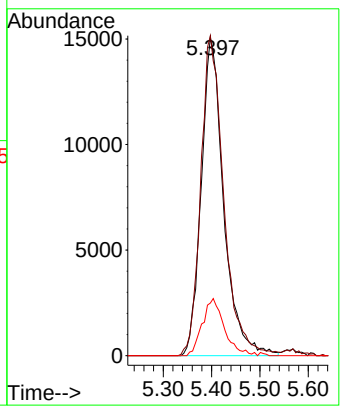


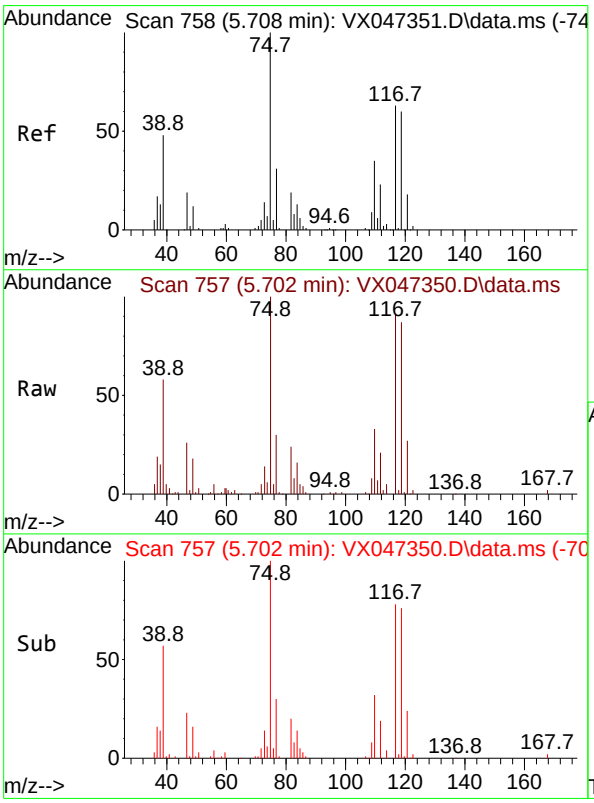
#35
Dibromofluoromethane
Concen: 17.153 ug/l
RT: 5.397 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:113 Resp: 48382

Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.4	122.2
192	17.7	14.1	21.1

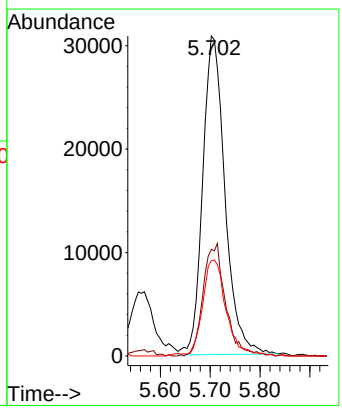


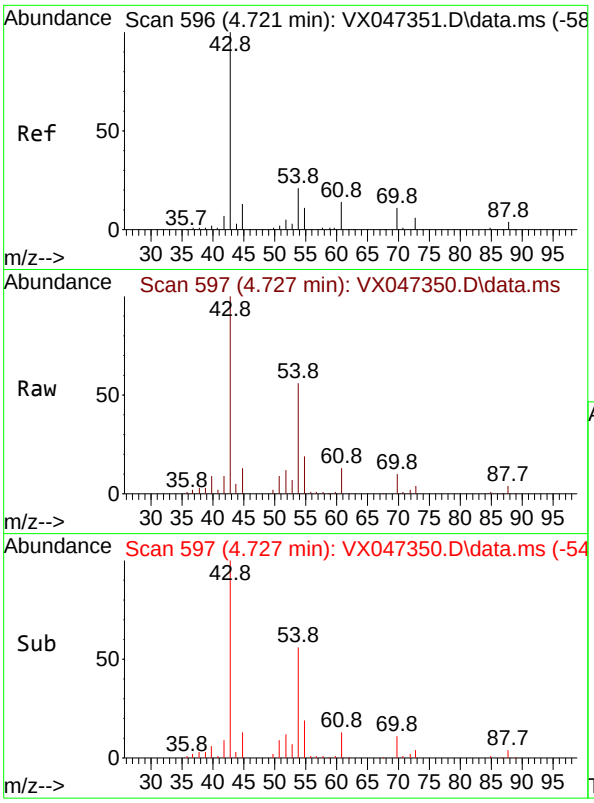


#36
1,1-Dichloropropene
Concen: 21.494 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.006 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 75 Resp: 95703

Ion	Ratio	Lower	Upper
75	100		
110	35.1	17.4	52.2
77	31.3	24.4	36.6



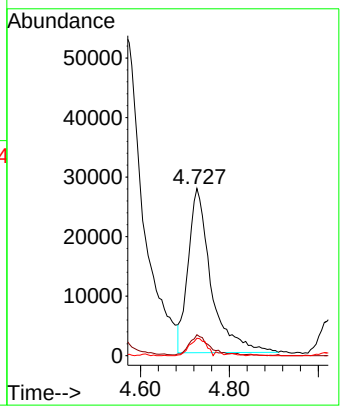


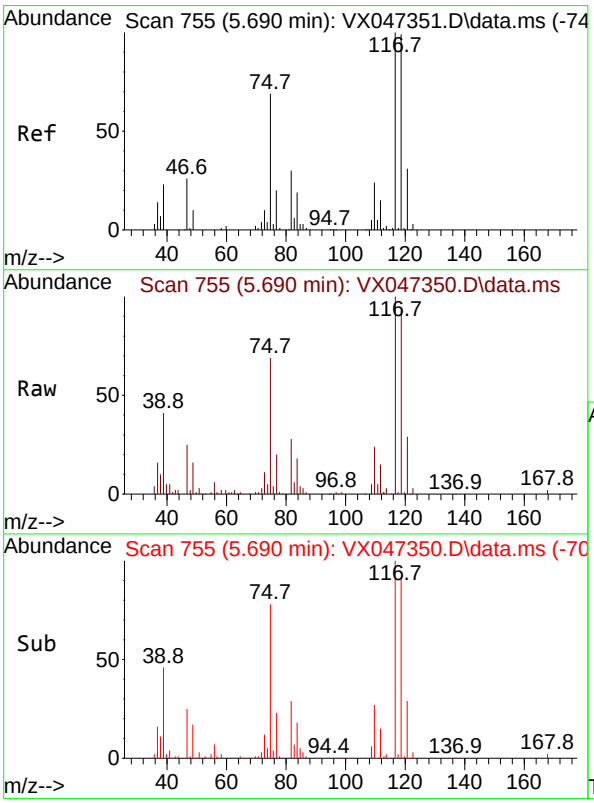
#37
Ethyl Acetate
Concen: 21.355 ug/l
RT: 4.727 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 98709

Ion	Ratio	Lower	Upper
43	100		
61	10.0	9.4	14.2
70	7.7	7.0	10.6

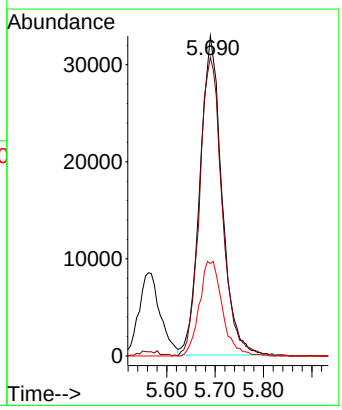


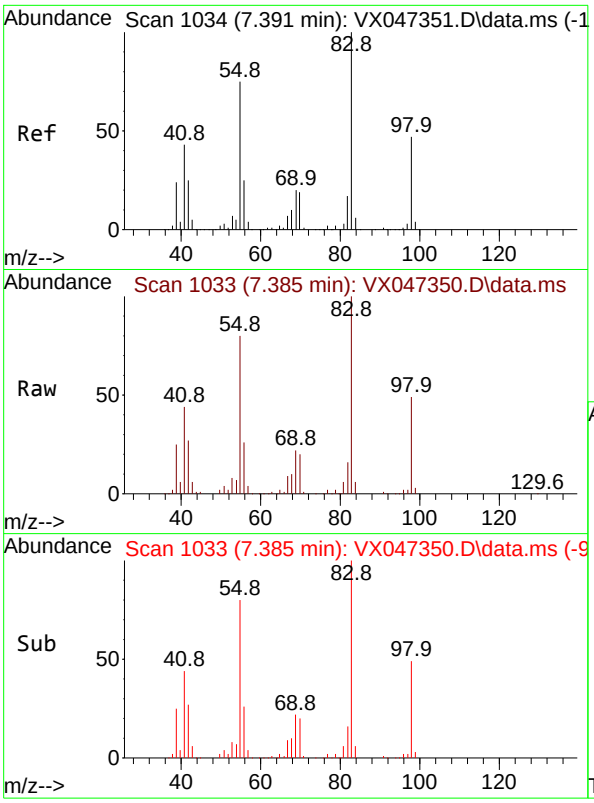


#38
Carbon Tetrachloride
Concen: 21.296 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion:117 Resp: 103616

Ion	Ratio	Lower	Upper
117	100		
119	93.6	78.5	117.7
121	29.0	24.7	37.1



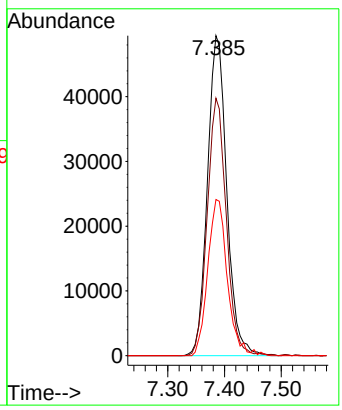


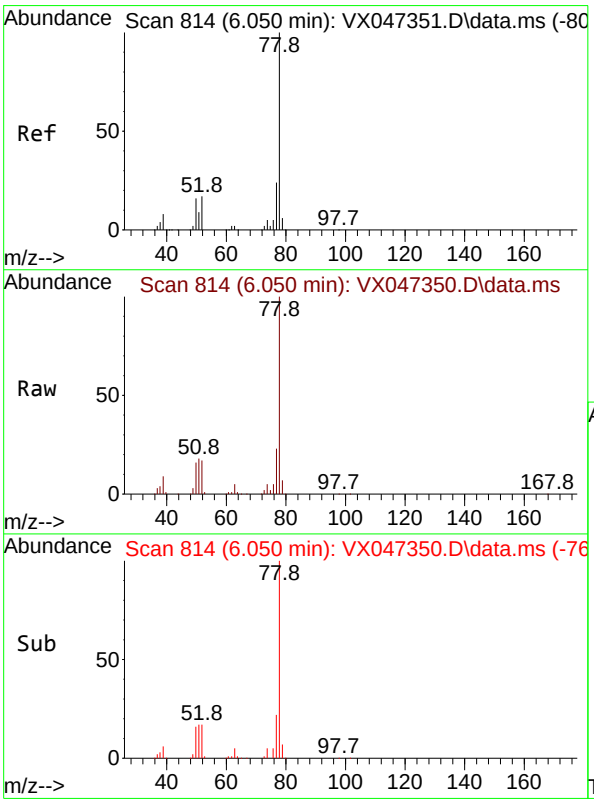
#39
Methylcyclohexane
Concen: 21.051 ug/l
RT: 7.385 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 116913

Ion	Ratio	Lower	Upper
83	100		
55	80.4	60.0	90.0
98	48.8	37.2	55.8

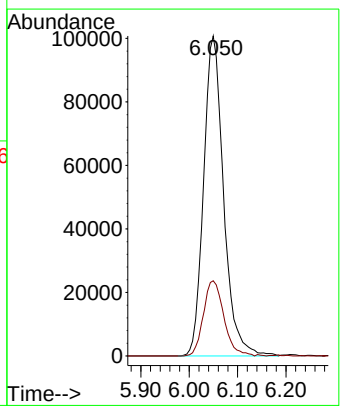


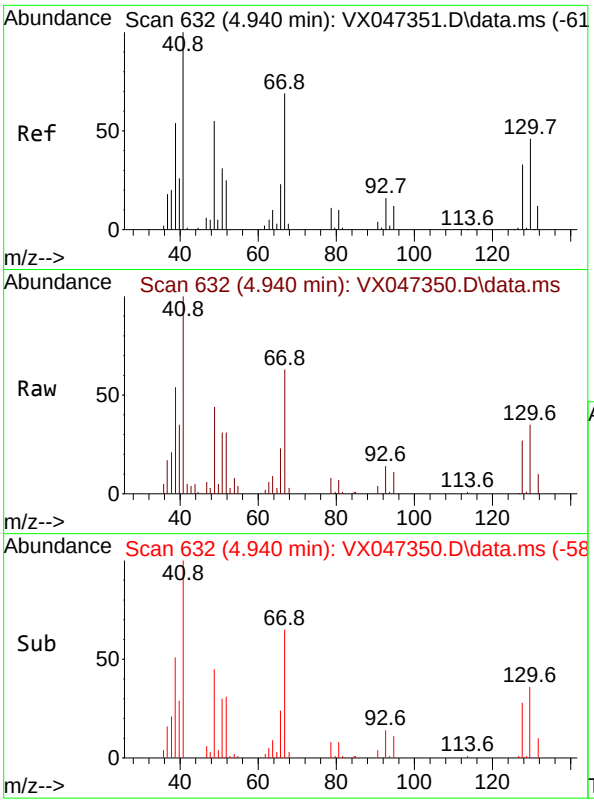


#40
Benzene
Concen: 21.716 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 78 Resp: 289406

Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.0	28.4



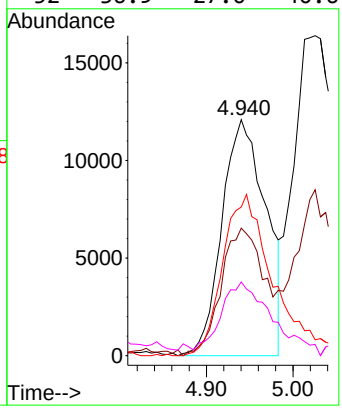


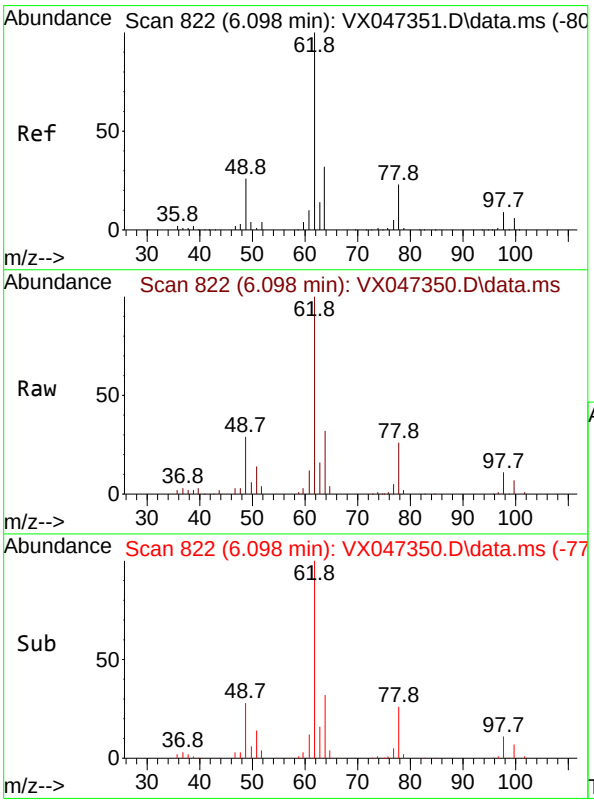
#41
Methacrylonitrile
Concen: 21.799 ug/l
RT: 4.940 min Scan# 6
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 41 Resp: 42490

Ion	Ratio	Lower	Upper
41	100		
39	51.9	45.4	68.2
67	78.9	64.0	96.0
52	36.9	27.0	40.6

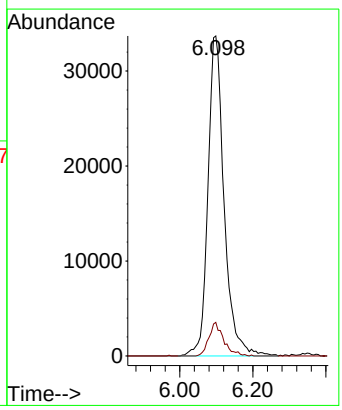


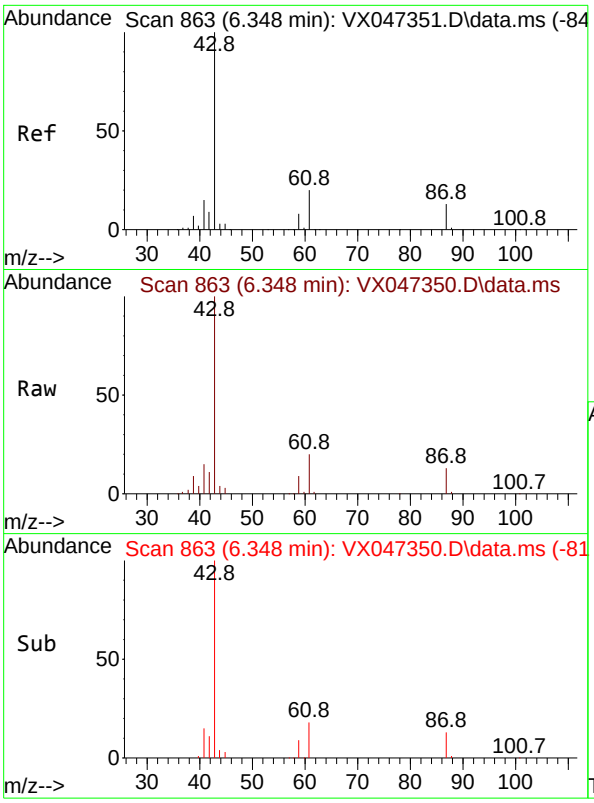


#42
1,2-Dichloroethane
Concen: 21.867 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 62 Resp: 103227

Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.0



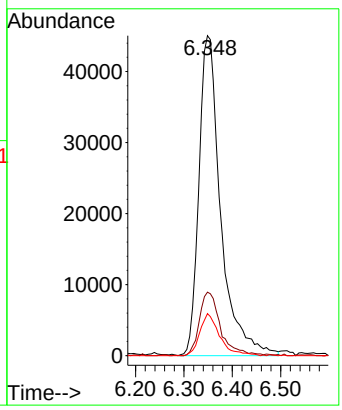


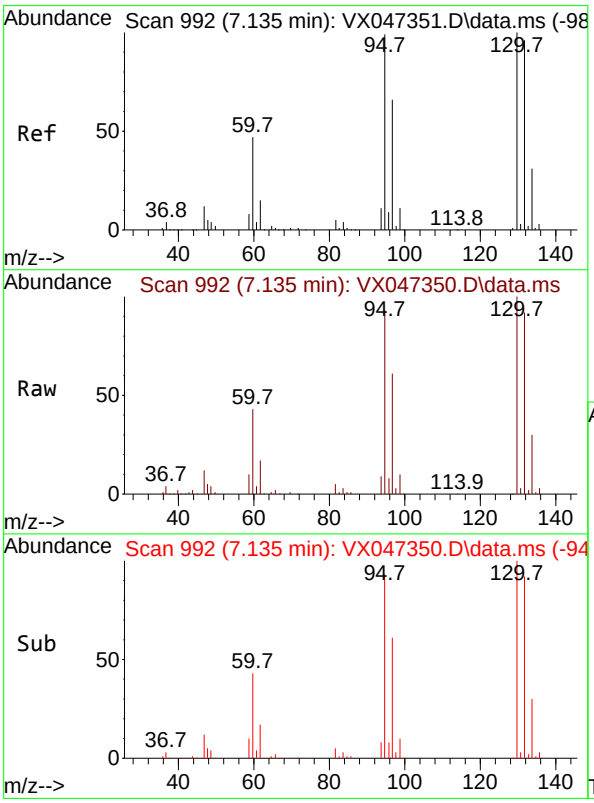
#43
Isopropyl Acetate
Concen: 21.243 ug/l
RT: 6.348 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 141062

Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.4	23.0
87	12.0	10.2	15.4

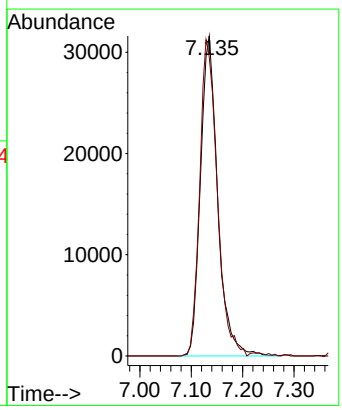


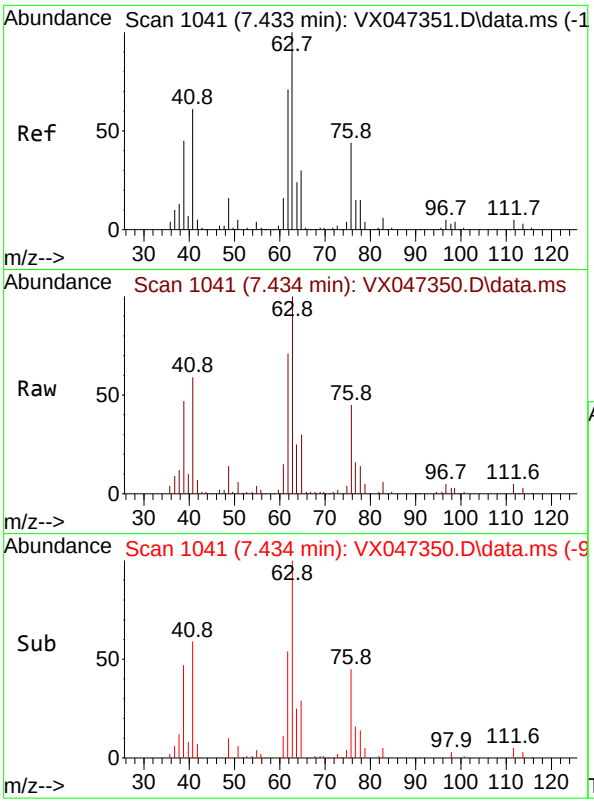


#44
Trichloroethene
Concen: 21.546 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion:130 Resp: 73526

Ion	Ratio	Lower	Upper
130	100		
95	93.5	0.0	198.6



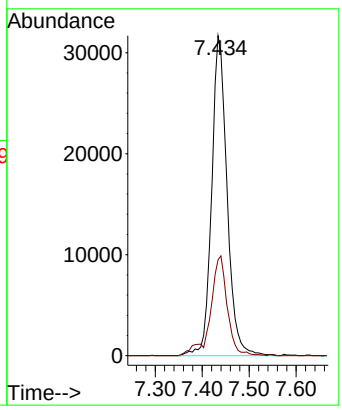


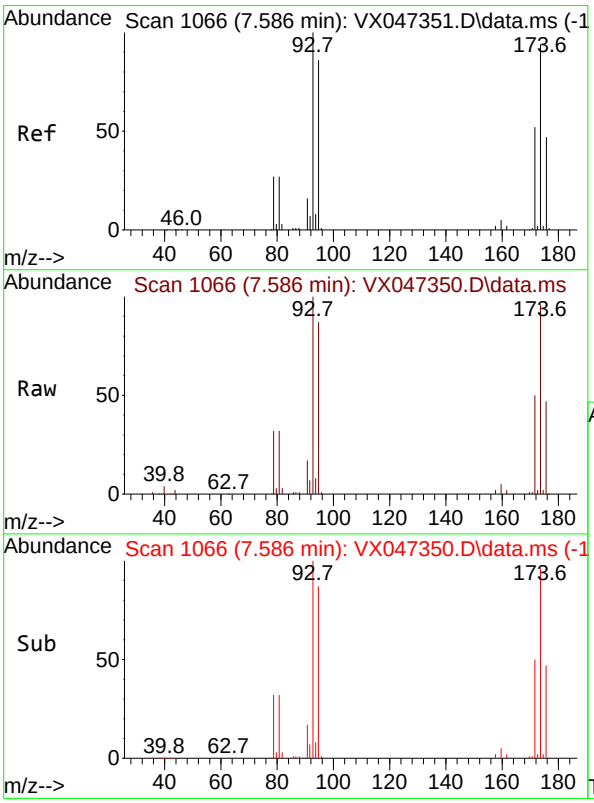
#45
1,2-Dichloropropane
Concen: 21.601 ug/l
RT: 7.434 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 63 Resp: 72118

Ion	Ratio	Lower	Upper
63	100		
65	30.0	23.8	35.6

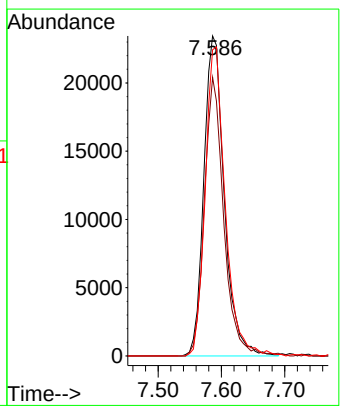


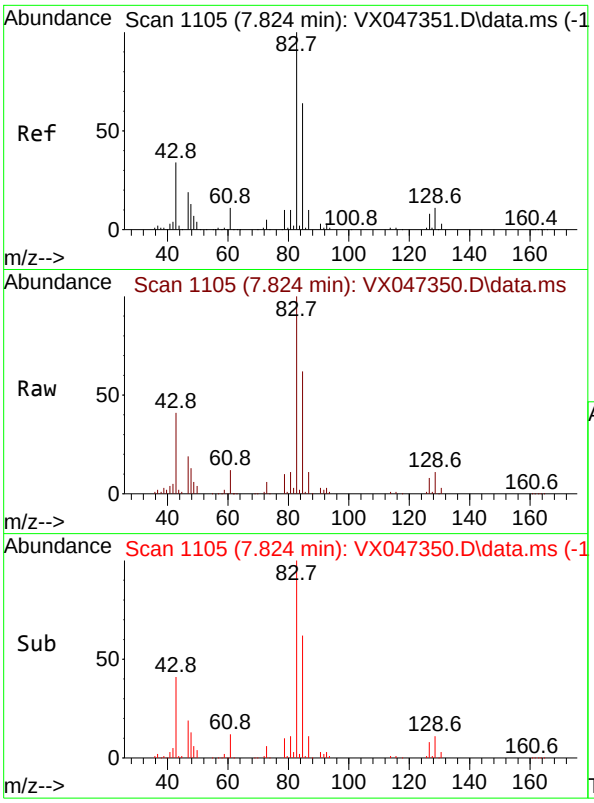


#46
Dibromomethane
Concen: 21.648 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 93 Resp: 52472

Ion	Ratio	Lower	Upper
93	100		
95	82.8	68.0	102.0
174	95.1	75.8	113.6



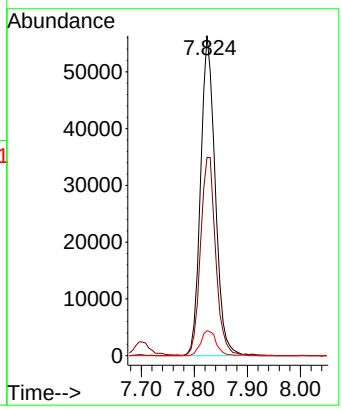


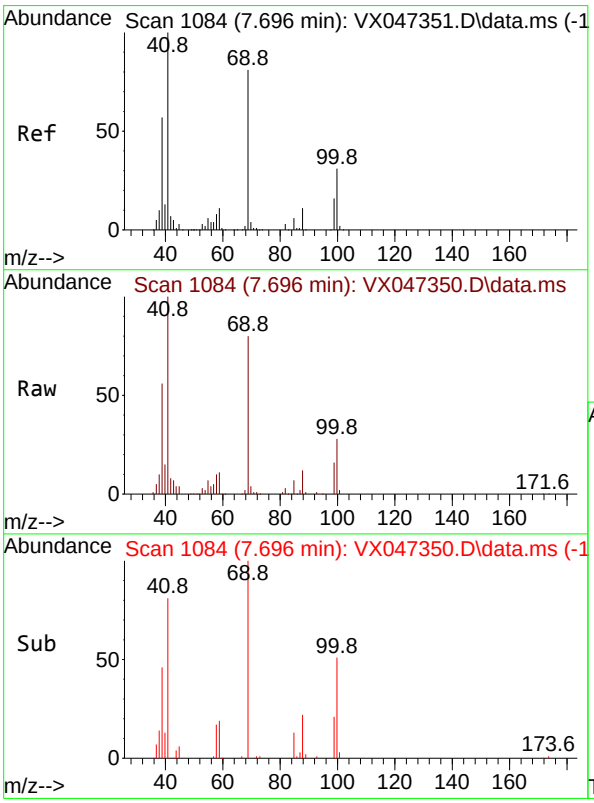
#47
Bromodichloromethane
Concen: 21.491 ug/l
RT: 7.824 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 107990

Ion	Ratio	Lower	Upper
83	100		
85	62.7	51.0	76.6
127	7.8	7.0	10.4

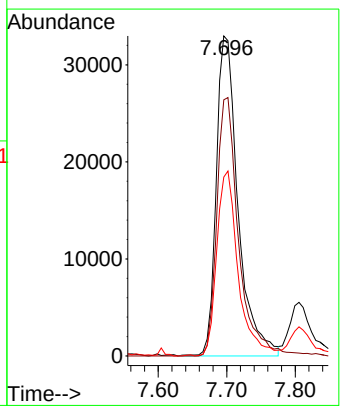


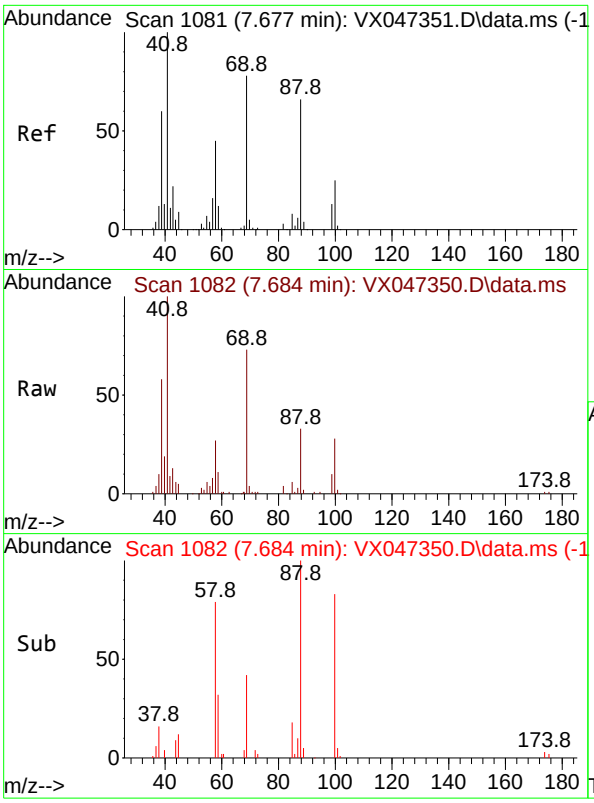


#48
Methyl methacrylate
Concen: 21.111 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 41 Resp: 72765

Ion	Ratio	Lower	Upper
41	100		
69	81.0	65.0	97.4
39	56.6	45.7	68.5



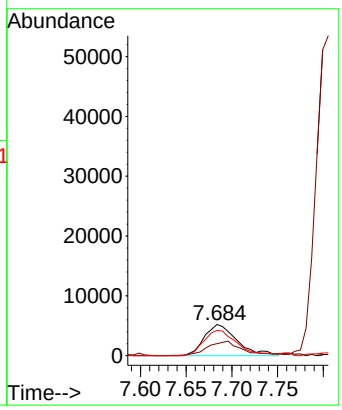


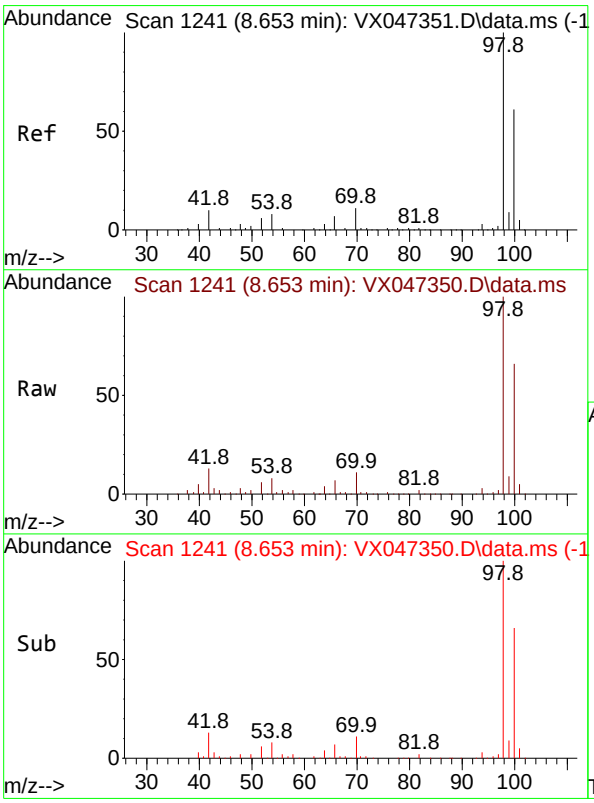
#49
1,4-Dioxane
Concen: 399.049 ug/l
RT: 7.684 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 88 Resp: 13062

Ion	Ratio	Lower	Upper
88	100		
43	49.3	32.4	48.6#
58	81.9	56.9	85.3

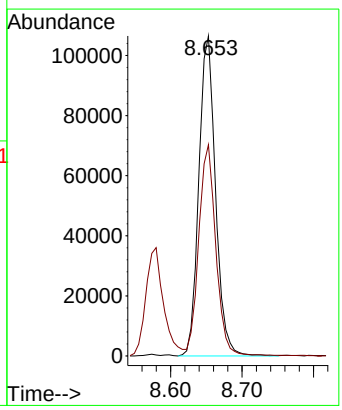


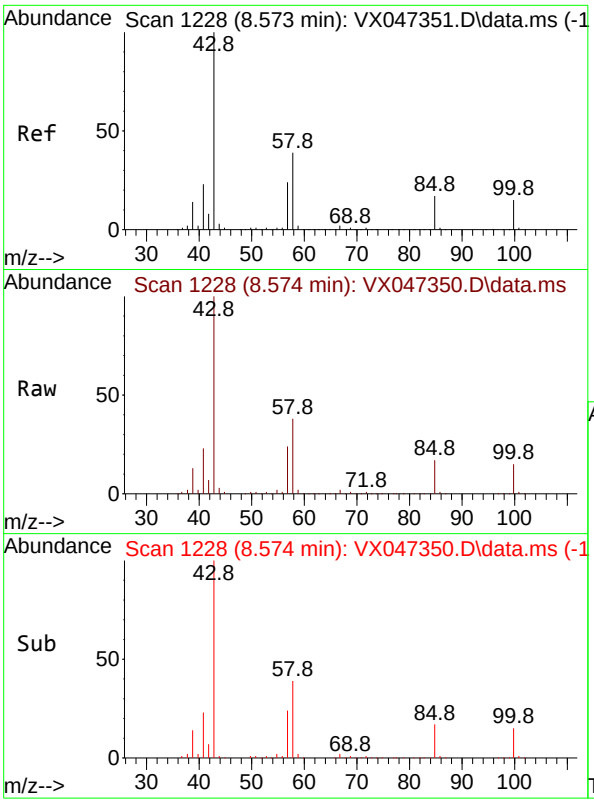


#50
Toluene-d8
Concen: 17.133 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 98 Resp: 172730

Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.9	80.9



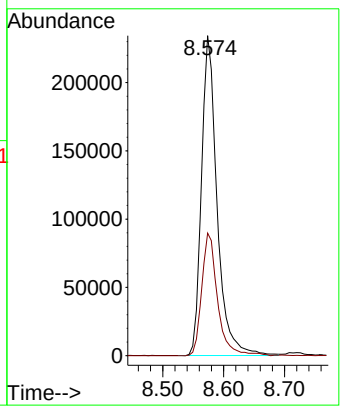


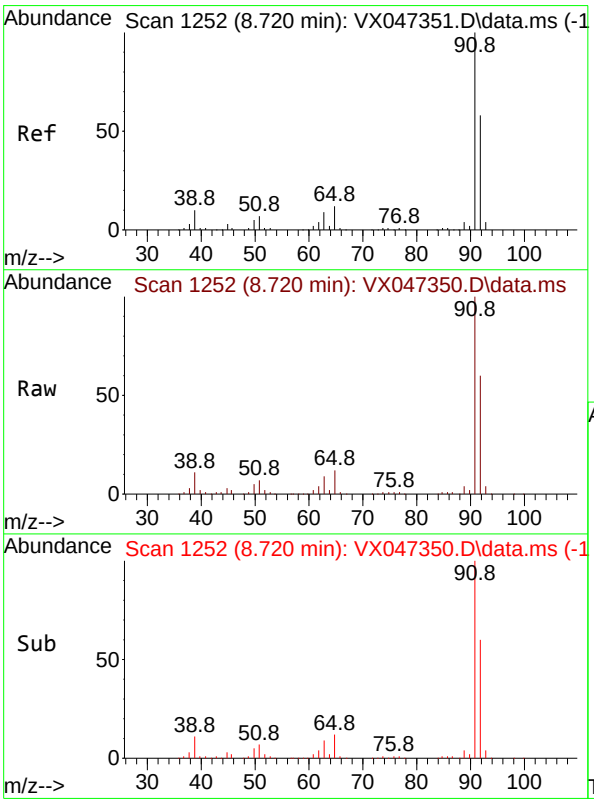
#51
4-Methyl-2-Pentanone
Concen: 109.039 ug/l
RT: 8.574 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 416671

Ion	Ratio	Lower	Upper
43	100		
58	38.9	31.2	46.8

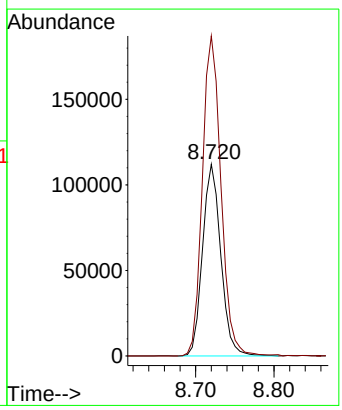


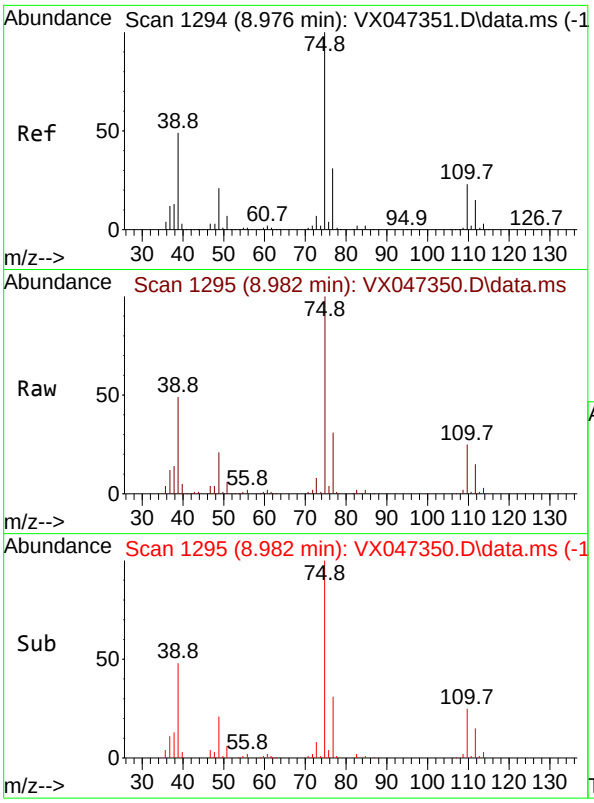


#52
Toluene
Concen: 22.024 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 92 Resp: 181368

Ion	Ratio	Lower	Upper
92	100		
91	170.3	136.3	204.5



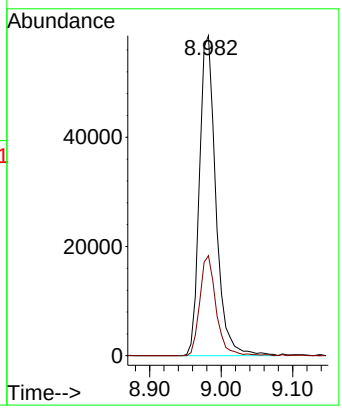


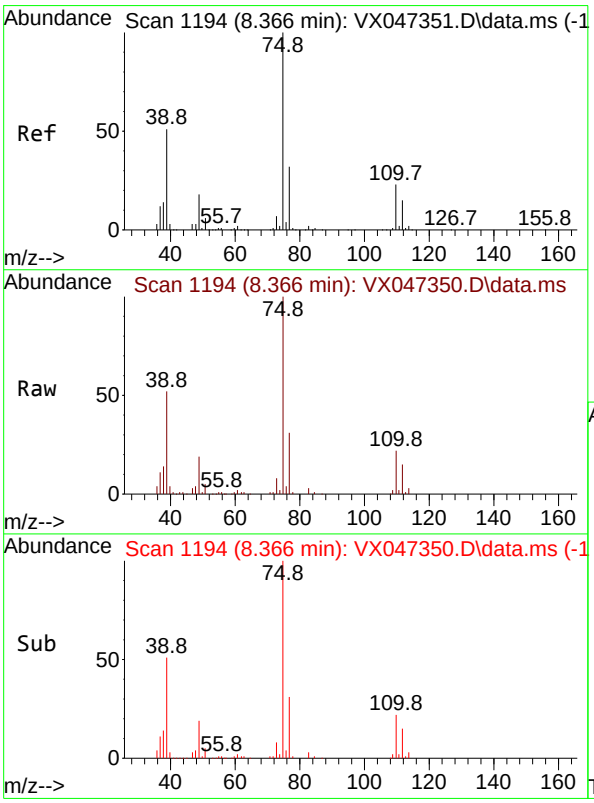
#53
t-1,3-Dichloropropene
Concen: 21.275 ug/l
RT: 8.982 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 93302

Ion	Ratio	Lower	Upper
75	100		
77	31.3	24.7	37.1

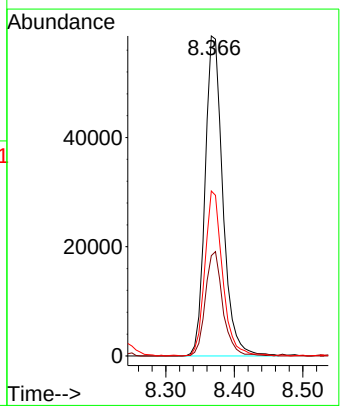


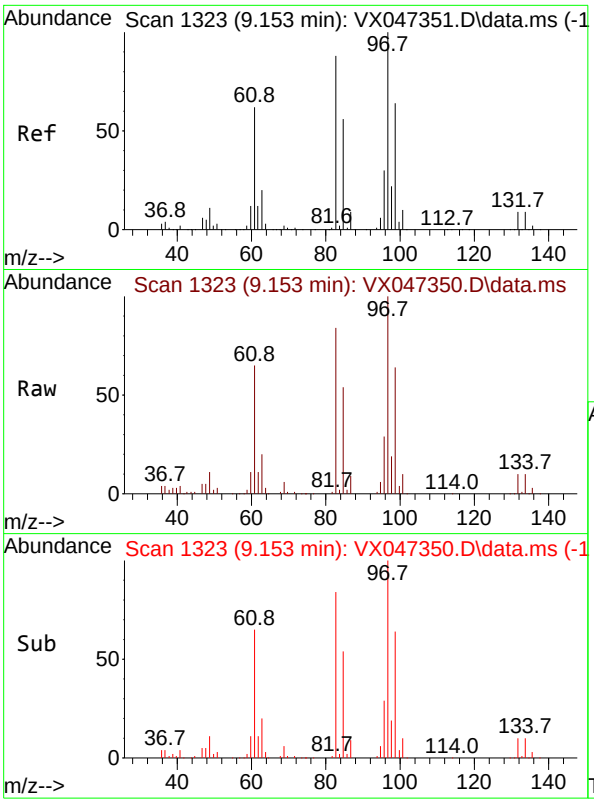


#54
cis-1,3-Dichloropropene
Concen: 21.294 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 75 Resp: 105701

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.6	38.4
39	51.4	40.9	61.3



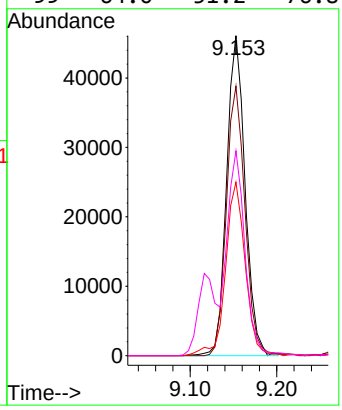


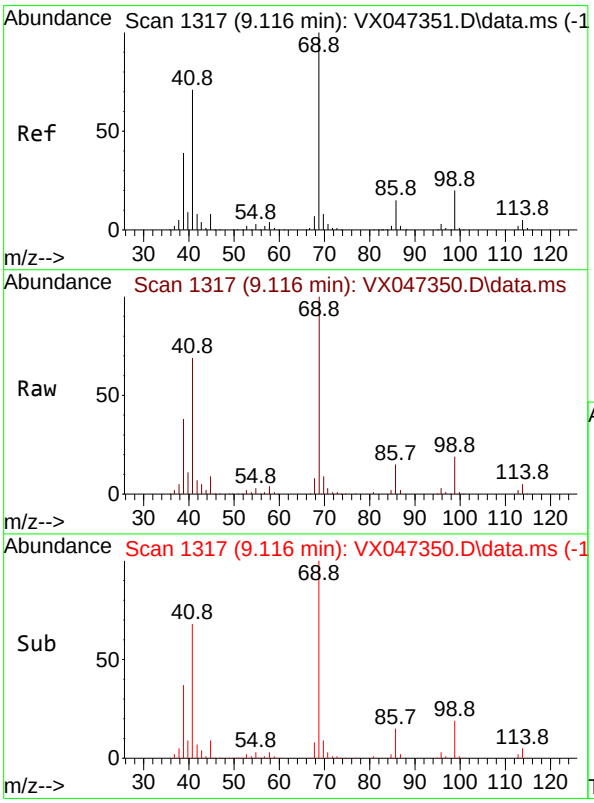
#55
1,1,2-Trichloroethane
Concen: 21.838 ug/l
RT: 9.153 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 97 Resp: 68282

Ion	Ratio	Lower	Upper
97	100		
83	84.2	70.6	106.0
85	54.2	44.7	67.1
99	64.0	51.2	76.8

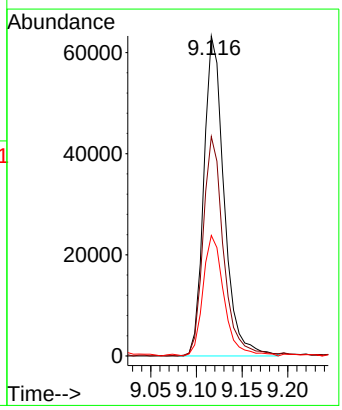


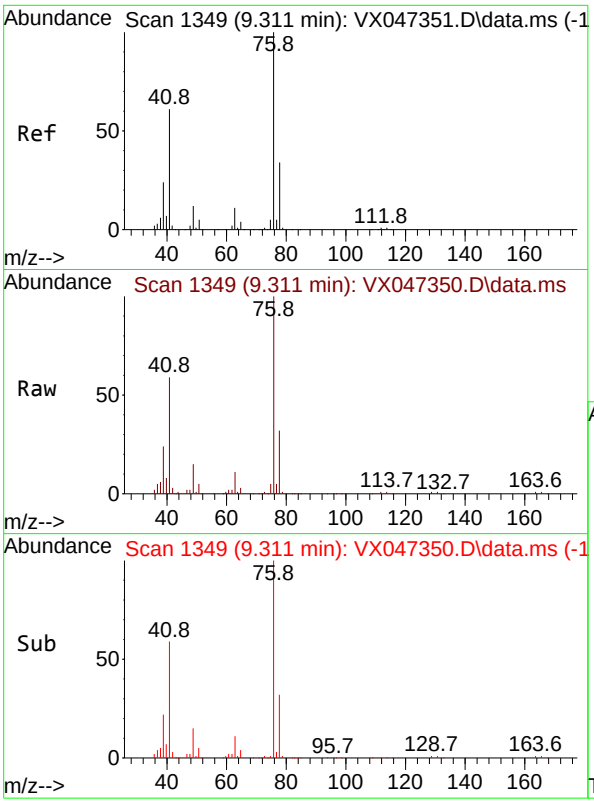


#56
Ethyl methacrylate
Concen: 21.188 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 69 Resp: 97675

Ion	Ratio	Lower	Upper
69	100		
41	68.9	55.3	82.9
39	39.0	30.2	45.2



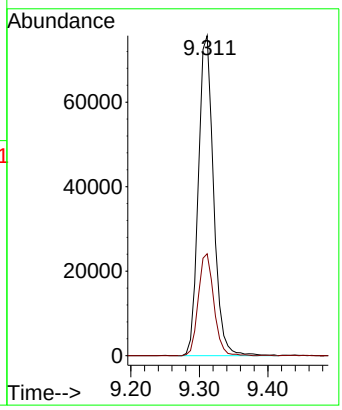


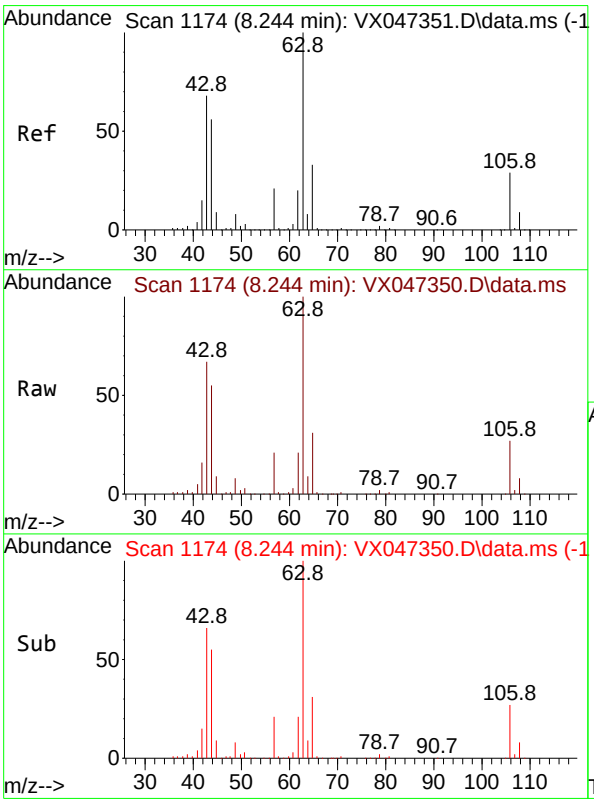
#57
1,3-Dichloropropane
Concen: 21.910 ug/l
RT: 9.311 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 116737

Ion	Ratio	Lower	Upper
76	100		
78	32.6	26.2	39.2

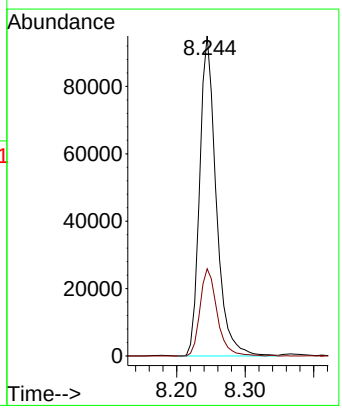


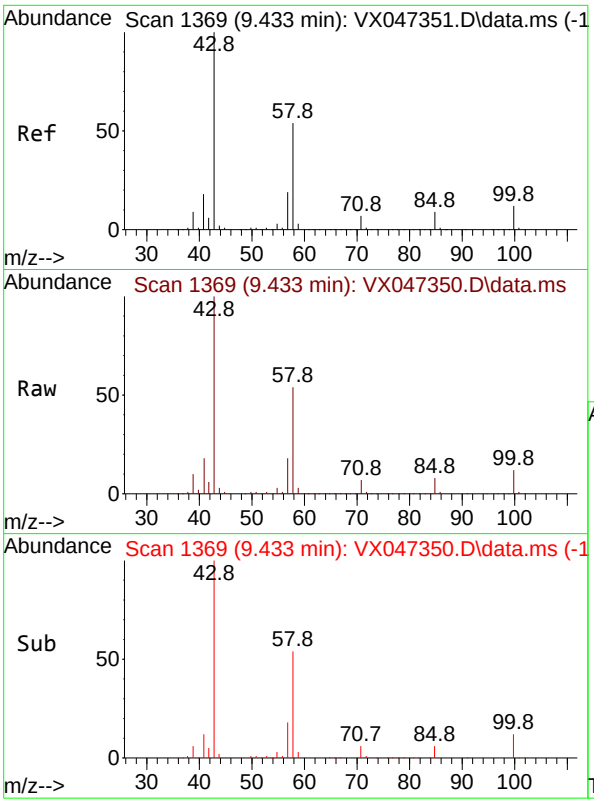


#58
2-Chloroethyl Vinyl ether
Concen: 78.521 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 63 Resp: 159793

Ion	Ratio	Lower	Upper
63	100		
106	28.0	22.8	34.2



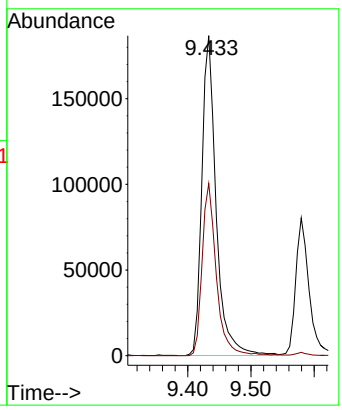


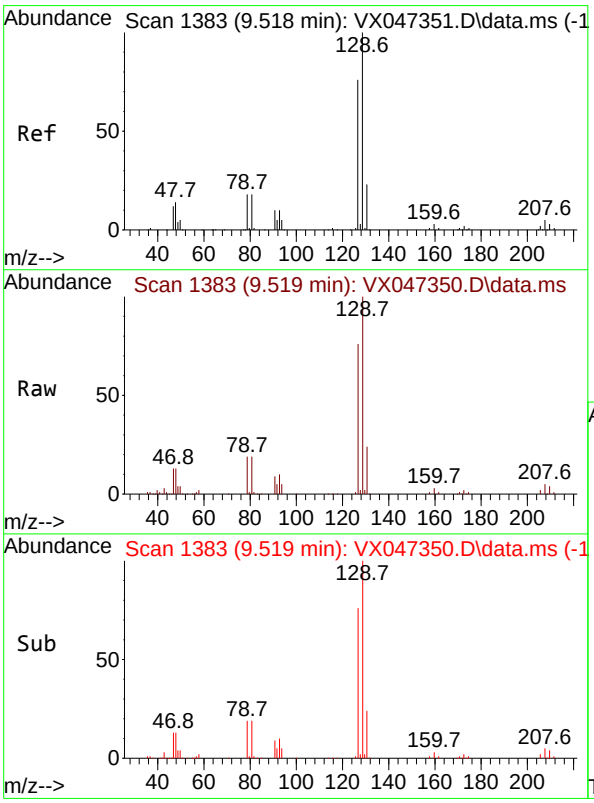
#59
2-Hexanone
Concen: 111.182 ug/l
RT: 9.433 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 293885

Ion	Ratio	Lower	Upper
43	100		
58	53.7	26.9	80.7

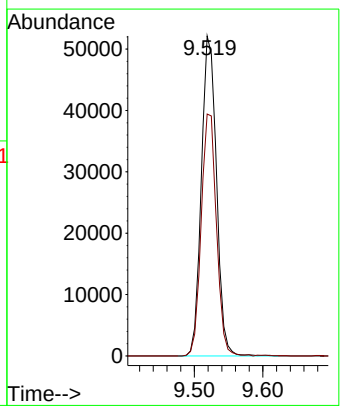


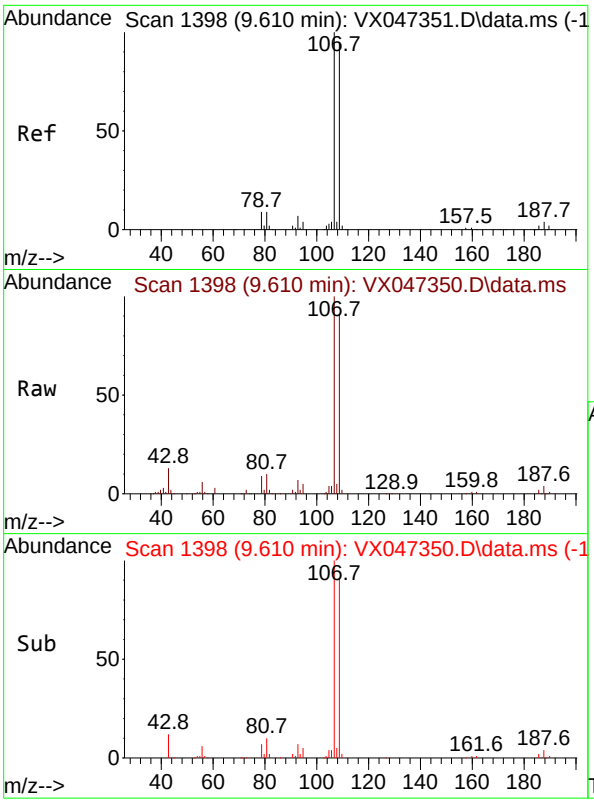


#60
Dibromochloromethane
Concen: 21.561 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion:129 Resp: 80119

Ion	Ratio	Lower	Upper
129	100		
127	76.2	38.9	116.6



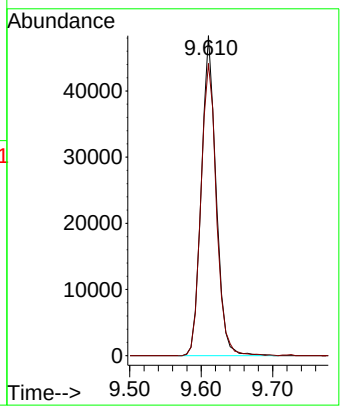


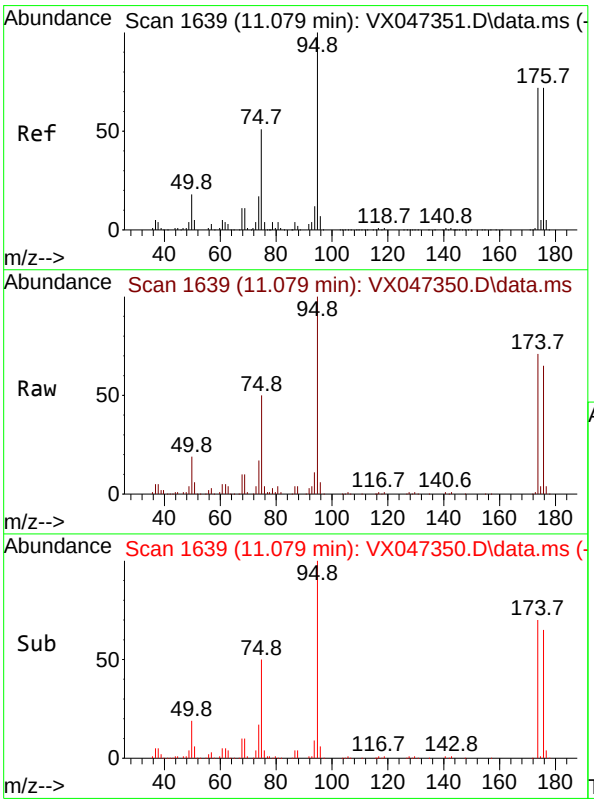
#61
1,2-Dibromoethane
Concen: 21.388 ug/l
RT: 9.610 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:107 Resp: 68961

Ion	Ratio	Lower	Upper
107	100		
109	96.3	76.2	114.2

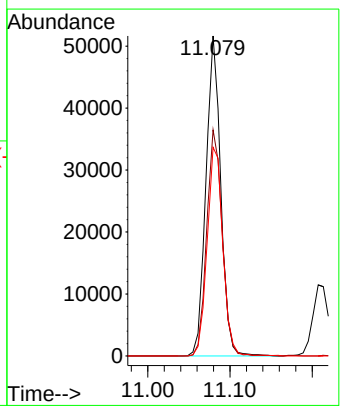


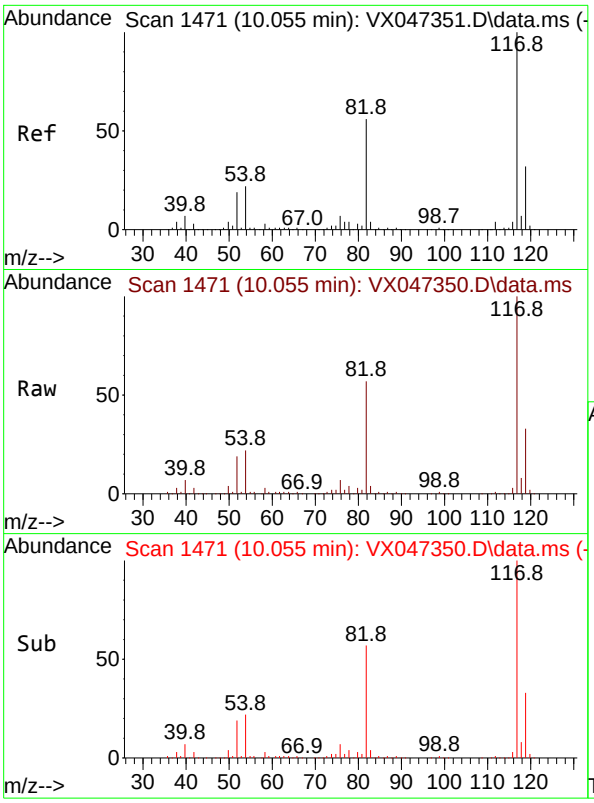


#62
4-Bromofluorobenzene
Concen: 17.320 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 95 Resp: 64433

Ion	Ratio	Lower	Upper
95	100		
174	73.9	0.0	148.0
176	69.1	0.0	145.4



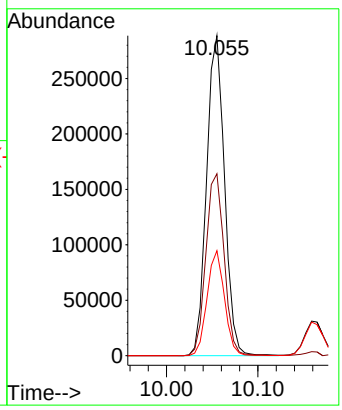


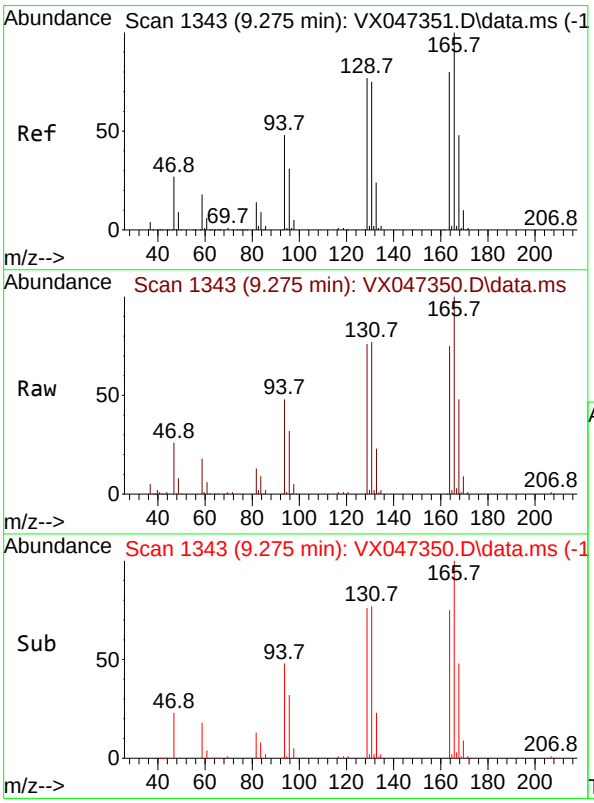
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:117 Resp: 392362

Ion	Ratio	Lower	Upper
117	100		
82	56.9	45.0	67.4
119	32.8	25.8	38.8

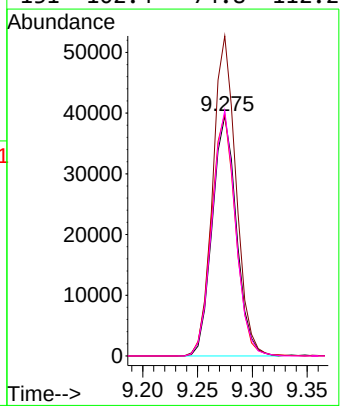


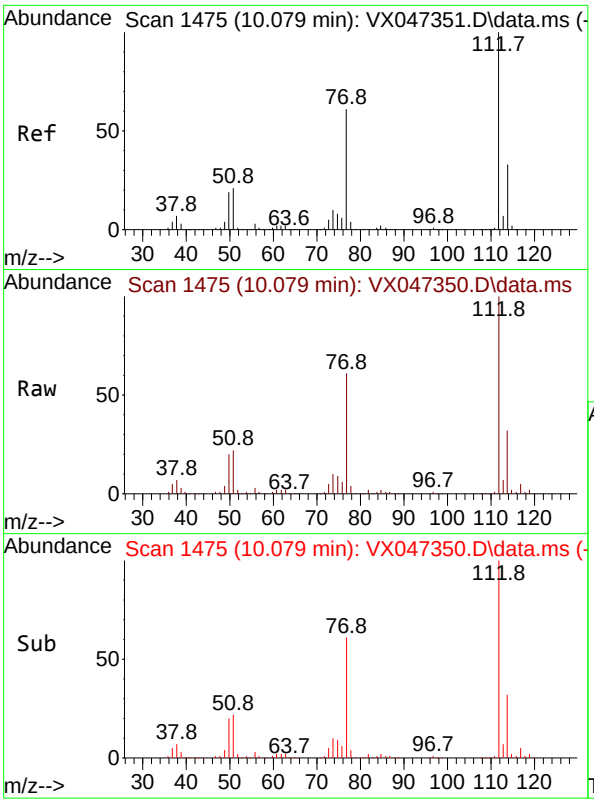


#64
Tetrachloroethene
Concen: 21.257 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion:164 Resp: 60329

Ion	Ratio	Lower	Upper
164	100		
166	133.4	100.3	150.5
129	101.0	77.7	116.5
131	102.4	74.8	112.2



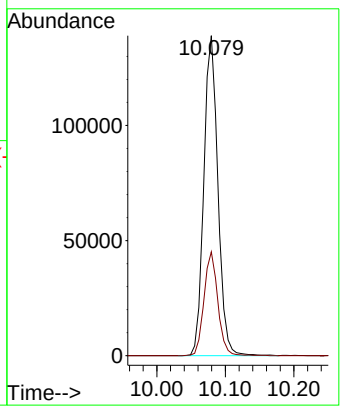


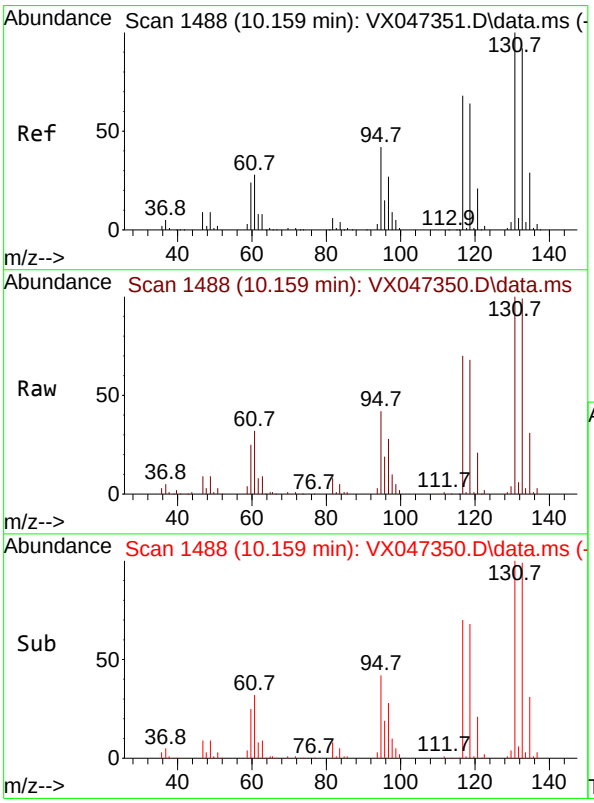
#65
Chlorobenzene
Concen: 21.342 ug/l
RT: 10.079 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:112 Resp: 198998

Ion	Ratio	Lower	Upper
112	100		
114	32.4	26.4	39.6

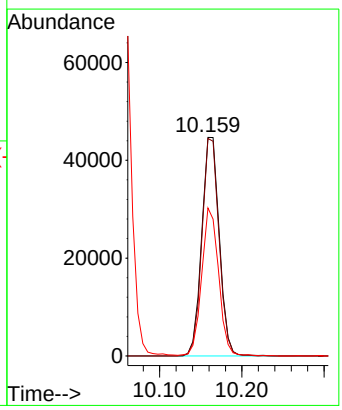


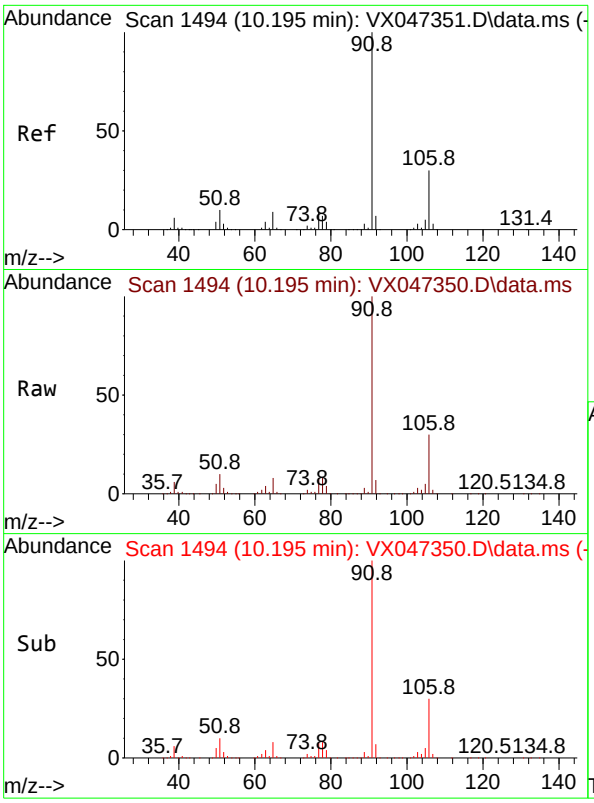


#66
1,1,1,2-Tetrachloroethane
Concen: 21.056 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion:131 Resp: 66366

Ion	Ratio	Lower	Upper
131	100		
133	96.5	47.6	142.9
119	65.4	32.3	96.8



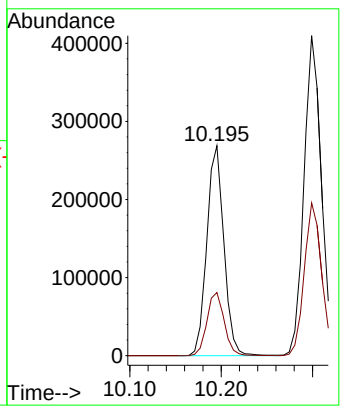


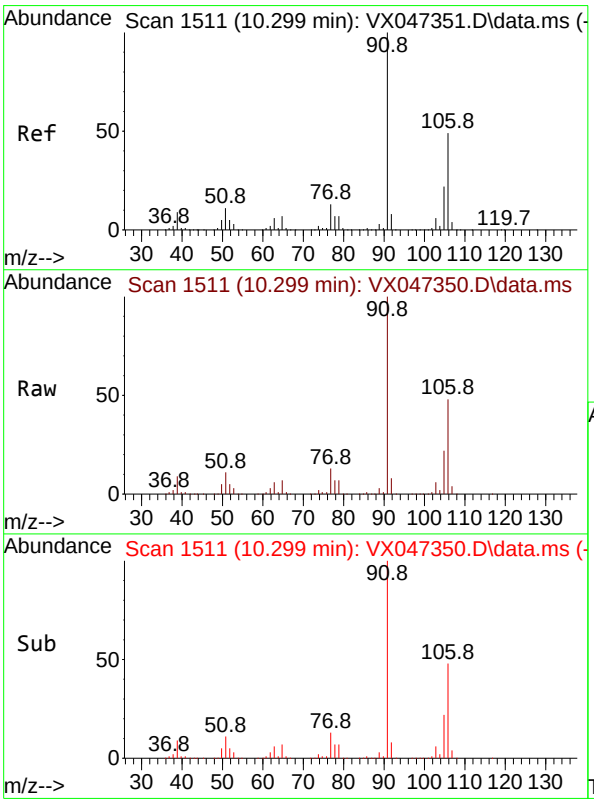
#67
Ethyl Benzene
Concen: 21.675 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 347834

Ion	Ratio	Lower	Upper
91	100		
106	30.1	24.4	36.6

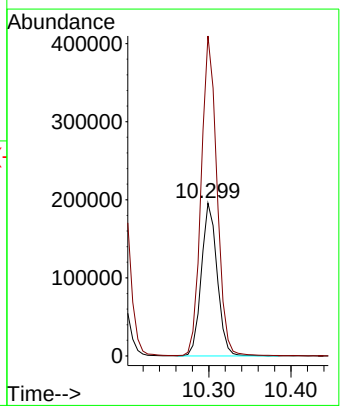


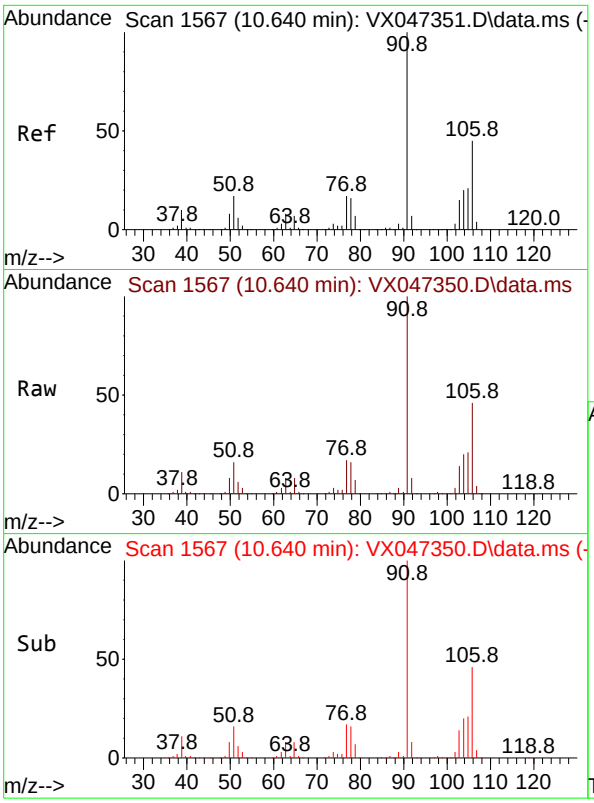


#68
m/p-Xylenes
Concen: 43.608 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion:106 Resp: 260945

Ion	Ratio	Lower	Upper
106	100		
91	209.5	164.7	247.1



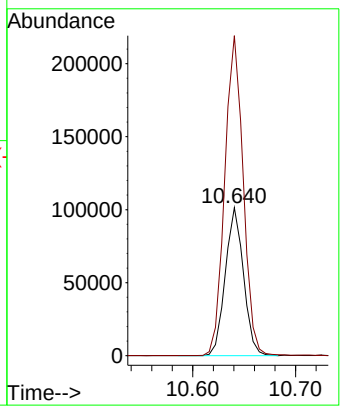


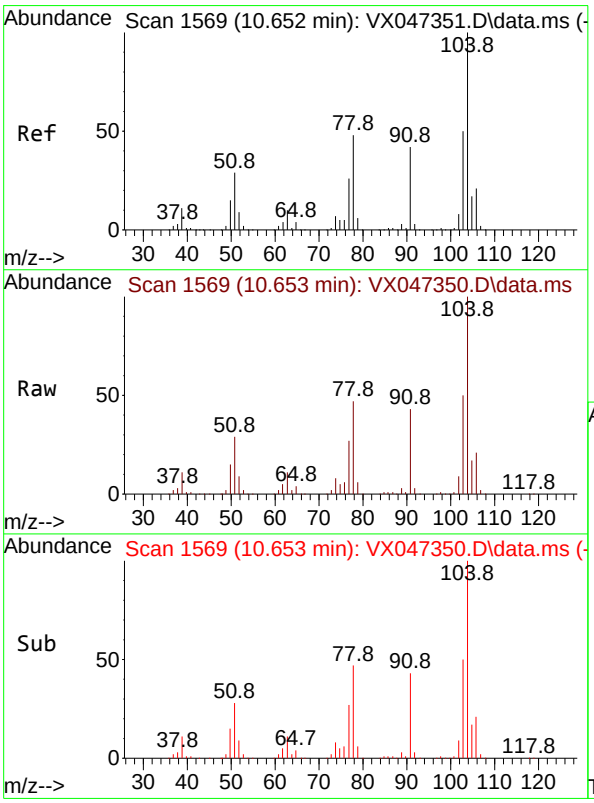
#69
o-Xylene
Concen: 21.606 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 124422

Ion	Ratio	Lower	Upper
106	100		
91	219.7	110.6	331.8

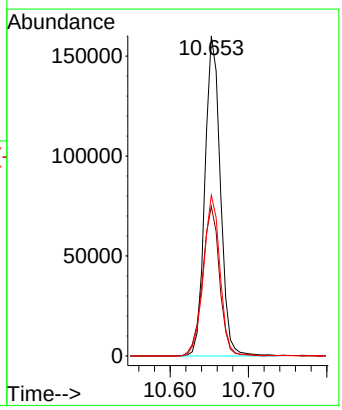


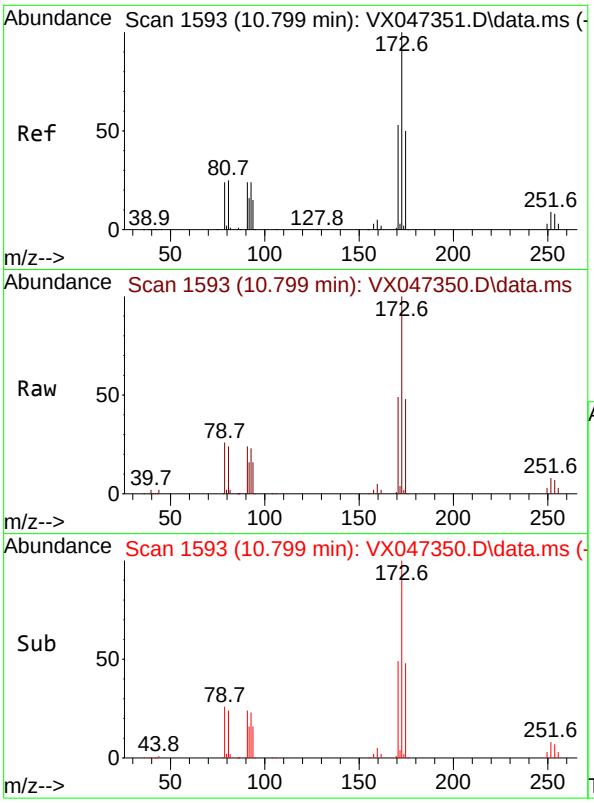


#70
Styrene
Concen: 22.540 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion:104 Resp: 219310

Ion	Ratio	Lower	Upper
104	100		
78	51.4	41.8	62.8
103	53.6	43.6	65.4



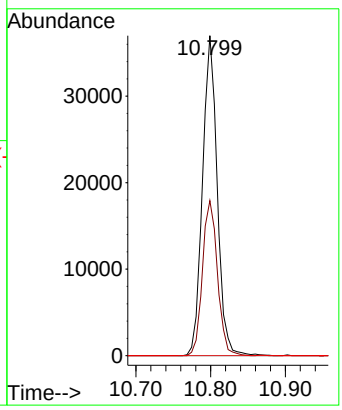


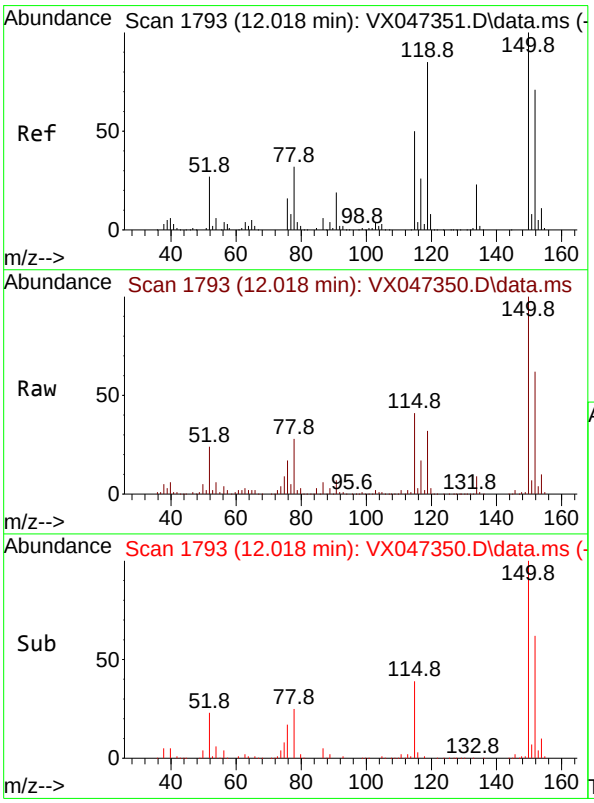
#71
Bromoform
Concen: 21.335 ug/l
RT: 10.799 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:173 Resp: 50519

Ion	Ratio	Lower	Upper
173	100		
175	49.4	24.4	73.4
254	0.0	0.1	0.1#

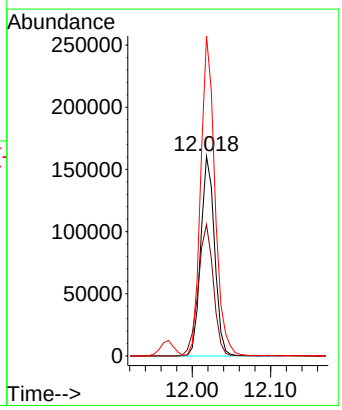


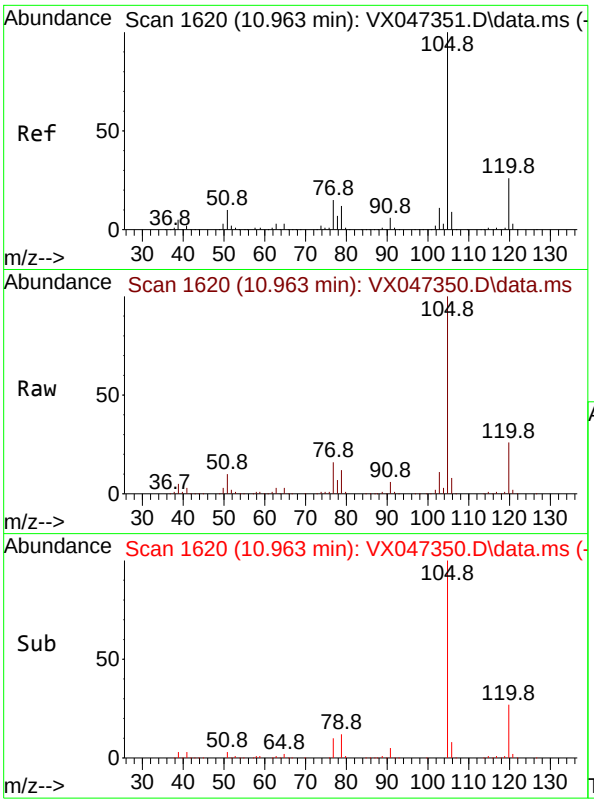


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion:152 Resp: 196732

Ion	Ratio	Lower	Upper
152	100		
115	72.6	44.6	133.8
150	164.5	0.0	349.8



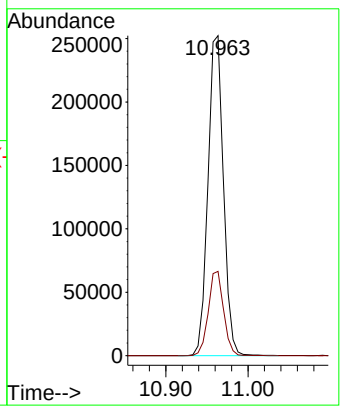


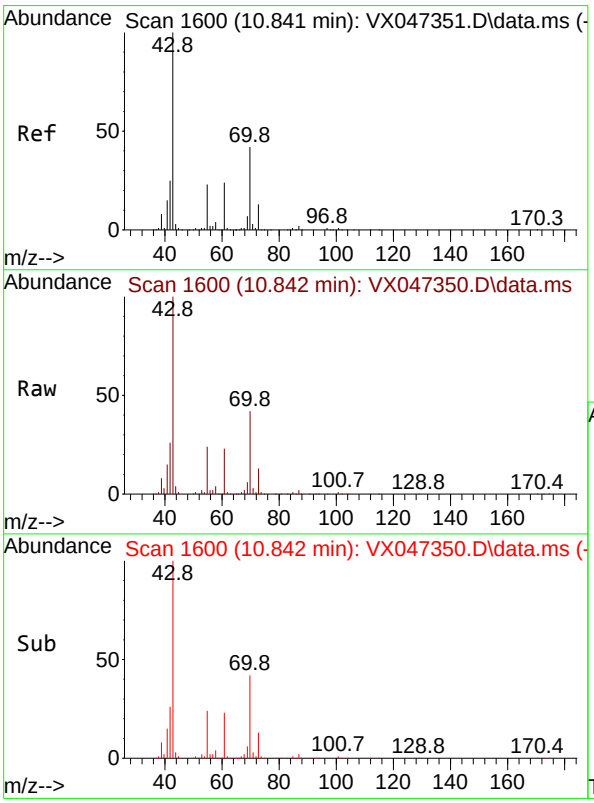
#73
Isopropylbenzene
Concen: 21.425 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 329846

Ion	Ratio	Lower	Upper
105	100		
120	26.1	12.9	38.6

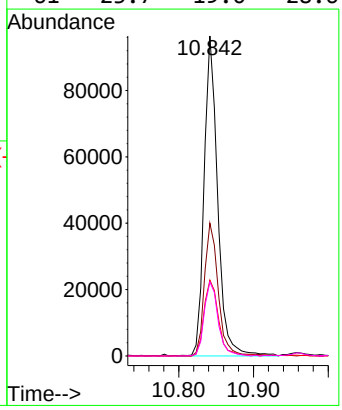


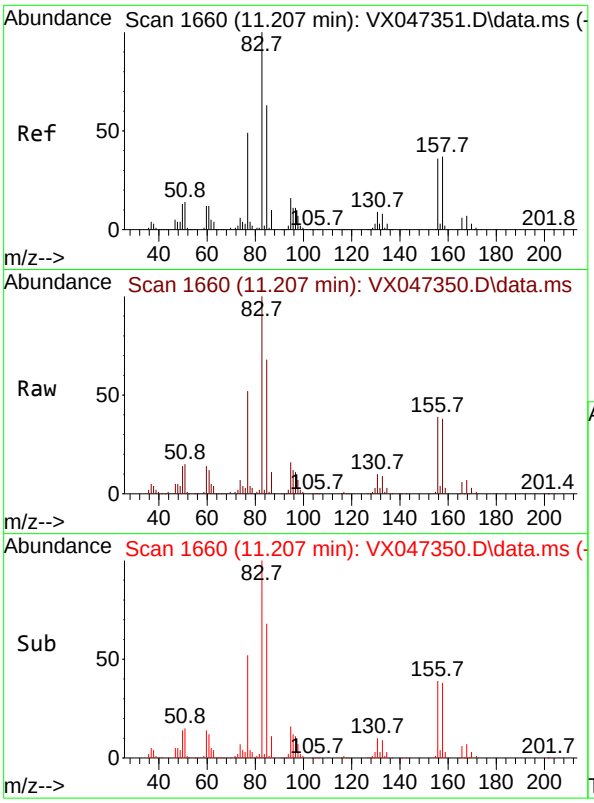


#74
N-amyl acetate
Concen: 20.717 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 43 Resp: 121116

Ion	Ratio	Lower	Upper
43	100		
70	42.8	33.1	49.7
55	25.4	19.0	28.6
61	23.7	19.0	28.6



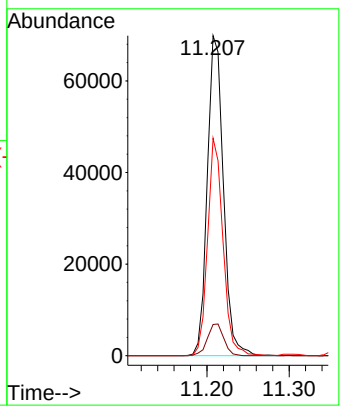


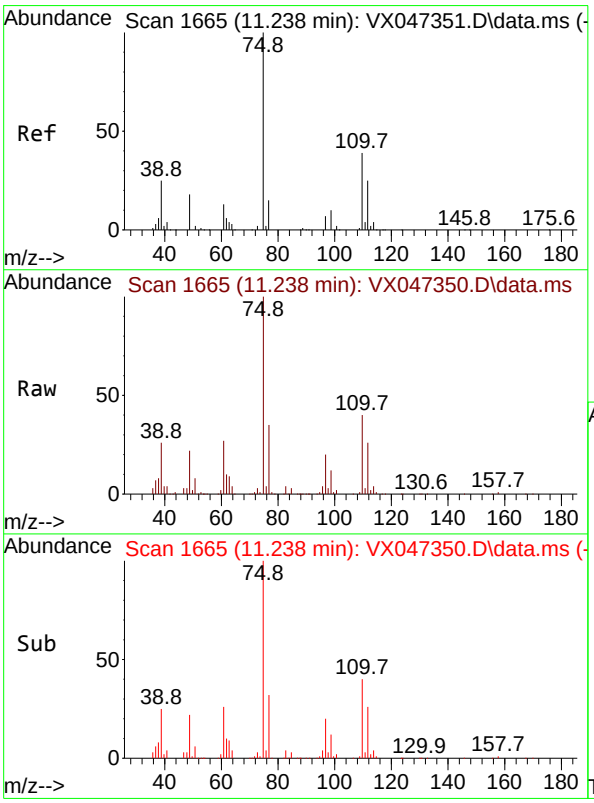
#75
1,1,2,2-Tetrachloroethane
Concen: 21.039 ug/l
RT: 11.207 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 95098

Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.0	15.0
85	64.8	31.7	95.1

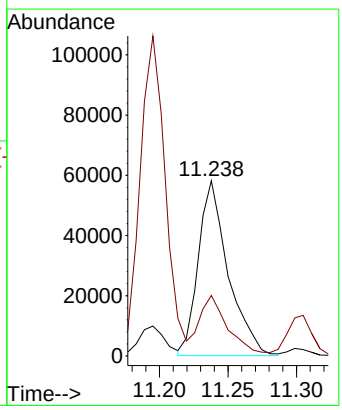


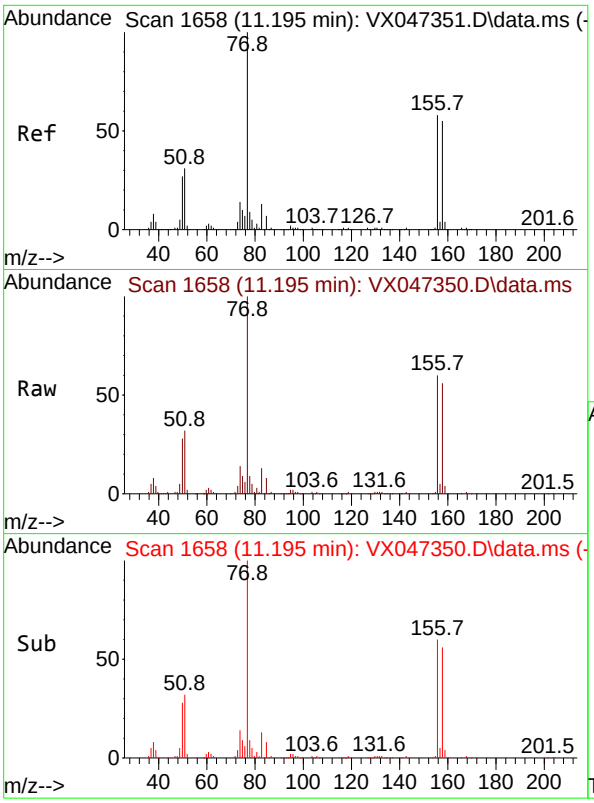


#76
1,2,3-Trichloropropane
Concen: 24.486 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 75 Resp: 88351

Ion	Ratio	Lower	Upper
75	100		
77	33.5	19.4	58.2



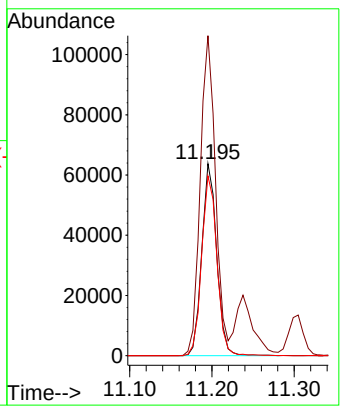


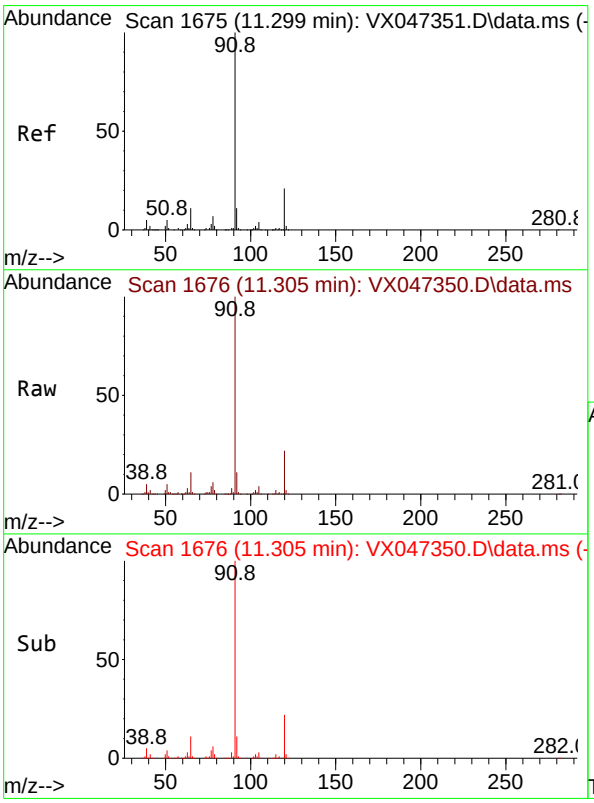
#77
Bromobenzene
Concen: 21.298 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:156 Resp: 80066

Ion	Ratio	Lower	Upper
156	100		
77	170.5	86.3	258.9
158	96.2	48.0	144.2

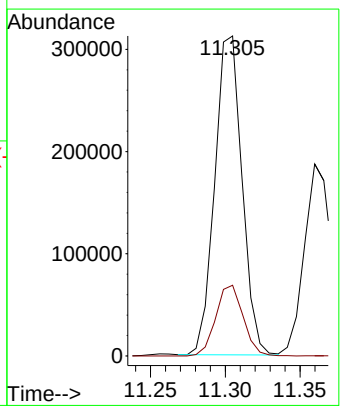


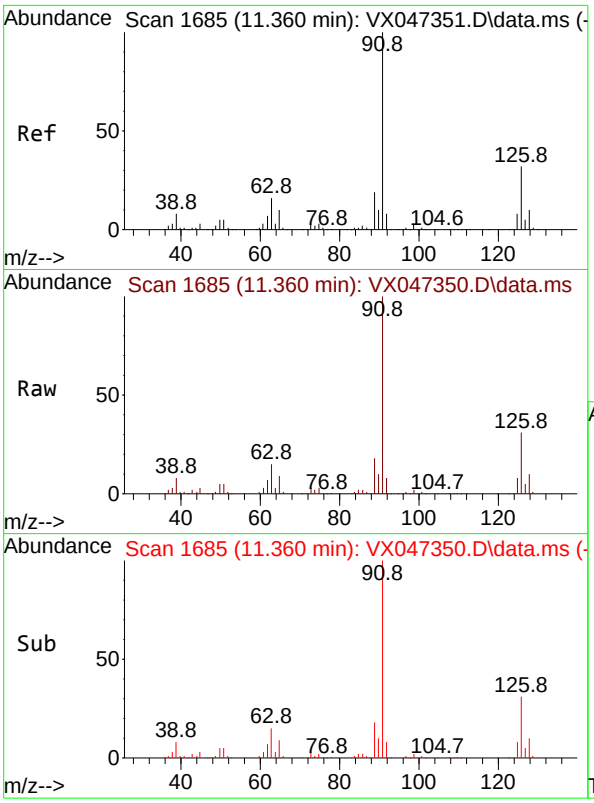


#78
n-propylbenzene
Concen: 21.531 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 91 Resp: 395888

Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.0	33.0



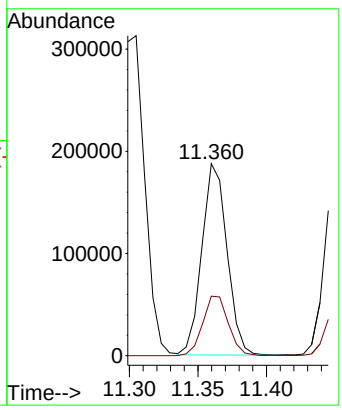


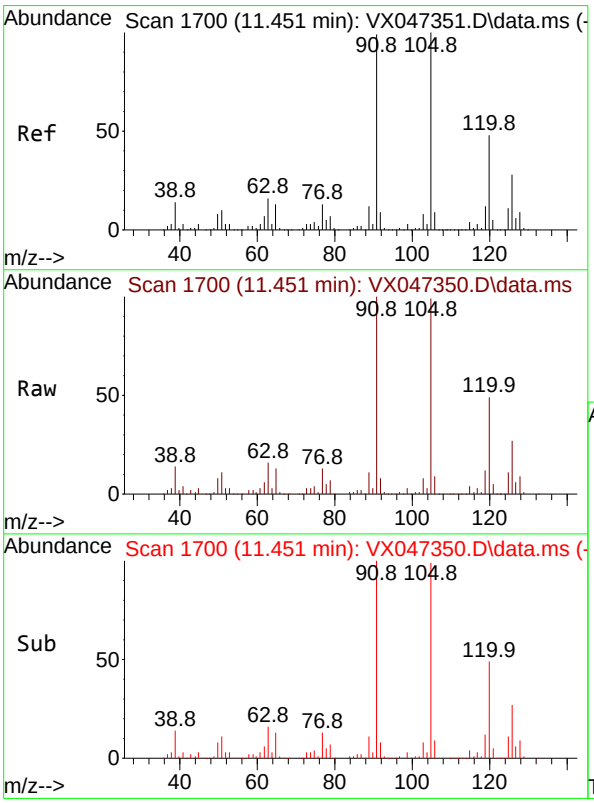
#79
2-Chlorotoluene
Concen: 21.515 ug/l
RT: 11.360 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 239133

Ion	Ratio	Lower	Upper
91	100		
126	31.8	16.7	50.1

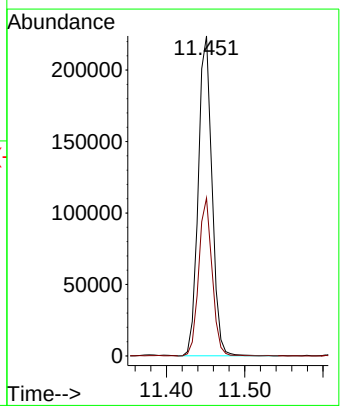


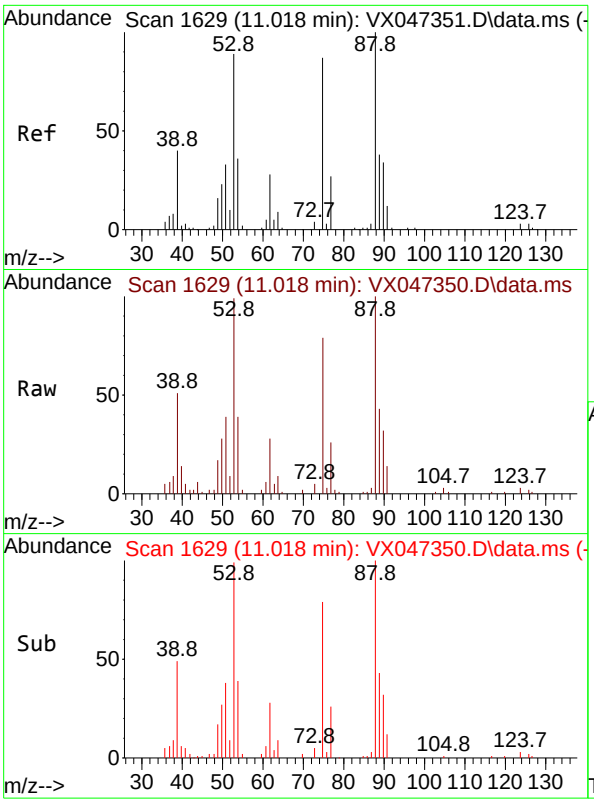


#80
1,3,5-Trimethylbenzene
Concen: 21.513 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion:105 Resp: 272501

Ion	Ratio	Lower	Upper
105	100		
120	48.1	23.9	71.7



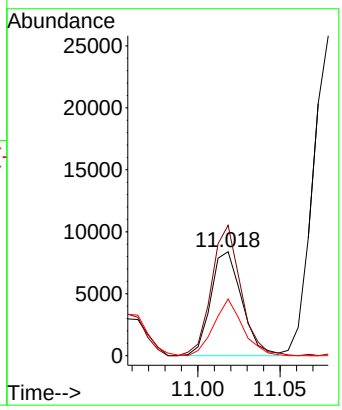


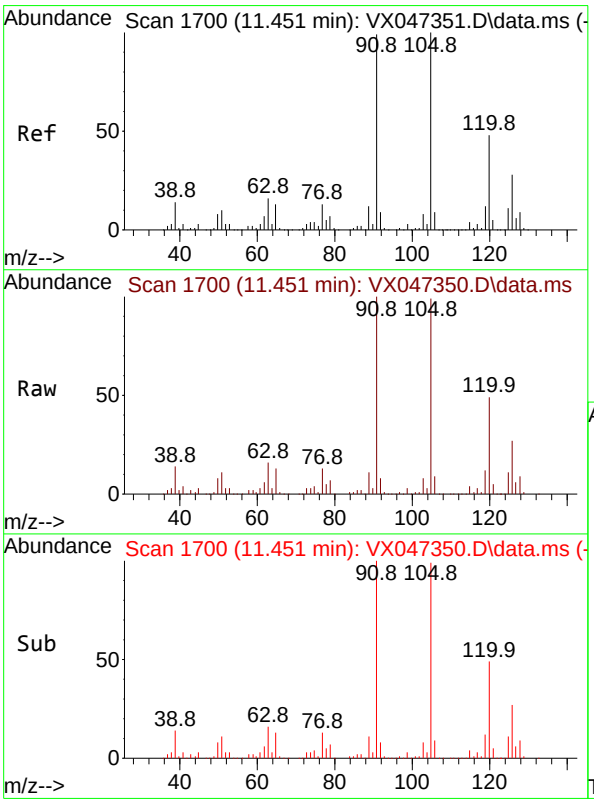
#81
trans-1,4-Dichloro-2-butene
Concen: 19.090 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 11057

Ion	Ratio	Lower	Upper
75	100		
53	118.2	85.2	127.8
89	50.5	36.7	55.1

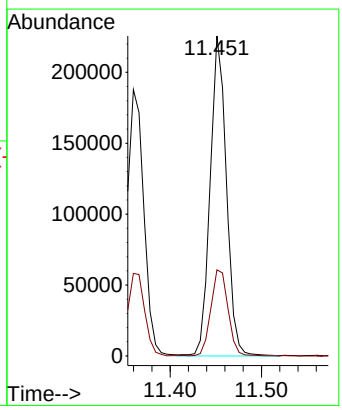


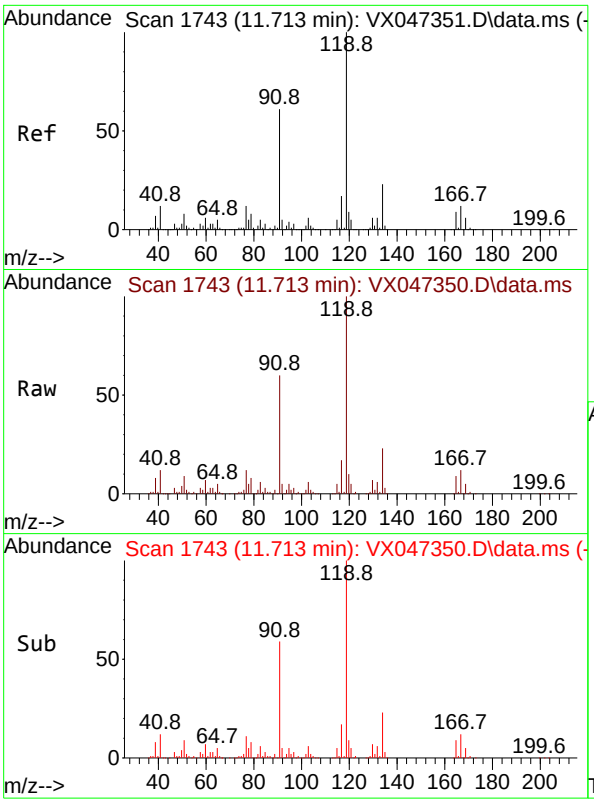


#82
4-Chlorotoluene
Concen: 21.272 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 91 Resp: 278705

Ion	Ratio	Lower	Upper
91	100		
126	28.3	14.4	43.0



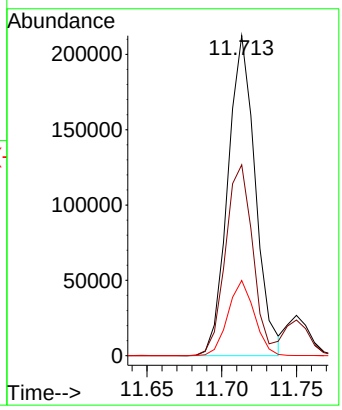


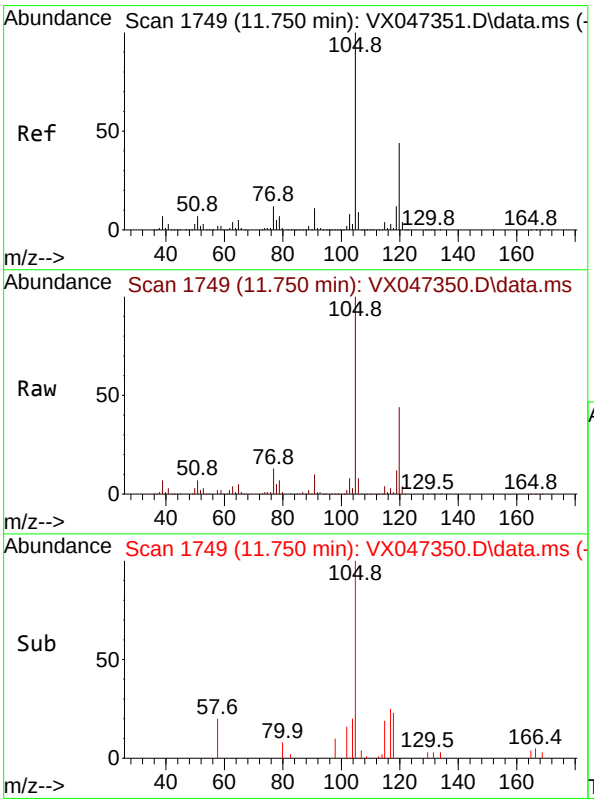
#83
tert-Butylbenzene
Concen: 21.487 ug/l
RT: 11.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:119 Resp: 271541

Ion	Ratio	Lower	Upper
119	100		
91	59.0	29.1	87.4
134	22.6	11.3	33.9

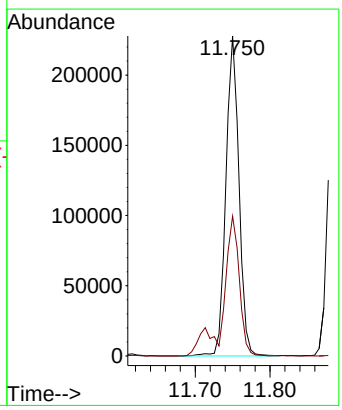


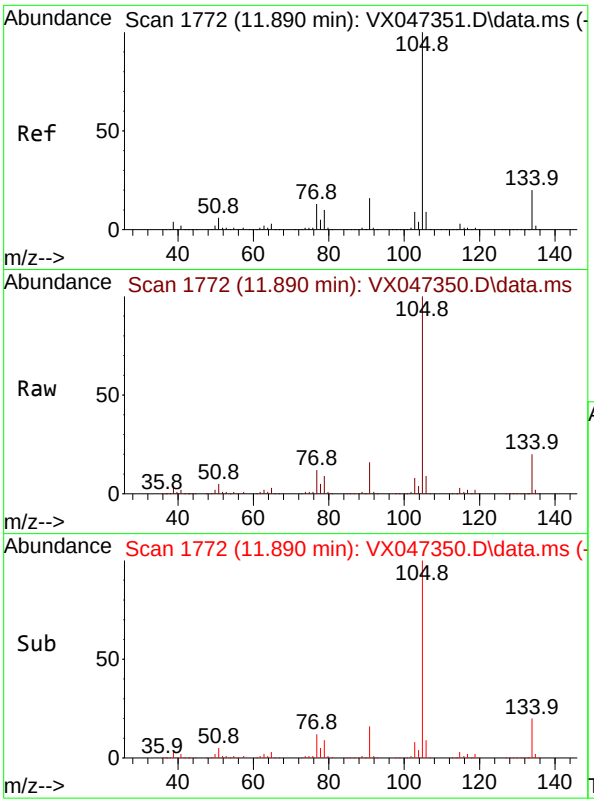


#84
1,2,4-Trimethylbenzene
Concen: 21.876 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion:105 Resp: 277110

Ion	Ratio	Lower	Upper
105	100		
120	43.5	21.9	65.7



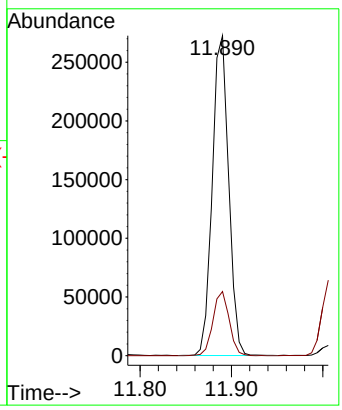


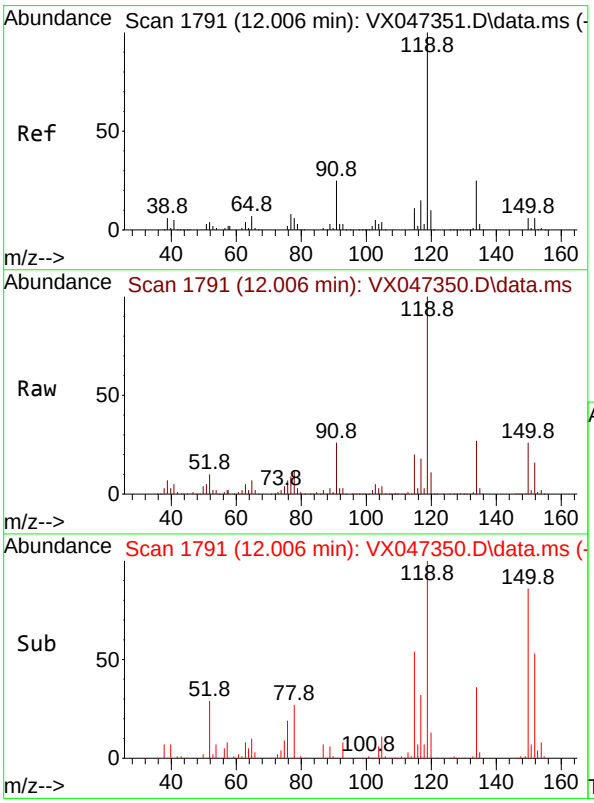
#85
sec-Butylbenzene
Concen: 21.719 ug/l
RT: 11.890 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 340203

Ion	Ratio	Lower	Upper
105	100		
134	20.0	9.8	29.5

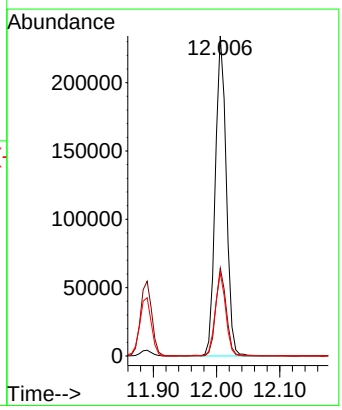


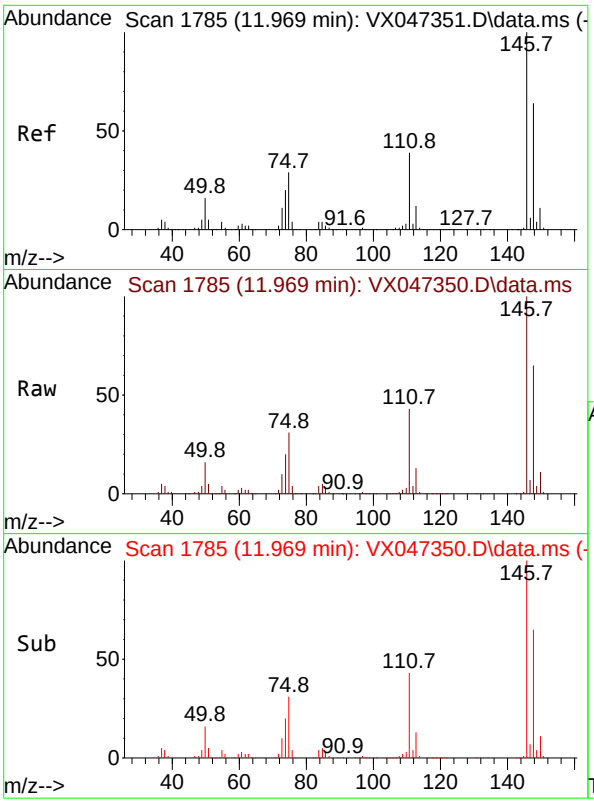


#86
p-Isopropyltoluene
Concen: 21.189 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion:119 Resp: 280855

Ion	Ratio	Lower	Upper
119	100		
134	26.3	12.8	38.4
91	24.9	12.4	37.4



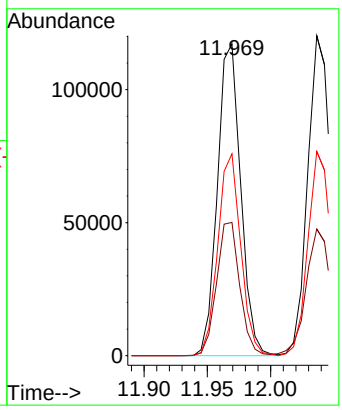


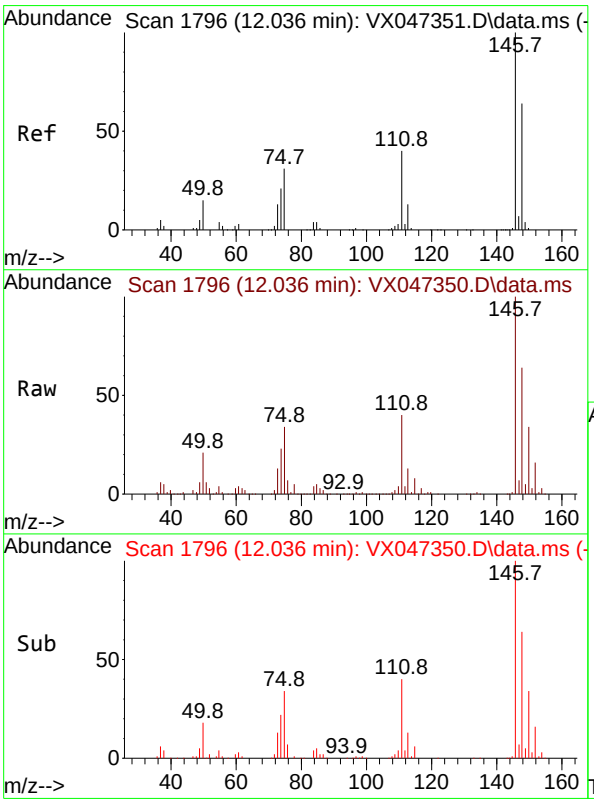
#87
1,3-Dichlorobenzene
Concen: 20.890 ug/l
RT: 11.969 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 150028

Ion	Ratio	Lower	Upper
146	100		
111	42.6	20.6	61.8
148	63.7	31.9	95.5

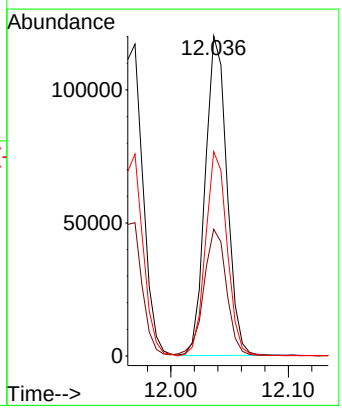


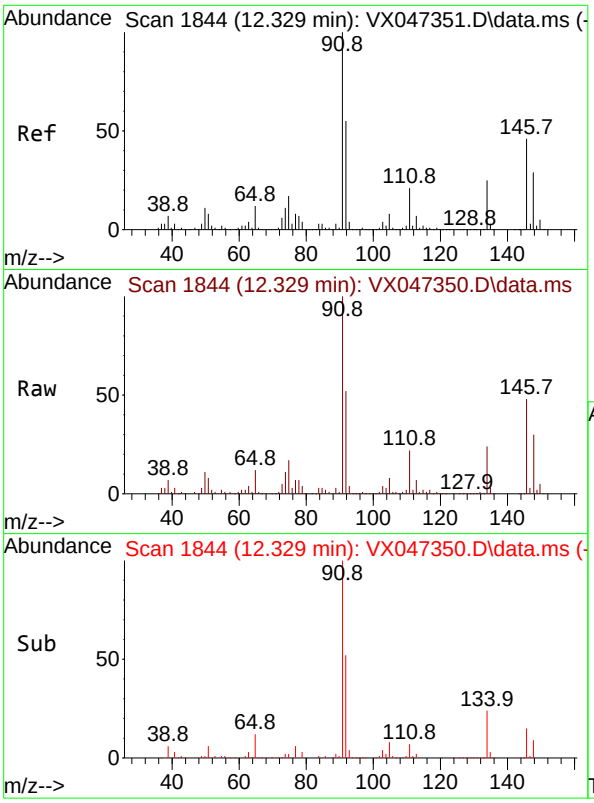


#88
1,4-Dichlorobenzene
Concen: 20.798 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion:146 Resp: 153630

Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.4	61.2
148	64.2	31.7	95.1



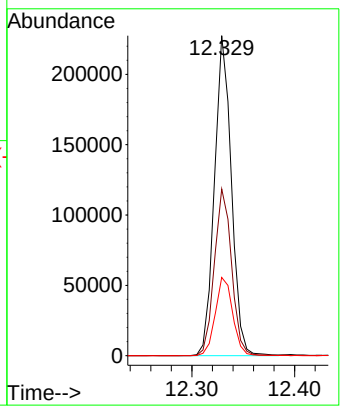


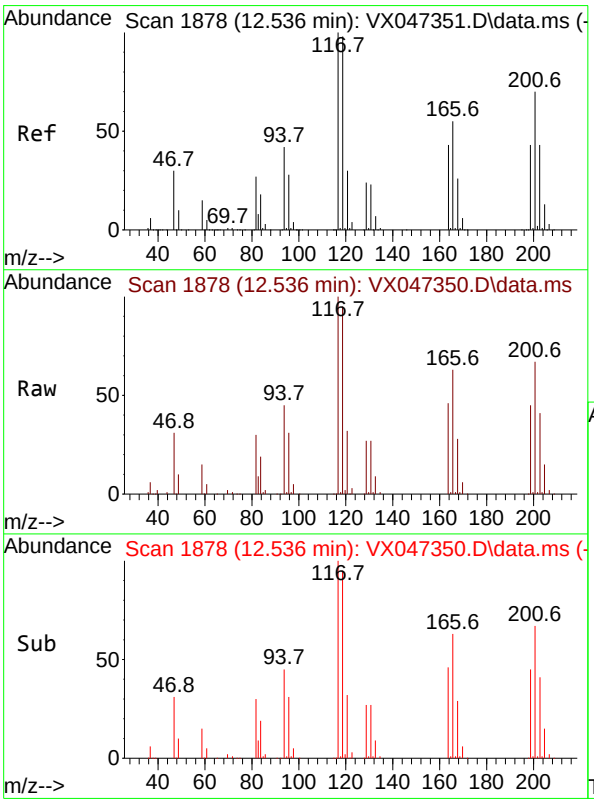
#89
n-Butylbenzene
Concen: 21.124 ug/l
RT: 12.329 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 260428

Ion	Ratio	Lower	Upper
91	100		
92	53.1	27.2	81.5
134	25.3	12.6	37.8

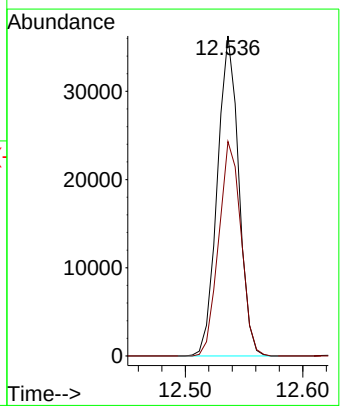


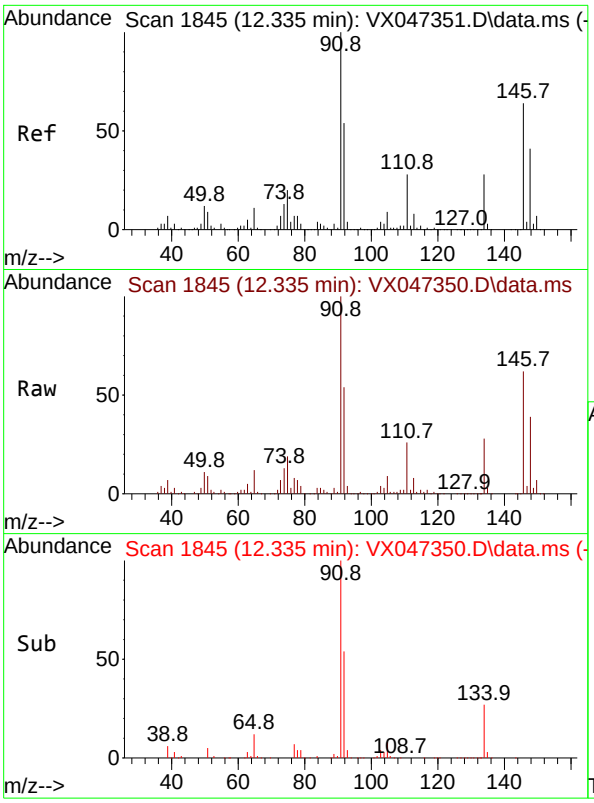


#90
Hexachloroethane
Concen: 19.754 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion:117 Resp: 45934

Ion	Ratio	Lower	Upper
117	100		
201	69.8	35.1	105.3



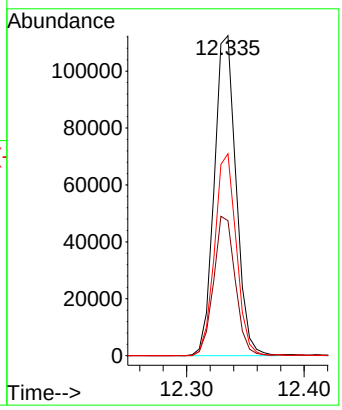


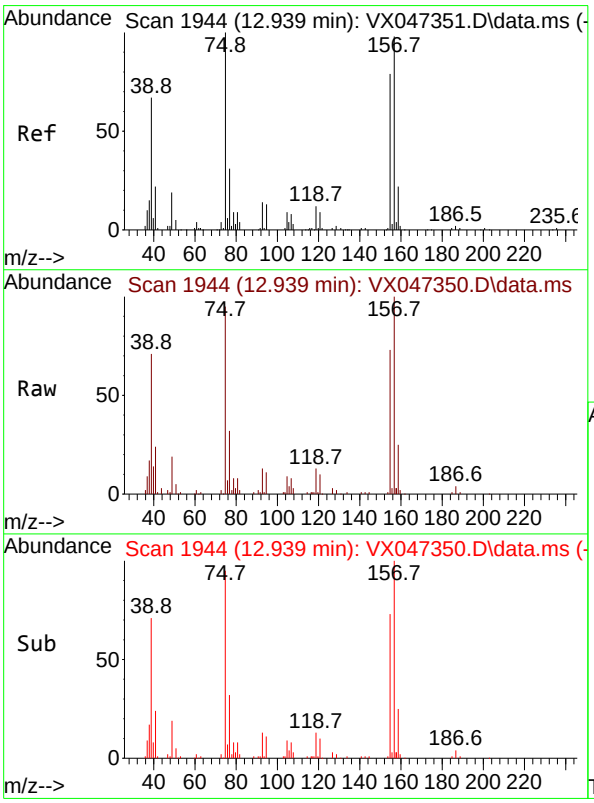
#91
1,2-Dichlorobenzene
Concen: 21.363 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 145629

Ion	Ratio	Lower	Upper
146	100		
111	43.3	22.1	66.1
148	62.6	31.9	95.5

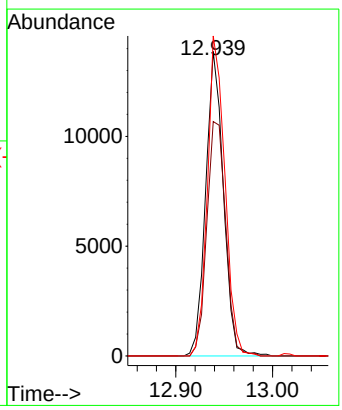


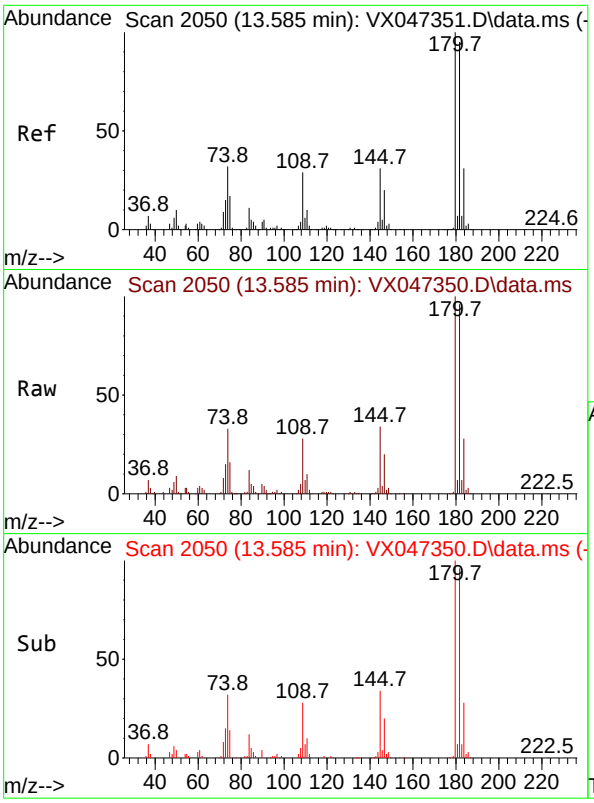


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.246 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 75 Resp: 17698

Ion	Ratio	Lower	Upper
75	100		
155	82.3	41.3	123.7
157	103.6	51.5	154.5



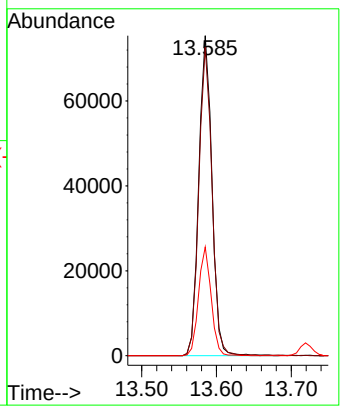


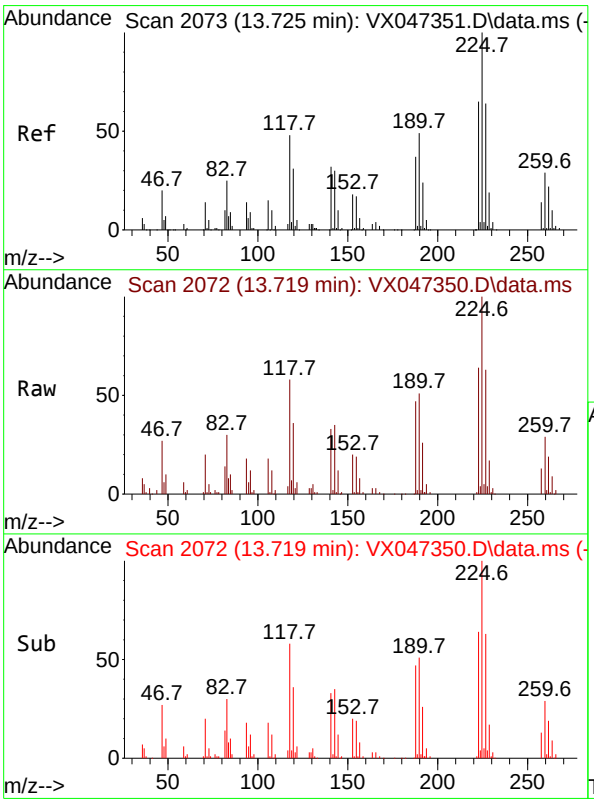
#93
1,2,4-Trichlorobenzene
Concen: 20.105 ug/l
RT: 13.585 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:180 Resp: 91878

Ion	Ratio	Lower	Upper
180	100		
182	96.4	48.1	144.4
145	32.6	16.2	48.5

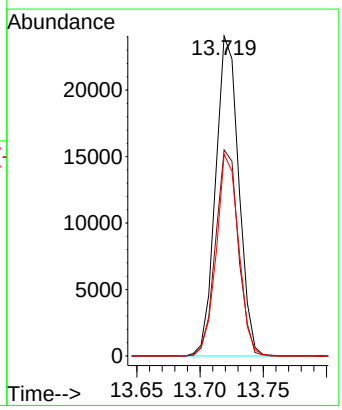


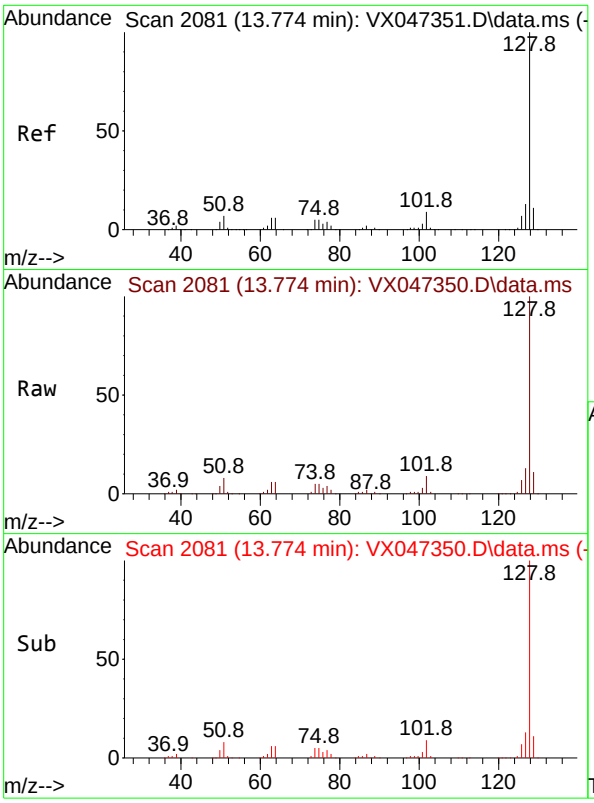


#94
Hexachlorobutadiene
Concen: 18.738 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion:225 Resp: 30481

Ion	Ratio	Lower	Upper
225	100		
223	63.5	32.2	96.6
227	60.9	31.6	95.0



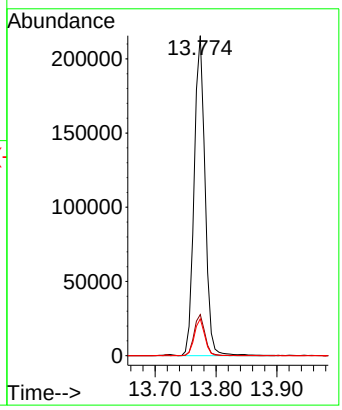


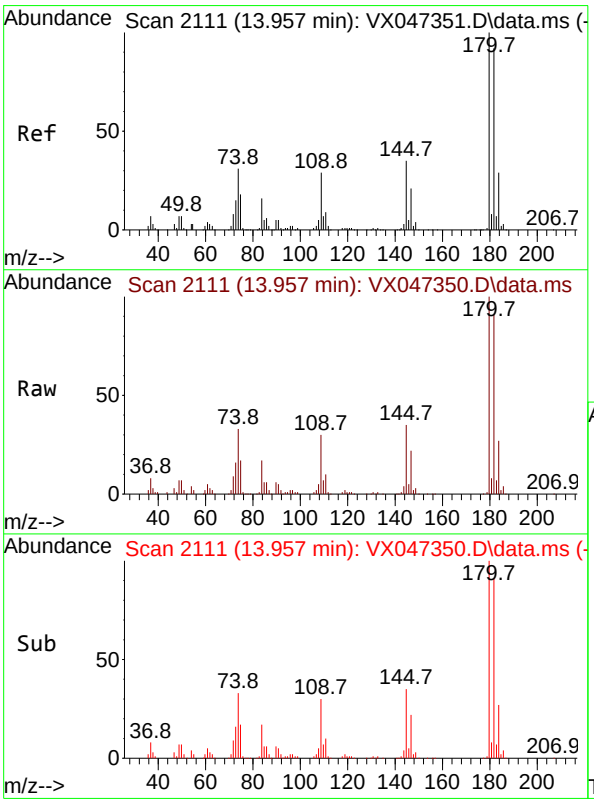
#95
Naphthalene
Concen: 20.495 ug/l
RT: 13.774 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:128 Resp: 267664

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.1	15.1
129	11.0	8.7	13.1

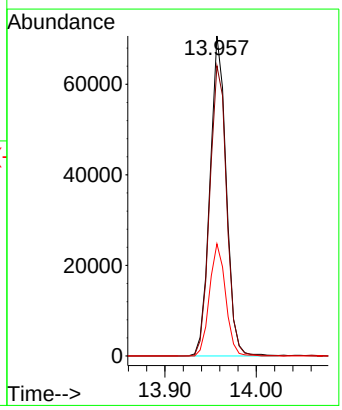




#96
1,2,3-Trichlorobenzene
Concen: 20.261 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion:180 Resp: 87275

Ion	Ratio	Lower	Upper
180	100		
182	93.8	48.0	144.2
145	34.6	17.4	52.2



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047351.D
Acq On : 15 Aug 2025 10:22
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Quant Time: Aug 18 02:53:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 02:51:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.568	168	238847	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	405572	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	363128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	177366	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	167238	50.030	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.060%			
35) Dibromofluoromethane	5.397	113	134437	51.074	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.140%			
50) Toluene-d8	8.653	98	475041	50.492	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.980%			
62) 4-Bromofluorobenzene	11.079	95	173764	50.050	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.100%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	174629	57.354	ug/l	100
3) Chloromethane	1.313	50	148962	54.385	ug/l	100
4) Vinyl Chloride	1.392	62	191163	55.604	ug/l	100
5) Bromomethane	1.630	94	80221	57.770	ug/l	100
6) Chloroethane	1.709	64	110475	52.521	ug/l	100
7) Trichlorofluoromethane	1.904	101	283655	55.781	ug/l	100
8) Diethyl Ether	2.148	74	99184	55.393	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.349	101	166491	56.441	ug/l	100
10) Methyl Iodide	2.471	142	277741	54.943	ug/l	100
11) Tert butyl alcohol	2.959	59	81382	279.856	ug/l	100
12) 1,1-Dichloroethene	2.337	96	166359	55.319	ug/l	100
13) Acrolein	2.251	56	157735	256.954	ug/l	100
14) Allyl chloride	2.678	41	289338	55.394	ug/l	100
15) Acrylonitrile	3.081	53	405784	288.775	ug/l	100
16) Acetone	2.392	43	334538	266.252	ug/l	100
17) Carbon Disulfide	2.532	76	476020	52.455	ug/l	100
18) Methyl Acetate	2.715	43	183721	56.425	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	519477	56.782	ug/l	100
20) Methylene Chloride	2.806	84	180921	54.377	ug/l	100
21) trans-1,2-Dichloroethene	3.105	96	173226	54.272	ug/l	100
22) Diisopropyl ether	3.776	45	587571	56.909	ug/l	100
23) Vinyl Acetate	3.733	43	2436350	287.897	ug/l	100
24) 1,1-Dichloroethane	3.623	63	323982	55.516	ug/l	100
25) 2-Butanone	4.568	43	464136	282.051	ug/l	100
26) 2,2-Dichloropropane	4.495	77	242859	55.137	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	202109	54.366	ug/l	100
28) Bromochloromethane	4.910	49	129079	53.153	ug/l	100
29) Tetrahydrofuran	5.025	42	293474	275.925	ug/l	100
30) Chloroform	5.105	83	326781	54.867	ug/l	100
31) Cyclohexane	5.483	56	288914	53.705	ug/l	100
32) 1,1,1-Trichloroethane	5.397	97	285500	55.692	ug/l	100
36) 1,1-Dichloropropene	5.708	75	228086	54.893	ug/l	100
37) Ethyl Acetate	4.721	43	239310	55.477	ug/l	100
38) Carbon Tetrachloride	5.690	117	246368	54.258	ug/l	100
39) Methylcyclohexane	7.391	83	281960	54.402	ug/l	100
40) Benzene	6.050	78	689965	55.477	ug/l	100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047351.D
Acq On : 15 Aug 2025 10:22
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Quant Time: Aug 18 02:53:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 02:51:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	104680	57.547	ug/l	100
42) 1,2-Dichloroethane	6.098	62	243489	55.271	ug/l	100
43) Isopropyl Acetate	6.348	43	352090	56.817	ug/l	100
44) Trichloroethene	7.135	130	175409	55.081	ug/l	100
45) 1,2-Dichloropropane	7.433	63	170556	54.740	ug/l	100
46) Dibromomethane	7.586	93	122428	54.124	ug/l	100
47) Bromodichloromethane	7.824	83	257393	54.888	ug/l	100
48) Methyl methacrylate	7.696	41	180568	56.136	ug/l	100
49) 1,4-Dioxane	7.677	88	36298	1188.274	ug/l	100
51) 4-Methyl-2-Pentanone	8.573	43	1031709	289.311	ug/l	100
52) Toluene	8.720	92	428577	55.767	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	237021	57.913	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	260352	56.202	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	160439	54.984	ug/l	100
56) Ethyl methacrylate	9.116	69	250221	58.164	ug/l	100
57) 1,3-Dichloropropane	9.311	76	271755	54.656	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	555513	269.738	ug/l	100
59) 2-Hexanone	9.433	43	703268	285.099	ug/l	100
60) Dibromochloromethane	9.518	129	188384	54.326	ug/l	100
61) 1,2-Dibromoethane	9.610	107	165776	55.095	ug/l	100
64) Tetrachloroethene	9.275	164	144361	54.962	ug/l	100
65) Chlorobenzene	10.079	112	467009	54.119	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	160305	54.954	ug/l	100
67) Ethyl Benzene	10.195	91	826783	55.667	ug/l	100
68) m/p-Xylenes	10.299	106	622895	112.475	ug/l	100
69) o-Xylene	10.640	106	295290	55.407	ug/l	100
70) Styrene	10.652	104	512239	56.883	ug/l	100
71) Bromoform	10.799	173	121692	55.530	ug/l	100
73) Isopropylbenzene	10.963	105	780181	56.210	ug/l	100
74) N-amyl acetate	10.841	43	306720	58.194	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	225063	55.228	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	212795	65.413	ug/l	90
77) Bromobenzene	11.195	156	186832	55.124	ug/l	100
78) n-propylbenzene	11.299	91	918573	55.413	ug/l	100
79) 2-Chlorotoluene	11.360	91	549070	54.793	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	636323	55.720	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	35295	47.608	ug/l	100
82) 4-Chlorotoluene	11.451	91	643830	54.505	ug/l	100
83) tert-Butylbenzene	11.713	119	641951	56.344	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	646548	56.614	ug/l	100
85) sec-Butylbenzene	11.890	105	783341	55.470	ug/l	100
86) p-Isopropyltoluene	12.006	119	660872	55.303	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	351718	54.320	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	352196	52.886	ug/l	100
89) n-Butylbenzene	12.329	91	610840	54.957	ug/l	100
90) Hexachloroethane	12.536	117	115780	55.228	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	330287	53.742	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	43861	55.654	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	218820	53.111	ug/l	100
94) Hexachlorobutadiene	13.725	225	71744	48.921	ug/l	100
95) Naphthalene	13.774	128	670303	56.930	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	208179	53.605	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047351.D
Acq On : 15 Aug 2025 10:22
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Quant Time: Aug 18 02:53:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 02:51:35 2025
Response via : Initial Calibration

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

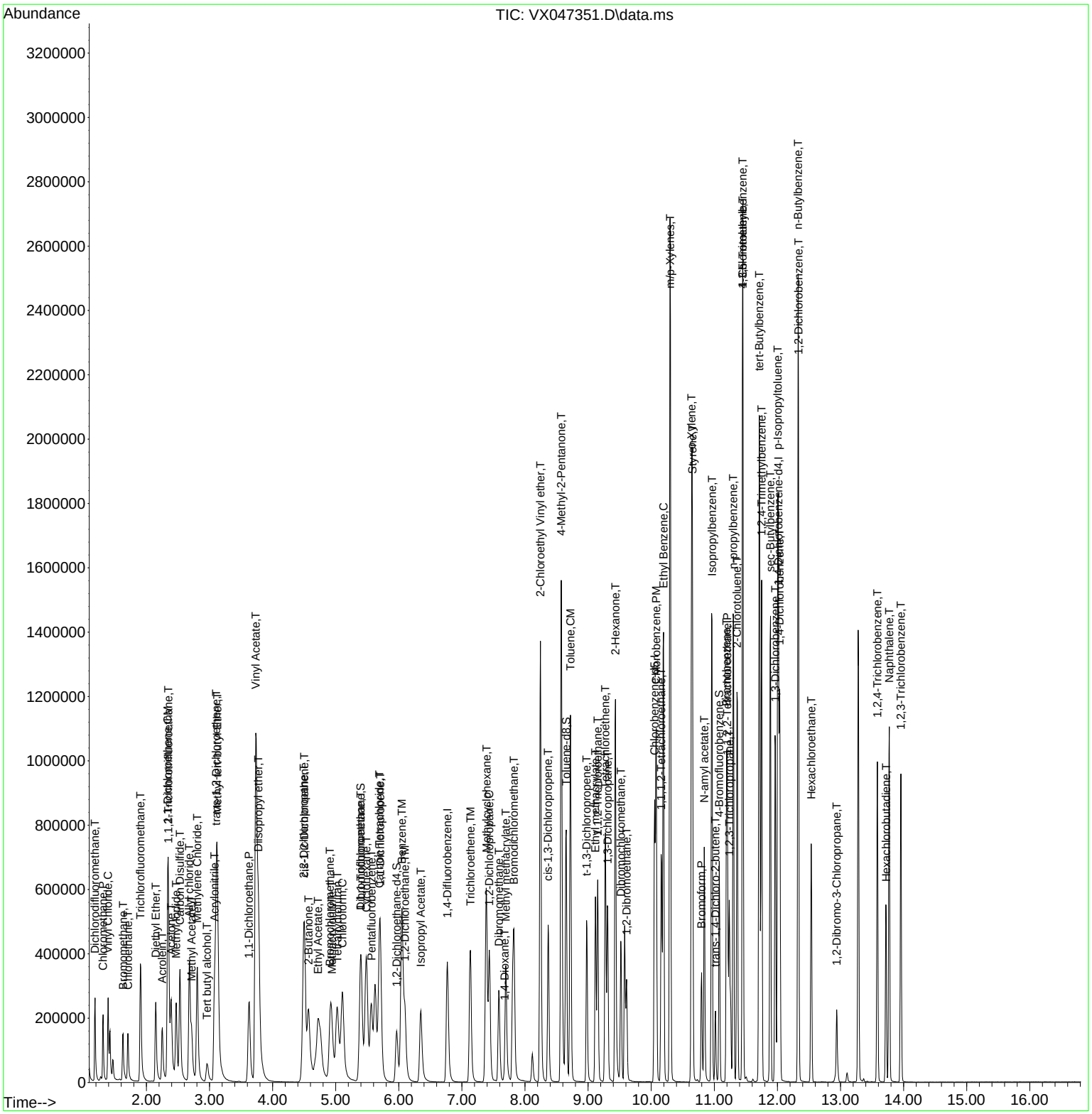
(#) = qualifier out of range (m) = manual integration (+) = signals summed

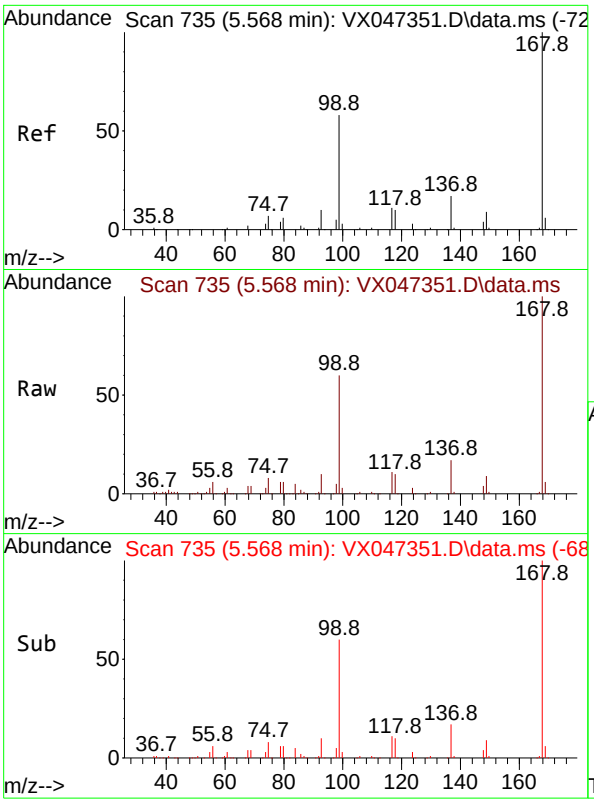
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047351.D
Acq On : 15 Aug 2025 10:22
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Quant Time: Aug 18 02:53:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 02:51:35 2025
Response via : Initial Calibration



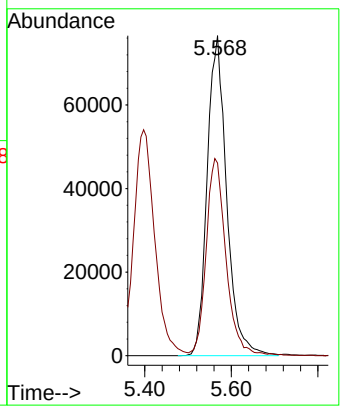


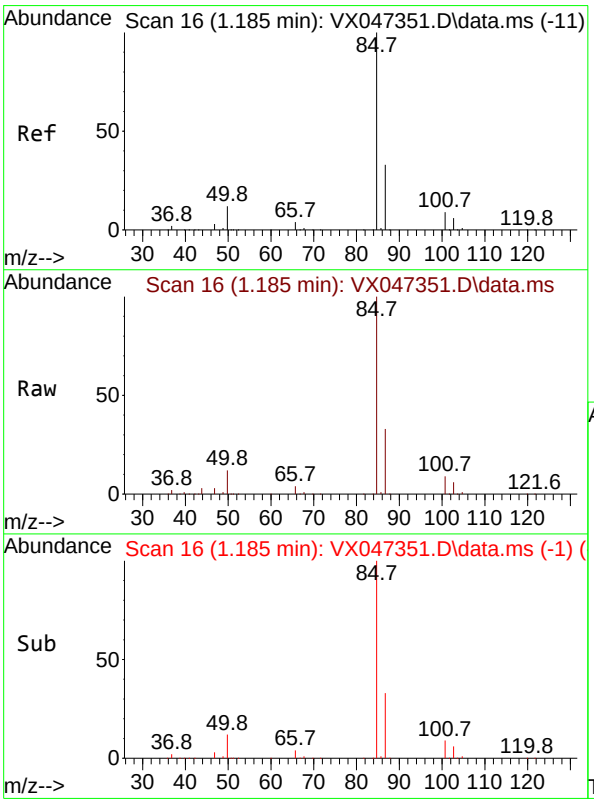
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:168 Resp: 238847

Ion	Ratio	Lower	Upper
168	100		
99	59.9	47.9	71.9

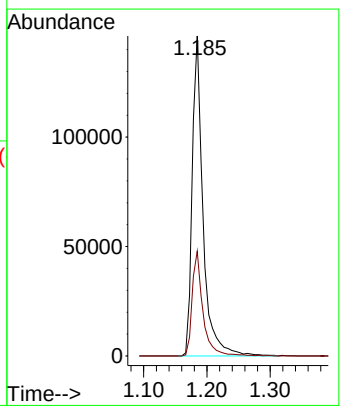


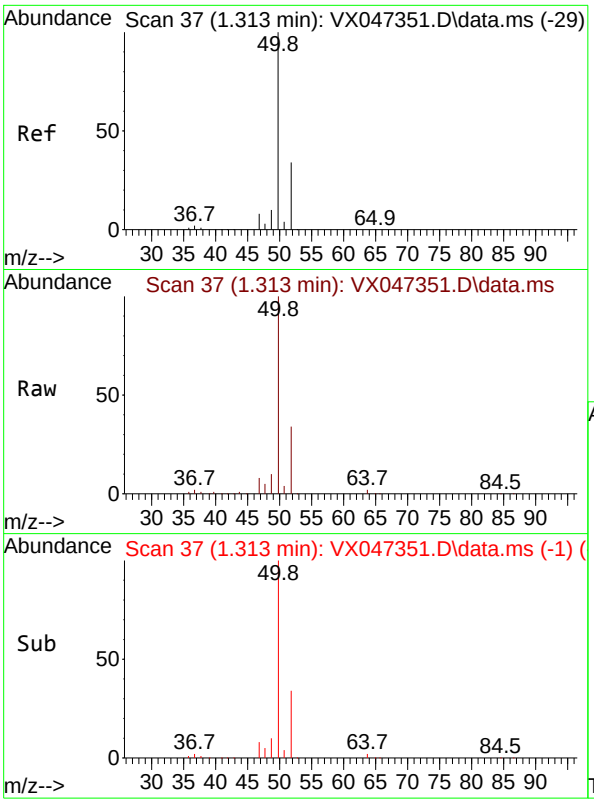


#2
Dichlorodifluoromethane
Concen: 57.354 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 85 Resp: 174629

Ion	Ratio	Lower	Upper
85	100		
87	32.7	16.4	49.1



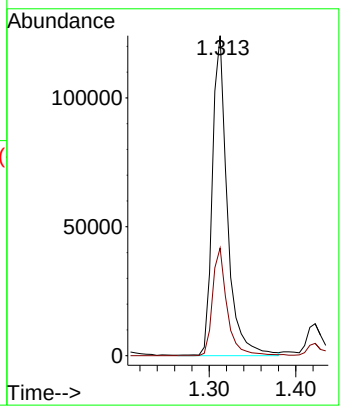


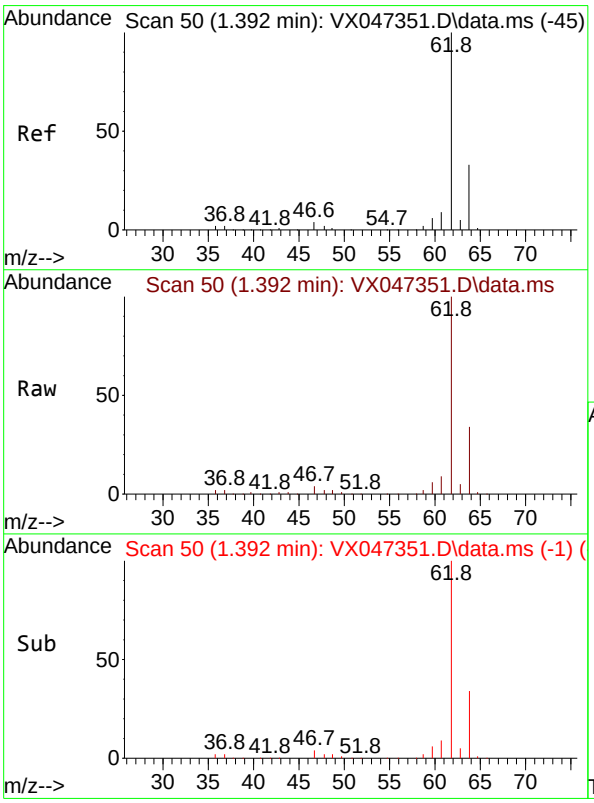
#3
Chloromethane
Concen: 54.385 ug/l
RT: 1.313 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 50 Resp: 148962

Ion	Ratio	Lower	Upper
50	100		
52	33.7	27.0	40.4

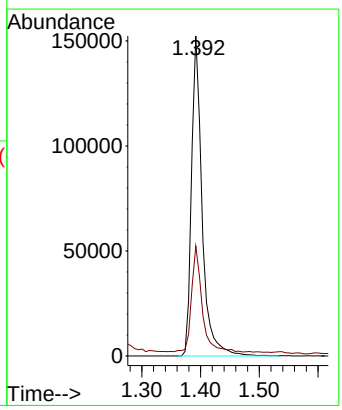


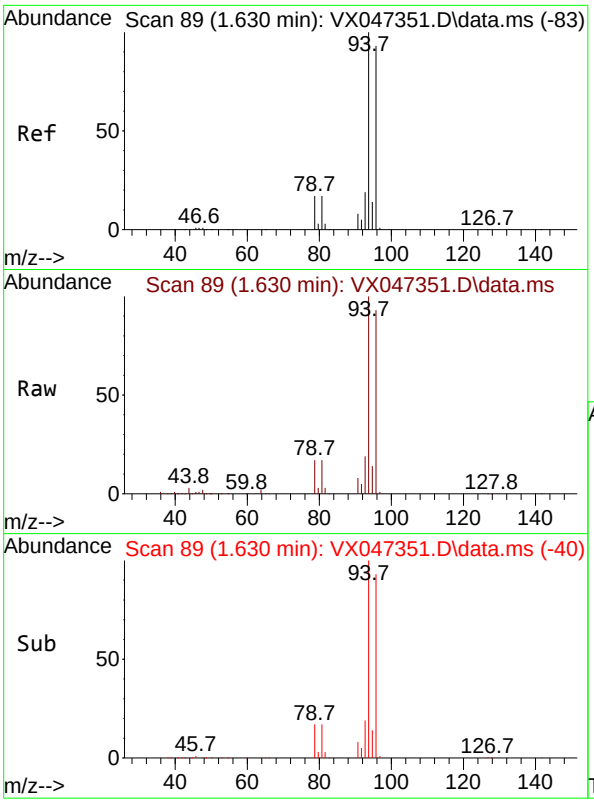


#4
Vinyl Chloride
Concen: 55.604 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 62 Resp: 191163

Ion	Ratio	Lower	Upper
62	100		
64	33.1	26.5	39.7



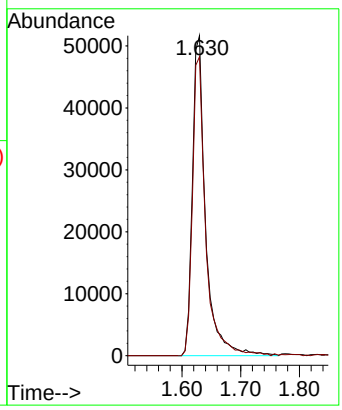


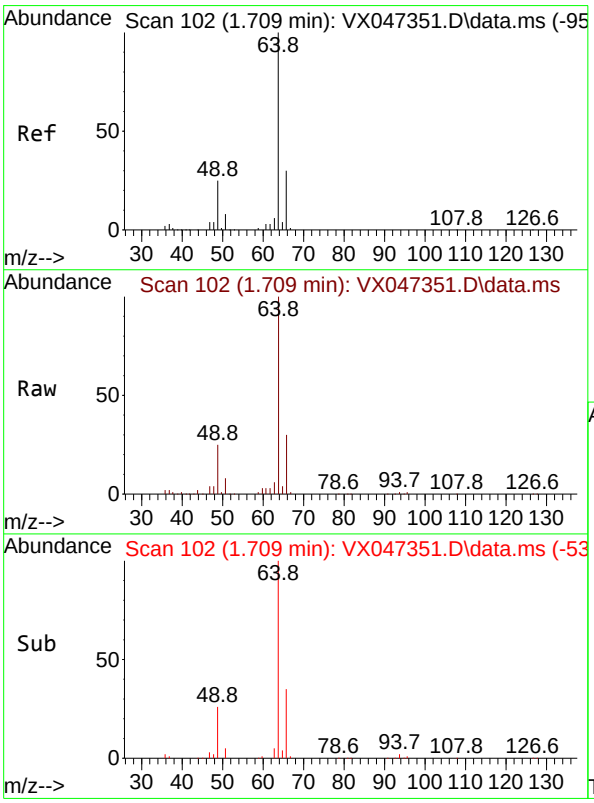
#5
Bromomethane
Concen: 57.770 ug/l
RT: 1.630 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 94 Resp: 80221

Ion	Ratio	Lower	Upper
94	100		
96	93.4	74.7	112.1

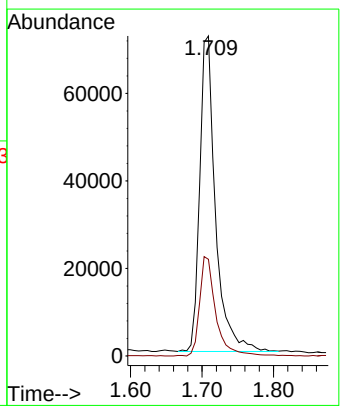


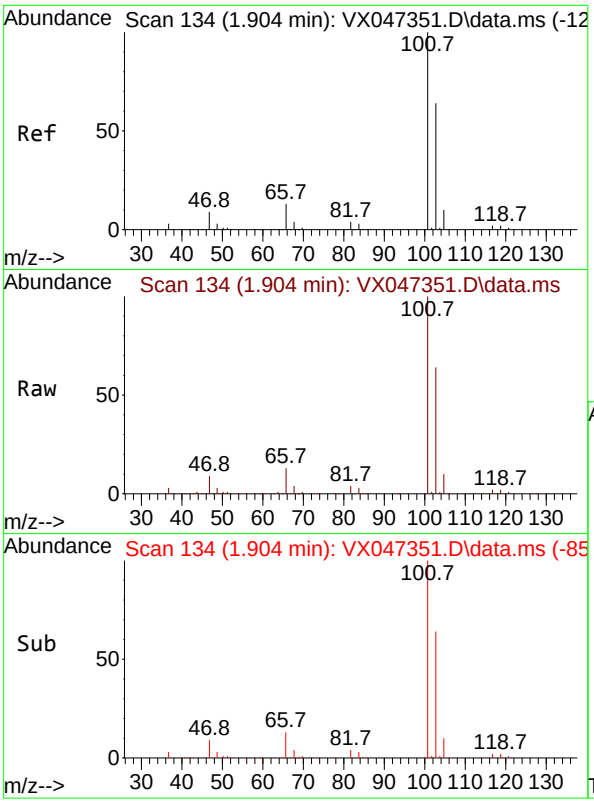


#6
Chloroethane
Concen: 52.521 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 64 Resp: 110475

Ion	Ratio	Lower	Upper
64	100		
66	30.5	24.4	36.6



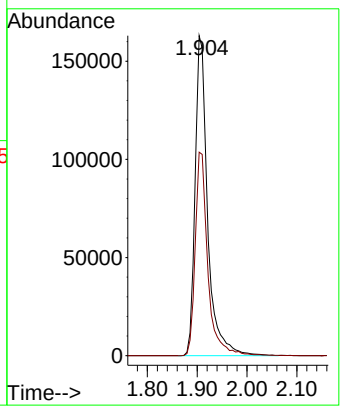


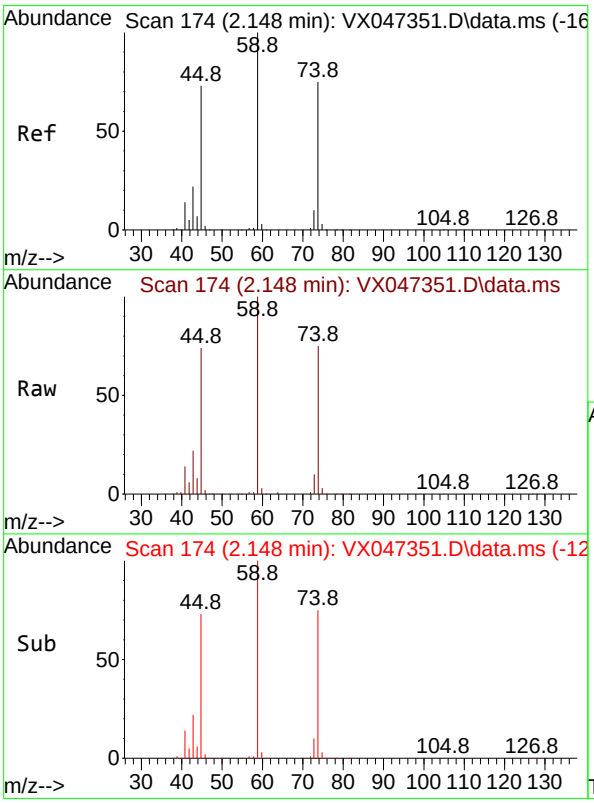
#7
Trichlorofluoromethane
Concen: 55.781 ug/l
RT: 1.904 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 283655

Ion	Ratio	Lower	Upper
101	100		
103	63.6	50.9	76.3

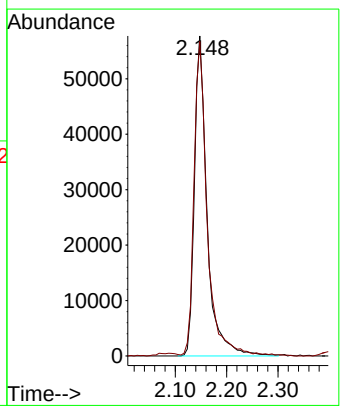


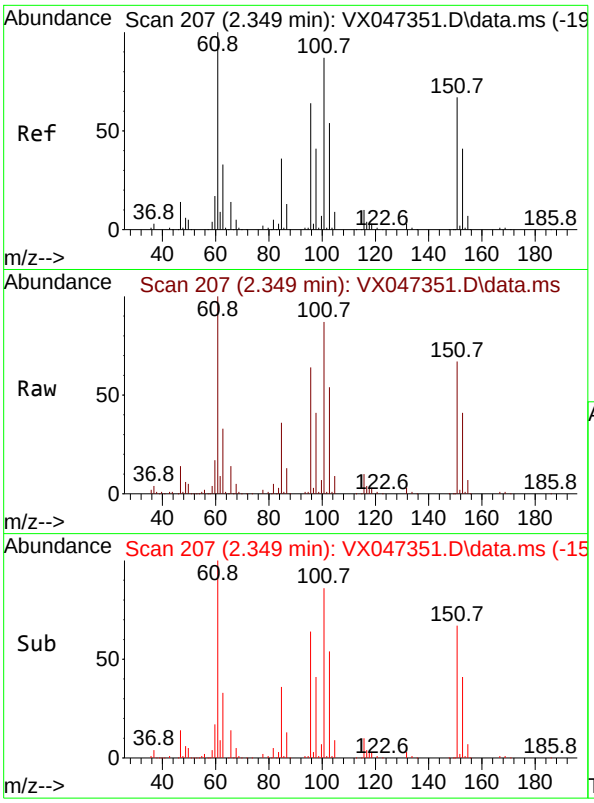


#8
Diethyl Ether
Concen: 55.393 ug/l
RT: 2.148 min Scan# 174
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 74 Resp: 99184

Ion	Ratio	Lower	Upper
74	100		
45	102.7	51.3	154.0



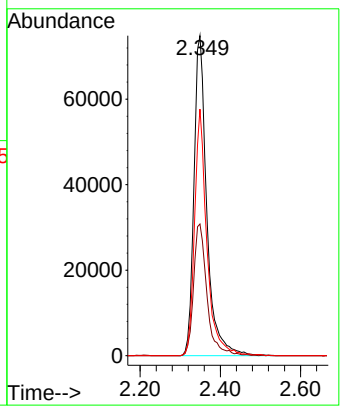


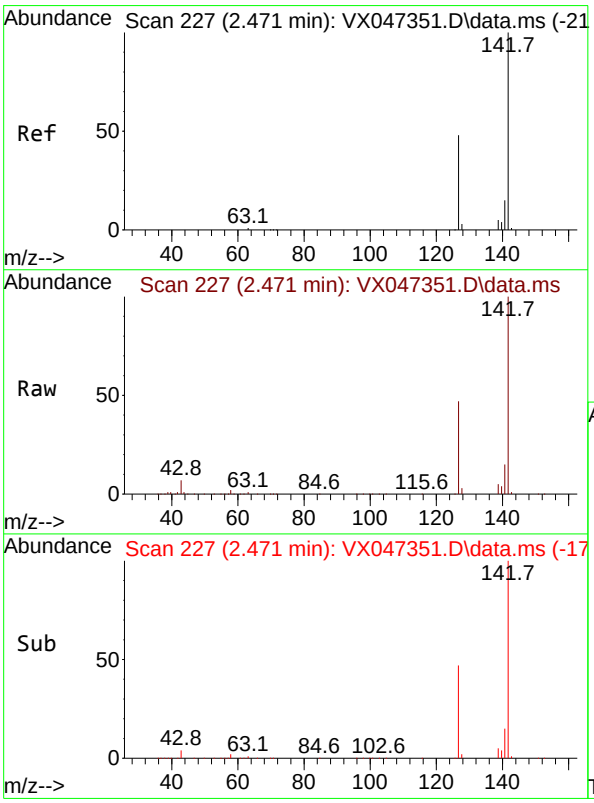
#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.441 ug/l
RT: 2.349 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 166491

Ion	Ratio	Lower	Upper
101	100		
85	42.9	34.3	51.5
151	74.0	59.2	88.8

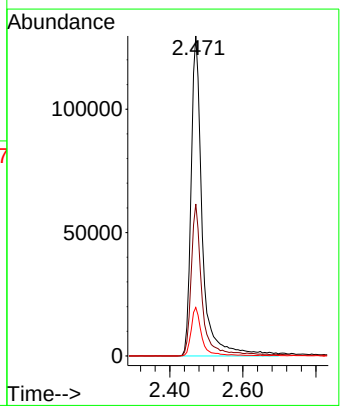


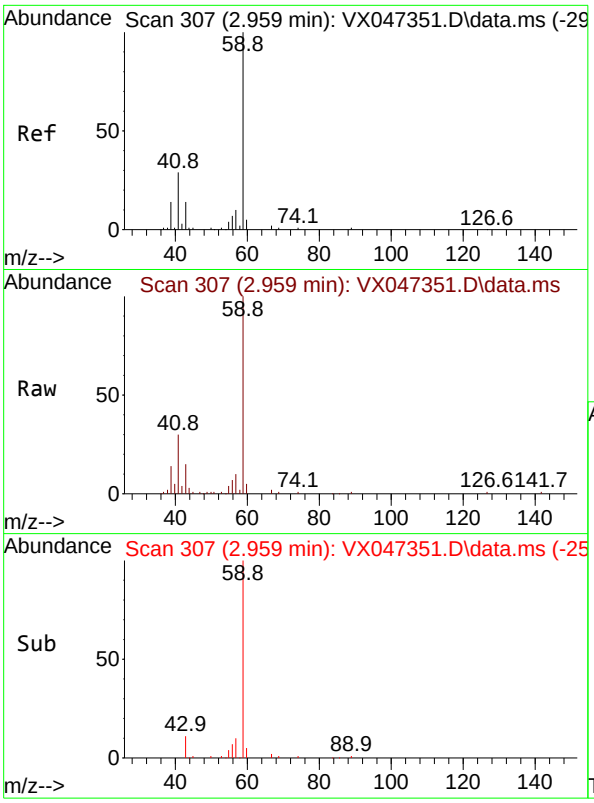


#10
Methyl Iodide
Concen: 54.943 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion:142 Resp: 277741

Ion	Ratio	Lower	Upper
142	100		
127	45.1	36.1	54.1
141	13.9	11.1	16.7



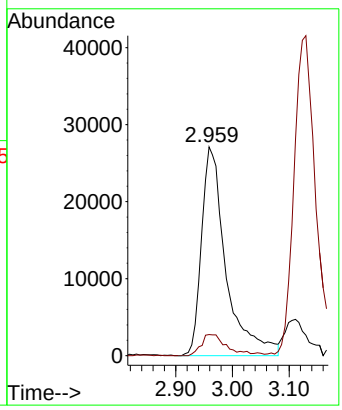


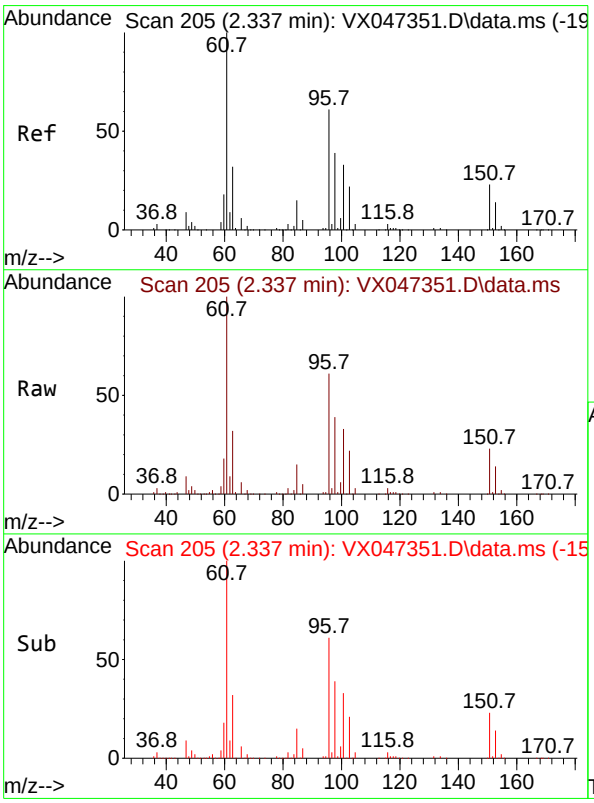
#11
Tert butyl alcohol
Concen: 279.856 ug/l
RT: 2.959 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 59 Resp: 81382

Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.3	12.5

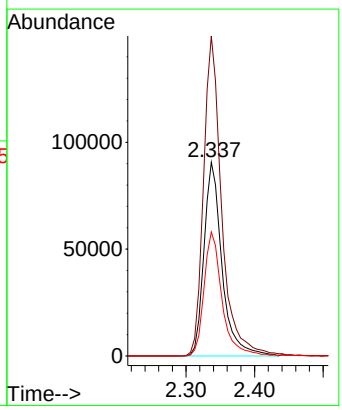


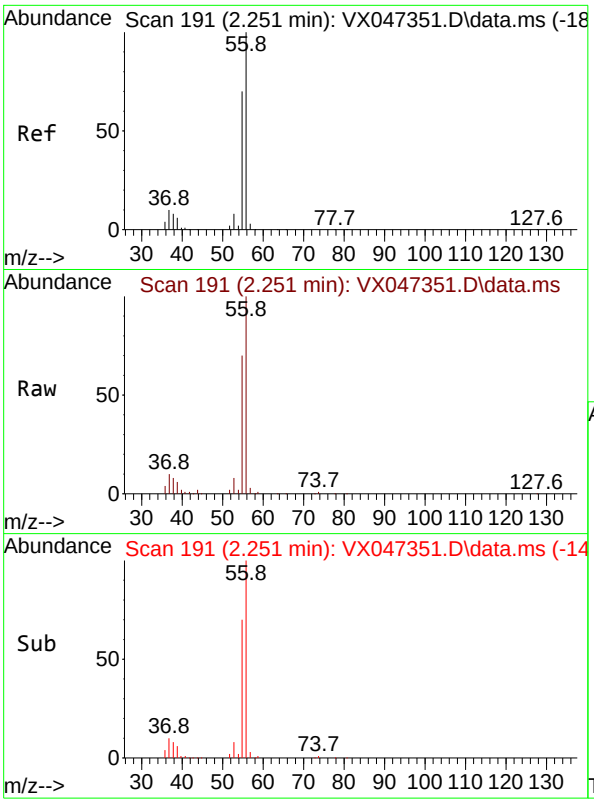


#12
1,1-Dichloroethene
Concen: 55.319 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 96 Resp: 166359

Ion	Ratio	Lower	Upper
96	100		
61	165.2	132.2	198.2
98	64.0	51.2	76.8



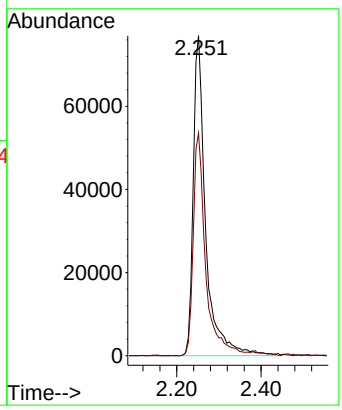


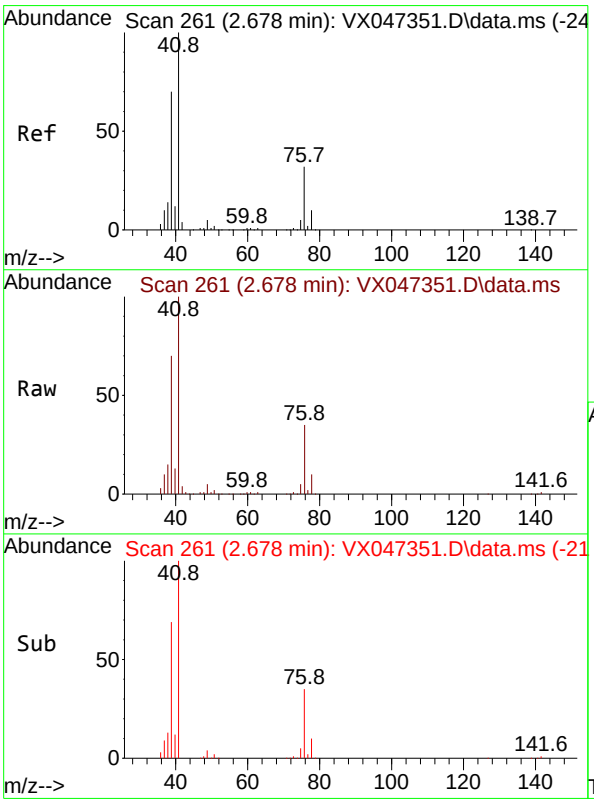
#13
Acrolein
Concen: 256.954 ug/l
RT: 2.251 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 157735

Ion	Ratio	Lower	Upper
56	100		
55	69.4	55.5	83.3

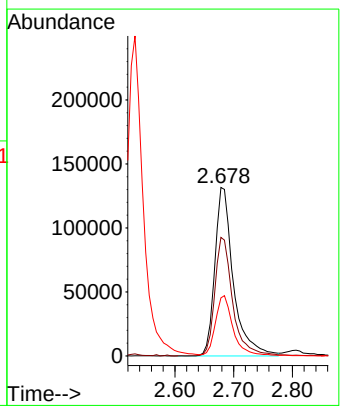


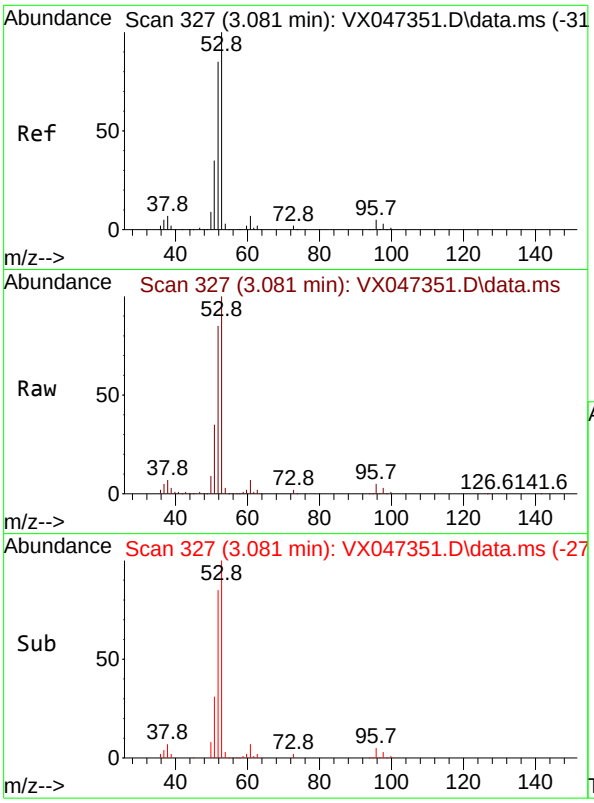


#14
Allyl chloride
Concen: 55.394 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 41 Resp: 289338

Ion	Ratio	Lower	Upper
41	100		
39	68.2	54.6	81.8
76	34.5	27.6	41.4



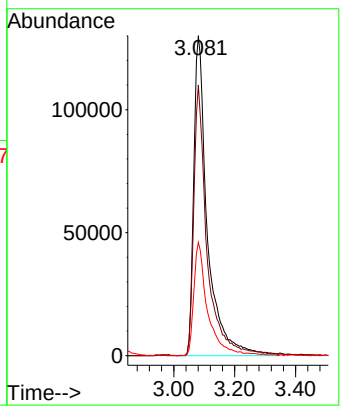


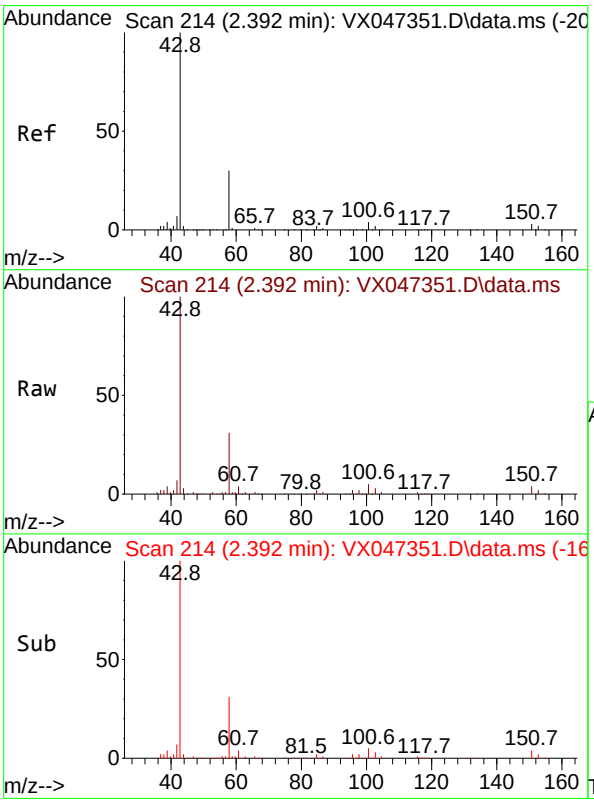
#15
Acrylonitrile
Concen: 288.775 ug/l
RT: 3.081 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 53 Resp: 405784

Ion	Ratio	Lower	Upper
53	100		
52	82.2	65.8	98.6
51	35.2	28.2	42.2

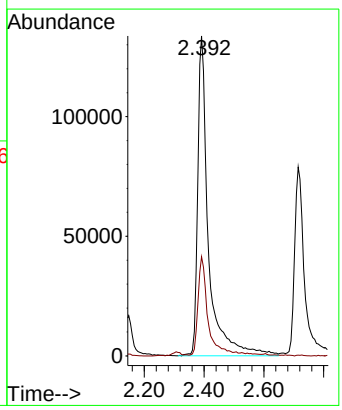


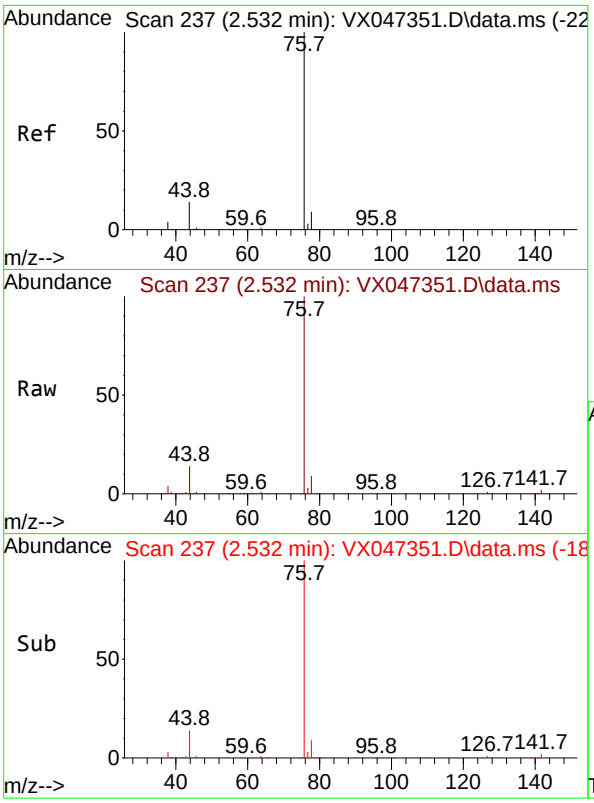


#16
Acetone
Concen: 266.252 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 43 Resp: 334538

Ion	Ratio	Lower	Upper
43	100		
58	31.0	24.8	37.2



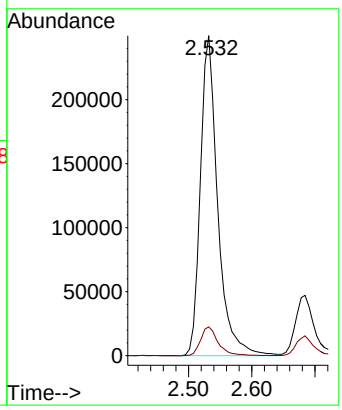


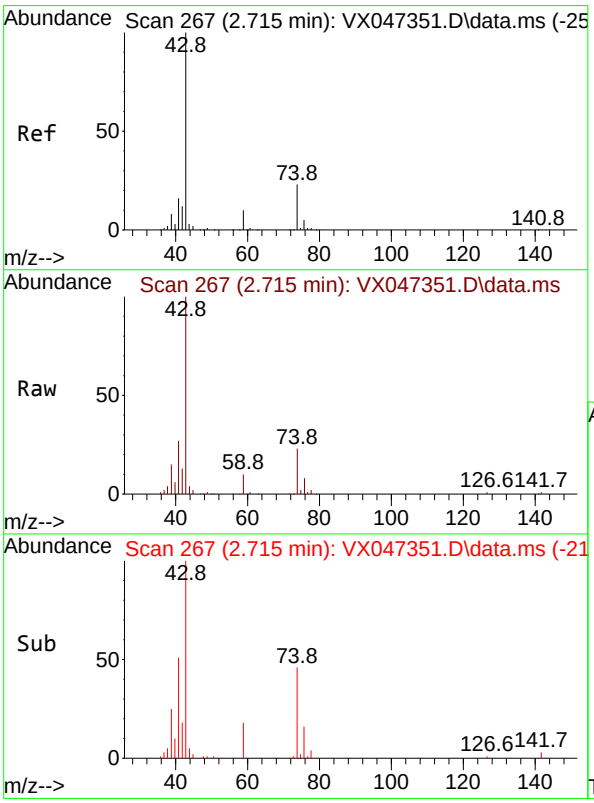
#17
Carbon Disulfide
Concen: 52.455 ug/l
RT: 2.532 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 476020

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.2	10.8

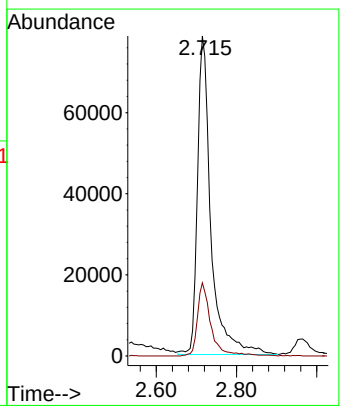


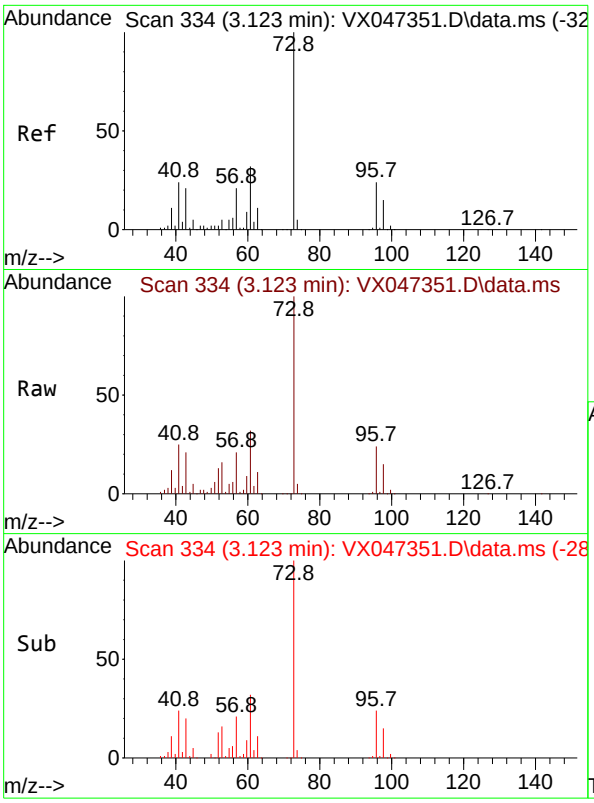


#18
Methyl Acetate
Concen: 56.425 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 43 Resp: 183721

Ion	Ratio	Lower	Upper
43	100		
74	23.0	18.4	27.6



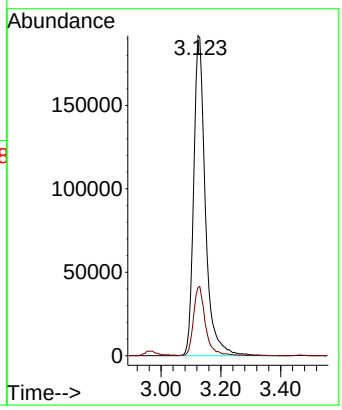


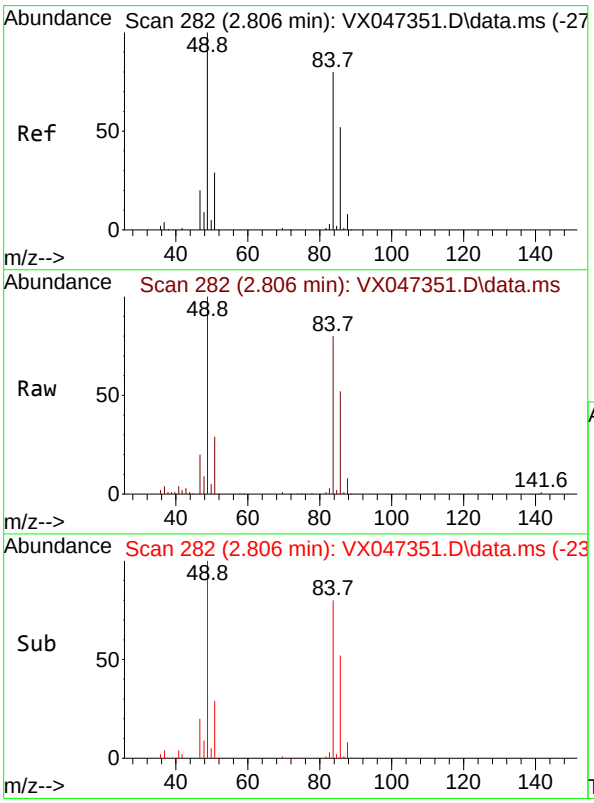
#19
Methyl tert-butyl Ether
Concen: 56.782 ug/l
RT: 3.123 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 519477

Ion	Ratio	Lower	Upper
73	100		
57	21.3	17.0	25.6

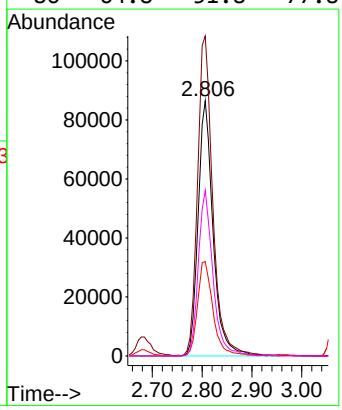


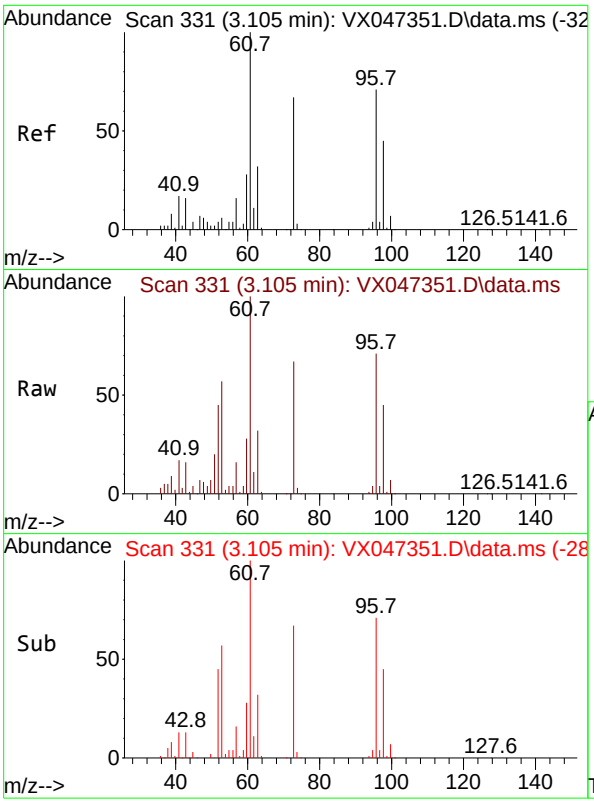


#20
Methylene Chloride
Concen: 54.377 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 84 Resp: 180921

Ion	Ratio	Lower	Upper
84	100		
49	125.1	100.1	150.1
51	36.9	29.5	44.3
86	64.8	51.8	77.8



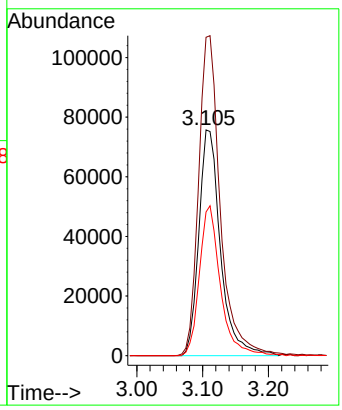


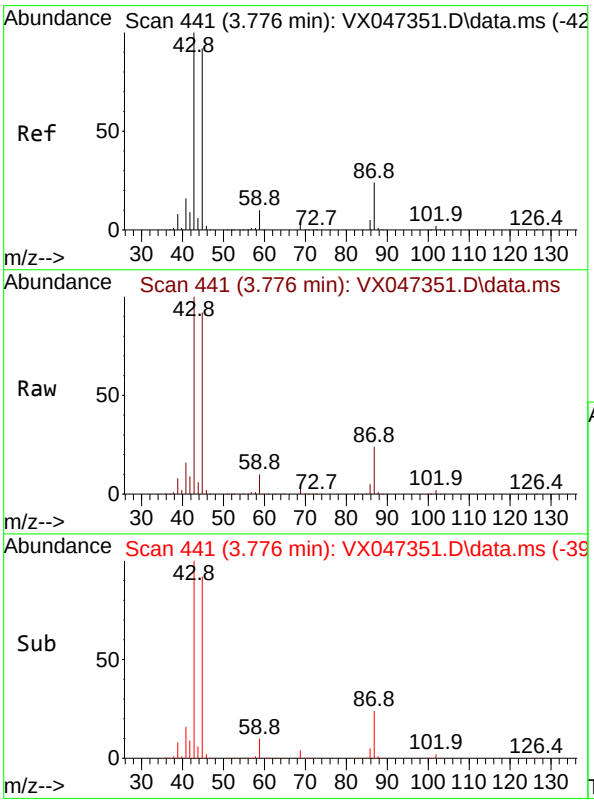
#21
trans-1,2-Dichloroethene
Concen: 54.272 ug/l
RT: 3.105 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 96 Resp: 173226

Ion	Ratio	Lower	Upper
96	100		
61	140.8	112.6	169.0
98	63.6	50.9	76.3

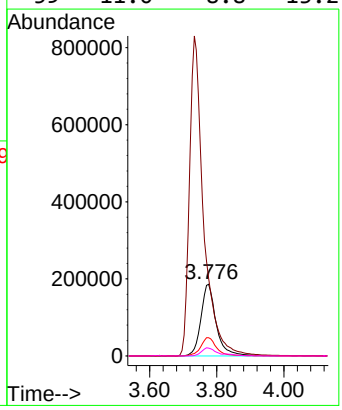


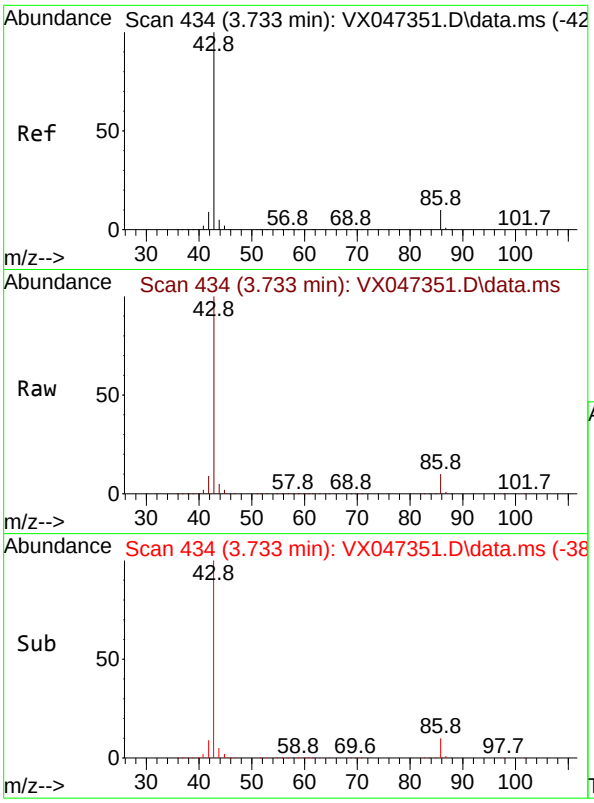


#22
Diisopropyl ether
Concen: 56.909 ug/l
RT: 3.776 min Scan# 441
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 45 Resp: 587571

Ion	Ratio	Lower	Upper
45	100		
43	108.5	86.8	130.2
87	25.5	20.4	30.6
59	11.0	8.8	13.2



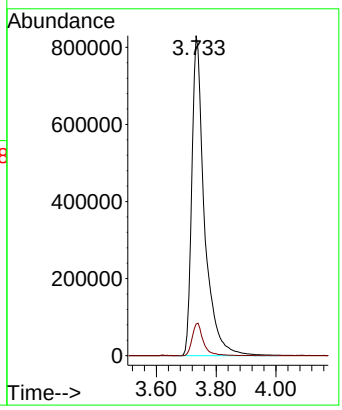


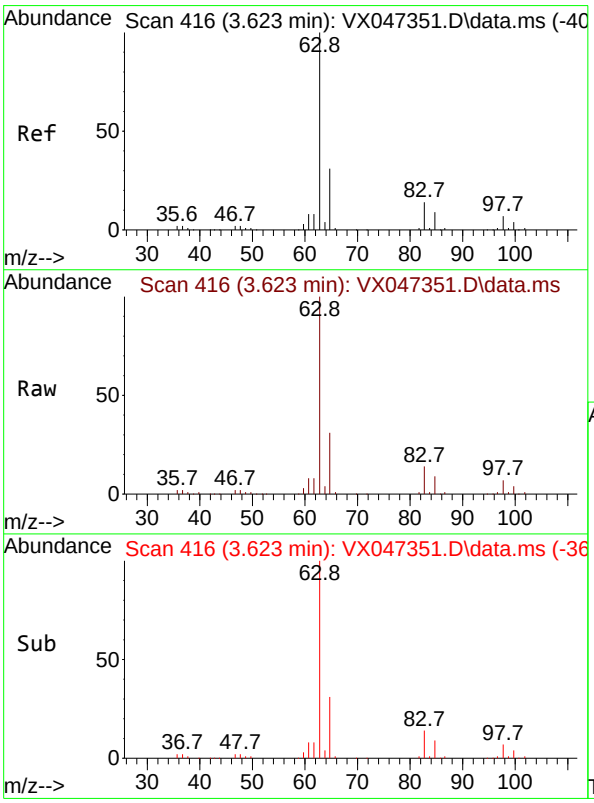
#23
Vinyl Acetate
Concen: 287.897 ug/l
RT: 3.733 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 2436350

Ion	Ratio	Lower	Upper
43	100		
86	9.9	7.9	11.9

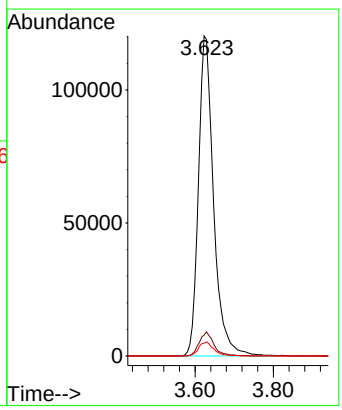


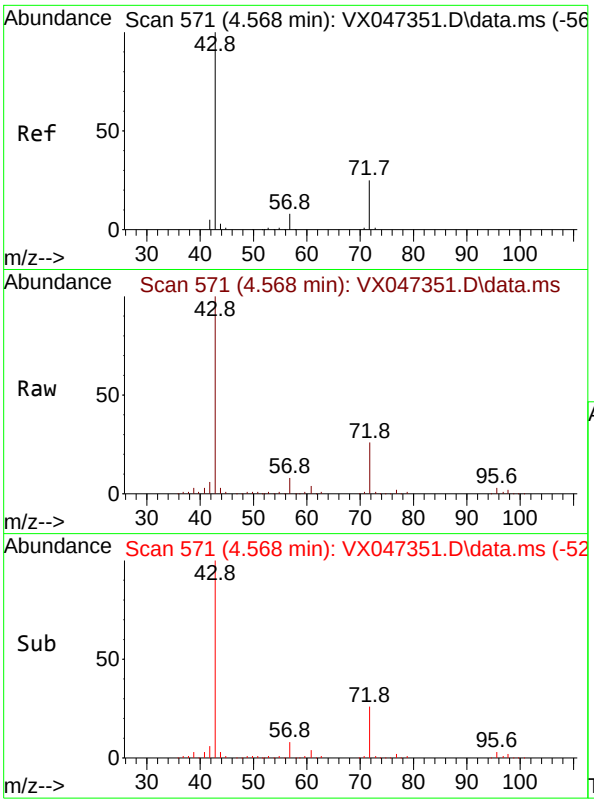


#24
1,1-Dichloroethane
Concen: 55.516 ug/l
RT: 3.623 min Scan# 416
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 63 Resp: 323982

Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.3	9.9
100	4.2	2.1	6.3



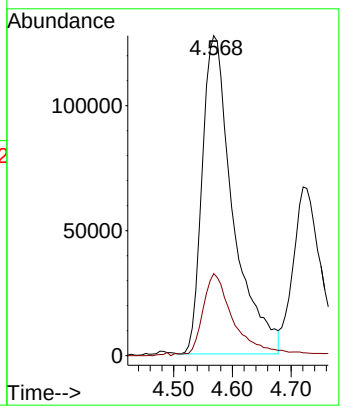


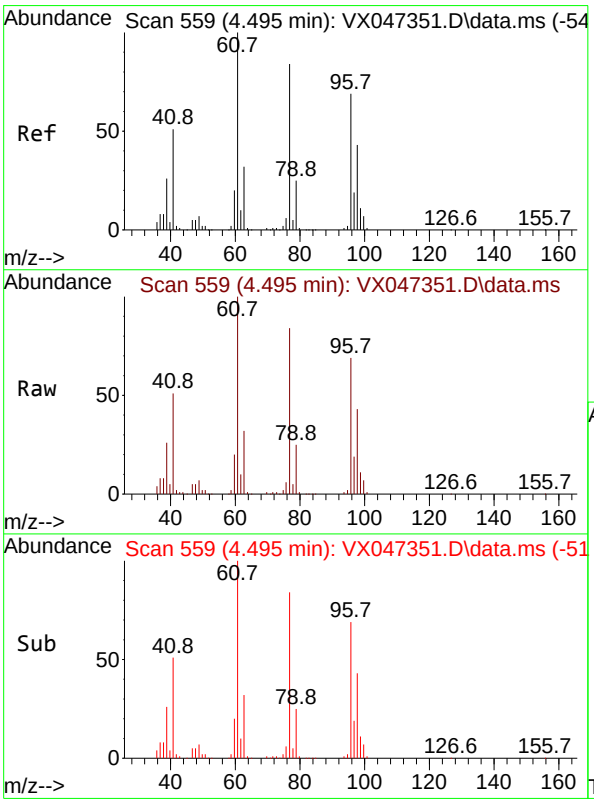
#25
2-Butanone
Concen: 282.051 ug/l
RT: 4.568 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 464136

Ion	Ratio	Lower	Upper
43	100		
72	24.8	19.8	29.8

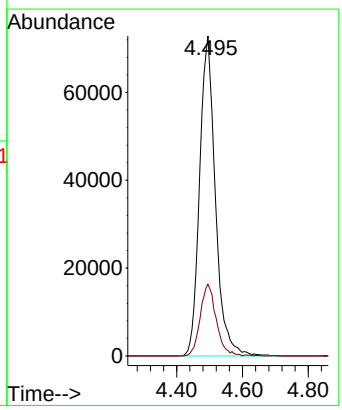


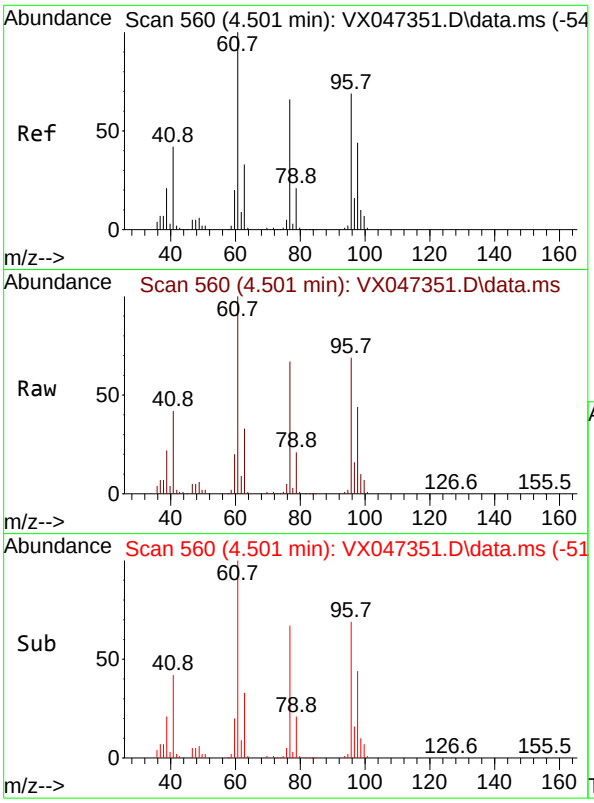


#26
2,2-Dichloropropane
Concen: 55.137 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 77 Resp: 242859

Ion	Ratio	Lower	Upper
77	100		
97	22.7	11.4	34.1



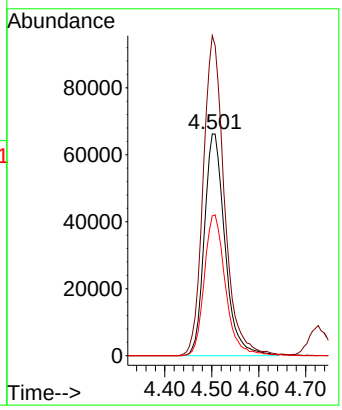


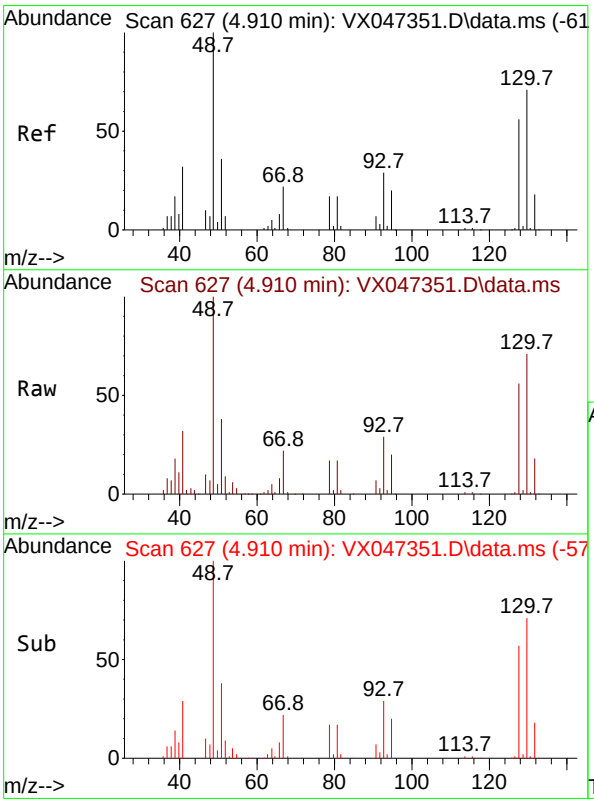
#27
cis-1,2-Dichloroethene
Concen: 54.366 ug/l
RT: 4.501 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 96 Resp: 202109

Ion	Ratio	Lower	Upper
96	100		
61	148.3	0.0	296.6
98	65.2	0.0	130.4

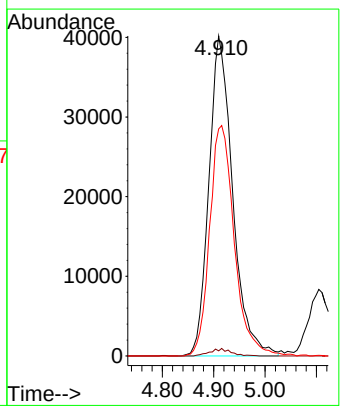


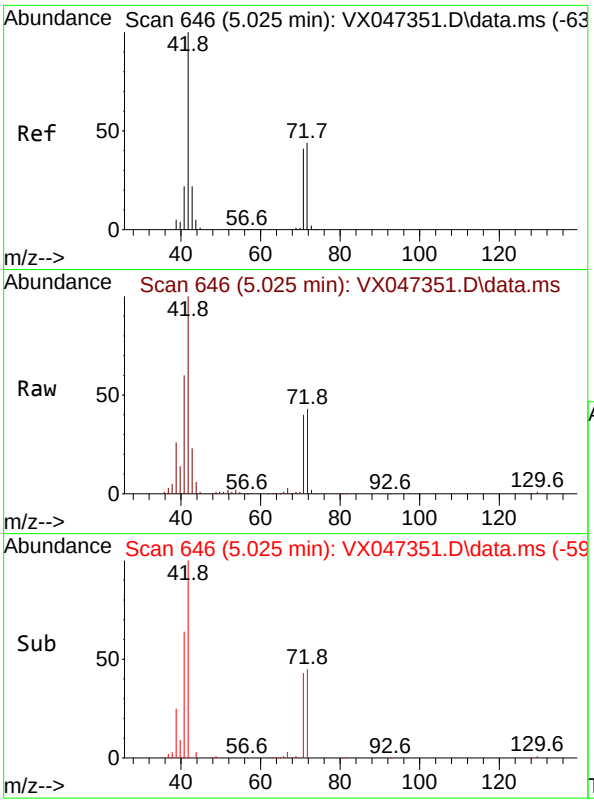


#28
Bromochloromethane
Concen: 53.153 ug/l
RT: 4.910 min Scan# 627
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 49 Resp: 129079

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	74.7	59.8	89.6



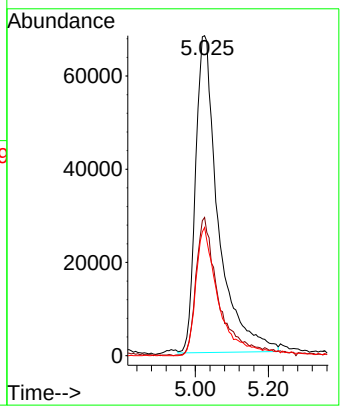


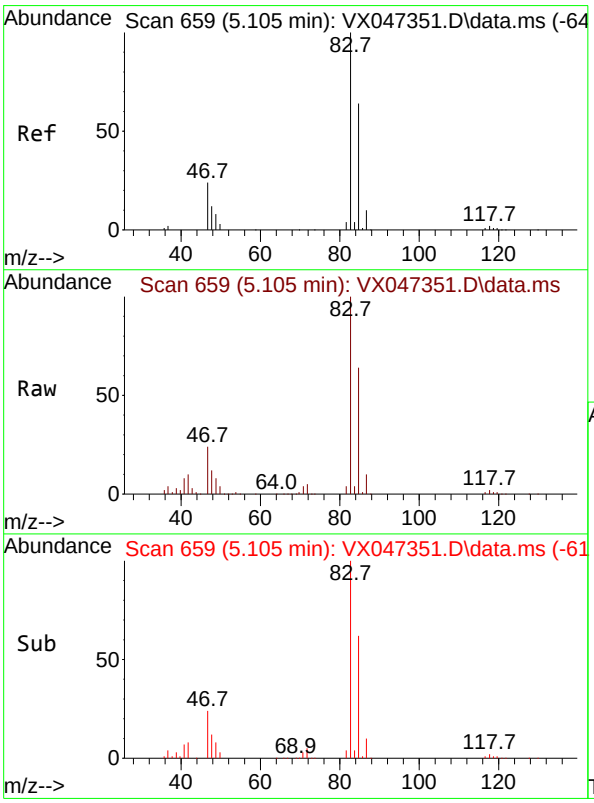
#29
Tetrahydrofuran
Concen: 275.925 ug/l
RT: 5.025 min Scan# 64
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 42 Resp: 293474

Ion	Ratio	Lower	Upper
42	100		
72	43.2	34.6	51.8
71	40.8	32.6	49.0

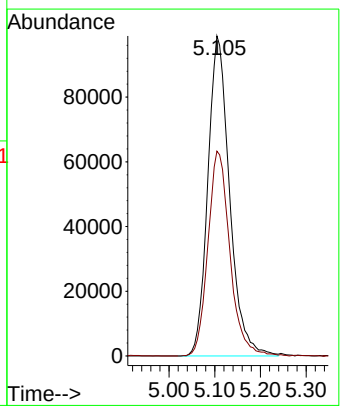


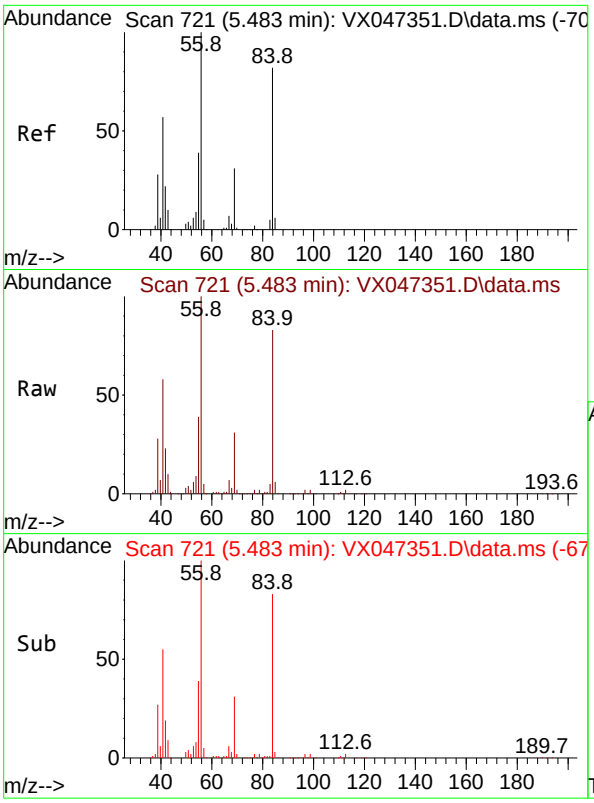


#30
Chloroform
Concen: 54.867 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 83 Resp: 326781

Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.2	76.8



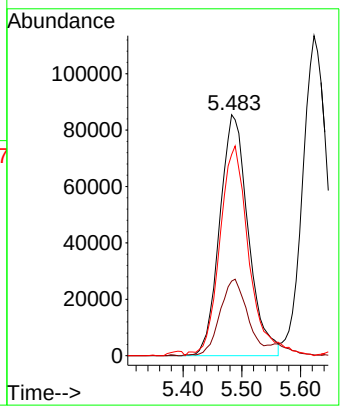


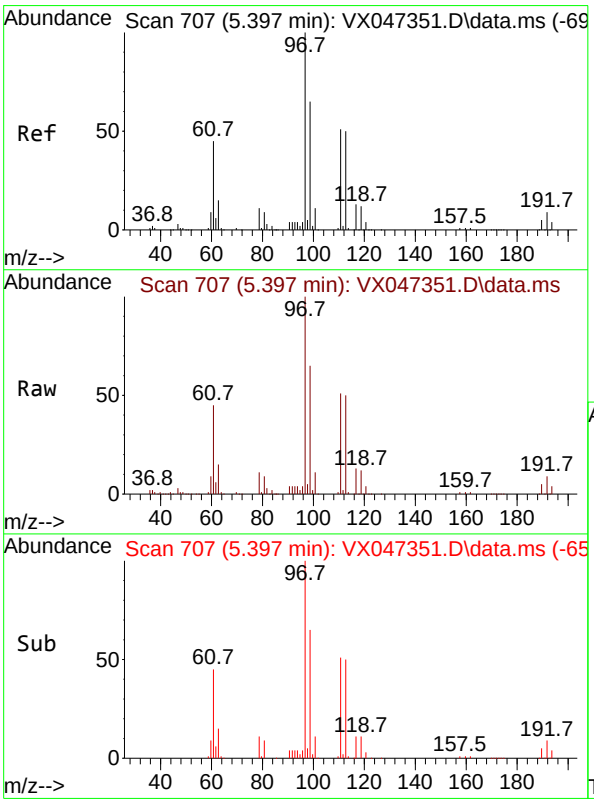
#31
Cyclohexane
Concen: 53.705 ug/l
RT: 5.483 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 288914

Ion	Ratio	Lower	Upper
56	100		
69	30.4	24.3	36.5
84	81.6	65.3	97.9

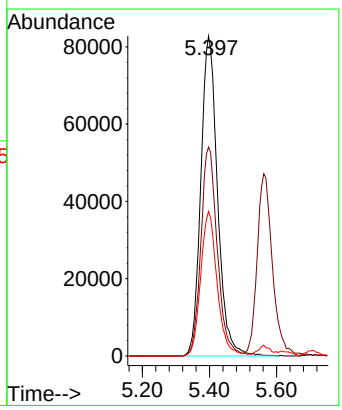


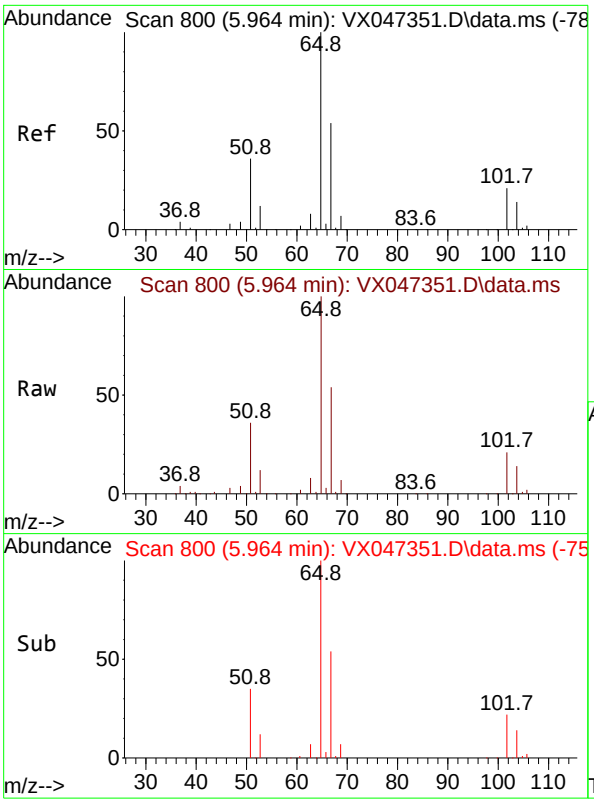


#32
1,1,1-Trichloroethane
Concen: 55.692 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 97 Resp: 285500

Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.4	77.0
61	44.6	35.7	53.5



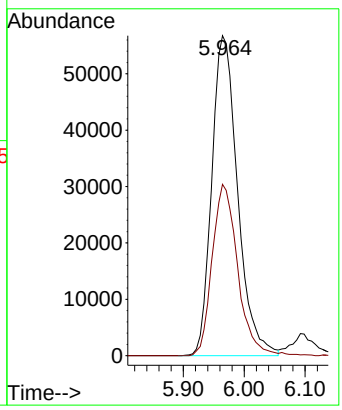


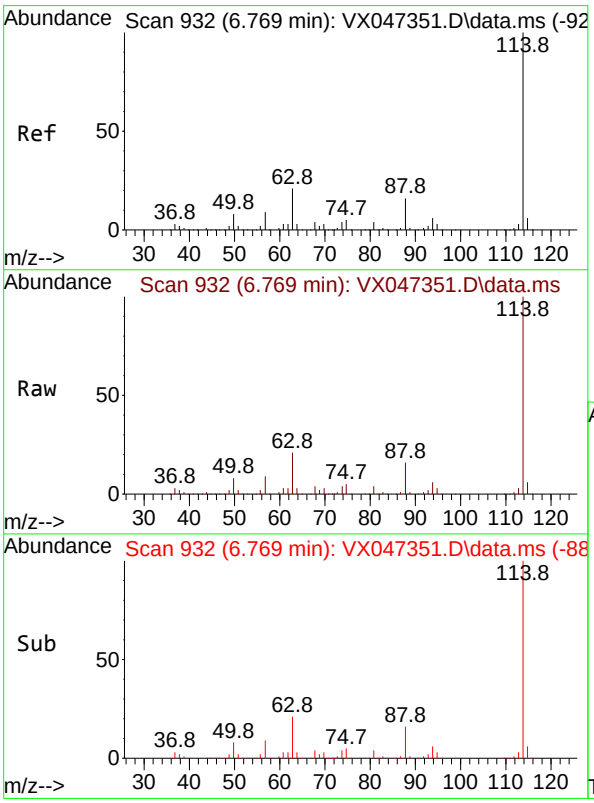
#33
1,2-Dichloroethane-d4
Concen: 50.030 ug/l
RT: 5.964 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 65 Resp: 167238

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	106.0

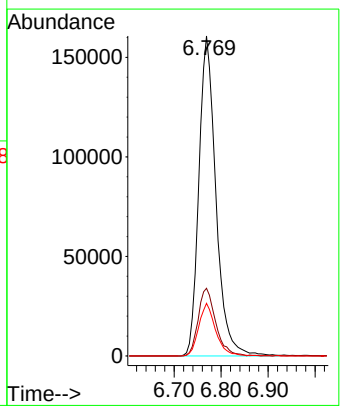


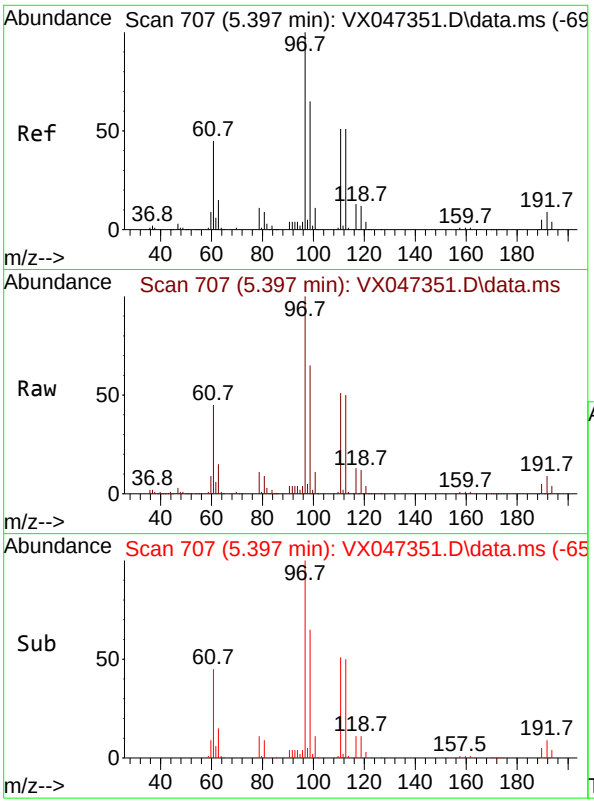


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion:114 Resp: 405572

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	42.4
88	16.5	0.0	33.0



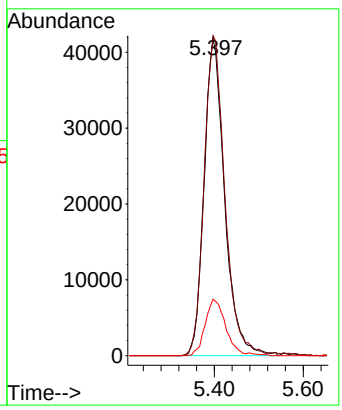


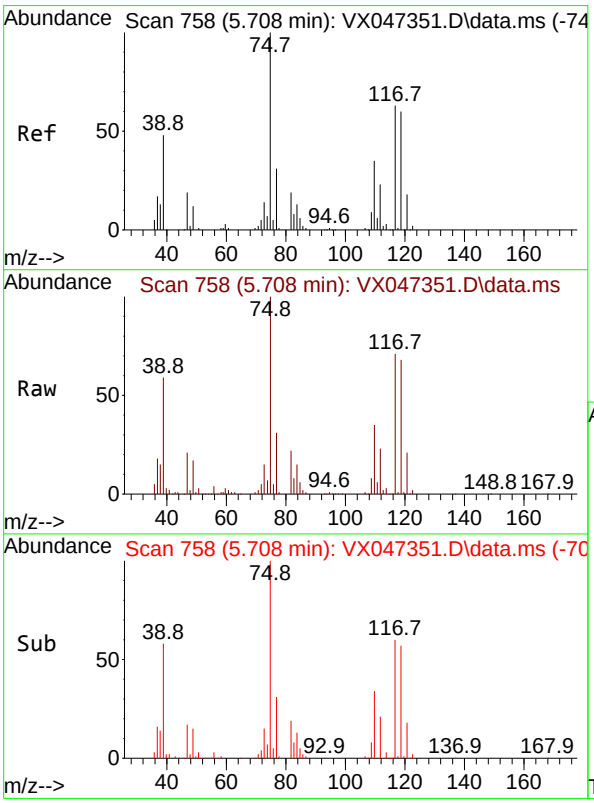
#35
Dibromofluoromethane
Concen: 51.074 ug/l
RT: 5.397 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:113 Resp: 134437

Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.4	122.2
192	17.6	14.1	21.1

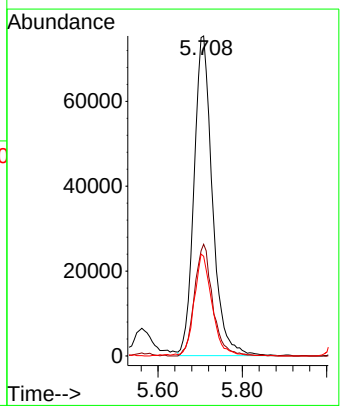


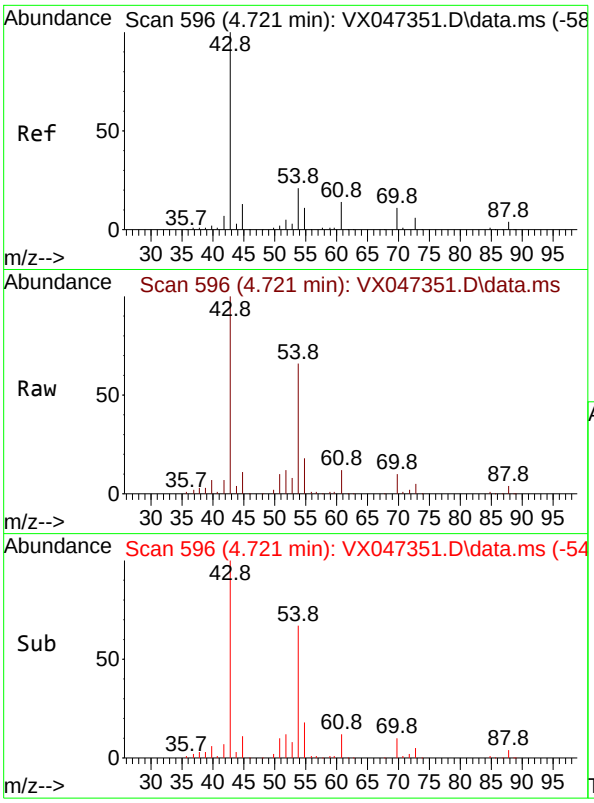


#36
1,1-Dichloropropene
Concen: 54.893 ug/l
RT: 5.708 min Scan# 758
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 75 Resp: 228086

Ion	Ratio	Lower	Upper
75	100		
110	34.8	17.4	52.2
77	30.5	24.4	36.6



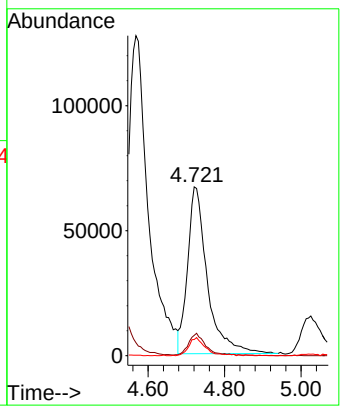


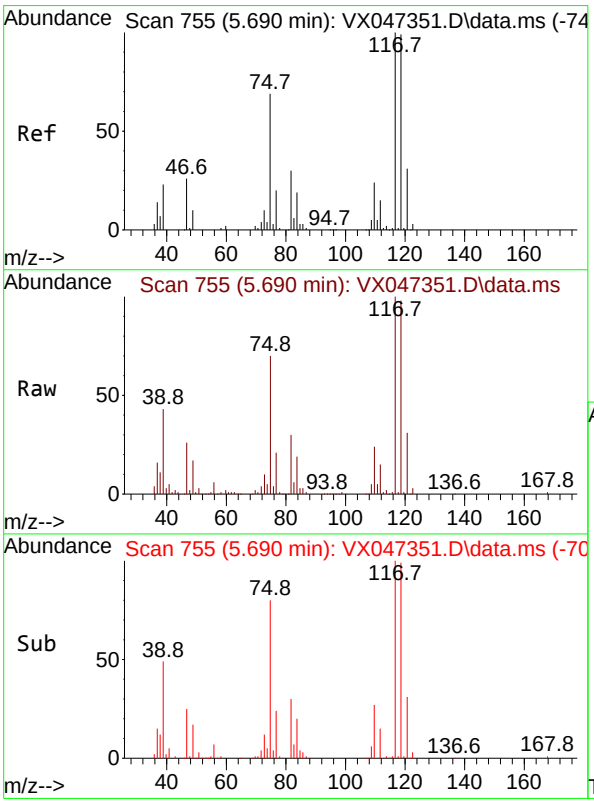
#37
Ethyl Acetate
Concen: 55.477 ug/l
RT: 4.721 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 239310

Ion	Ratio	Lower	Upper
43	100		
61	11.8	9.4	14.2
70	8.8	7.0	10.6

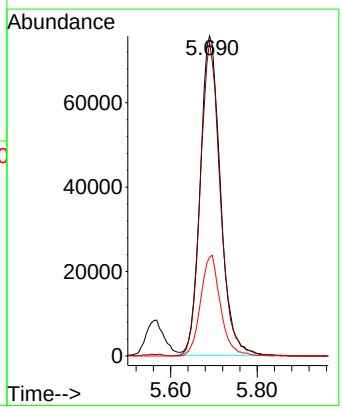


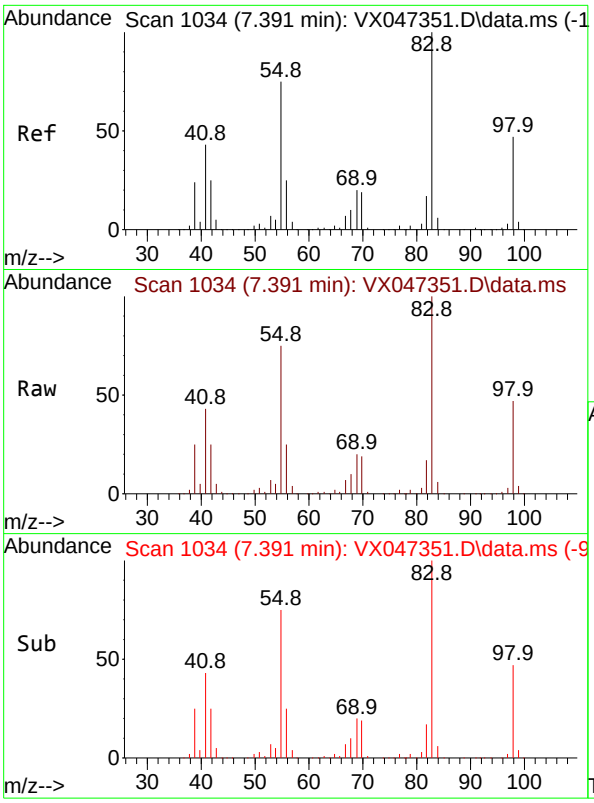


#38
Carbon Tetrachloride
Concen: 54.258 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion:117 Resp: 246368

Ion	Ratio	Lower	Upper
117	100		
119	98.1	78.5	117.7
121	30.9	24.7	37.1



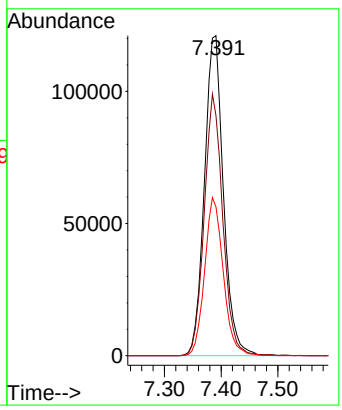


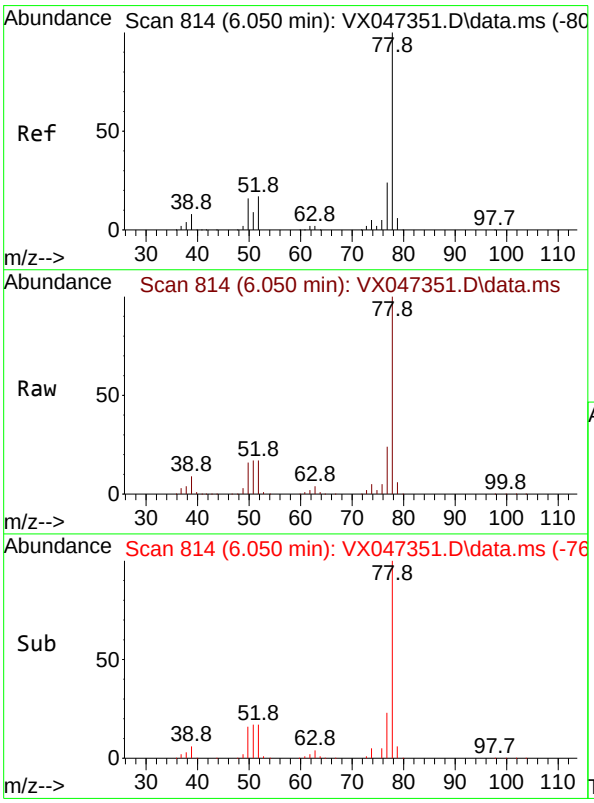
#39
Methylcyclohexane
Concen: 54.402 ug/l
RT: 7.391 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 281960

Ion	Ratio	Lower	Upper
83	100		
55	75.0	60.0	90.0
98	46.5	37.2	55.8

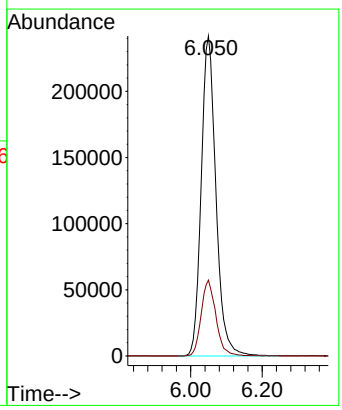


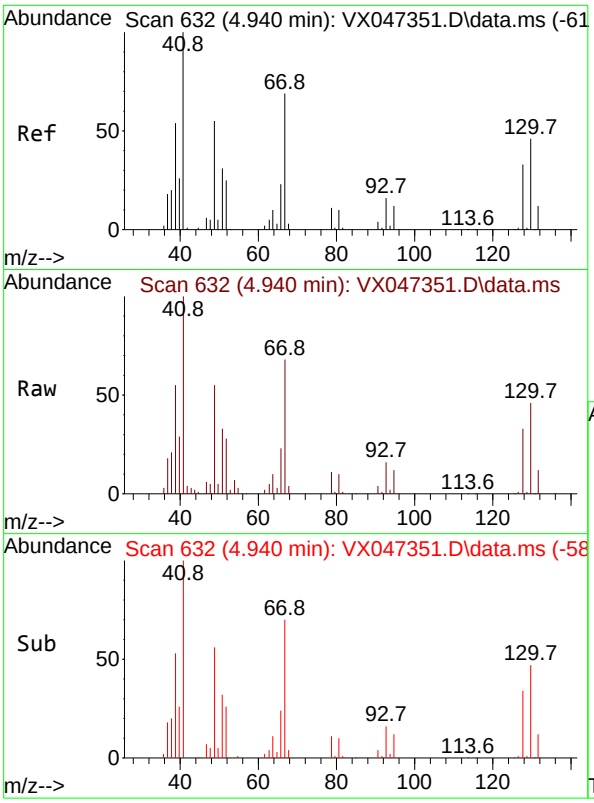


#40
Benzene
Concen: 55.477 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 78 Resp: 689965

Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.4



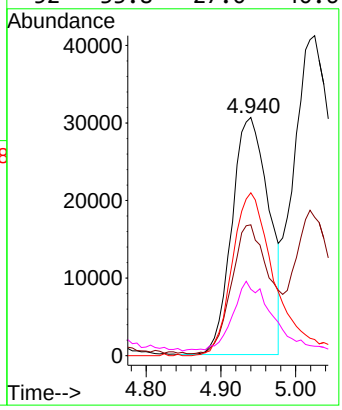


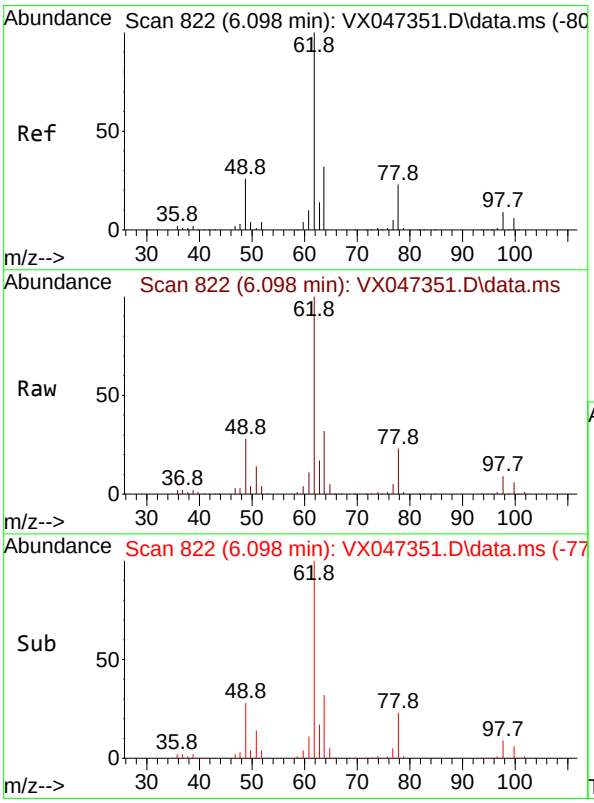
#41
Methacrylonitrile
Concen: 57.547 ug/l
RT: 4.940 min Scan# 6
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 104680

Ion	Ratio	Lower	Upper
41	100		
39	56.8	45.4	68.2
67	80.0	64.0	96.0
52	33.8	27.0	40.6

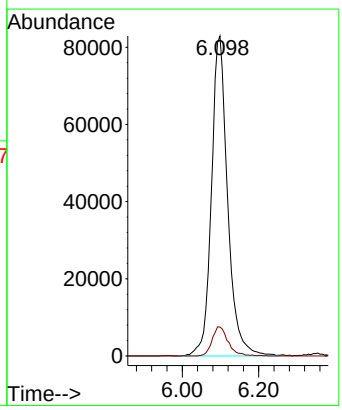


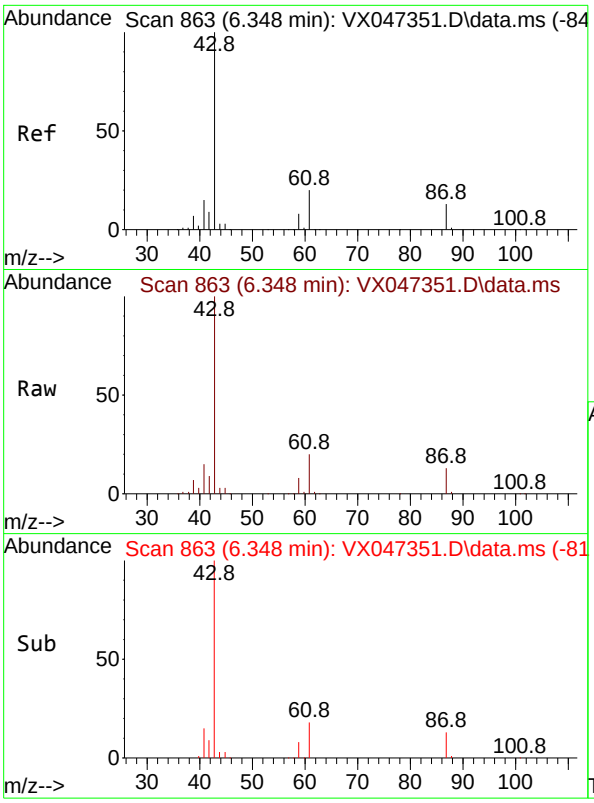


#42
1,2-Dichloroethane
Concen: 55.271 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 62 Resp: 243489

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.0



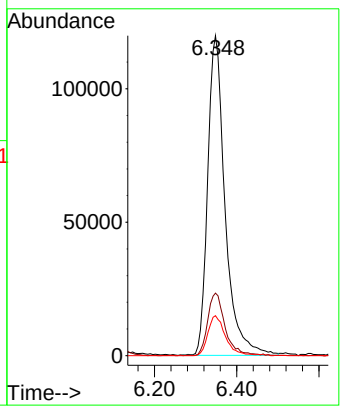


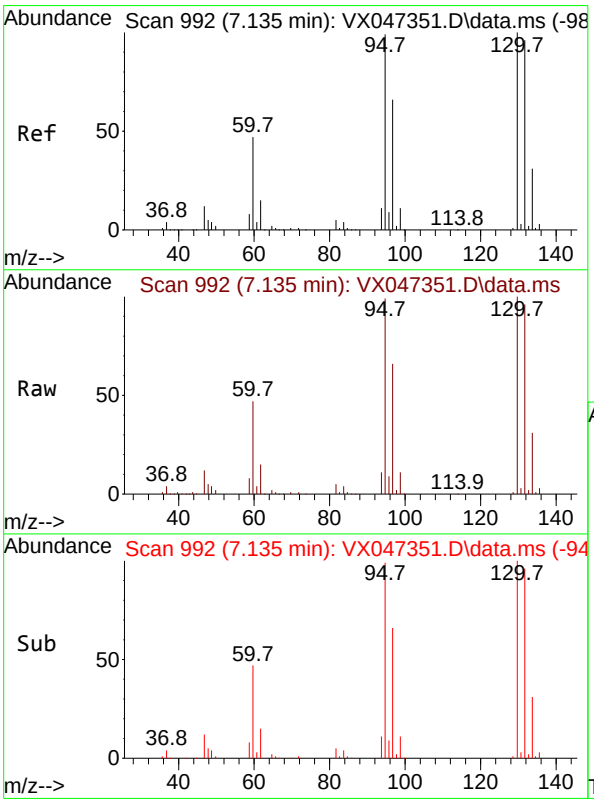
#43
Isopropyl Acetate
Concen: 56.817 ug/l
RT: 6.348 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 352090

Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.4	23.0
87	12.8	10.2	15.4

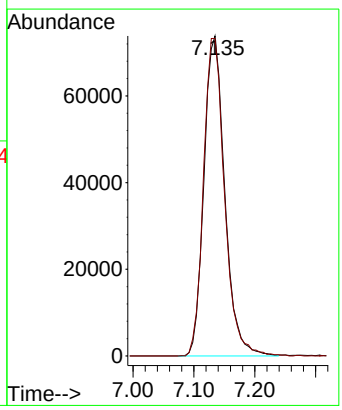


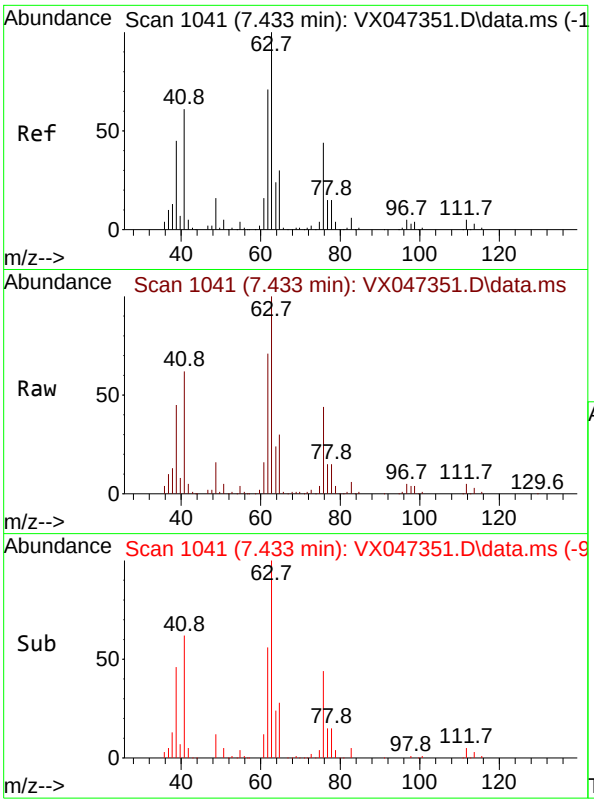


#44
Trichloroethene
Concen: 55.081 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion:130 Resp: 175409

Ion	Ratio	Lower	Upper
130	100		
95	99.3	0.0	198.6



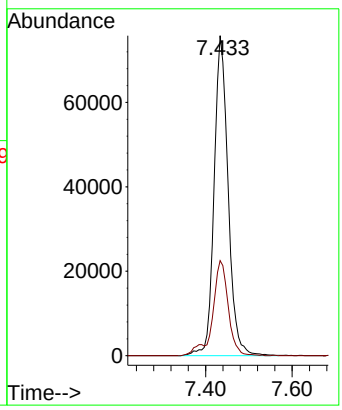


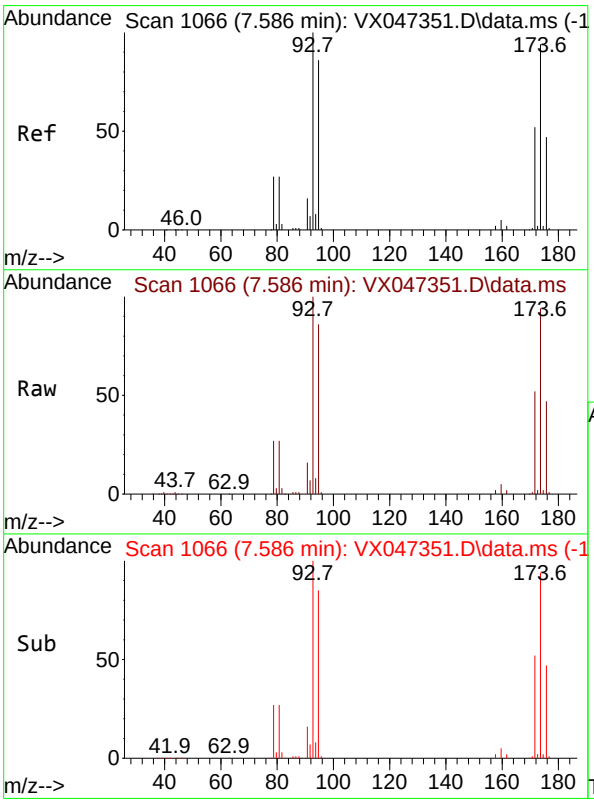
#45
1,2-Dichloropropane
Concen: 54.740 ug/l
RT: 7.433 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 63 Resp: 170556

Ion	Ratio	Lower	Upper
63	100		
65	29.7	23.8	35.6

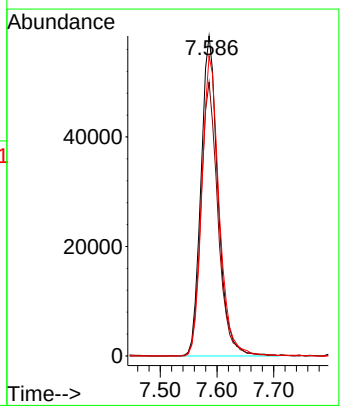


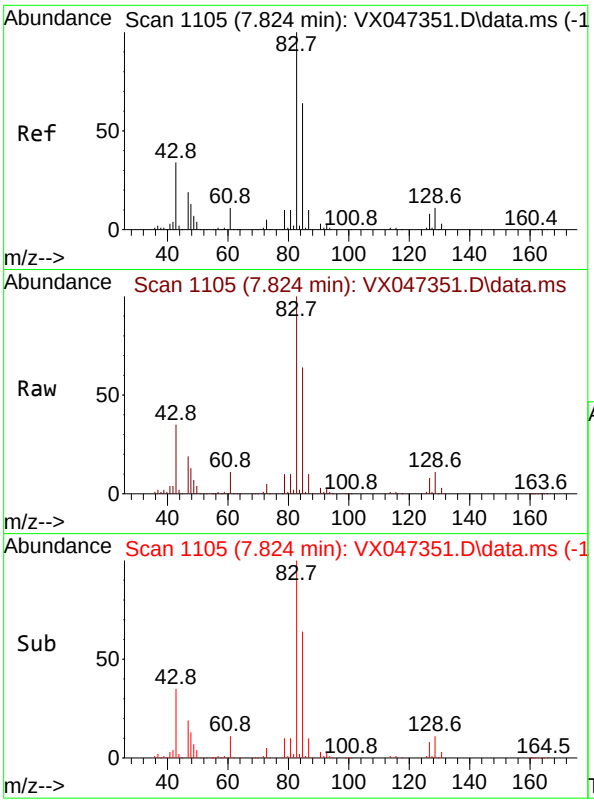


#46
Dibromomethane
Concen: 54.124 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 93 Resp: 122428

Ion	Ratio	Lower	Upper
93	100		
95	85.0	68.0	102.0
174	94.7	75.8	113.6



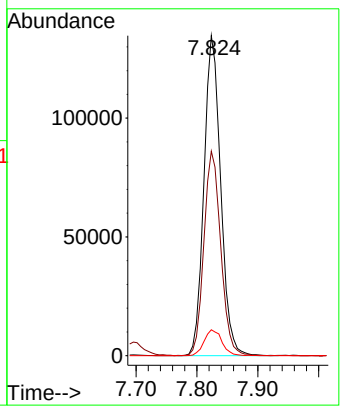


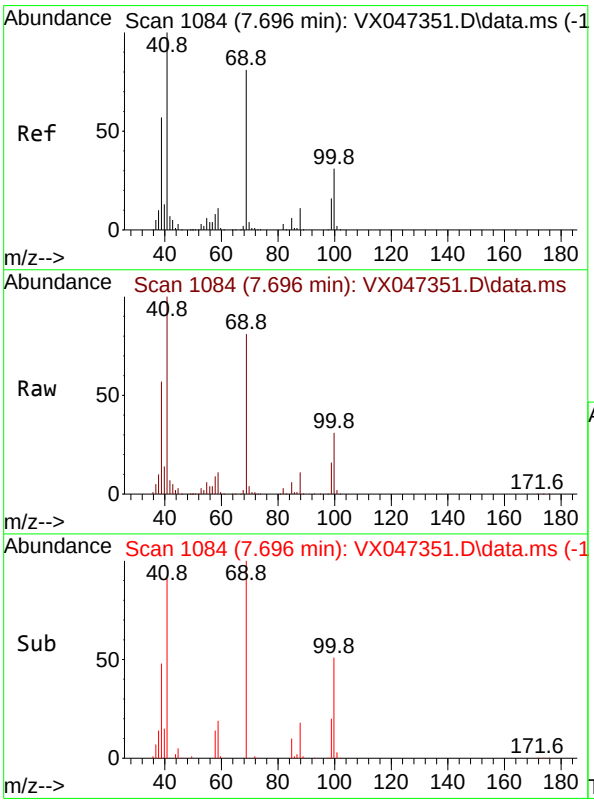
#47
Bromodichloromethane
Concen: 54.888 ug/l
RT: 7.824 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 257393

Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.0	76.6
127	8.7	7.0	10.4

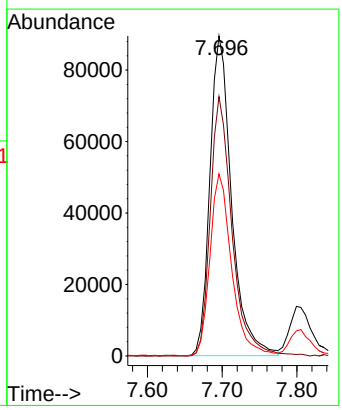


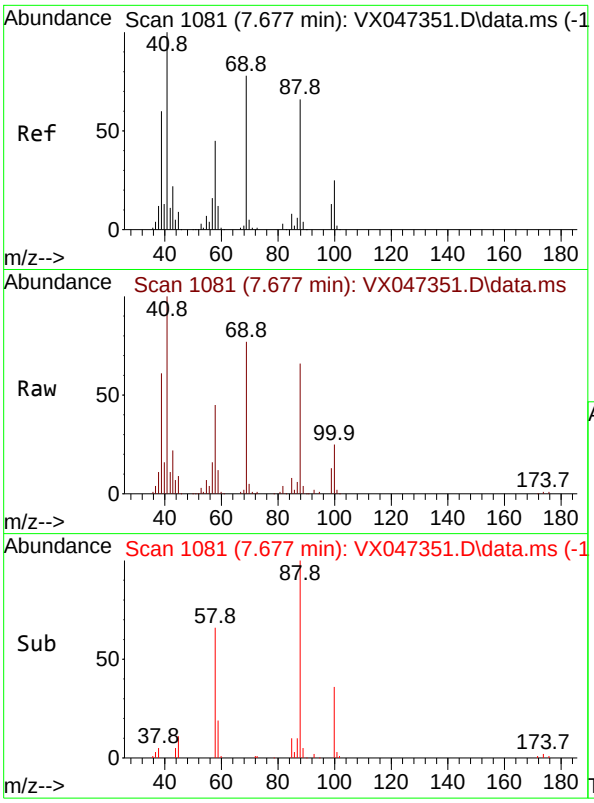


#48
Methyl methacrylate
Concen: 56.136 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 41 Resp: 180568

Ion	Ratio	Lower	Upper
41	100		
69	81.2	65.0	97.4
39	57.1	45.7	68.5



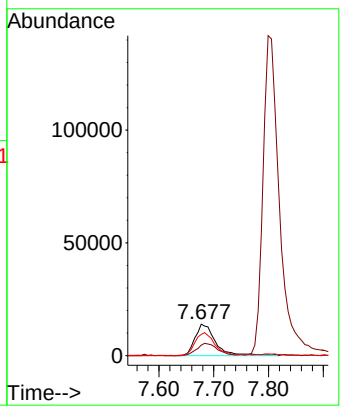


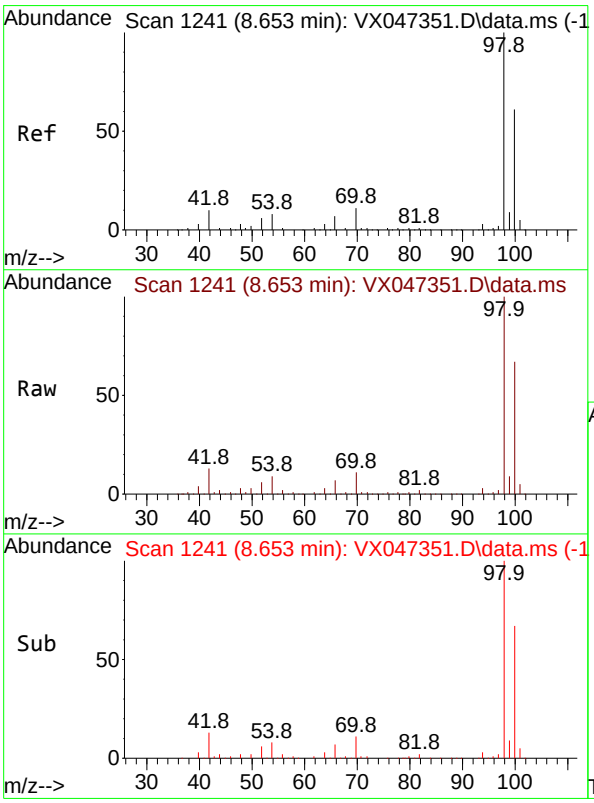
#49
1,4-Dioxane
Concen: 1188.274 ug/l
RT: 7.677 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 88 Resp: 36298

Ion	Ratio	Lower	Upper
88	100		
43	40.5	32.4	48.6
58	71.1	56.9	85.3

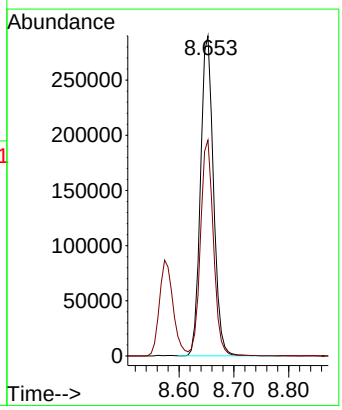


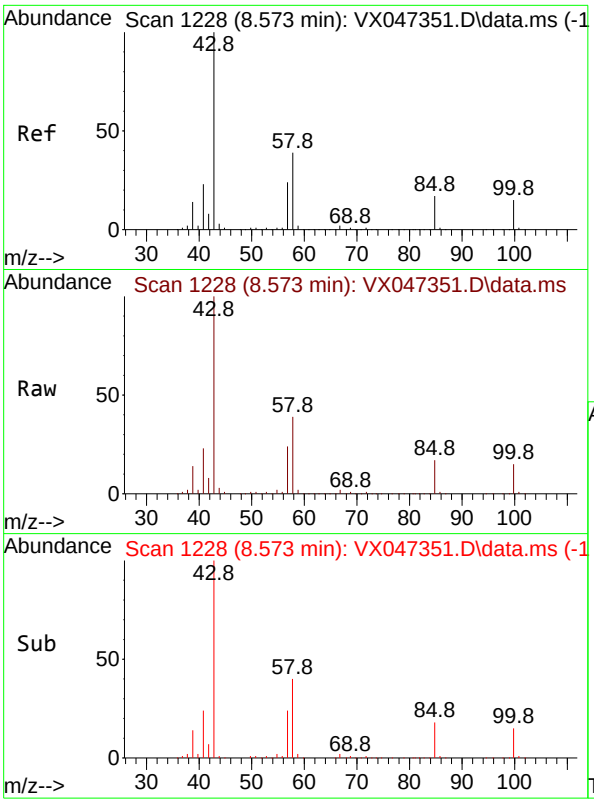


#50
Toluene-d8
Concen: 50.492 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 98 Resp: 475041

Ion	Ratio	Lower	Upper
98	100		
100	67.4	53.9	80.9



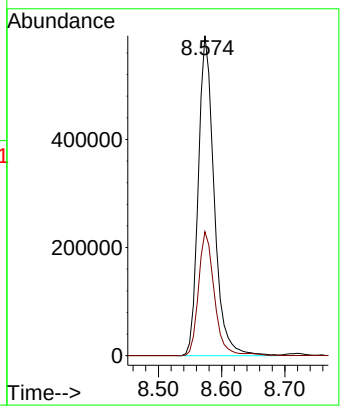


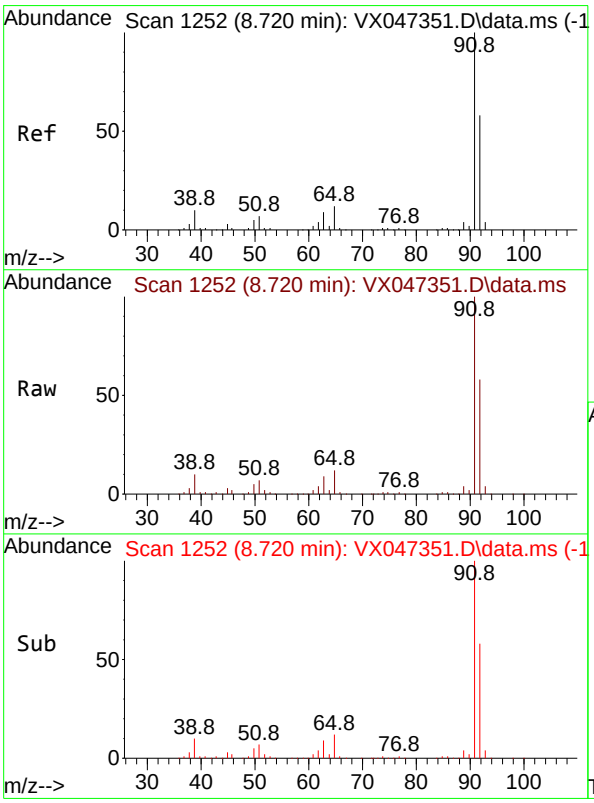
#51
4-Methyl-2-Pentanone
Concen: 289.311 ug/l
RT: 8.573 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 1031709

Ion	Ratio	Lower	Upper
43	100		
58	39.0	31.2	46.8

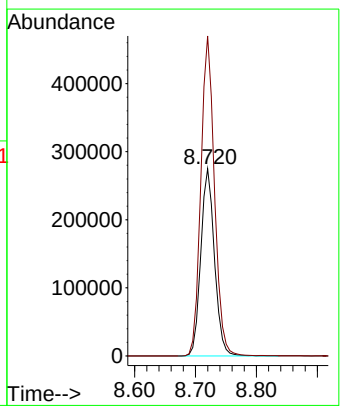


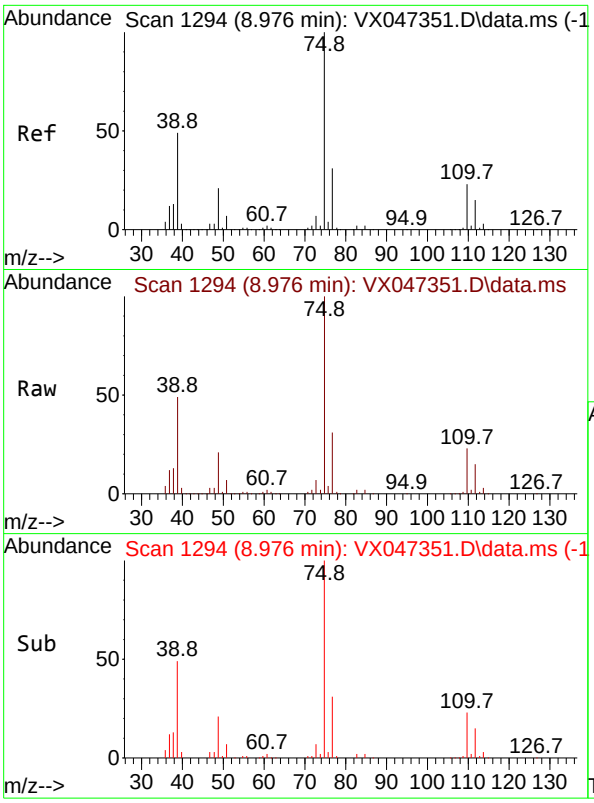


#52
Toluene
Concen: 55.767 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 92 Resp: 428577

Ion	Ratio	Lower	Upper
92	100		
91	170.4	136.3	204.5



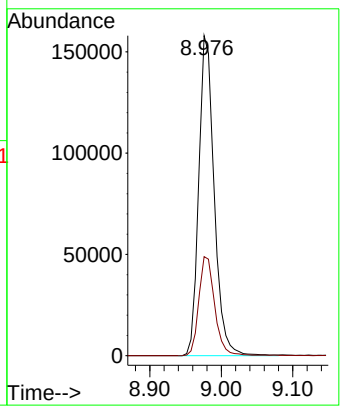


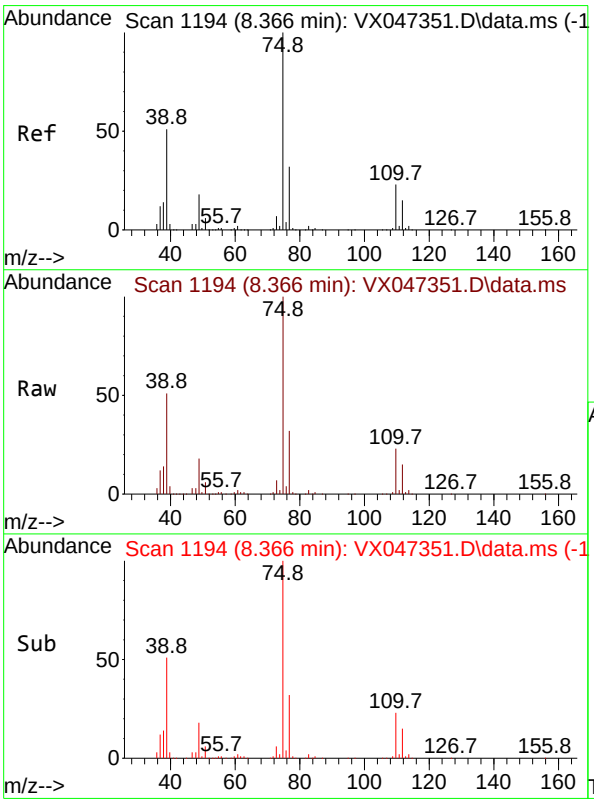
#53
t-1,3-Dichloropropene
Concen: 57.913 ug/l
RT: 8.976 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 237021

Ion	Ratio	Lower	Upper
75	100		
77	30.9	24.7	37.1

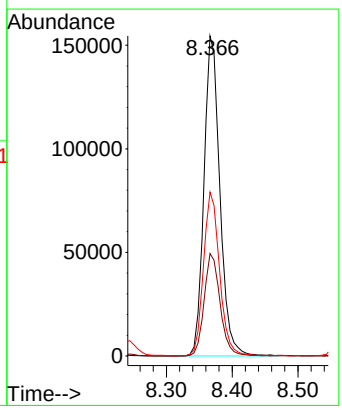


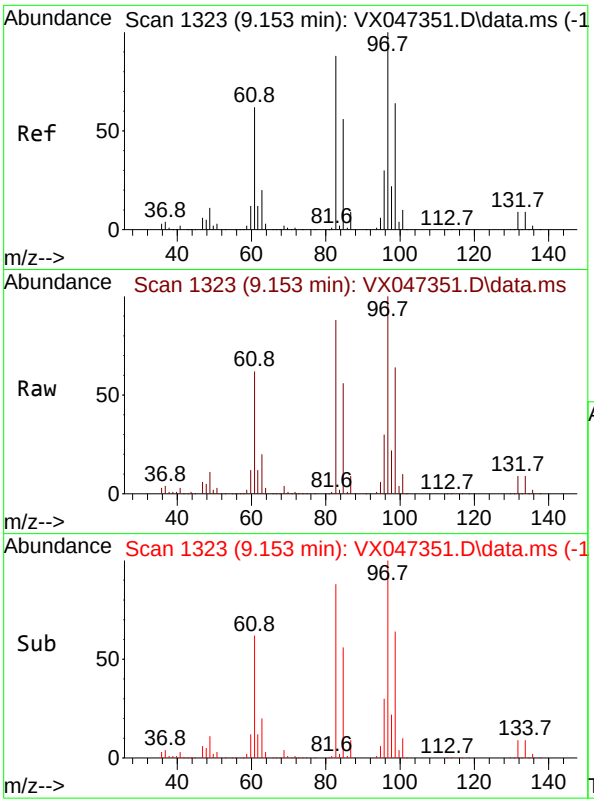


#54
cis-1,3-Dichloropropene
Concen: 56.202 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 75 Resp: 260352

Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.6	38.4
39	51.1	40.9	61.3



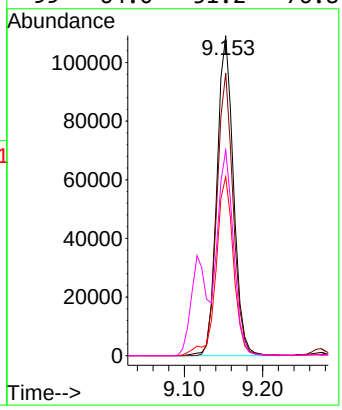


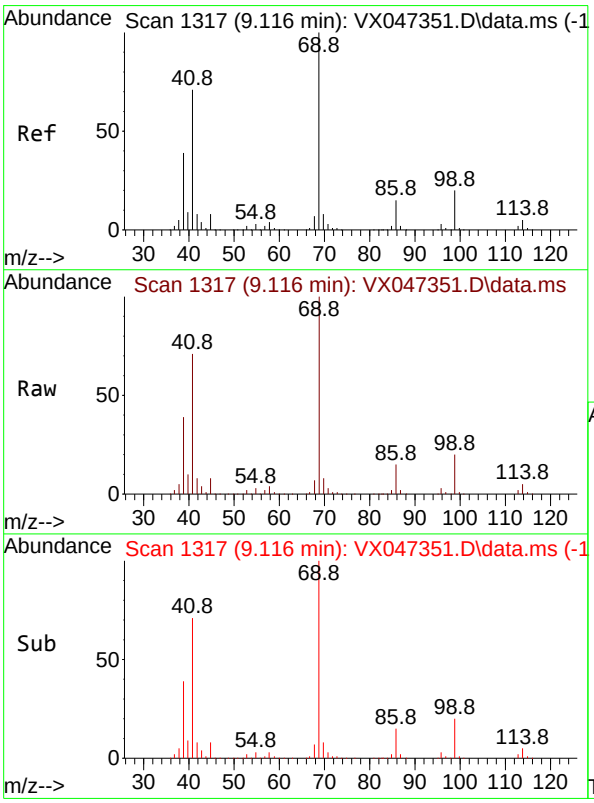
#55
1,1,2-Trichloroethane
Concen: 54.984 ug/l
RT: 9.153 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 97 Resp: 160439

Ion	Ratio	Lower	Upper
97	100		
83	88.3	70.6	106.0
85	55.9	44.7	67.1
99	64.0	51.2	76.8

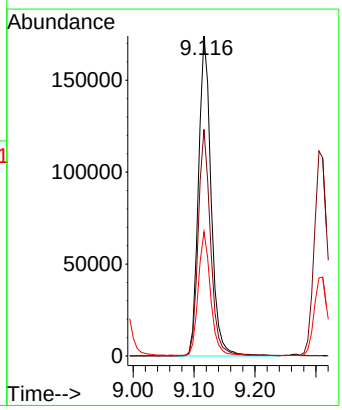


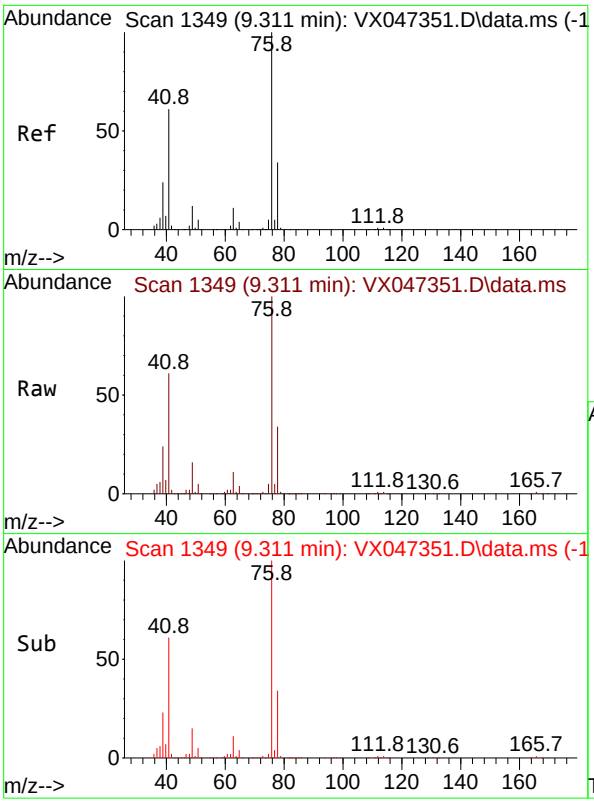


#56
Ethyl methacrylate
Concen: 58.164 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 69 Resp: 250221

Ion	Ratio	Lower	Upper
69	100		
41	69.1	55.3	82.9
39	37.7	30.2	45.2



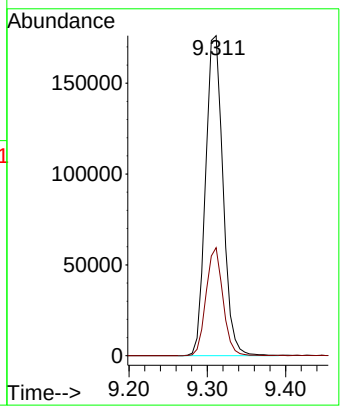


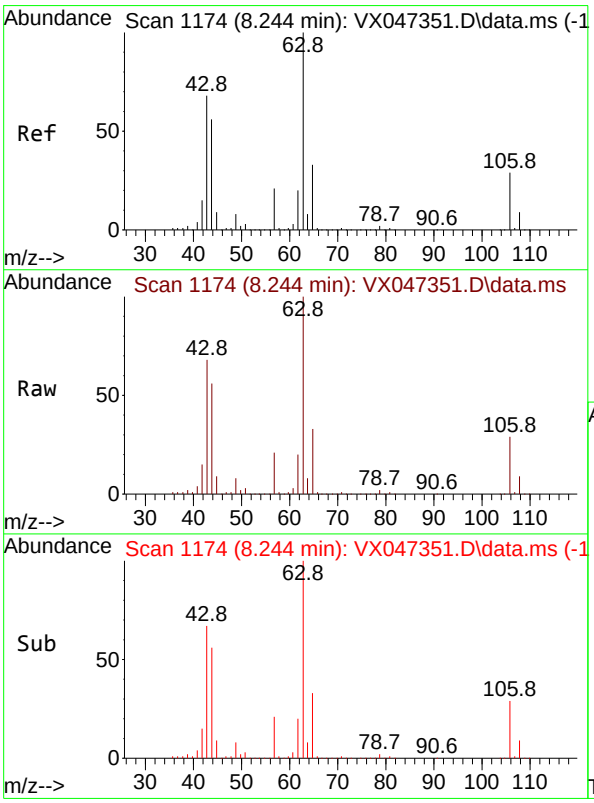
#57
1,3-Dichloropropane
Concen: 54.656 ug/l
RT: 9.311 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 271755

Ion	Ratio	Lower	Upper
76	100		
78	32.7	26.2	39.2

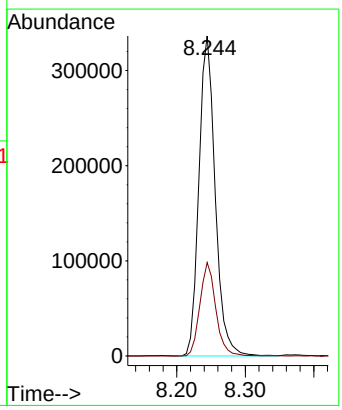


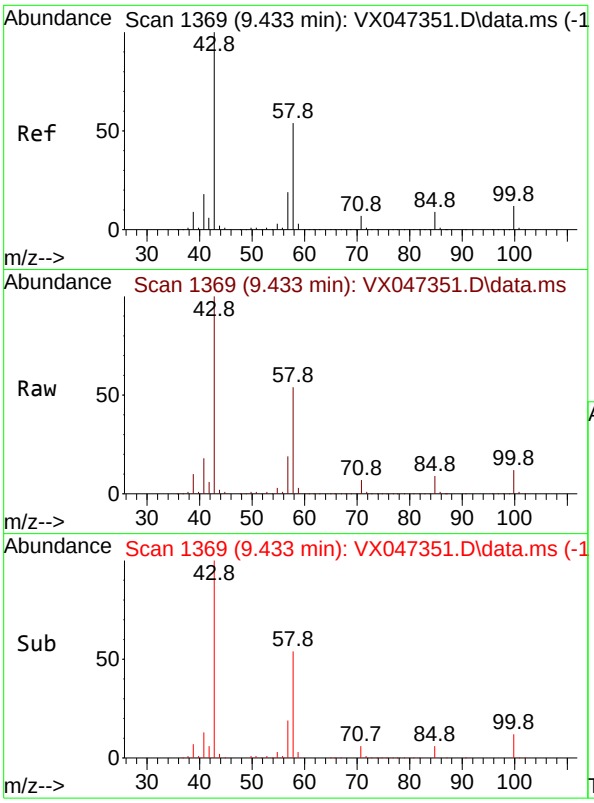


#58
2-Chloroethyl Vinyl ether
Concen: 269.738 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 63 Resp: 555513

Ion	Ratio	Lower	Upper
63	100		
106	28.5	22.8	34.2



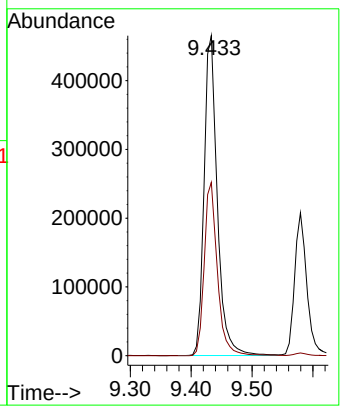


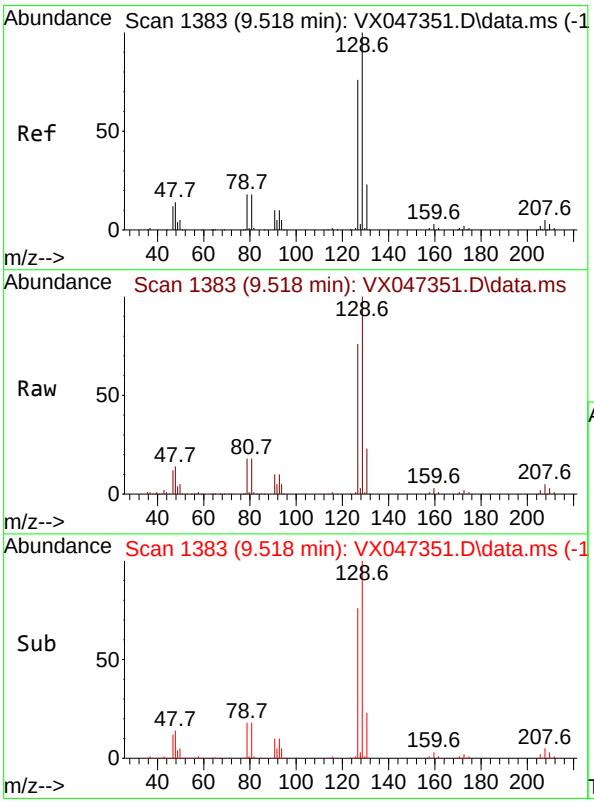
#59
2-Hexanone
Concen: 285.099 ug/l
RT: 9.433 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 703268

Ion	Ratio	Lower	Upper
43	100		
58	53.8	26.9	80.7

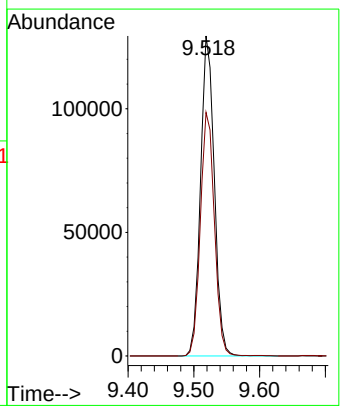


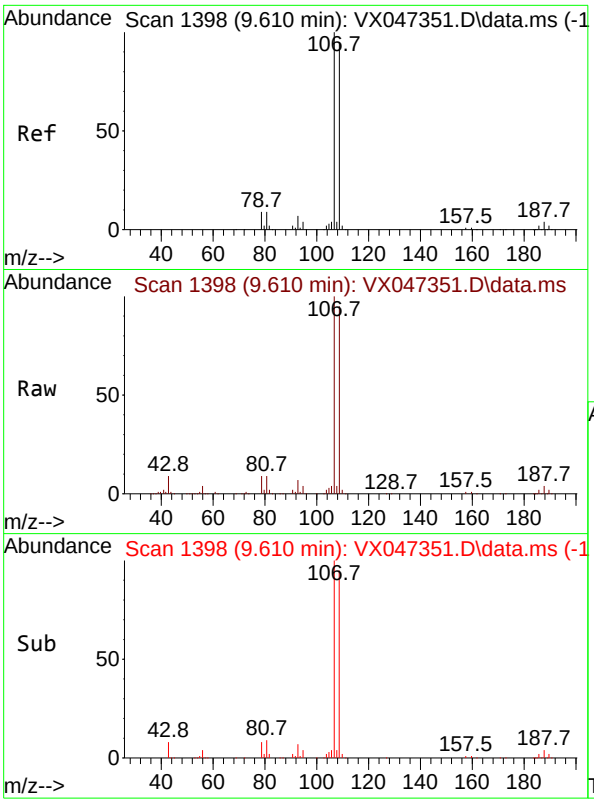


#60
Dibromochloromethane
Concen: 54.326 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion:129 Resp: 188384

Ion	Ratio	Lower	Upper
129	100		
127	77.7	38.9	116.6



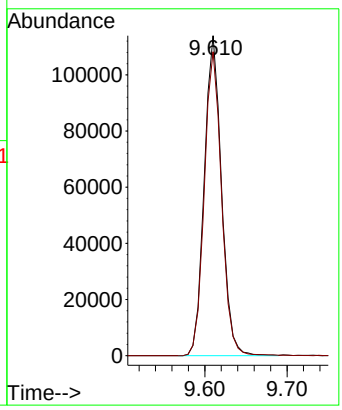


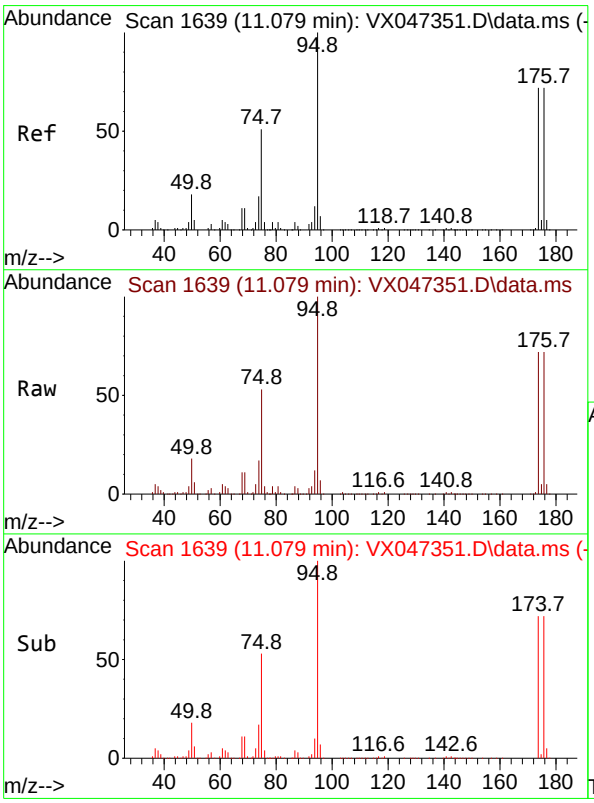
#61
1,2-Dibromoethane
Concen: 55.095 ug/l
RT: 9.610 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:107 Resp: 165776

Ion	Ratio	Lower	Upper
107	100		
109	95.2	76.2	114.2

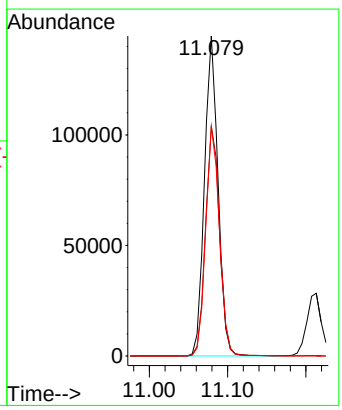


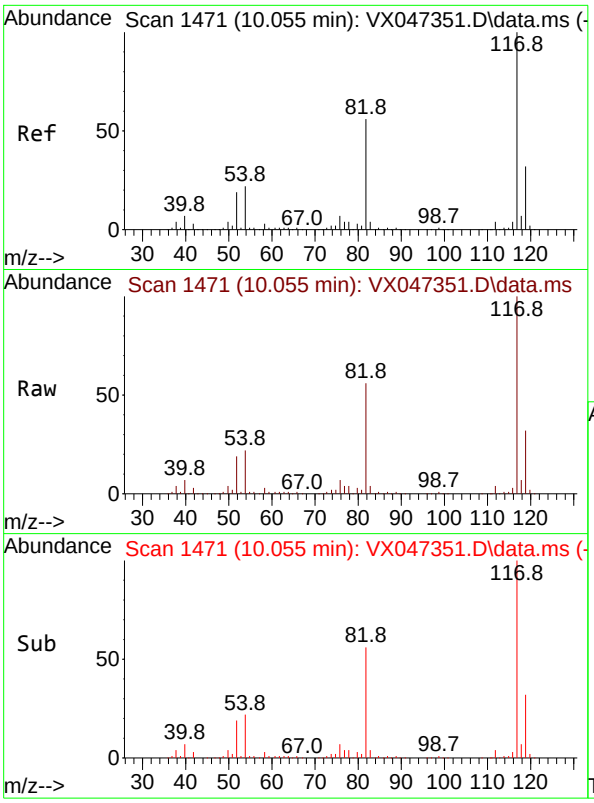


#62
4-Bromofluorobenzene
Concen: 50.050 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 95 Resp: 173764

Ion	Ratio	Lower	Upper
95	100		
174	74.0	0.0	148.0
176	72.7	0.0	145.4



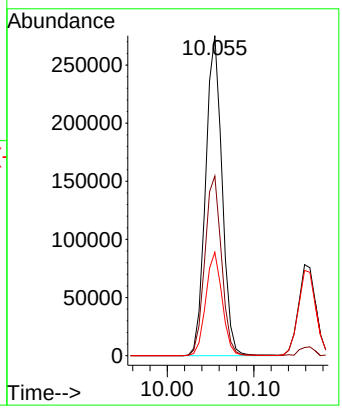


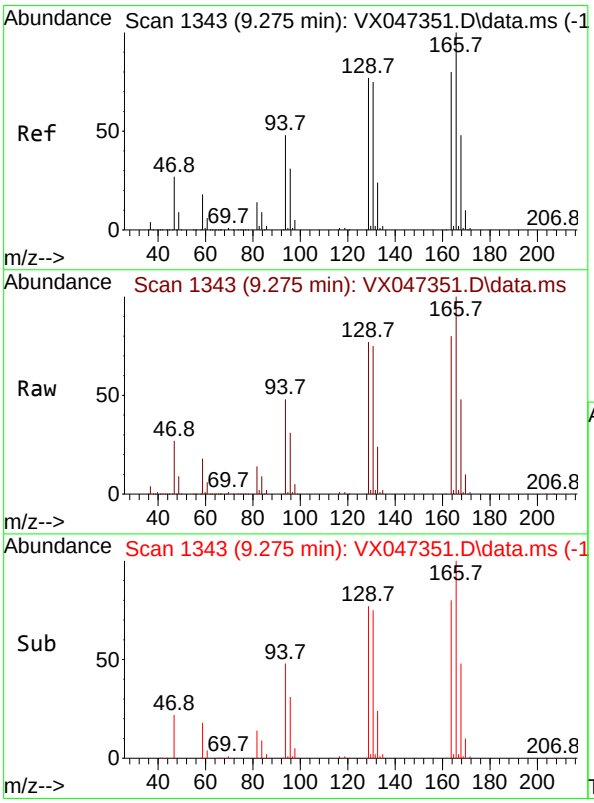
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 363128

Ion	Ratio	Lower	Upper
117	100		
82	56.2	45.0	67.4
119	32.3	25.8	38.8

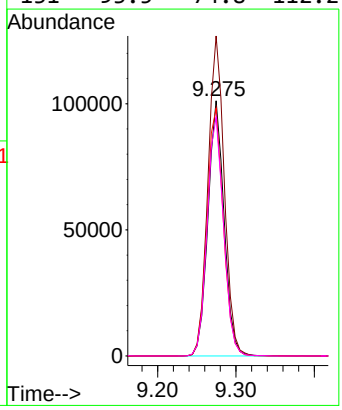


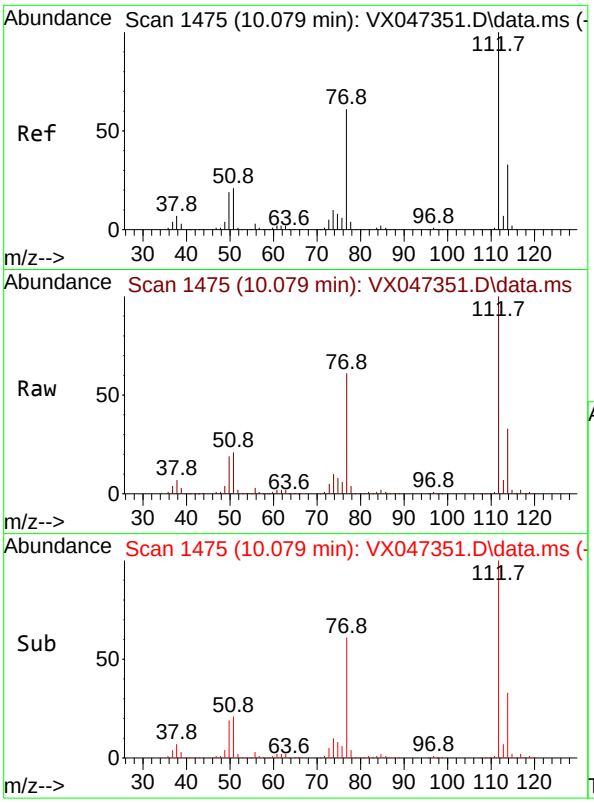


#64
Tetrachloroethene
Concen: 54.962 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion:164 Resp: 144361

Ion	Ratio	Lower	Upper
164	100		
166	125.4	100.3	150.5
129	97.1	77.7	116.5
131	93.5	74.8	112.2



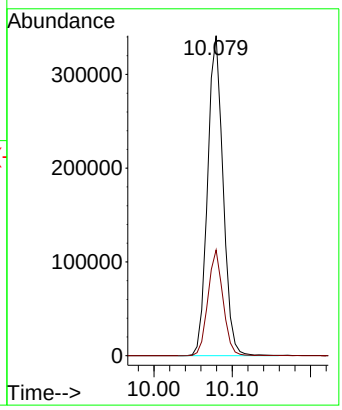


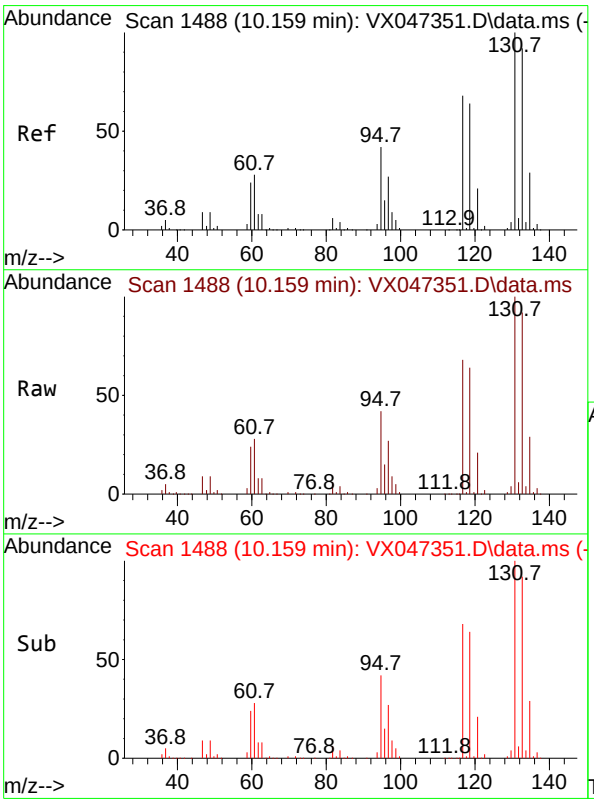
#65
Chlorobenzene
Concen: 54.119 ug/l
RT: 10.079 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 467009

Ion	Ratio	Lower	Upper
112	100		
114	33.0	26.4	39.6

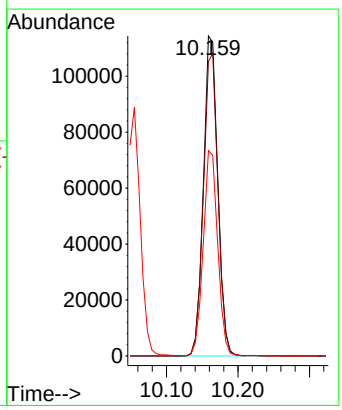


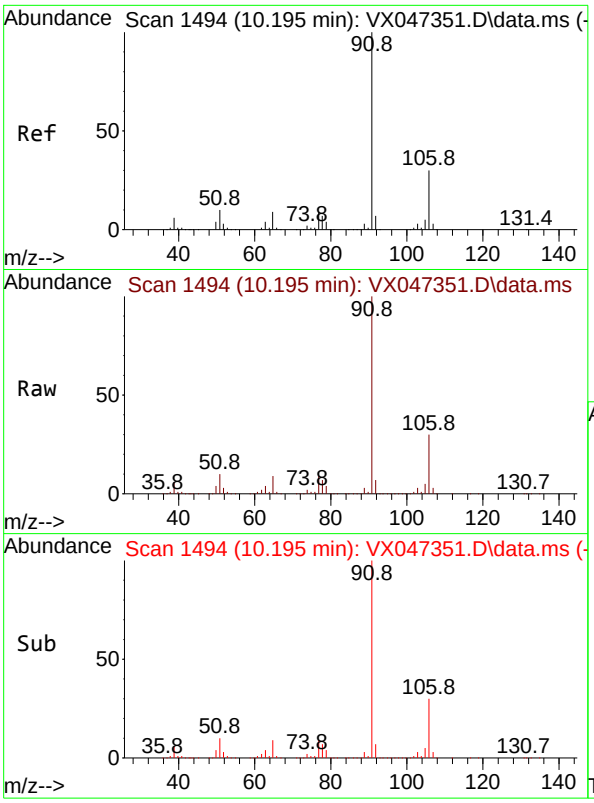


#66
1,1,1,2-Tetrachloroethane
Concen: 54.954 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion:131 Resp: 160305

Ion	Ratio	Lower	Upper
131	100		
133	95.3	47.6	142.9
119	64.5	32.3	96.8



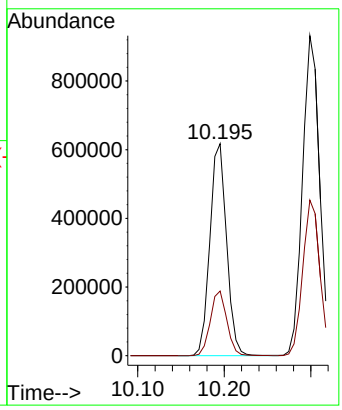


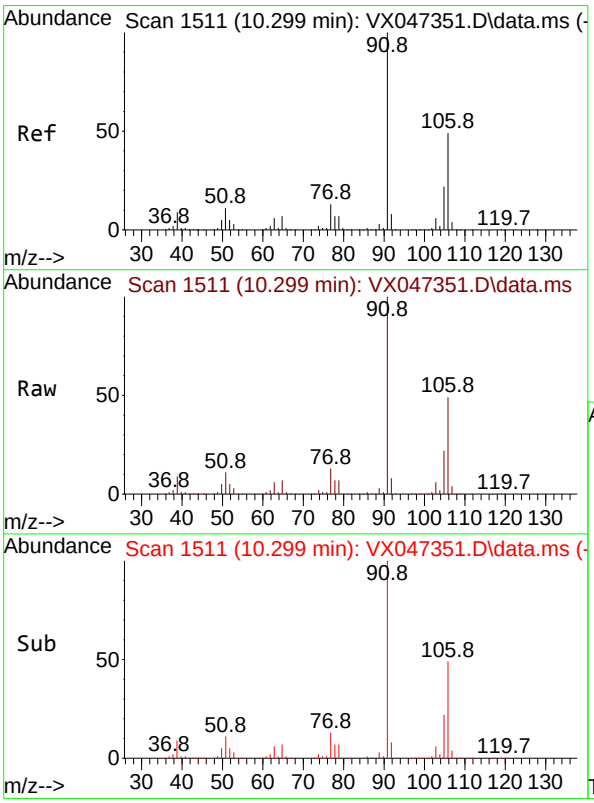
#67
Ethyl Benzene
Concen: 55.667 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 826783

Ion	Ratio	Lower	Upper
91	100		
106	30.5	24.4	36.6

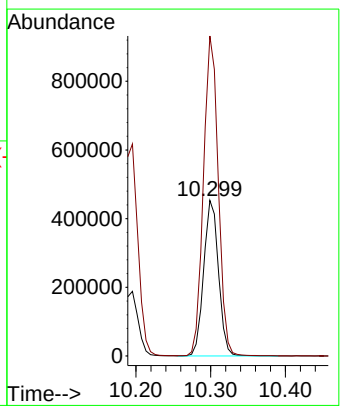


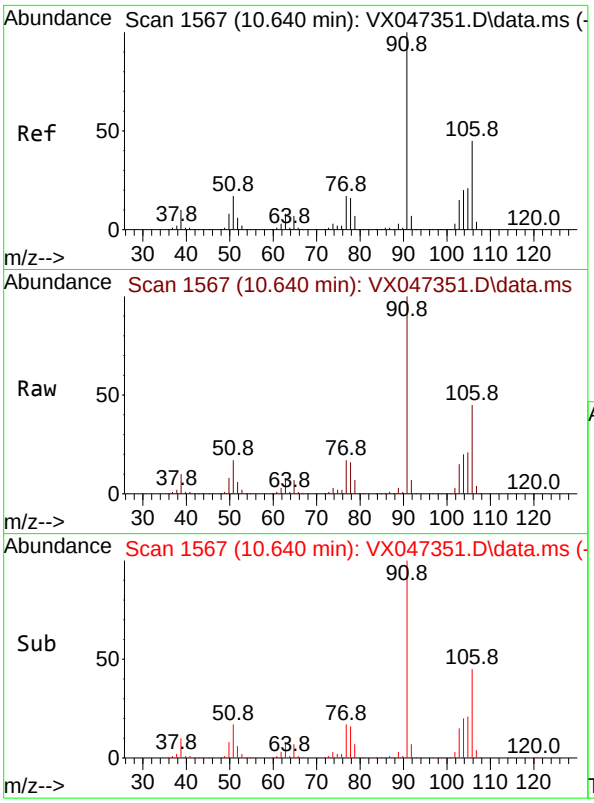


#68
m/p-Xylenes
Concen: 112.475 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion:106 Resp: 622895

Ion	Ratio	Lower	Upper
106	100		
91	205.9	164.7	247.1



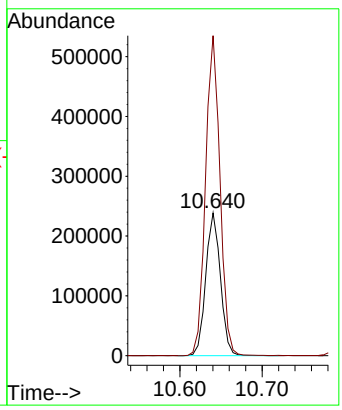


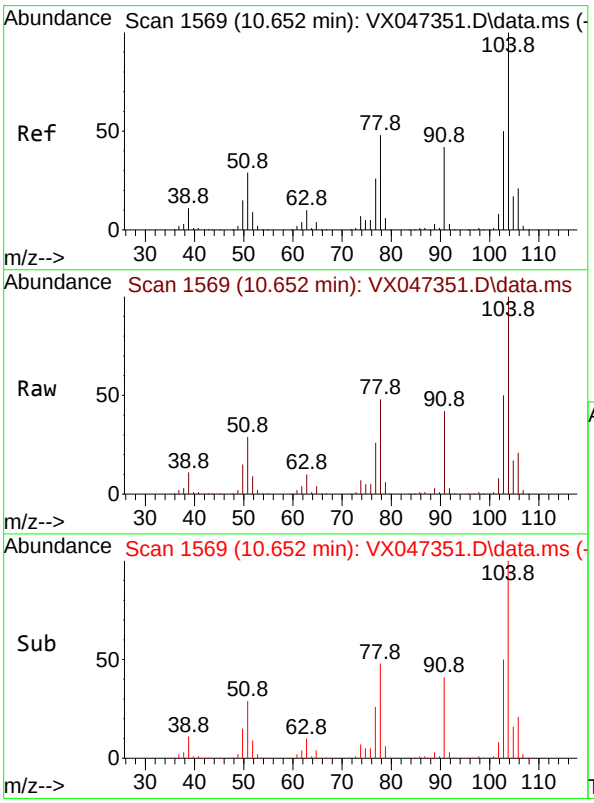
#69
o-Xylene
Concen: 55.407 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 295290

Ion	Ratio	Lower	Upper
106	100		
91	221.2	110.6	331.8

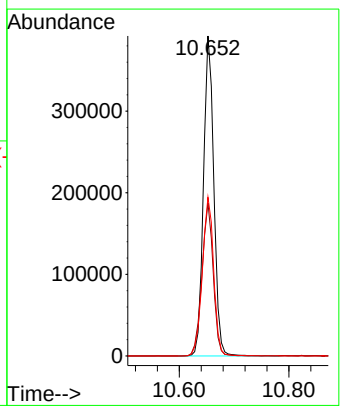


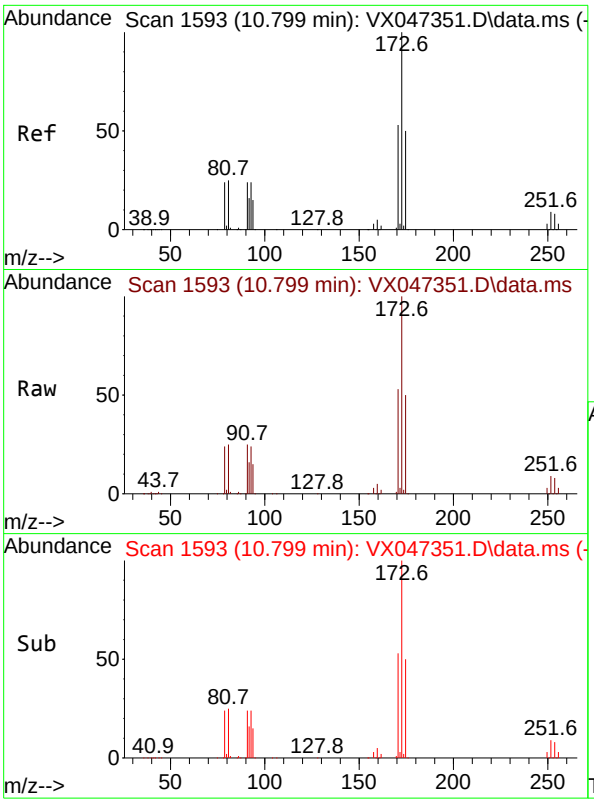


#70
Styrene
Concen: 56.883 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion:104 Resp: 512239

Ion	Ratio	Lower	Upper
104	100		
78	52.3	41.8	62.8
103	54.5	43.6	65.4



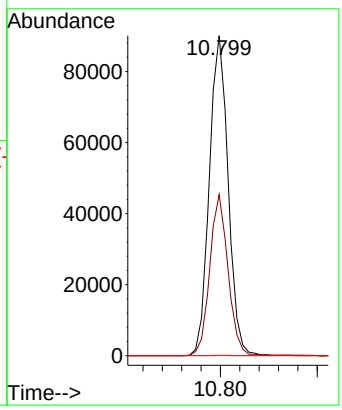


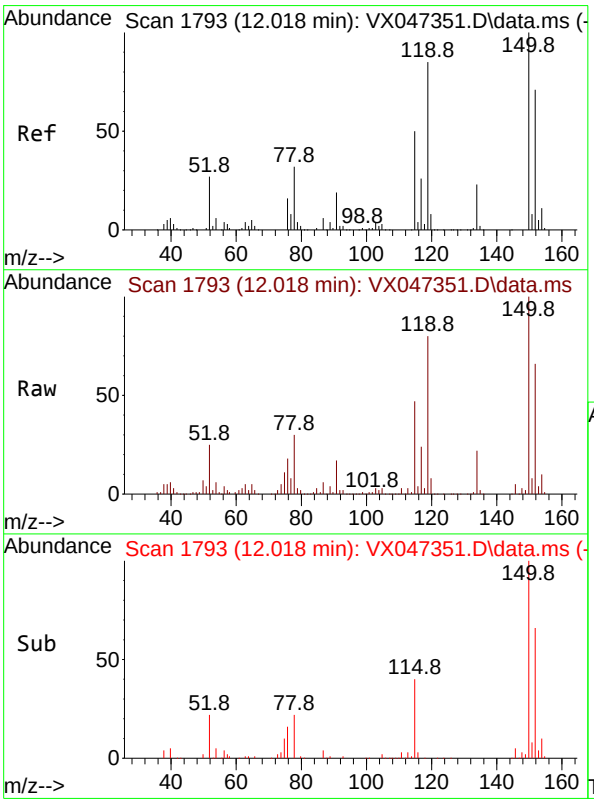
#71
Bromoform
Concen: 55.530 ug/l
RT: 10.799 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:173 Resp: 121692

Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.4	73.4
254	0.1	0.1	0.1

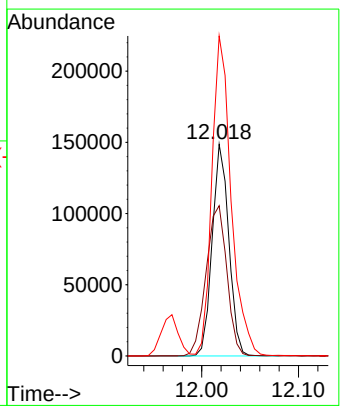


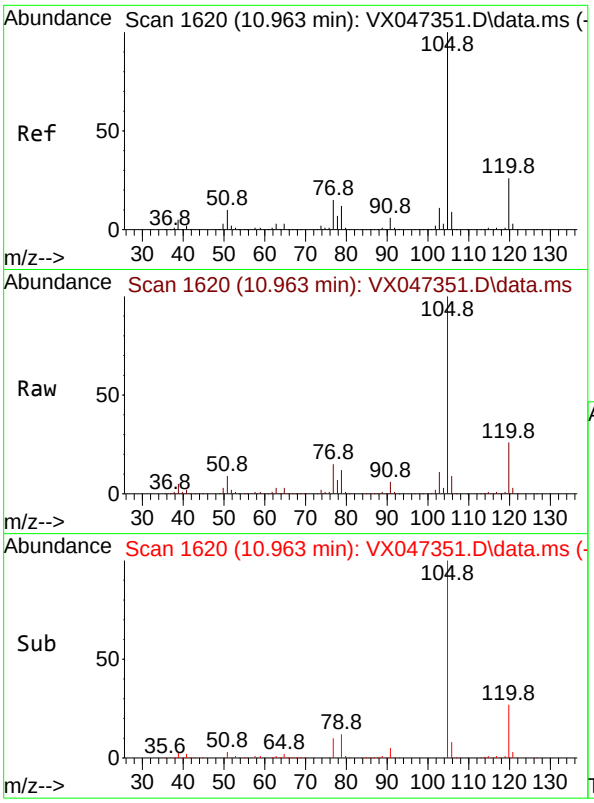


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion:152 Resp: 177366

Ion	Ratio	Lower	Upper
152	100		
115	89.2	44.6	133.8
150	174.9	0.0	349.8



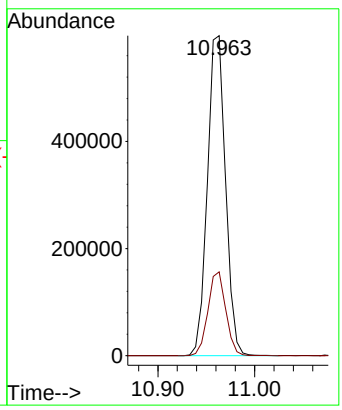


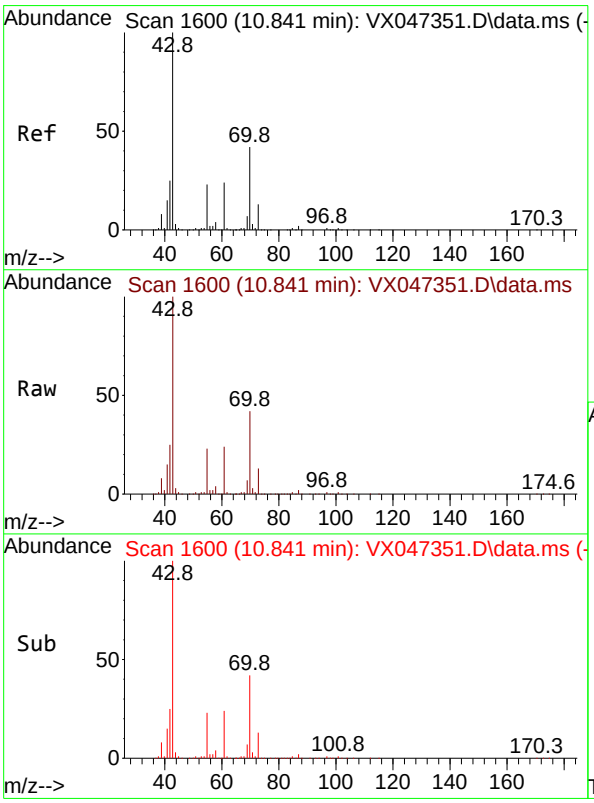
#73
Isopropylbenzene
Concen: 56.210 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 780181

Ion	Ratio	Lower	Upper
105	100		
120	25.7	12.9	38.6

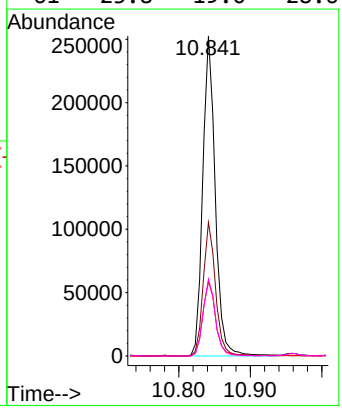


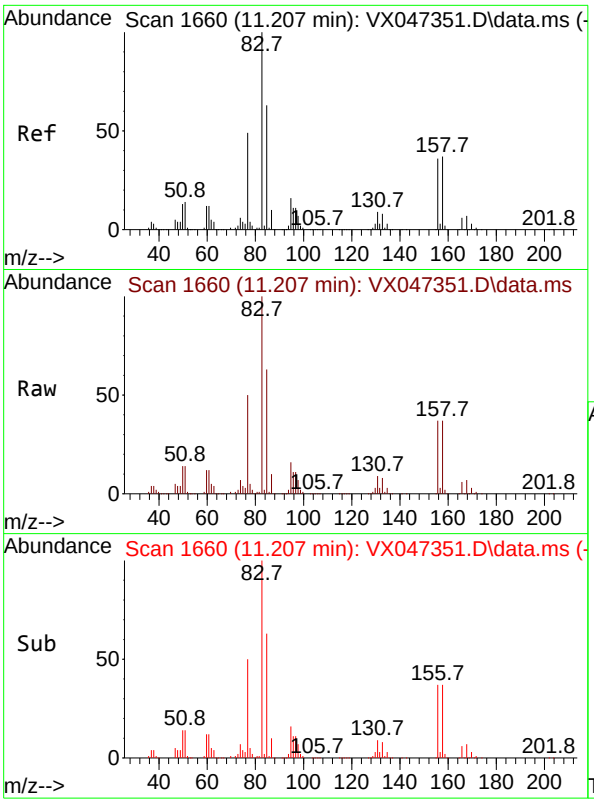


#74
N-amyl acetate
Concen: 58.194 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 43 Resp: 306720

Ion	Ratio	Lower	Upper
43	100		
70	41.4	33.1	49.7
55	23.8	19.0	28.6
61	23.8	19.0	28.6



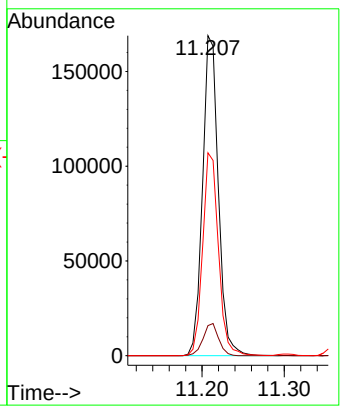


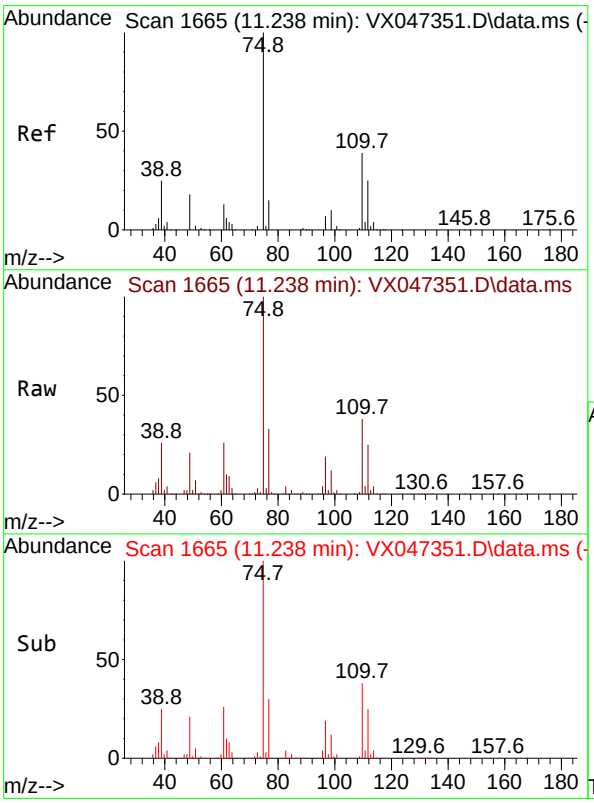
#75
1,1,2,2-Tetrachloroethane
Concen: 55.228 ug/l
RT: 11.207 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 225063

Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.0	15.0
85	63.4	31.7	95.1

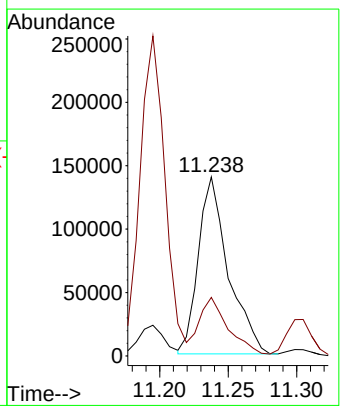


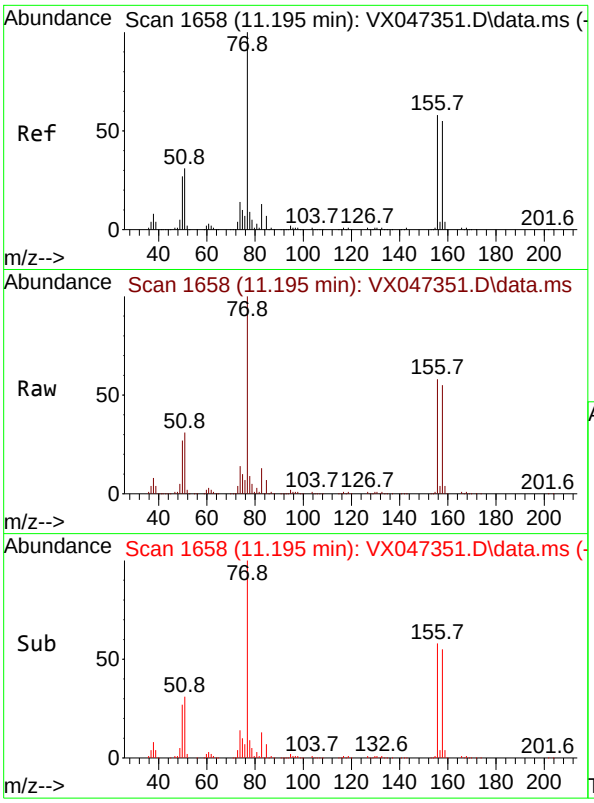


#76
1,2,3-Trichloropropane
Concen: 65.413 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 75 Resp: 212795

Ion	Ratio	Lower	Upper
75	100		
77	32.8	19.4	58.2



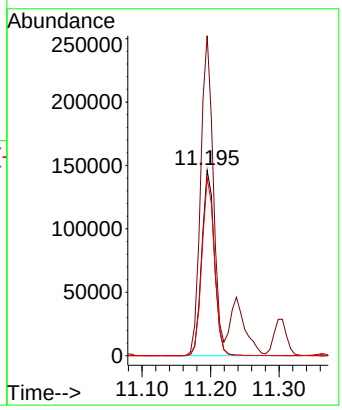


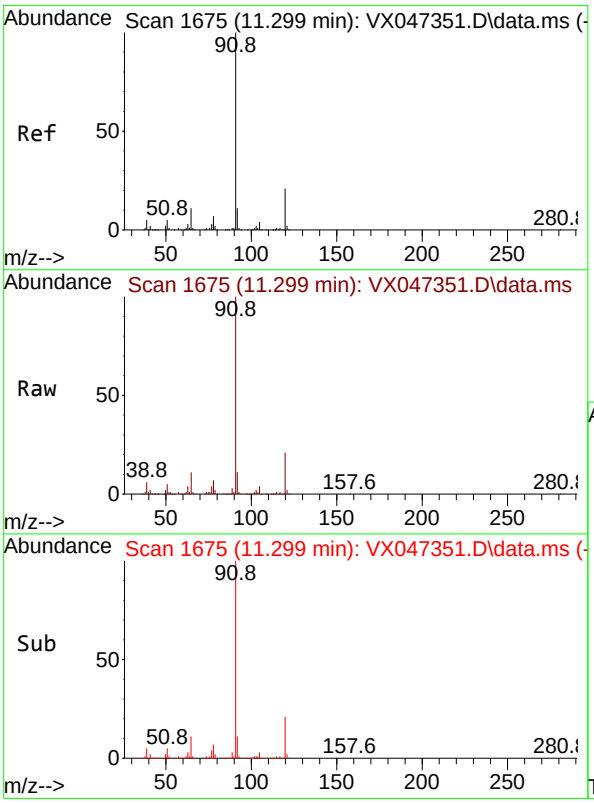
#77
Bromobenzene
Concen: 55.124 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:156 Resp: 186832

Ion	Ratio	Lower	Upper
156	100		
77	172.6	86.3	258.9
158	96.1	48.0	144.2

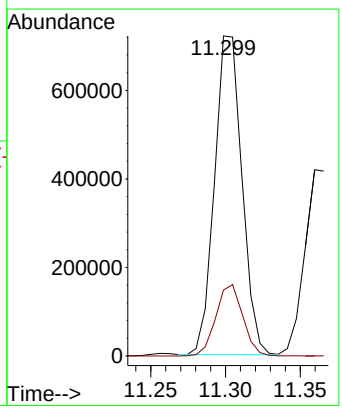


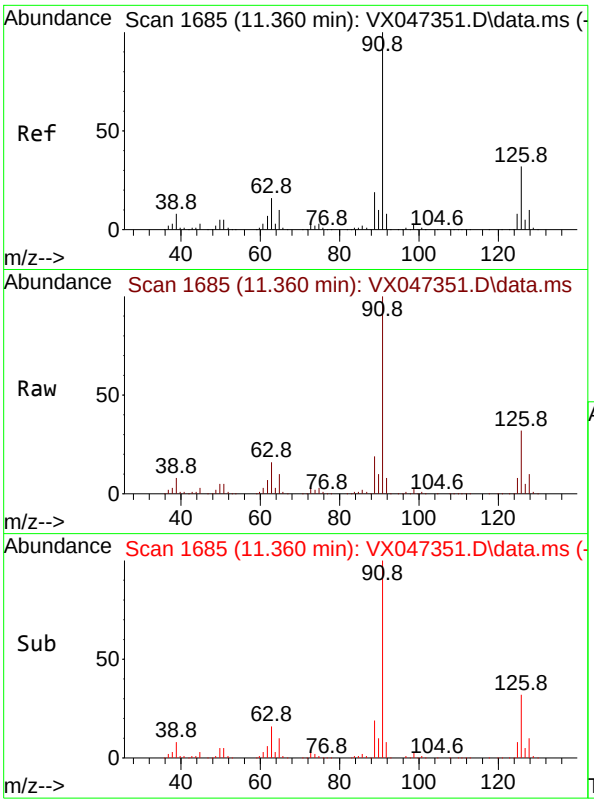


#78
n-propylbenzene
Concen: 55.413 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 91 Resp: 918573

Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.0	33.0



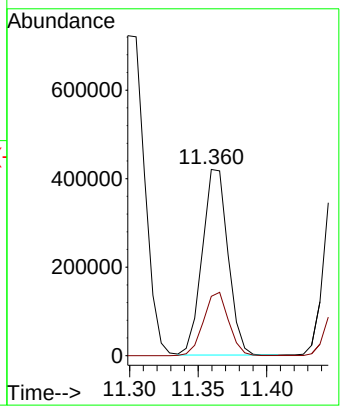


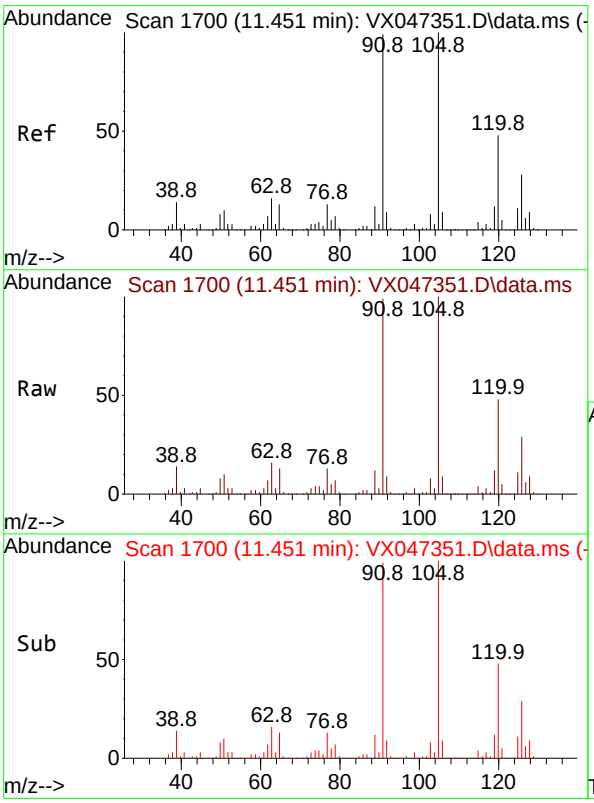
#79
2-Chlorotoluene
Concen: 54.793 ug/l
RT: 11.360 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 549070

Ion	Ratio	Lower	Upper
91	100		
126	33.4	16.7	50.1

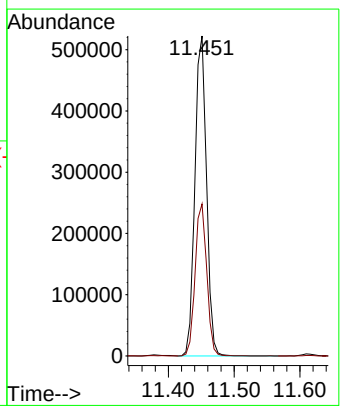


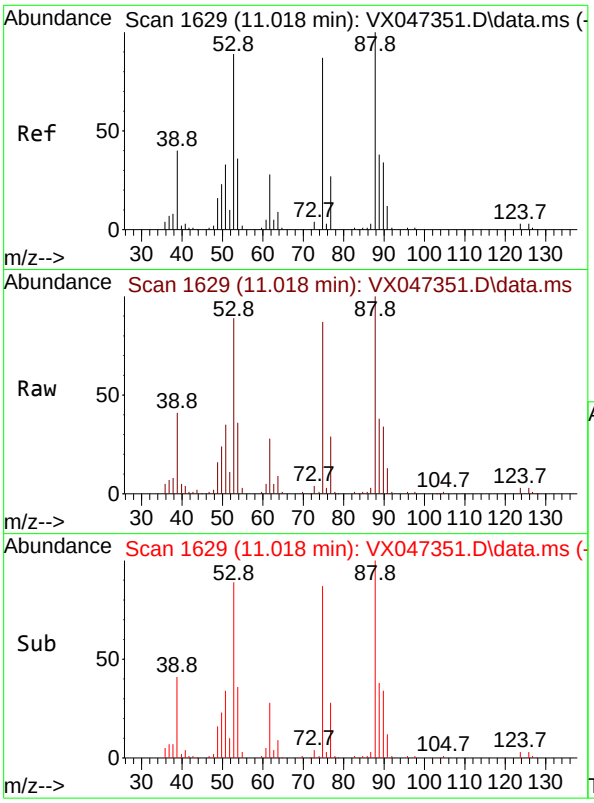


#80
1,3,5-Trimethylbenzene
Concen: 55.720 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion:105 Resp: 636323

Ion	Ratio	Lower	Upper
105	100		
120	47.8	23.9	71.7



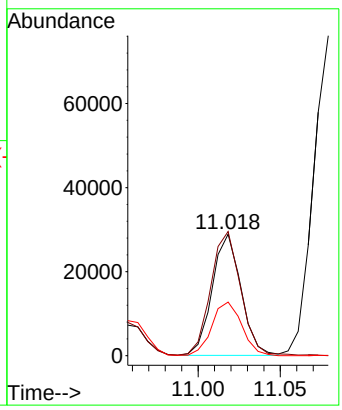


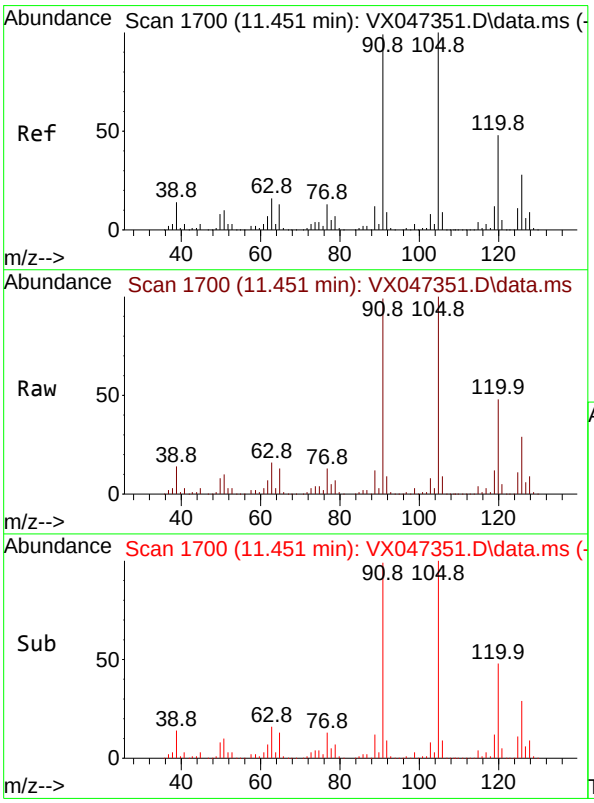
#81
trans-1,4-Dichloro-2-butene
Concen: 47.608 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 35295

Ion	Ratio	Lower	Upper
75	100		
53	106.5	85.2	127.8
89	45.9	36.7	55.1

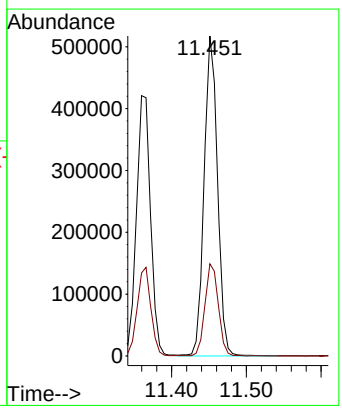


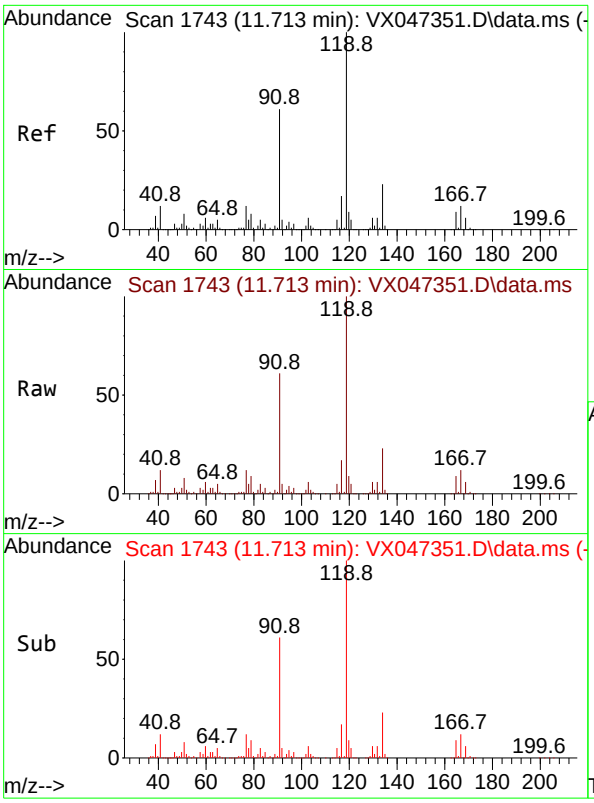


#82
4-Chlorotoluene
Concen: 54.505 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 91 Resp: 643830

Ion	Ratio	Lower	Upper
91	100		
126	28.7	14.4	43.0



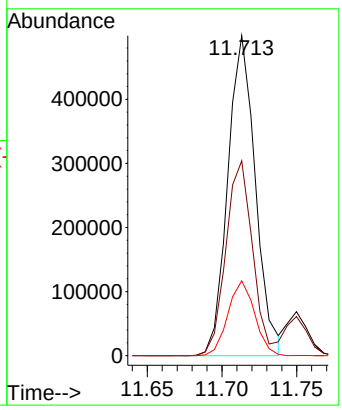


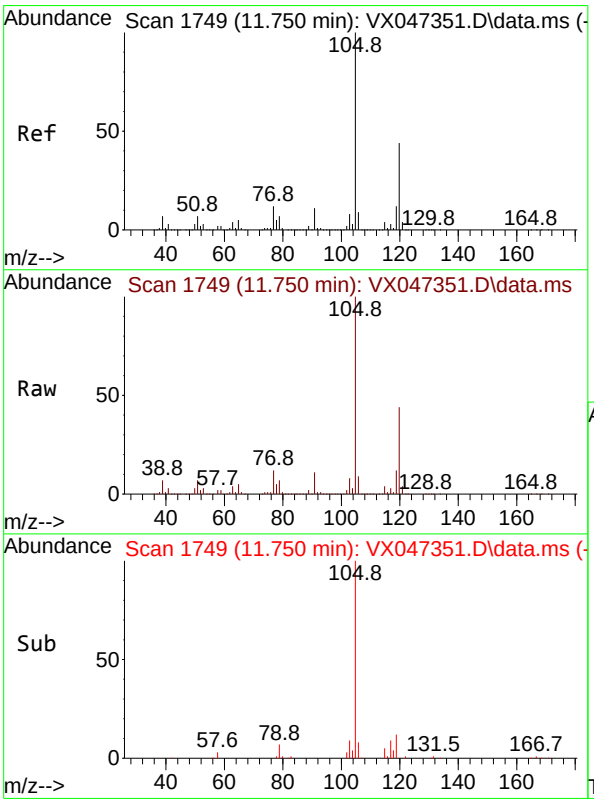
#83
tert-Butylbenzene
Concen: 56.344 ug/l
RT: 11.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:119 Resp: 641951

Ion	Ratio	Lower	Upper
119	100		
91	58.3	29.1	87.4
134	22.6	11.3	33.9

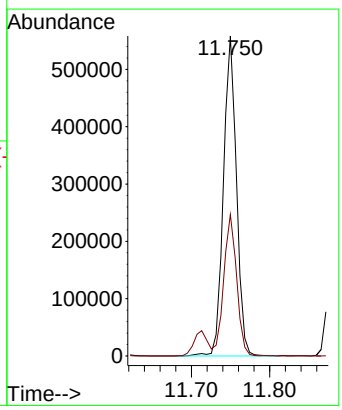


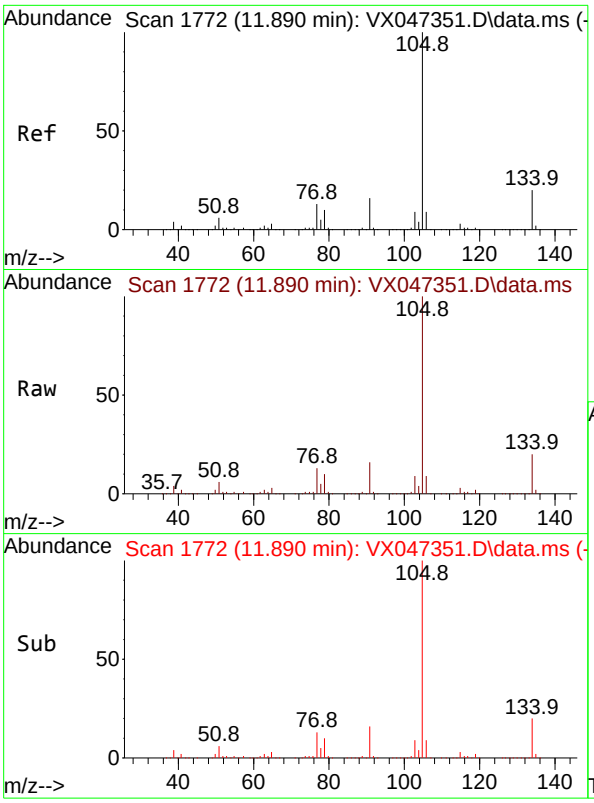


#84
1,2,4-Trimethylbenzene
Concen: 56.614 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion:105 Resp: 646548

Ion	Ratio	Lower	Upper
105	100		
120	43.8	21.9	65.7



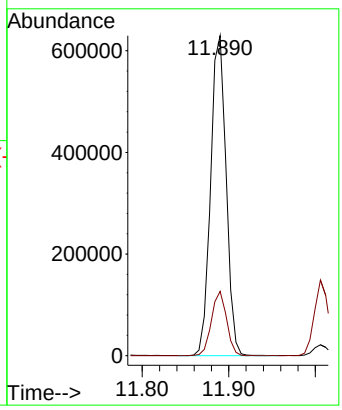


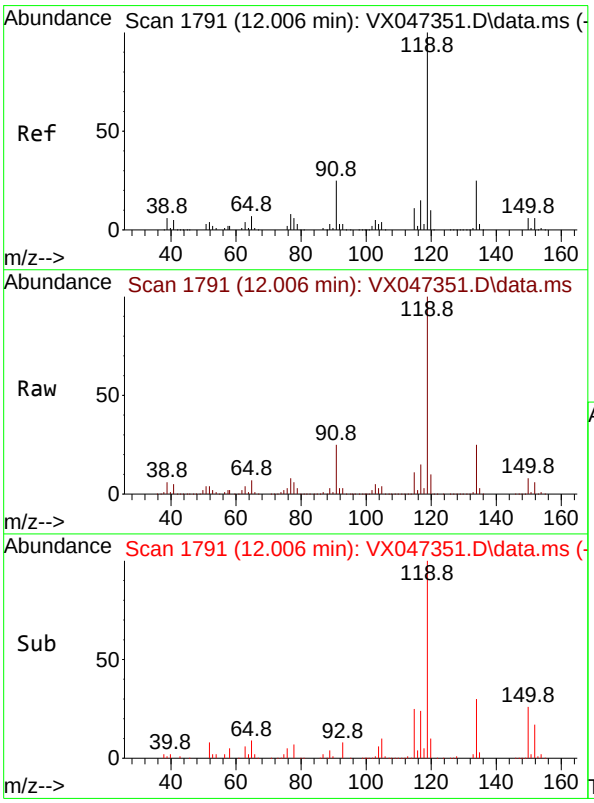
#85
sec-Butylbenzene
Concen: 55.470 ug/l
RT: 11.890 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 783341

Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.5

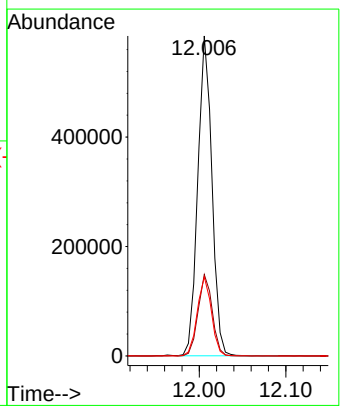


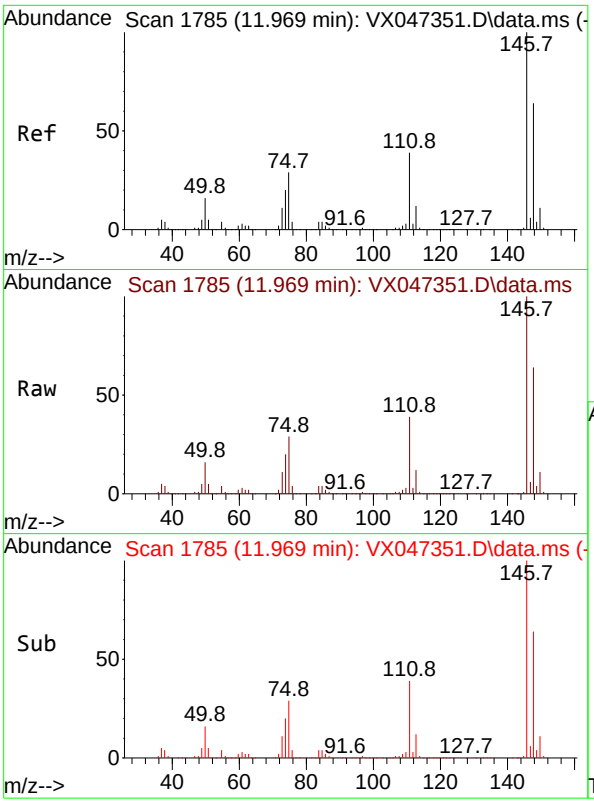


#86
p-Isopropyltoluene
Concen: 55.303 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion:119 Resp: 660872

Ion	Ratio	Lower	Upper
119	100		
134	25.6	12.8	38.4
91	24.9	12.4	37.4



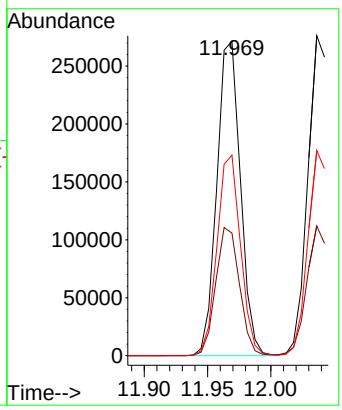


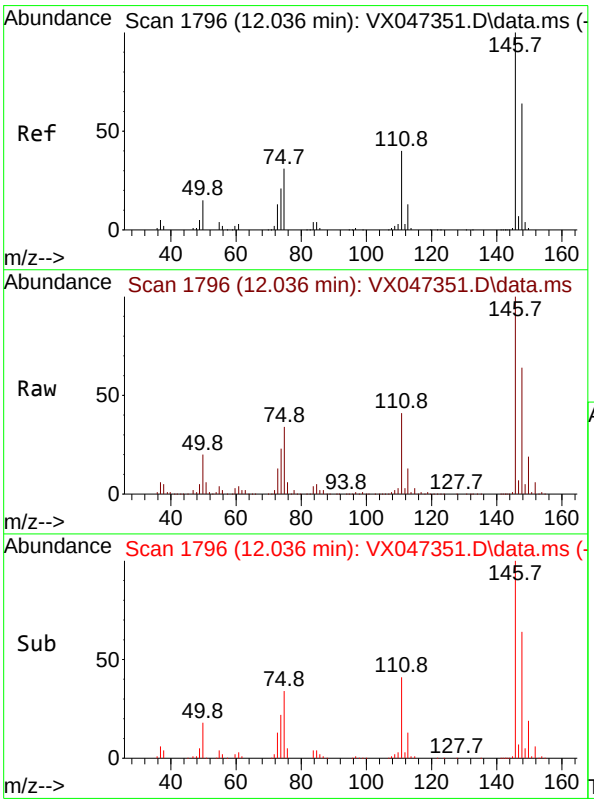
#87
1,3-Dichlorobenzene
Concen: 54.320 ug/l
RT: 11.969 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 351718

Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.6	61.8
148	63.7	31.9	95.5

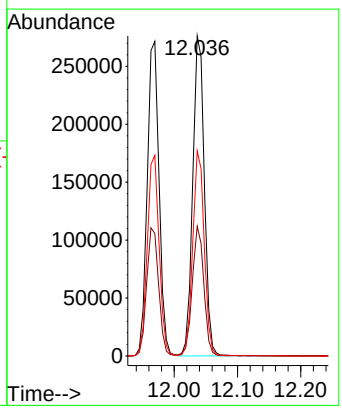


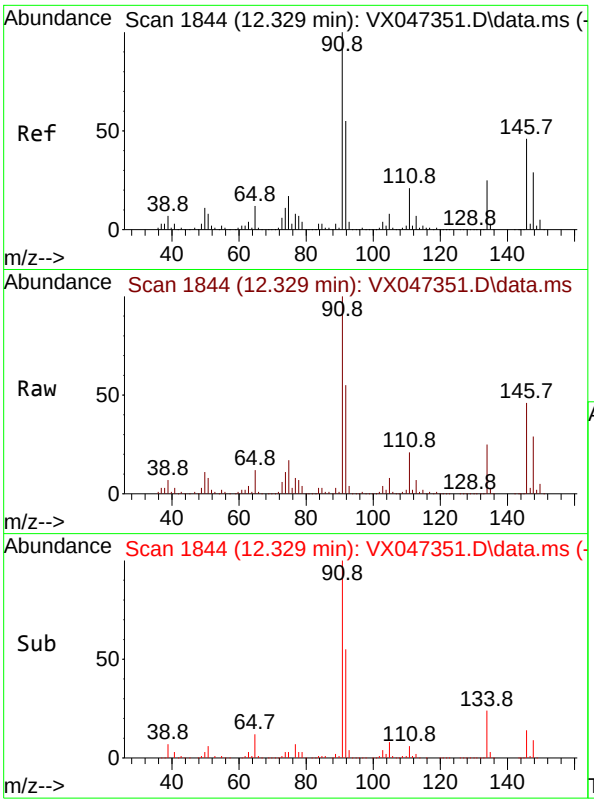


#88
1,4-Dichlorobenzene
Concen: 52.886 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion:146 Resp: 352196

Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.4	61.2
148	63.4	31.7	95.1



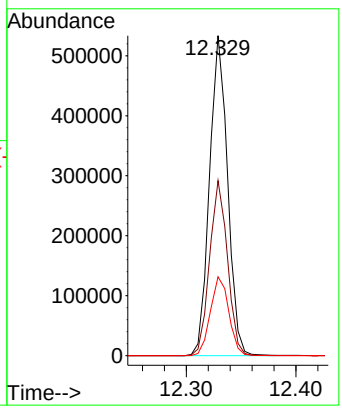


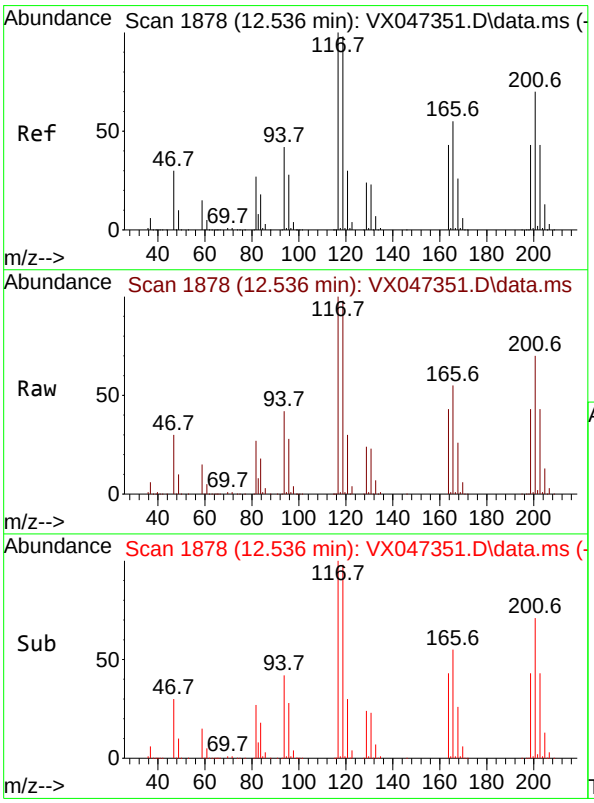
#89
n-Butylbenzene
Concen: 54.957 ug/l
RT: 12.329 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 610840

Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.2	81.5
134	25.2	12.6	37.8

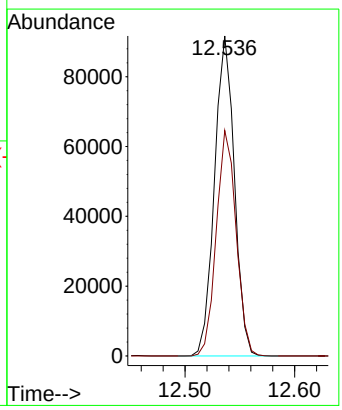


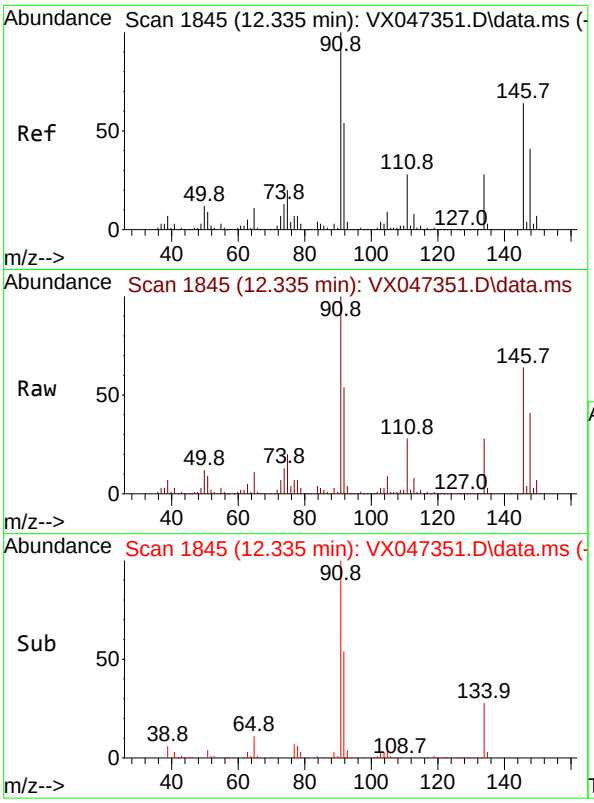


#90
Hexachloroethane
Concen: 55.228 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion:117 Resp: 115780

Ion	Ratio	Lower	Upper
117	100		
201	70.2	35.1	105.3



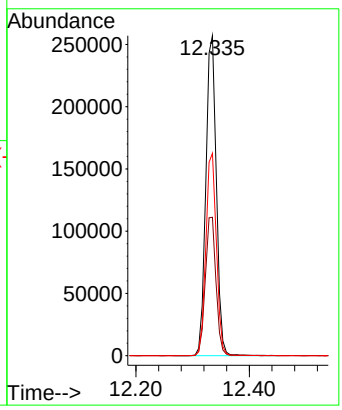


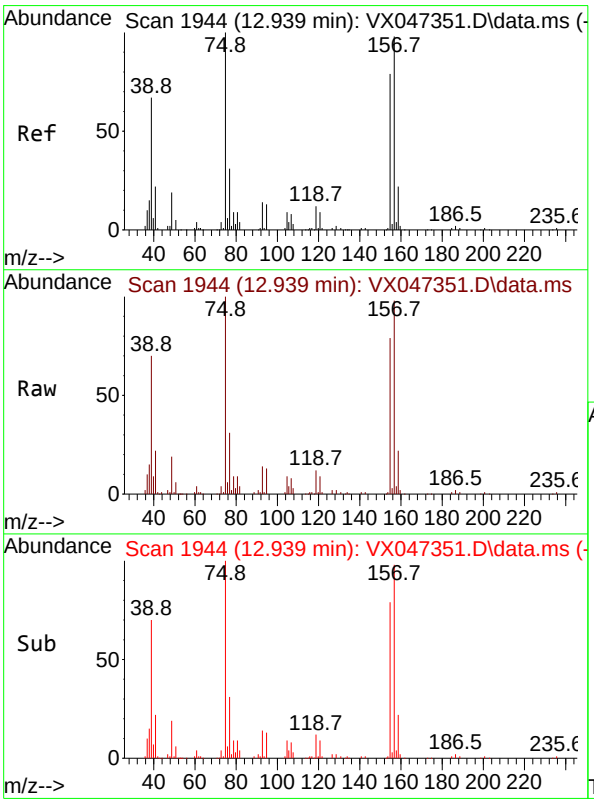
#91
1,2-Dichlorobenzene
Concen: 53.742 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 330287

Ion	Ratio	Lower	Upper
146	100		
111	44.1	22.1	66.1
148	63.7	31.9	95.5

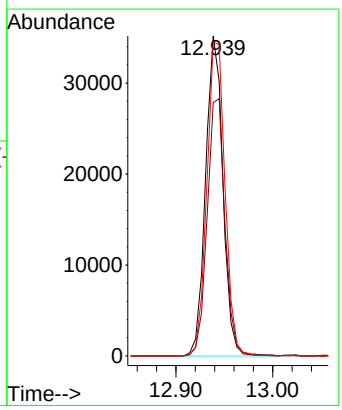


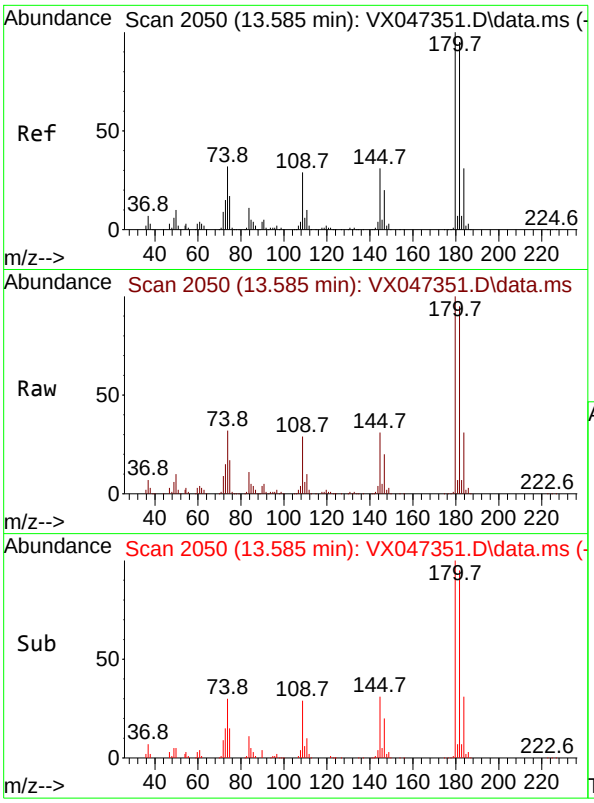


#92
1,2-Dibromo-3-Chloropropane
Concen: 55.654 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 75 Resp: 43861

Ion	Ratio	Lower	Upper
75	100		
155	82.5	41.3	123.7
157	103.0	51.5	154.5



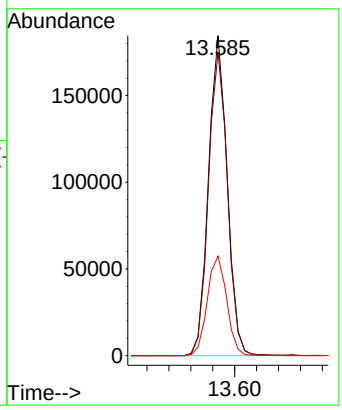


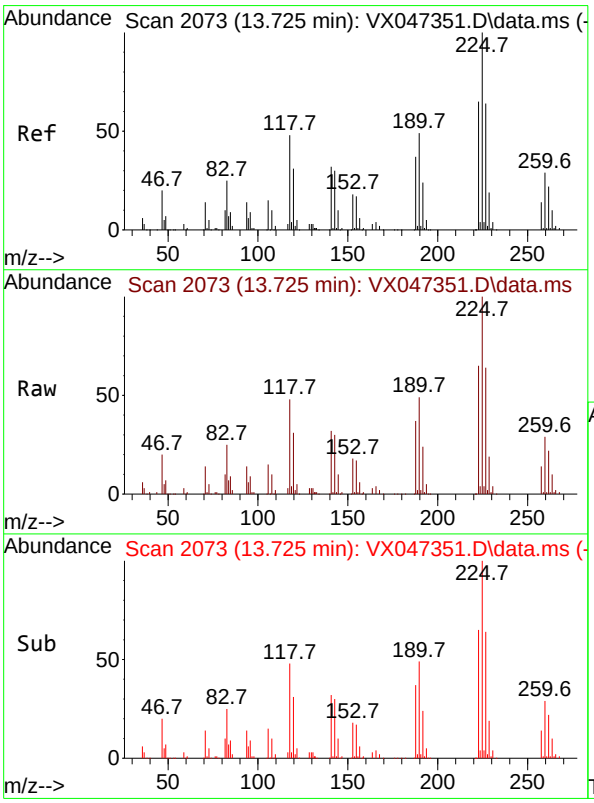
#93
1,2,4-Trichlorobenzene
Concen: 53.111 ug/l
RT: 13.585 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:180 Resp: 218820

Ion	Ratio	Lower	Upper
180	100		
182	96.3	48.1	144.4
145	32.3	16.2	48.5

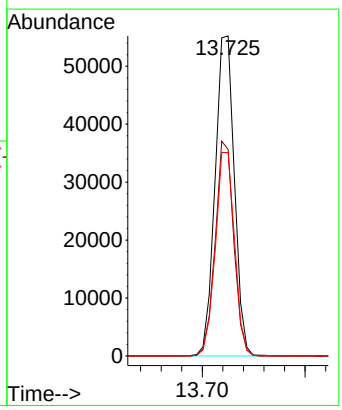


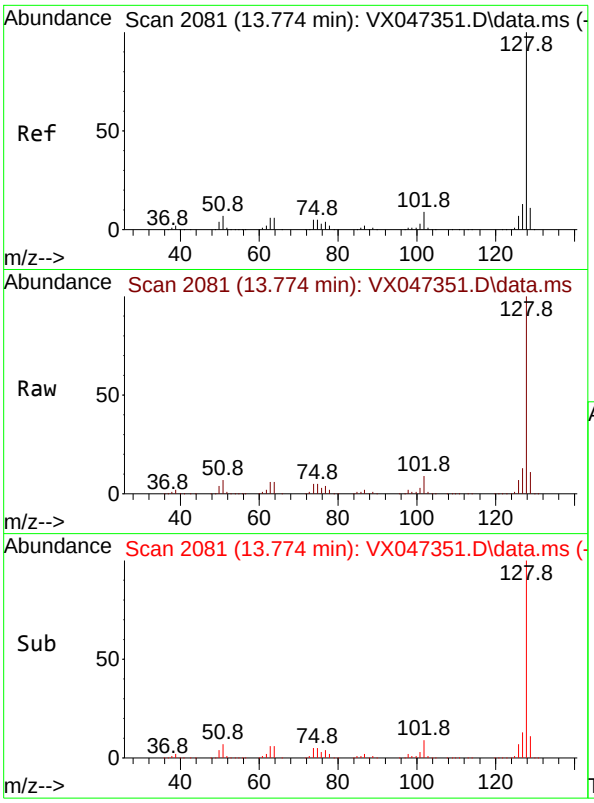


#94
Hexachlorobutadiene
Concen: 48.921 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion:225 Resp: 71744

Ion	Ratio	Lower	Upper
225	100		
223	64.4	32.2	96.6
227	63.3	31.6	95.0



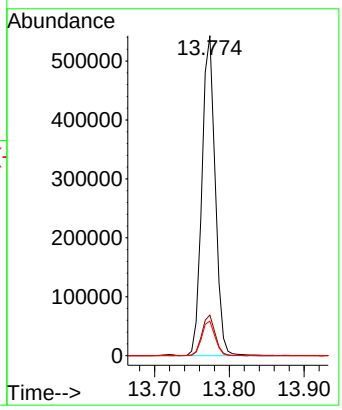


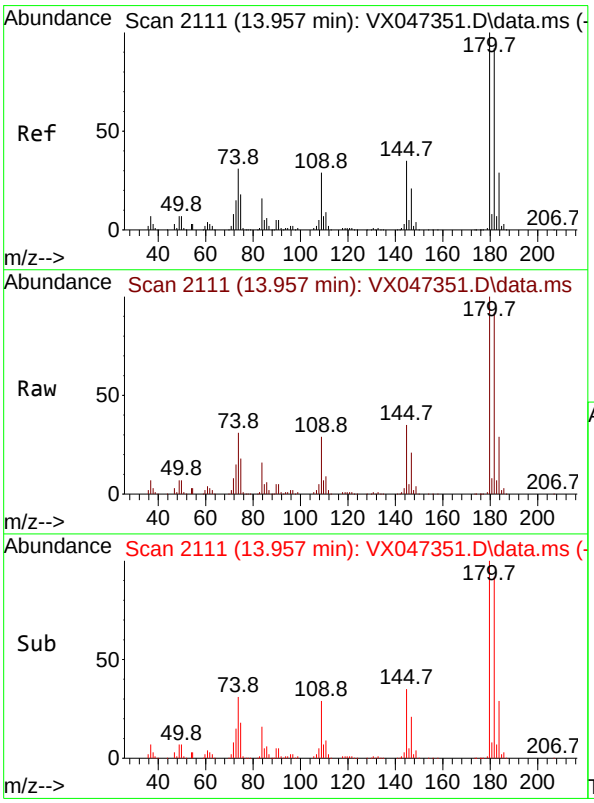
#95
Naphthalene
Concen: 56.930 ug/l
RT: 13.774 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 670303

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.1	15.1
129	10.9	8.7	13.1

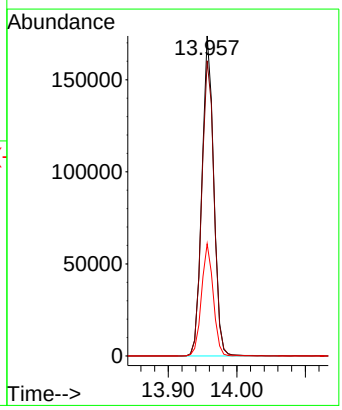




#96
1,2,3-Trichlorobenzene
Concen: 53.605 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion:180 Resp: 208179

Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.0	144.2
145	34.8	17.4	52.2



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047352.D
Acq On : 15 Aug 2025 10:43
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Aug 18 02:54:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 02:51:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	230991	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	391443	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	345492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	163776	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	345087	106.746	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 213.500%#			
35) Dibromofluoromethane	5.397	113	276832	108.967	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 217.940%#			
50) Toluene-d8	8.653	98	975414	107.419	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 214.840%#			
62) 4-Bromofluorobenzene	11.079	95	353668	105.546	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 211.100%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	309782	105.204	ug/l	99
3) Chloromethane	1.313	50	261885	98.864	ug/l	96
4) Vinyl Chloride	1.392	62	336909	101.331	ug/l	97
5) Bromomethane	1.624	94	142644	106.217	ug/l	96
6) Chloroethane	1.703	64	189413	93.112	ug/l	98
7) Trichlorofluoromethane	1.904	101	489572	99.548	ug/l	99
8) Diethyl Ether	2.148	74	171145	98.832	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.349	101	288420	101.101	ug/l	99
10) Methyl Iodide	2.471	142	545687	111.619	ug/l	98
11) Tert butyl alcohol	2.971	59	143673	510.865	ug/l	99
12) 1,1-Dichloroethene	2.337	96	293450	100.899	ug/l	99
13) Acrolein	2.252	56	294322	495.763	ug/l	100
14) Allyl chloride	2.678	41	512225	101.402	ug/l	99
15) Acrylonitrile	3.081	53	691797	509.058	ug/l	100
16) Acetone	2.392	43	554774	456.549	ug/l	98
17) Carbon Disulfide	2.532	76	840388	95.757	ug/l	100
18) Methyl Acetate	2.715	43	318444	101.128	ug/l	100
19) Methyl tert-butyl Ether	3.129	73	906301	102.433	ug/l	98
20) Methylene Chloride	2.806	84	309183	96.088	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	302669	98.051	ug/l	99
22) Diisopropyl ether	3.776	45	1007141	100.865	ug/l	99
23) Vinyl Acetate	3.733	43	4206762	514.008	ug/l	99
24) 1,1-Dichloroethane	3.623	63	558936	99.034	ug/l	99
25) 2-Butanone	4.568	43	789816	496.288	ug/l	98
26) 2,2-Dichloropropane	4.489	77	434139	101.916	ug/l	100
27) cis-1,2-Dichloroethene	4.507	96	355238	98.806	ug/l	99
28) Bromochloromethane	4.910	49	258648	110.131	ug/l	99
29) Tetrahydrofuran	5.019	42	505709	491.640	ug/l	98
30) Chloroform	5.105	83	560984	97.394	ug/l	100
31) Cyclohexane	5.489	56	499975	96.100	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	499294	100.709	ug/l	99
36) 1,1-Dichloropropene	5.702	75	398144	99.278	ug/l	100
37) Ethyl Acetate	4.727	43	413279	99.265	ug/l	99
38) Carbon Tetrachloride	5.690	117	430061	98.132	ug/l	99
39) Methylcyclohexane	7.385	83	500907	100.134	ug/l	97
40) Benzene	6.050	78	1186760	98.866	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047352.D
Acq On : 15 Aug 2025 10:43
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Aug 18 02:54:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 02:51:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	191678	109.177	ug/l	95
42) 1,2-Dichloroethane	6.098	62	416430	97.940	ug/l	99
43) Isopropyl Acetate	6.348	43	624423	104.400	ug/l	100
44) Trichloroethene	7.135	130	304976	99.224	ug/l	98
45) 1,2-Dichloropropane	7.434	63	298616	99.300	ug/l	97
46) Dibromomethane	7.586	93	214069	98.052	ug/l	99
47) Bromodichloromethane	7.824	83	452578	99.995	ug/l	100
48) Methyl methacrylate	7.696	41	322487	103.875	ug/l	99
49) 1,4-Dioxane	7.684	88	61142	2073.830	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	1766006	513.097	ug/l	99
52) Toluene	8.720	92	733119	98.837	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	423279	107.156	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	463640	103.698	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	275607	97.863	ug/l	98
56) Ethyl methacrylate	9.116	69	440765	106.154	ug/l	100
57) 1,3-Dichloropropane	9.311	76	469804	97.899	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	1000312	496.016	ug/l	99
59) 2-Hexanone	9.433	43	1215128	510.384	ug/l	100
60) Dibromochloromethane	9.519	129	333420	99.621	ug/l	100
61) 1,2-Dibromoethane	9.610	107	285821	98.420	ug/l	98
64) Tetrachloroethene	9.275	164	248666	99.506	ug/l	98
65) Chlorobenzene	10.079	112	803672	97.887	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	278595	100.380	ug/l	99
67) Ethyl Benzene	10.195	91	1424862	100.832	ug/l	99
68) m/p-Xylenes	10.299	106	1056553	200.518	ug/l	99
69) o-Xylene	10.640	106	508020	100.188	ug/l	99
70) Styrene	10.652	104	878271	102.509	ug/l	100
71) Bromoform	10.799	173	211374	101.376	ug/l	99
73) Isopropylbenzene	10.963	105	1326045	103.466	ug/l	99
74) N-amyl acetate	10.841	43	543008	111.573	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	374215	99.448	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	369374	122.967	ug/l	90
77) Bromobenzene	11.195	156	320460	102.397	ug/l	99
78) n-propylbenzene	11.305	91	1577819	103.081	ug/l	100
79) 2-Chlorotoluene	11.360	91	926261	100.105	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	1084580	102.852	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	70384	93.696	ug/l	98
82) 4-Chlorotoluene	11.451	91	1080450	99.058	ug/l	99
83) tert-Butylbenzene	11.713	119	1092054	103.803	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	1086843	103.064	ug/l	99
85) sec-Butylbenzene	11.890	105	1343222	103.010	ug/l	99
86) p-Isopropyltoluene	12.006	119	1118938	101.405	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	593233	99.223	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	585597	95.231	ug/l	99
89) n-Butylbenzene	12.329	91	1050897	102.394	ug/l	100
90) Hexachloroethane	12.536	117	202423	104.570	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	558580	98.430	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	77939	107.101	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	389962	102.504	ug/l	98
94) Hexachlorobutadiene	13.719	225	123286	91.042	ug/l	98
95) Naphthalene	13.774	128	1191910	109.632	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	370778	103.395	ug/l	99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047352.D
Acq On : 15 Aug 2025 10:43
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Aug 18 02:54:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 02:51:35 2025
Response via : Initial Calibration

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

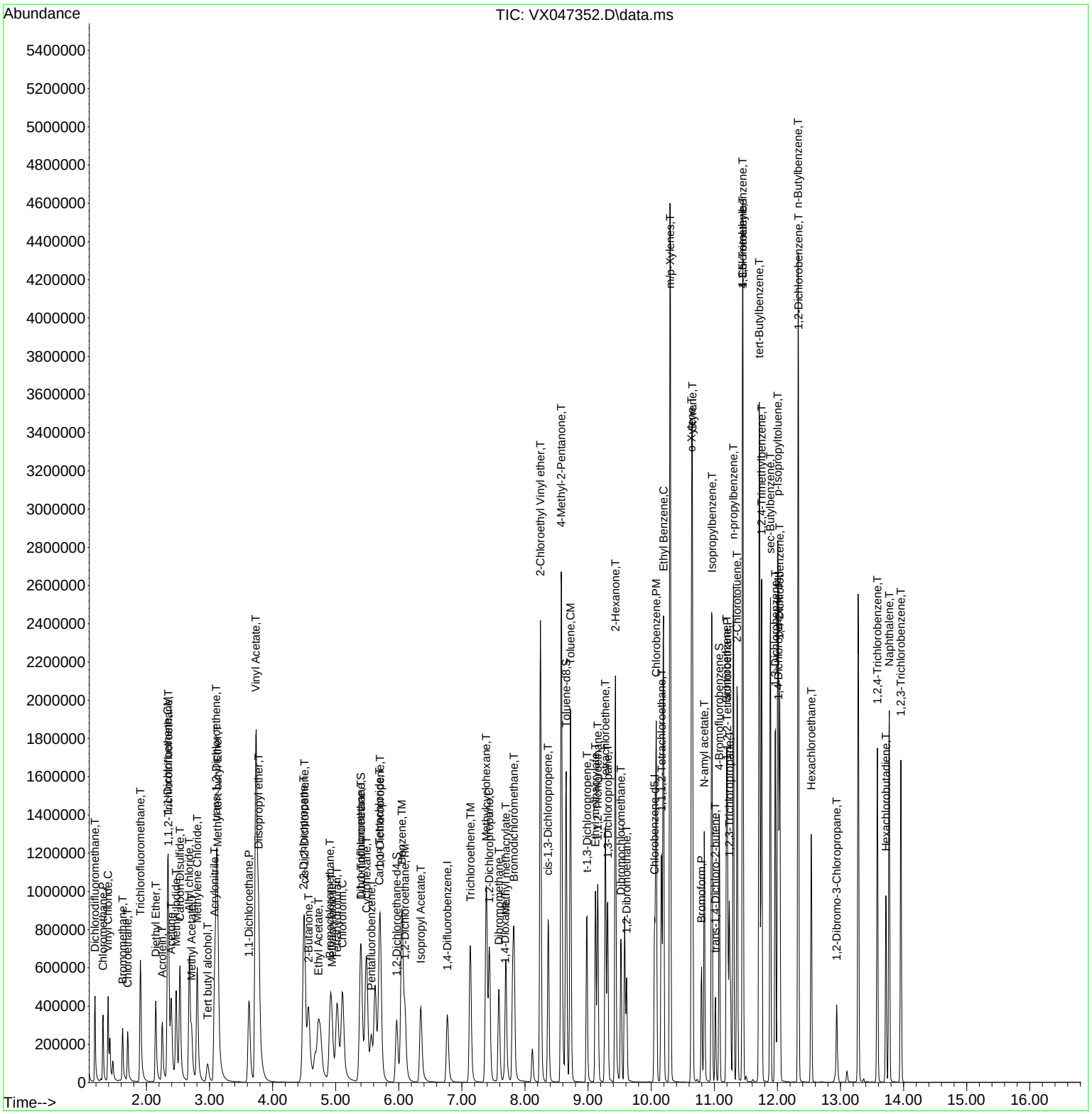
(#) = qualifier out of range (m) = manual integration (+) = signals summed

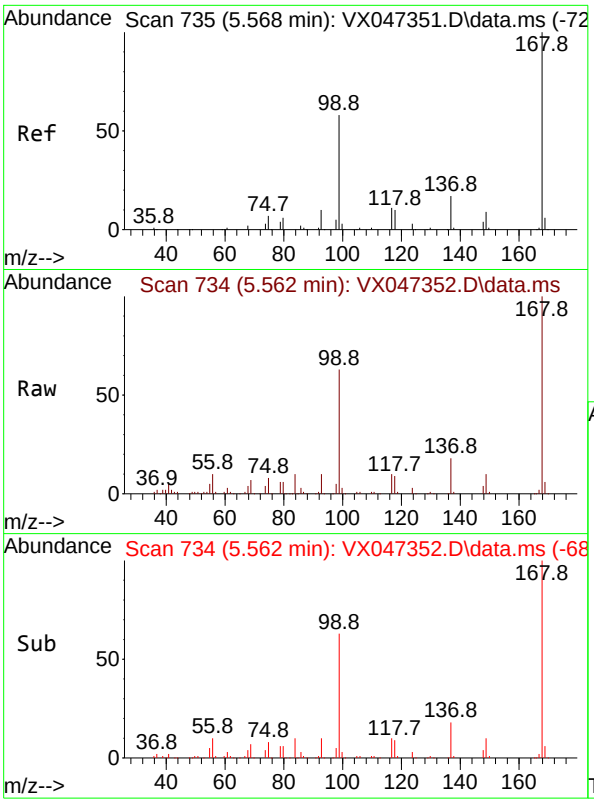
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047352.D
Acq On : 15 Aug 2025 10:43
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Aug 18 02:54:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 02:51:35 2025
Response via : Initial Calibration



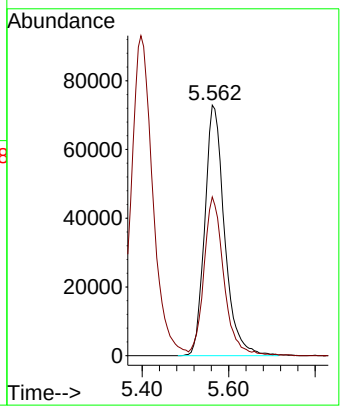


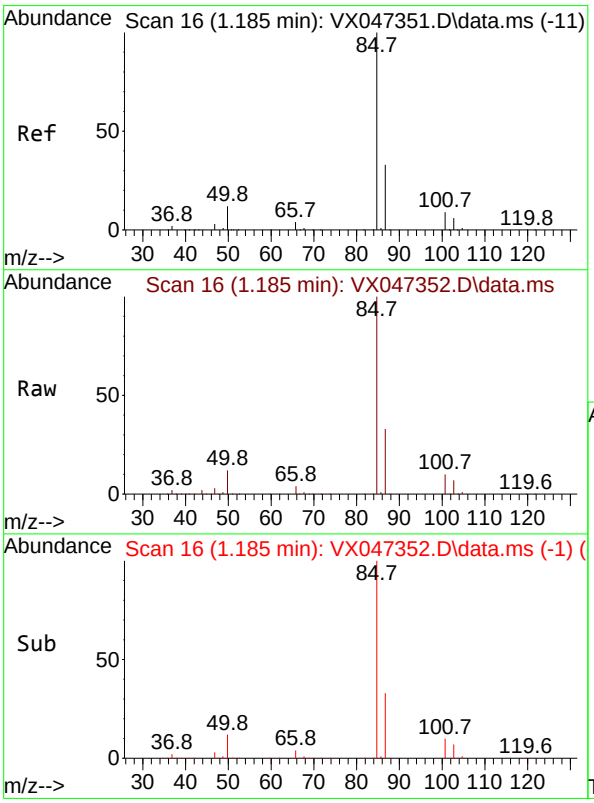
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:168 Resp: 230991

Ion	Ratio	Lower	Upper
168	100		
99	63.0	47.9	71.9

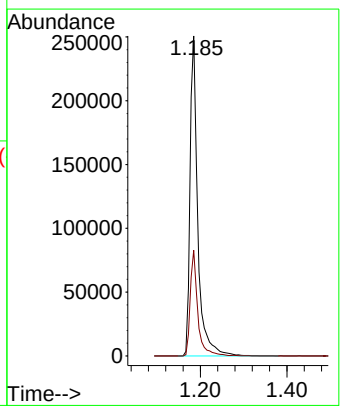


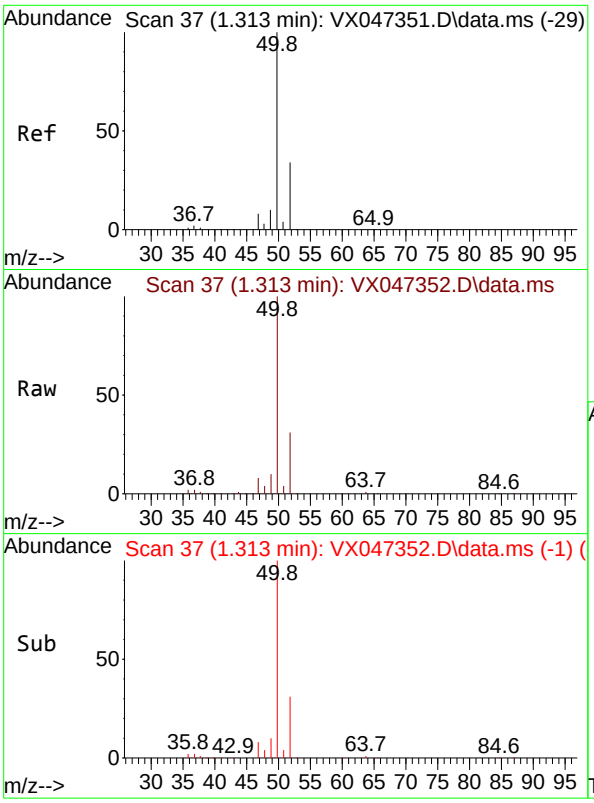


#2
Dichlorodifluoromethane
Concen: 105.204 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 85 Resp: 309782

Ion	Ratio	Lower	Upper
85	100		
87	33.1	16.4	49.1



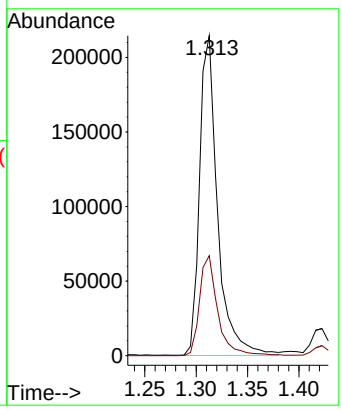


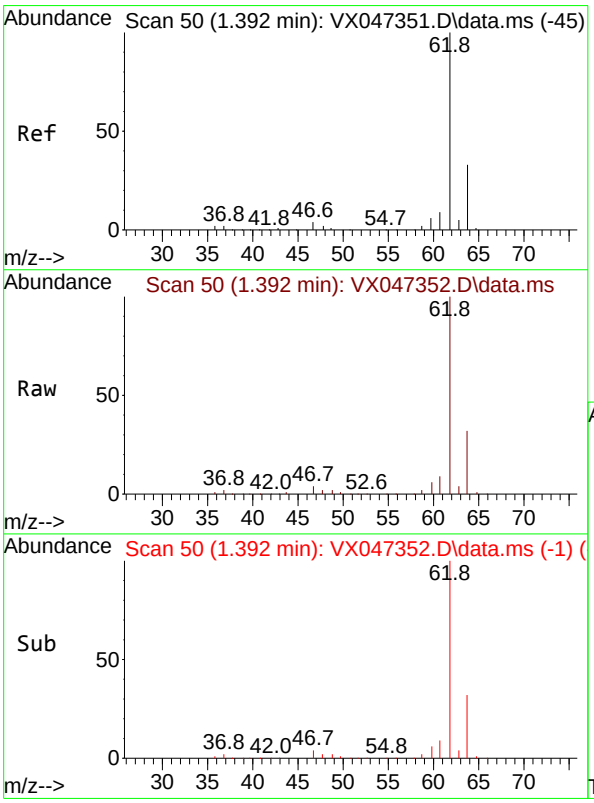
#3
Chloromethane
Concen: 98.864 ug/l
RT: 1.313 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 50 Resp: 261885

Ion	Ratio	Lower	Upper
50	100		
52	31.3	27.0	40.4

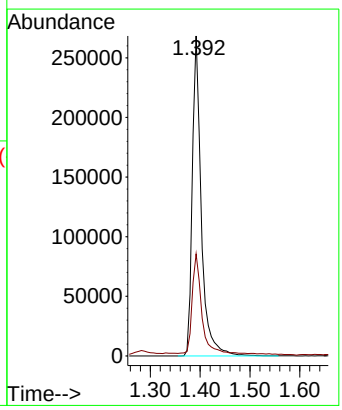


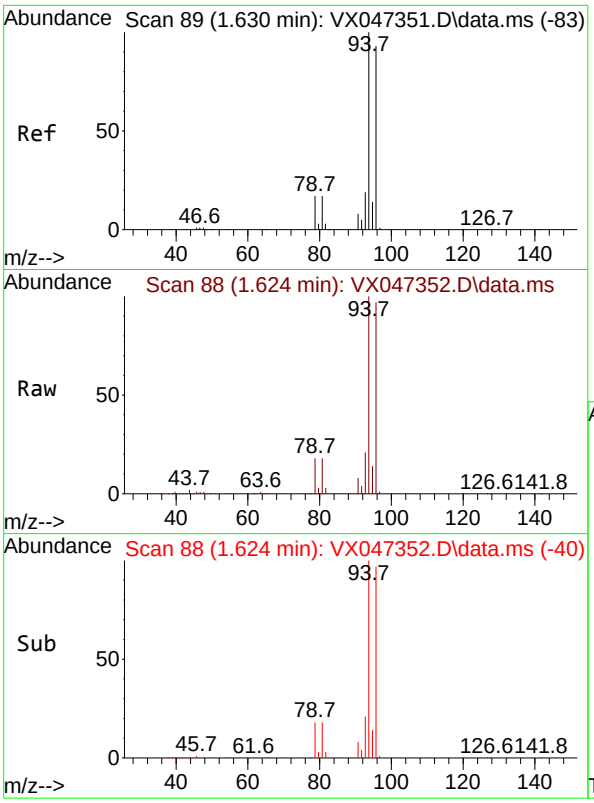


#4
Vinyl Chloride
Concen: 101.331 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 62 Resp: 336909

Ion	Ratio	Lower	Upper
62	100		
64	31.4	26.5	39.7



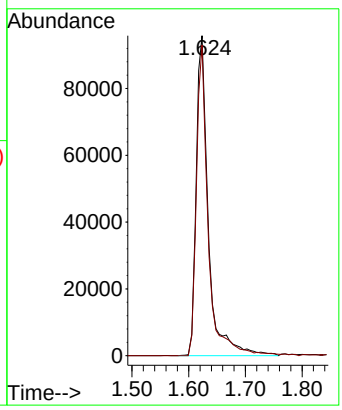


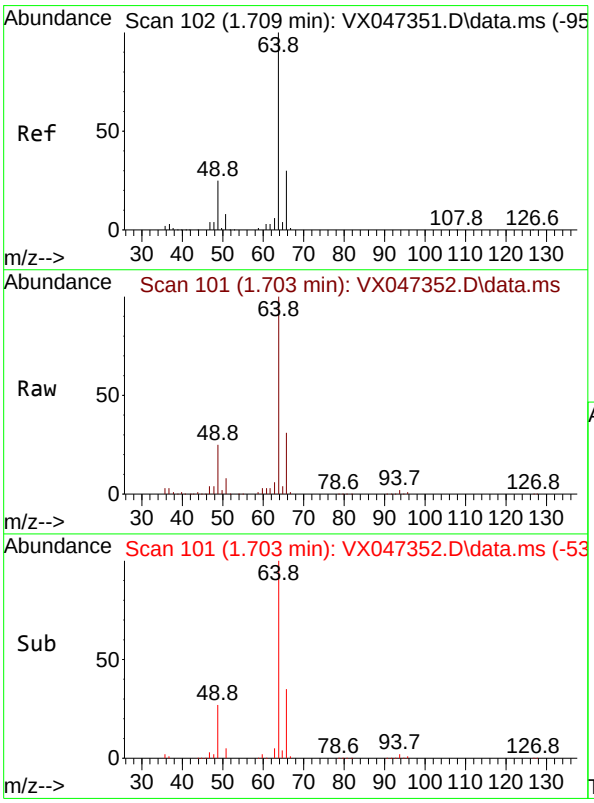
#5
Bromomethane
Concen: 106.217 ug/l
RT: 1.624 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 94 Resp: 142644

Ion	Ratio	Lower	Upper
94	100		
96	97.1	74.7	112.1

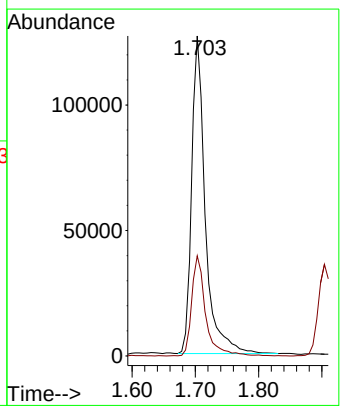


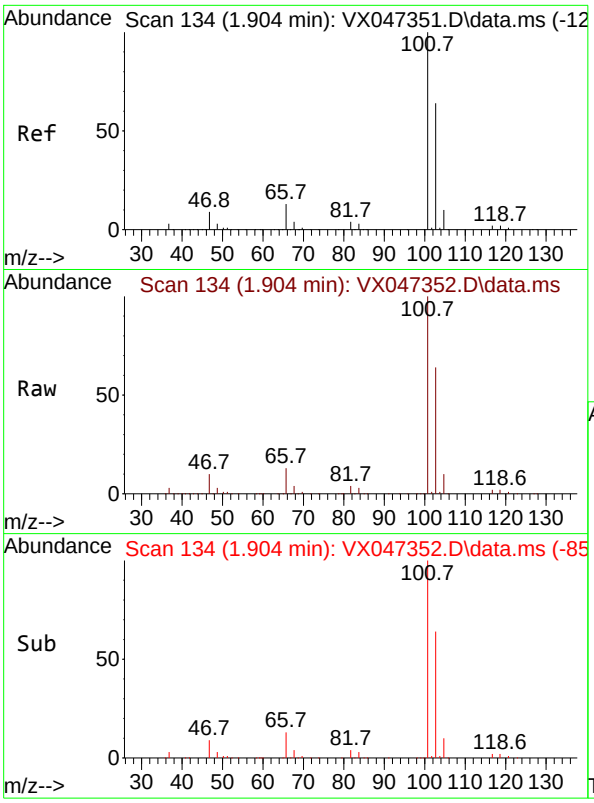


#6
Chloroethane
Concen: 93.112 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.006 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 64 Resp: 189413

Ion	Ratio	Lower	Upper
64	100		
66	31.4	24.4	36.6



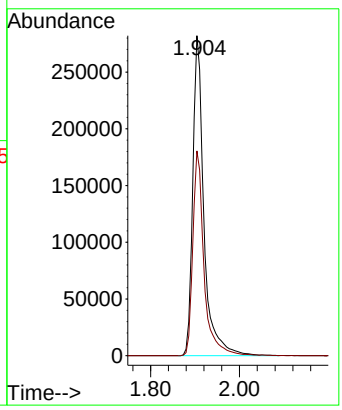


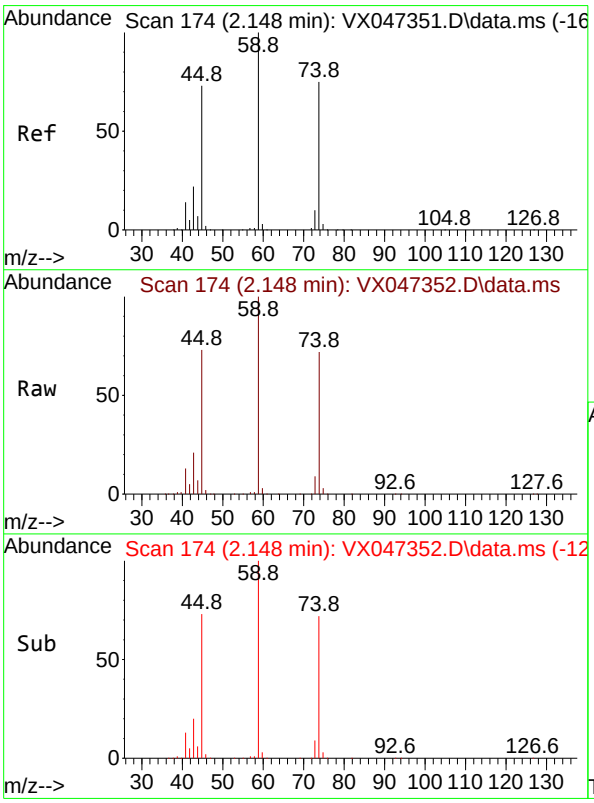
#7
Trichlorofluoromethane
Concen: 99.548 ug/l
RT: 1.904 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 489572

Ion	Ratio	Lower	Upper
101	100		
103	64.0	50.9	76.3

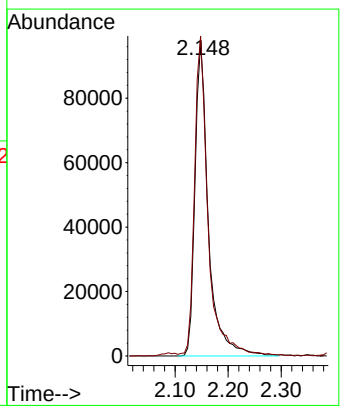


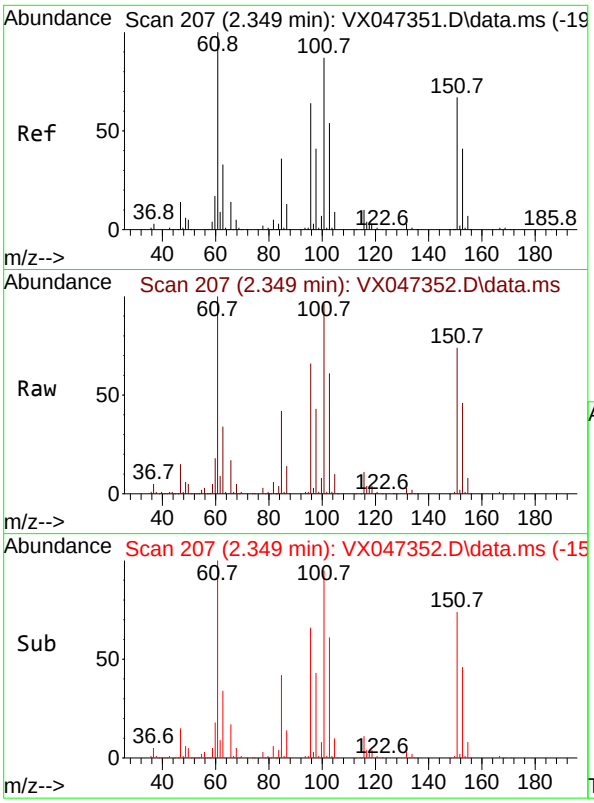


#8
Diethyl Ether
Concen: 98.832 ug/l
RT: 2.148 min Scan# 174
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 74 Resp: 171145

Ion	Ratio	Lower	Upper
74	100		
45	102.0	51.3	154.0



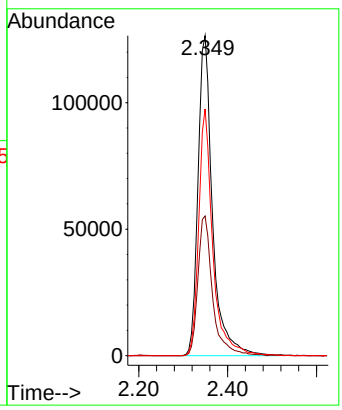


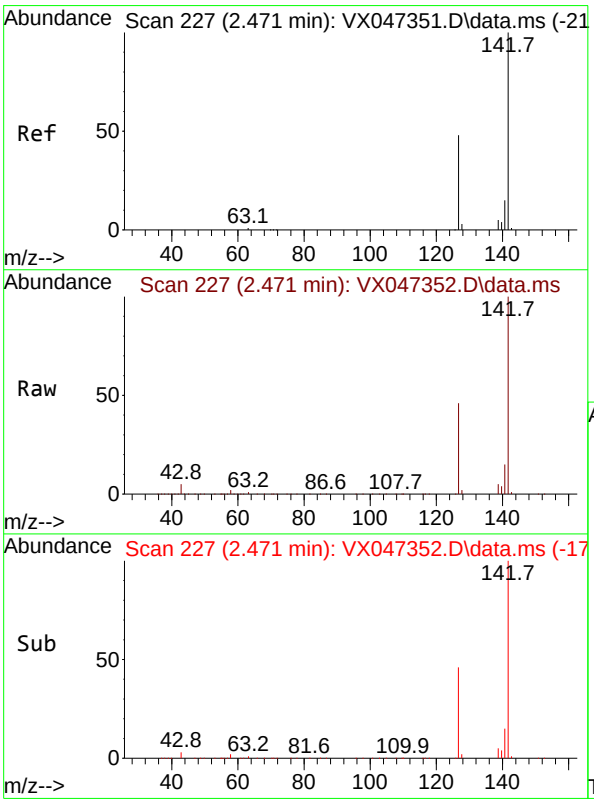
#9
1,1,2-Trichlorotrifluoroethane
Concen: 101.101 ug/l
RT: 2.349 min Scan# 2(
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 288420

Ion	Ratio	Lower	Upper
101	100		
85	44.0	34.3	51.5
151	74.7	59.2	88.8

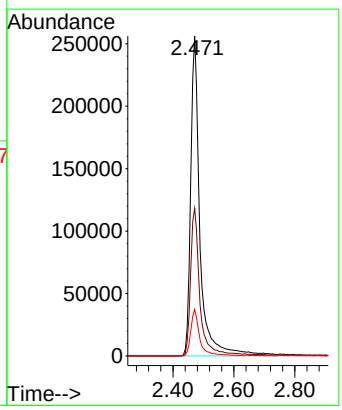


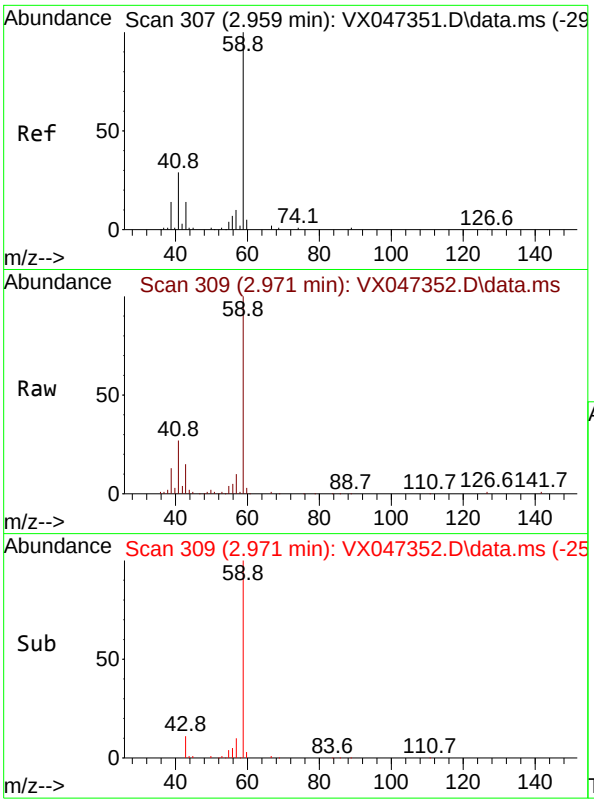


#10
Methyl Iodide
Concen: 111.619 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion:142 Resp: 545687

Ion	Ratio	Lower	Upper
142	100		
127	46.6	36.1	54.1
141	14.0	11.1	16.7



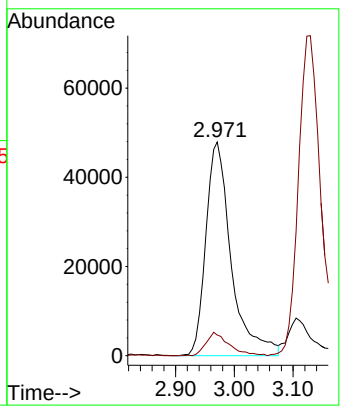


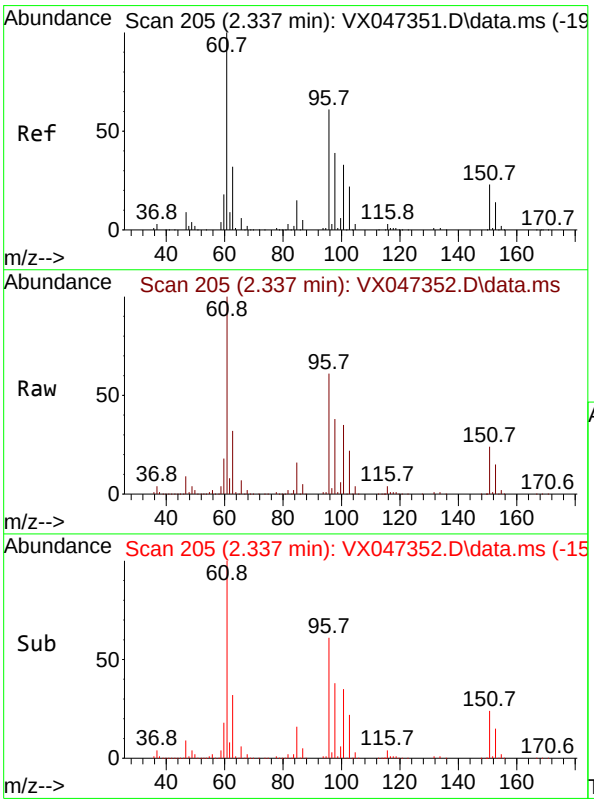
#11
Tert butyl alcohol
Concen: 510.865 ug/l
RT: 2.971 min Scan# 3
Delta R.T. 0.012 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 59 Resp: 143673

Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.3	12.5

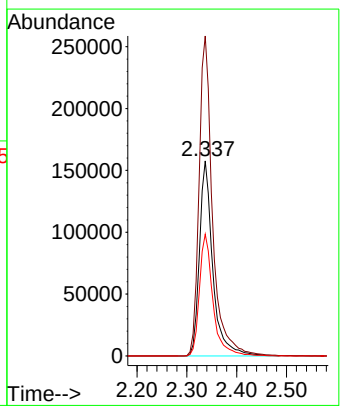


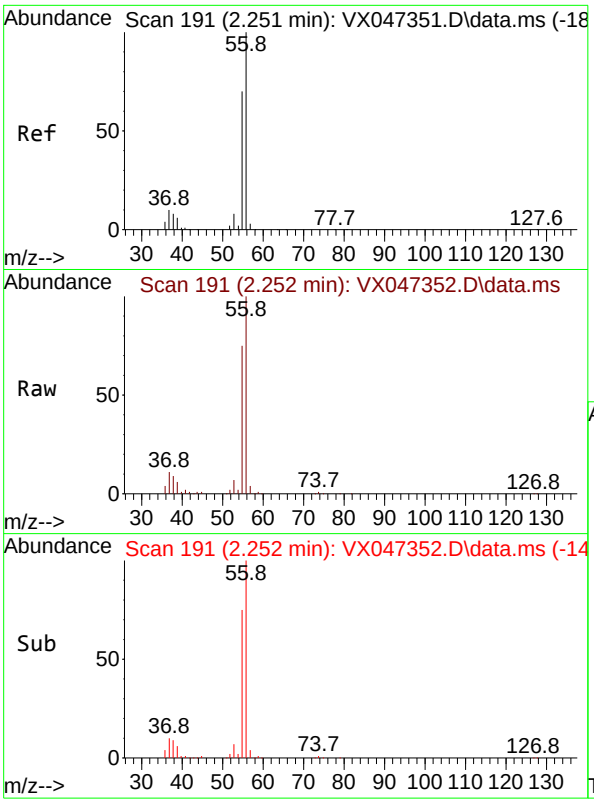


#12
1,1-Dichloroethene
Concen: 100.899 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 96 Resp: 293450

Ion	Ratio	Lower	Upper
96	100		
61	164.0	132.2	198.2
98	62.4	51.2	76.8



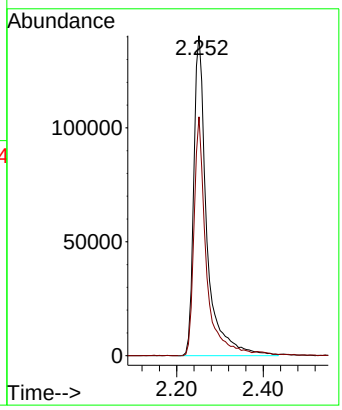


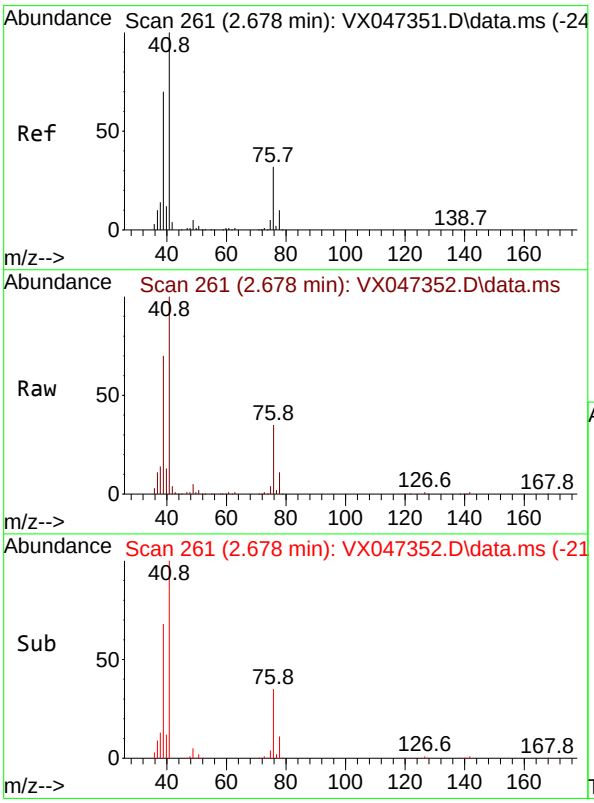
#13
Acrolein
Concen: 495.763 ug/l
RT: 2.252 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 56 Resp: 294322

Ion	Ratio	Lower	Upper
56	100		
55	69.4	55.5	83.3

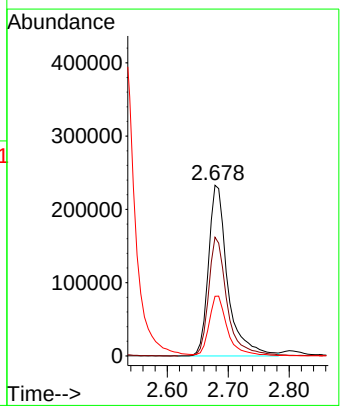


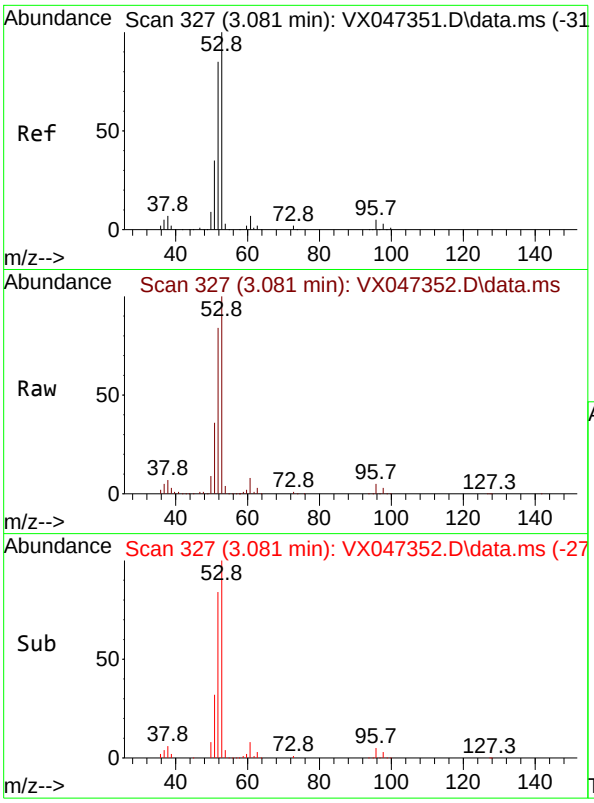


#14
Allyl chloride
Concen: 101.402 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 41 Resp: 512225

Ion	Ratio	Lower	Upper
41	100		
39	66.9	54.6	81.8
76	33.9	27.6	41.4



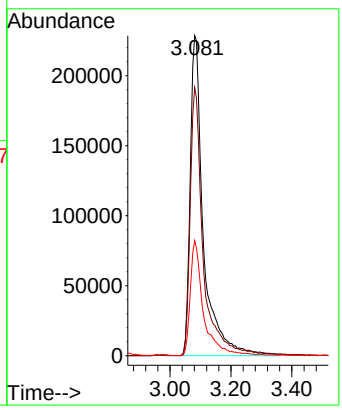


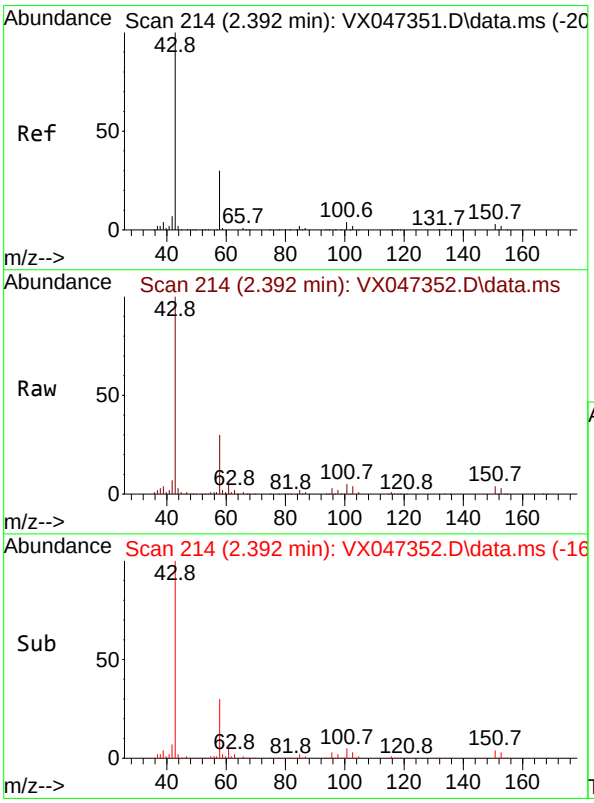
#15
Acrylonitrile
Concen: 509.058 ug/l
RT: 3.081 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 53 Resp: 691797

Ion	Ratio	Lower	Upper
53	100		
52	82.1	65.8	98.6
51	35.8	28.2	42.2

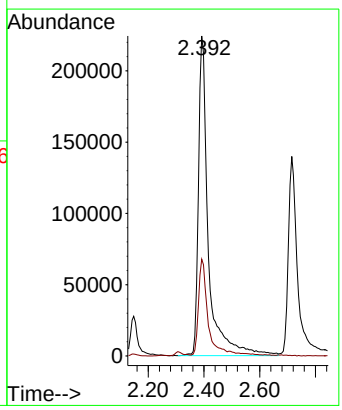


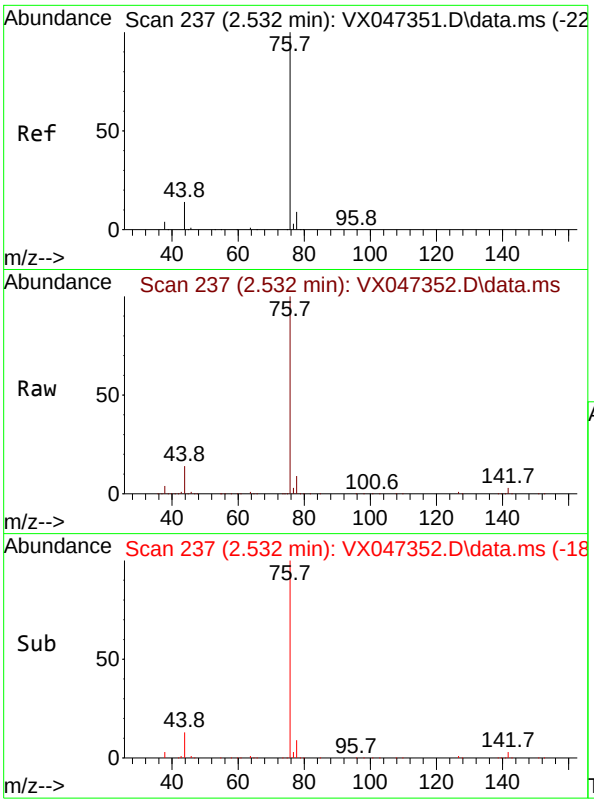


#16
Acetone
Concen: 456.549 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 43 Resp: 554774

Ion	Ratio	Lower	Upper
43	100		
58	30.0	24.8	37.2



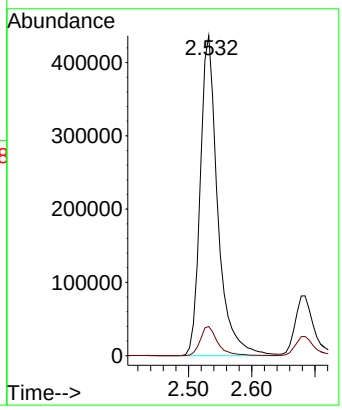


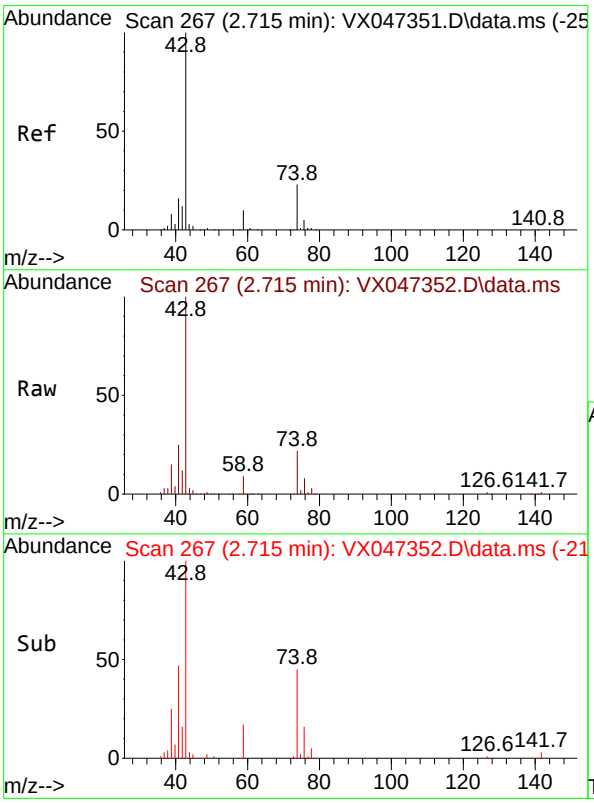
#17
Carbon Disulfide
Concen: 95.757 ug/l
RT: 2.532 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 76 Resp: 840388

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.2	10.8

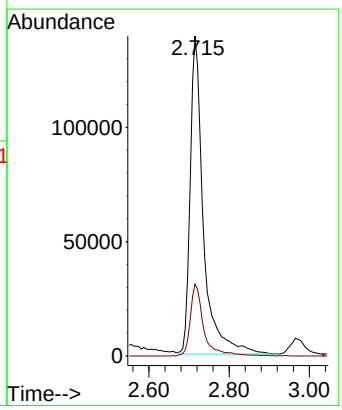


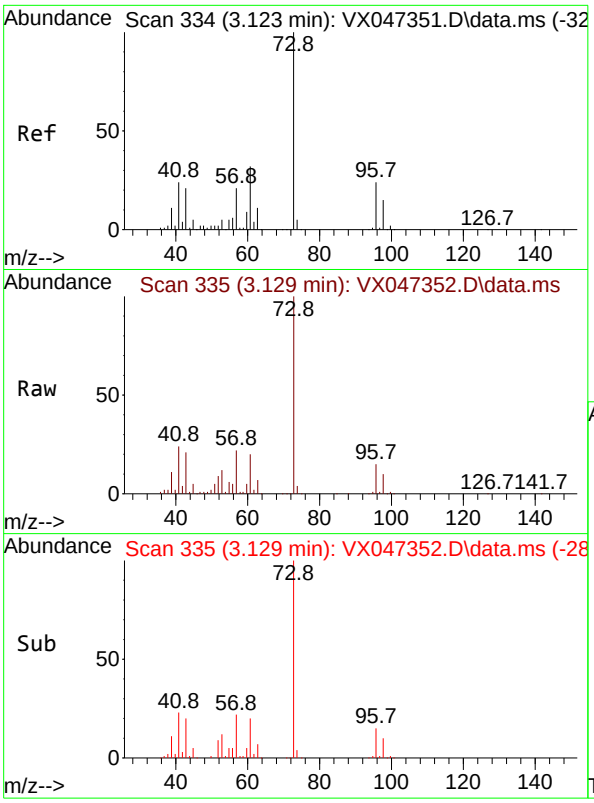


#18
Methyl Acetate
Concen: 101.128 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 43 Resp: 318444

Ion	Ratio	Lower	Upper
43	100		
74	22.8	18.4	27.6



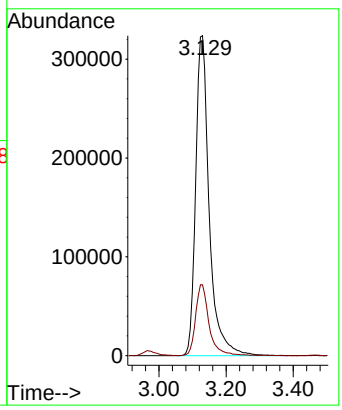


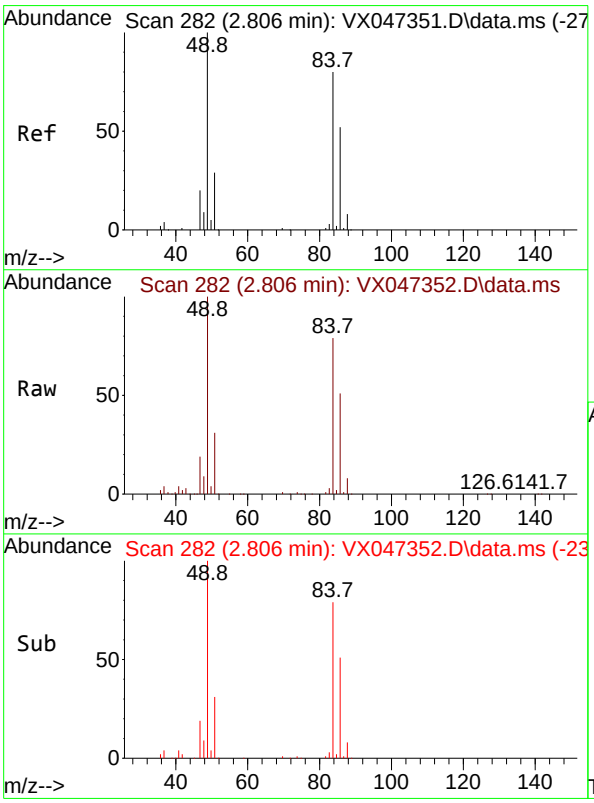
#19
Methyl tert-butyl Ether
Concen: 102.433 ug/l
RT: 3.129 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 73 Resp: 906301

Ion	Ratio	Lower	Upper
73	100		
57	22.2	17.0	25.6

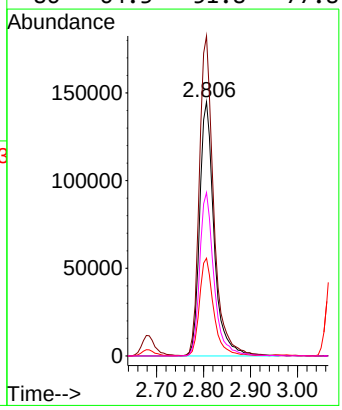


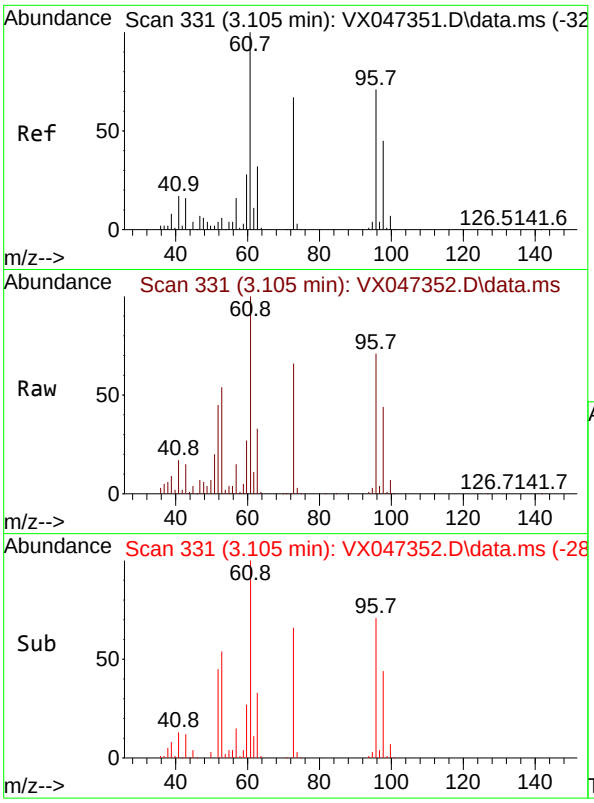


#20
Methylene Chloride
Concen: 96.088 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 84 Resp: 309183

Ion	Ratio	Lower	Upper
84	100		
49	125.7	100.1	150.1
51	38.3	29.5	44.3
86	64.3	51.8	77.8



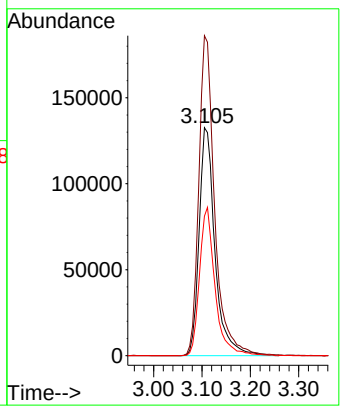


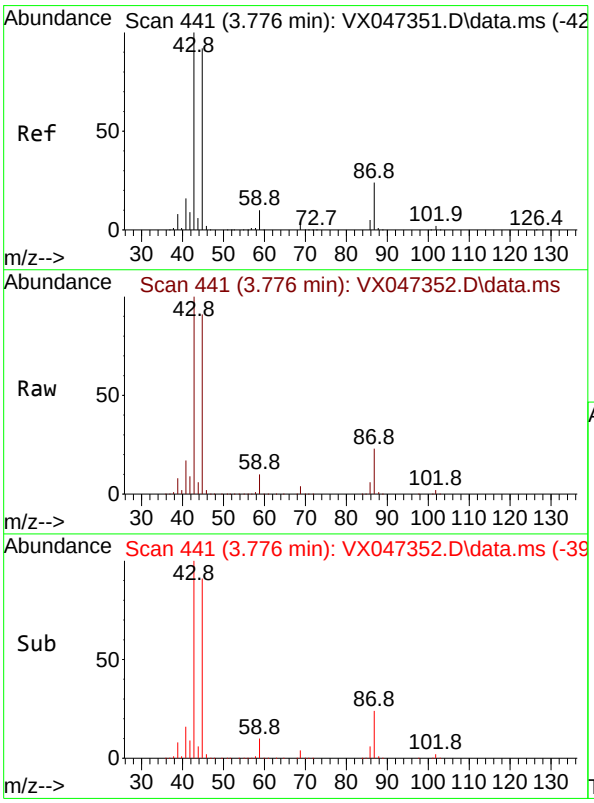
#21
trans-1,2-Dichloroethene
Concen: 98.051 ug/l
RT: 3.105 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 96 Resp: 302669

Ion	Ratio	Lower	Upper
96	100		
61	140.3	112.6	169.0
98	61.2	50.9	76.3

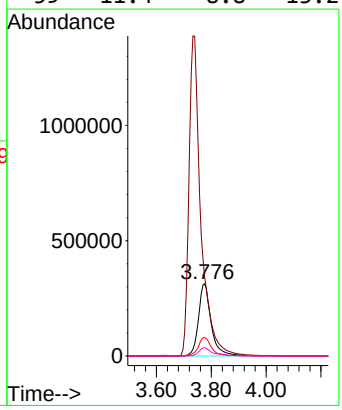


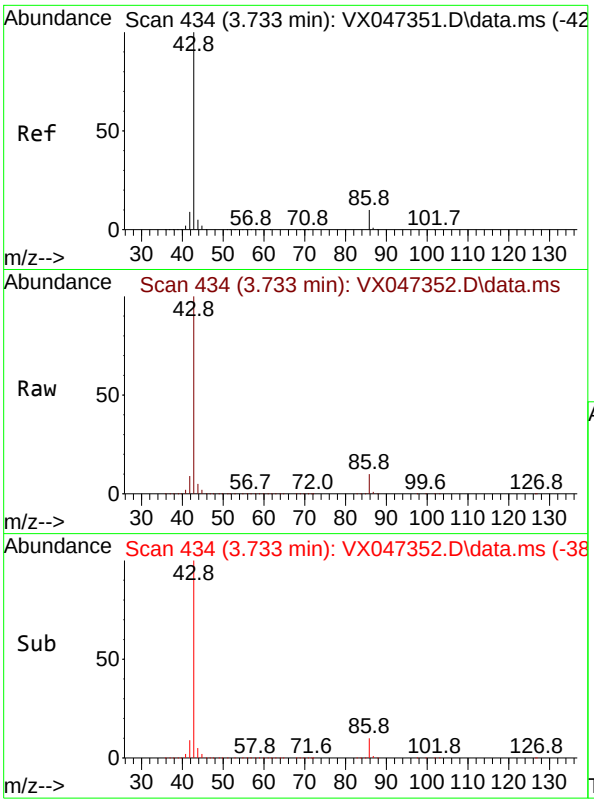


#22
Diisopropyl ether
Concen: 100.865 ug/l
RT: 3.776 min Scan# 441
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 45 Resp: 1007141

Ion	Ratio	Lower	Upper
45	100		
43	110.0	86.8	130.2
87	25.8	20.4	30.6
59	11.4	8.8	13.2



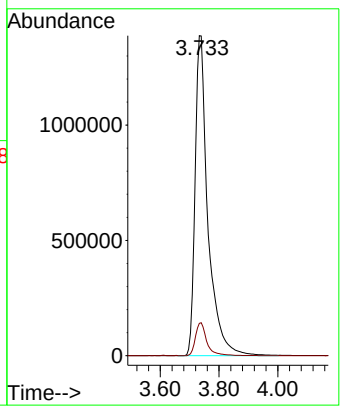


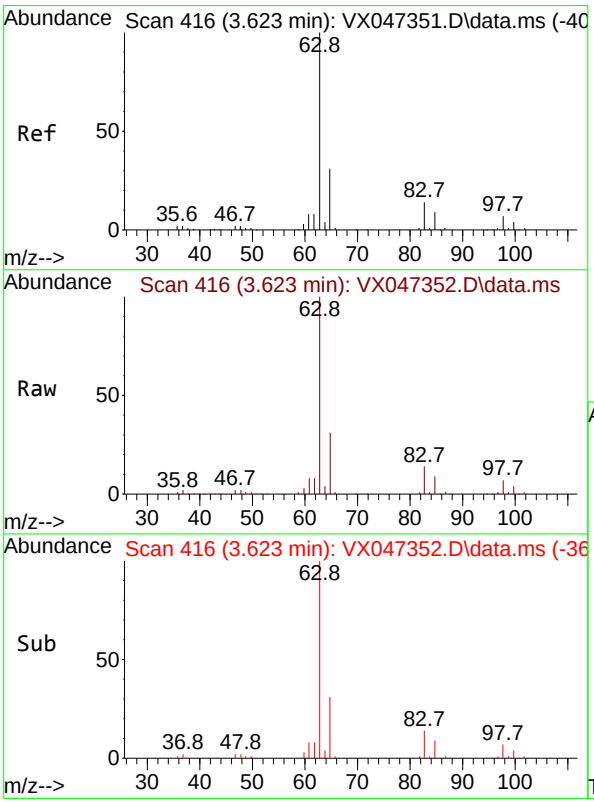
#23
Vinyl Acetate
Concen: 514.008 ug/l
RT: 3.733 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 4206762

Ion	Ratio	Lower	Upper
43	100		
86	10.1	7.9	11.9

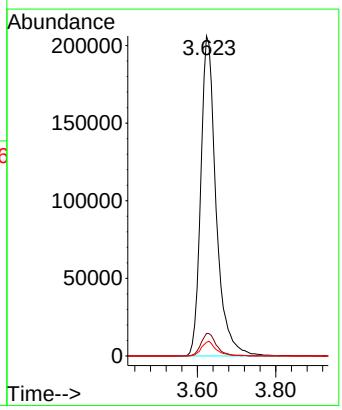


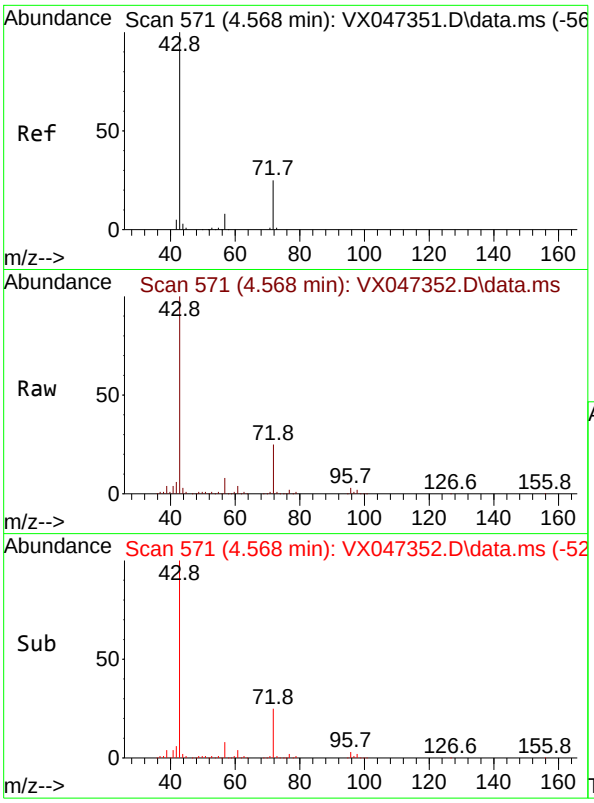


#24
1,1-Dichloroethane
Concen: 99.034 ug/l
RT: 3.623 min Scan# 416
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 63 Resp: 558936

Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.3	9.9
100	4.2	2.1	6.3



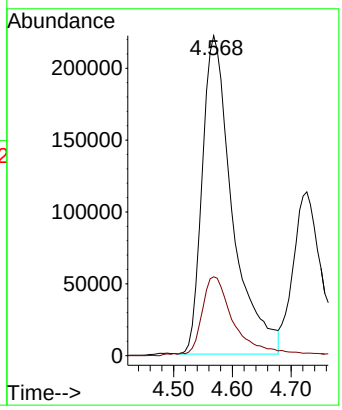


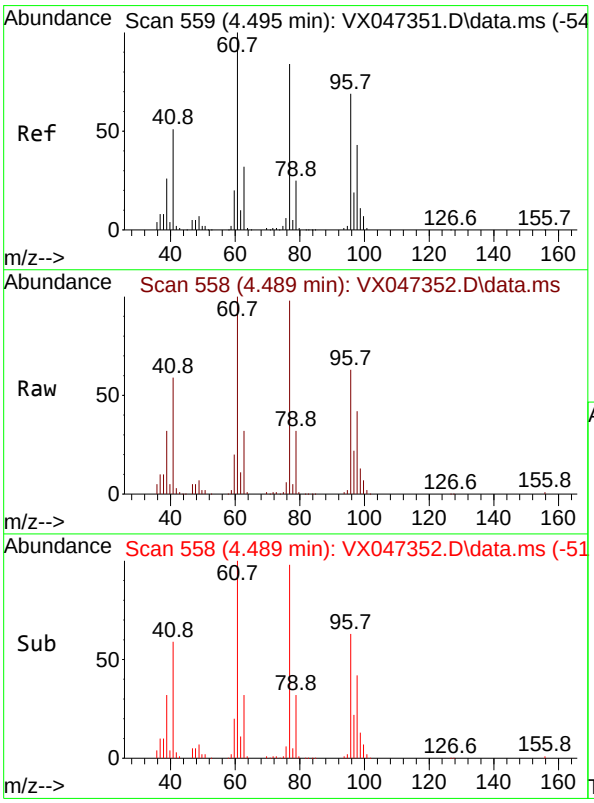
#25
2-Butanone
Concen: 496.288 ug/l
RT: 4.568 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 789816

Ion	Ratio	Lower	Upper
43	100		
72	23.9	19.8	29.8

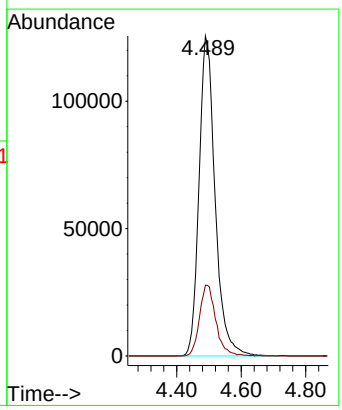


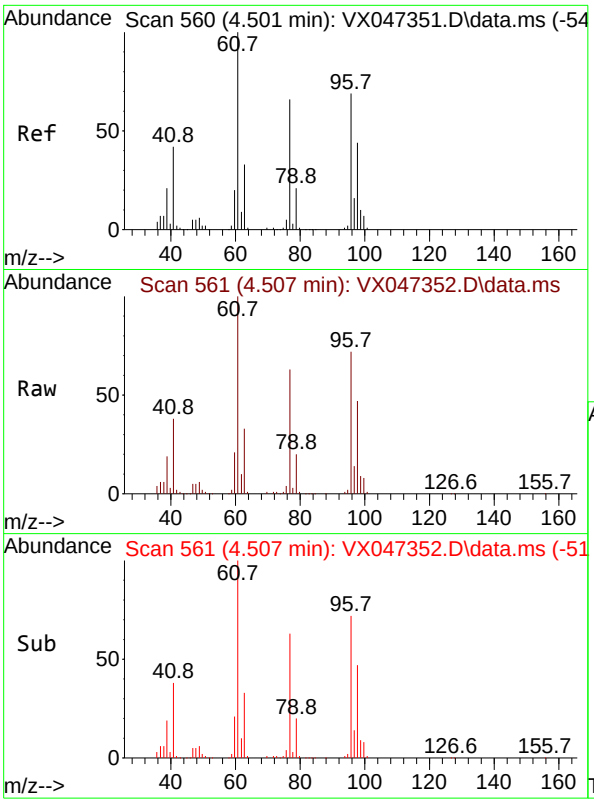


#26
2,2-Dichloropropane
Concen: 101.916 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 77 Resp: 434139

Ion	Ratio	Lower	Upper
77	100		
97	22.5	11.4	34.1



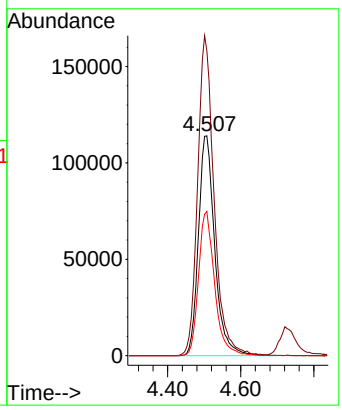


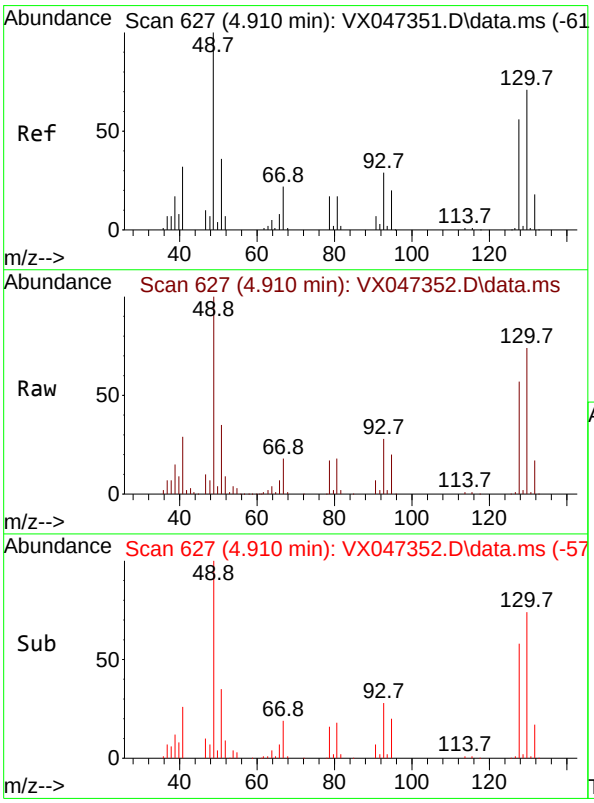
#27
cis-1,2-Dichloroethene
Concen: 98.806 ug/l
RT: 4.507 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 96 Resp: 355238

Ion	Ratio	Lower	Upper
96	100		
61	146.5	0.0	296.6
98	64.6	0.0	130.4

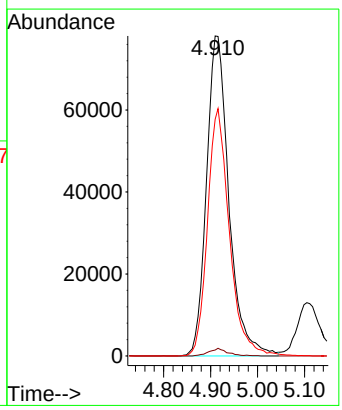


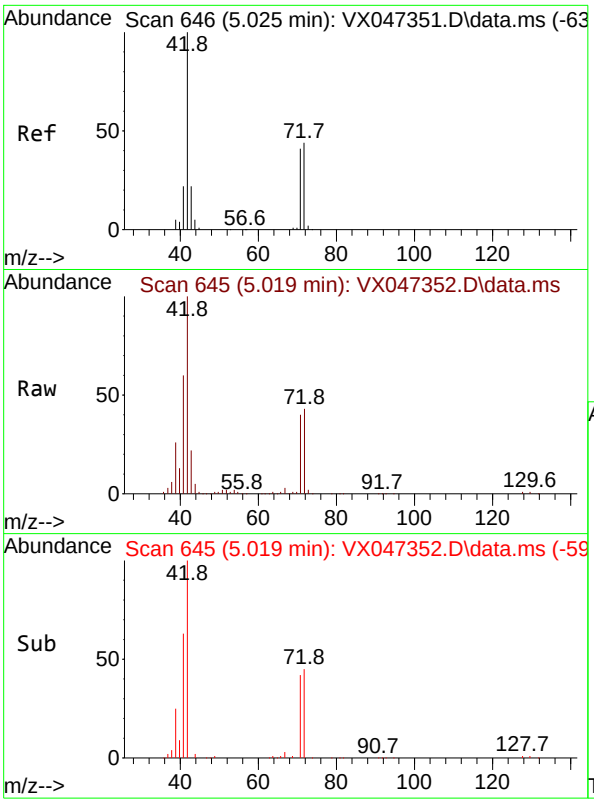


#28
Bromochloromethane
Concen: 110.131 ug/l
RT: 4.910 min Scan# 627
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 49 Resp: 258648

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	75.6	59.8	89.6



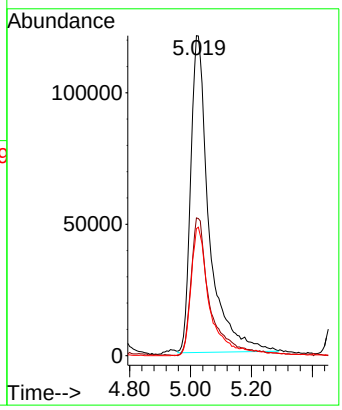


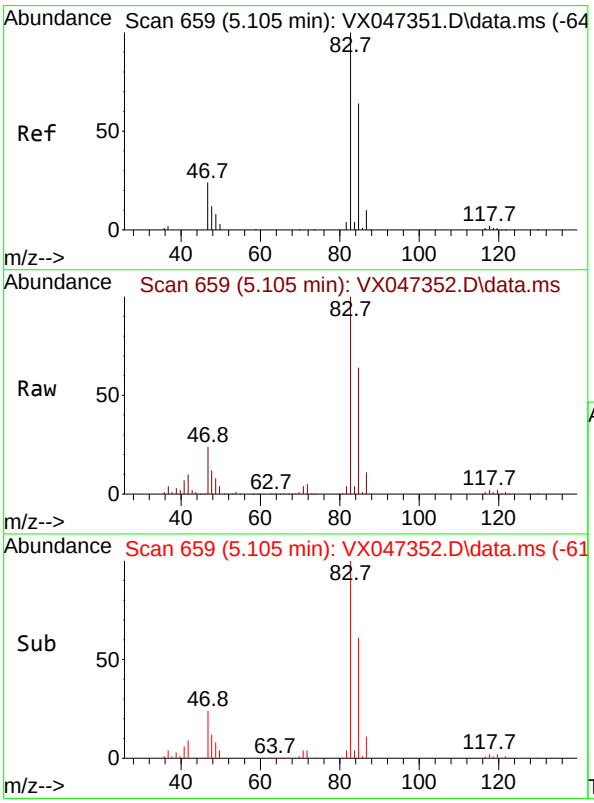
#29
Tetrahydrofuran
Concen: 491.640 ug/l
RT: 5.019 min Scan# 64
Delta R.T. -0.006 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 42 Resp: 505709

Ion	Ratio	Lower	Upper
42	100		
72	45.0	34.6	51.8
71	41.7	32.6	49.0

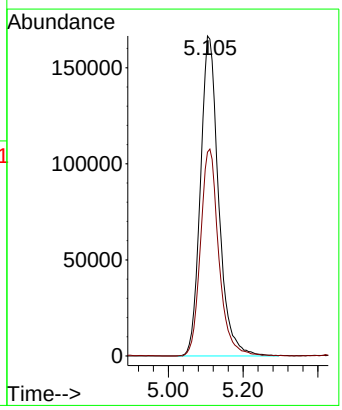


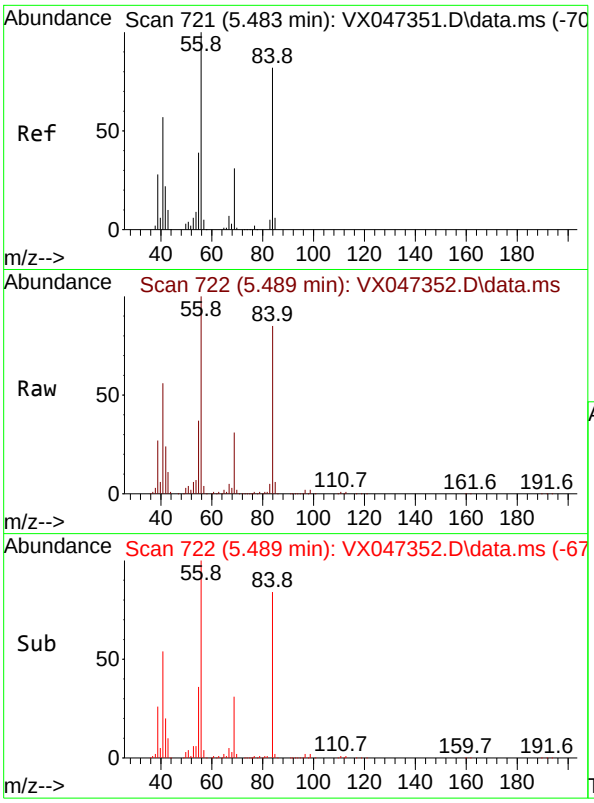


#30
Chloroform
Concen: 97.394 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 83 Resp: 560984

Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.2	76.8



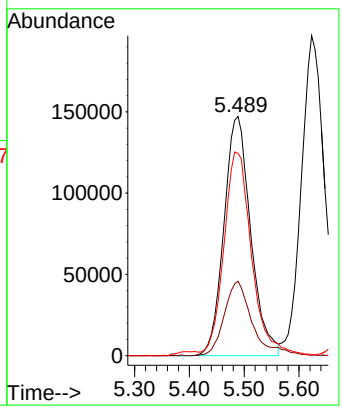


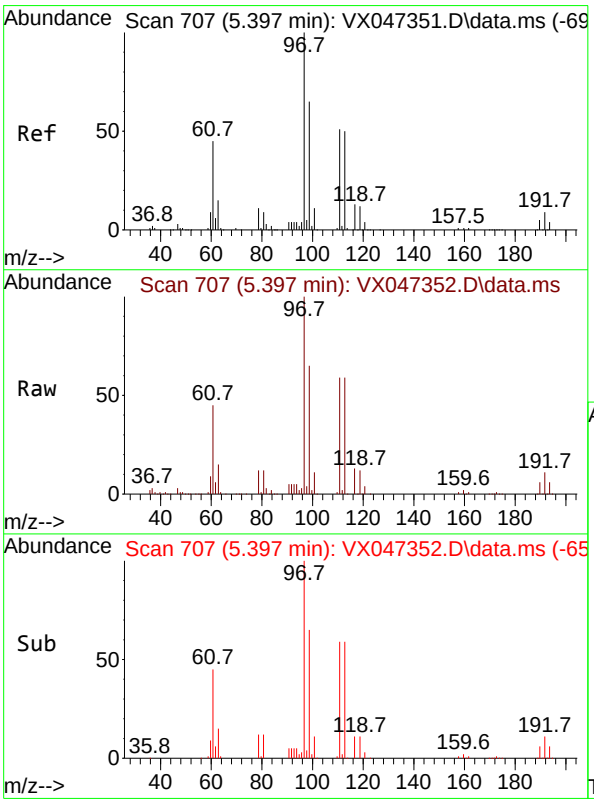
#31
Cyclohexane
Concen: 96.100 ug/l
RT: 5.489 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 56 Resp: 499975

Ion	Ratio	Lower	Upper
56	100		
69	30.8	24.3	36.5
84	83.5	65.3	97.9

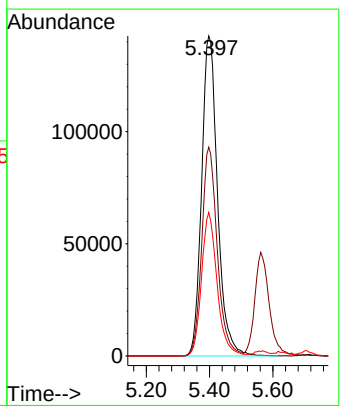


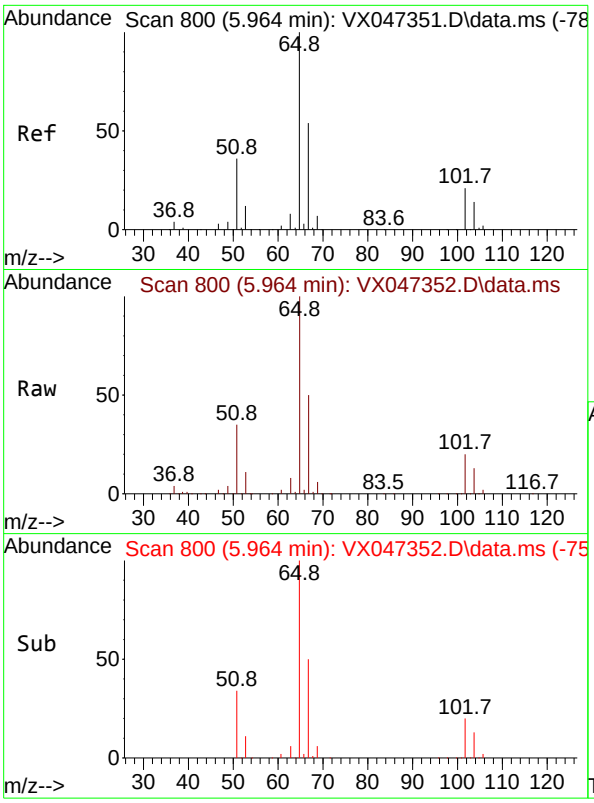


#32
1,1,1-Trichloroethane
Concen: 100.709 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 97 Resp: 499294

Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.4	77.0
61	43.9	35.7	53.5



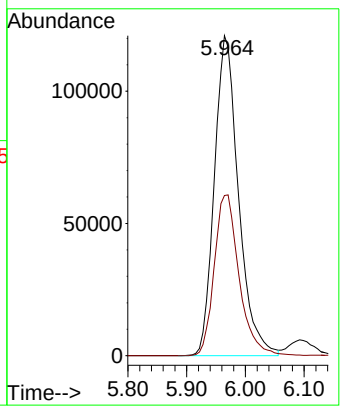


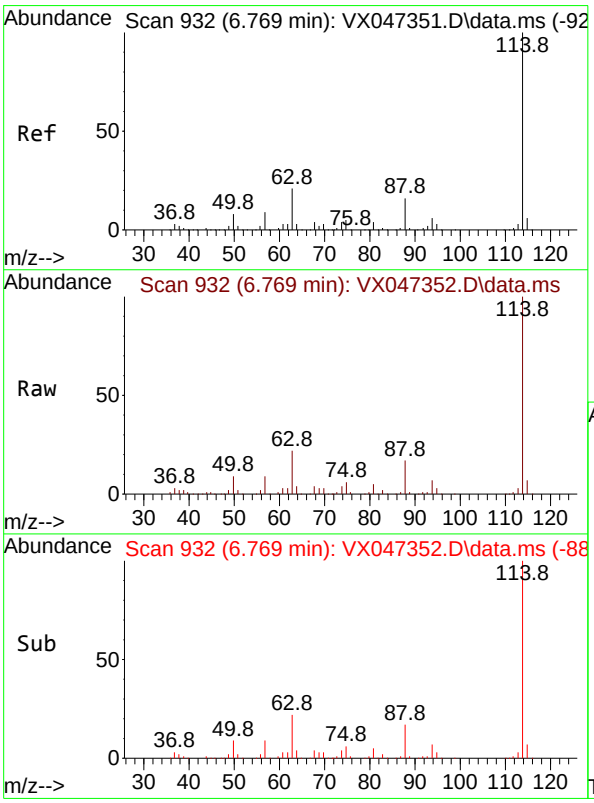
#33
1,2-Dichloroethane-d4
Concen: 106.746 ug/l
RT: 5.964 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 65 Resp: 345087

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	106.0

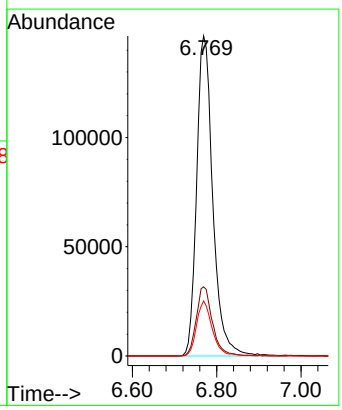


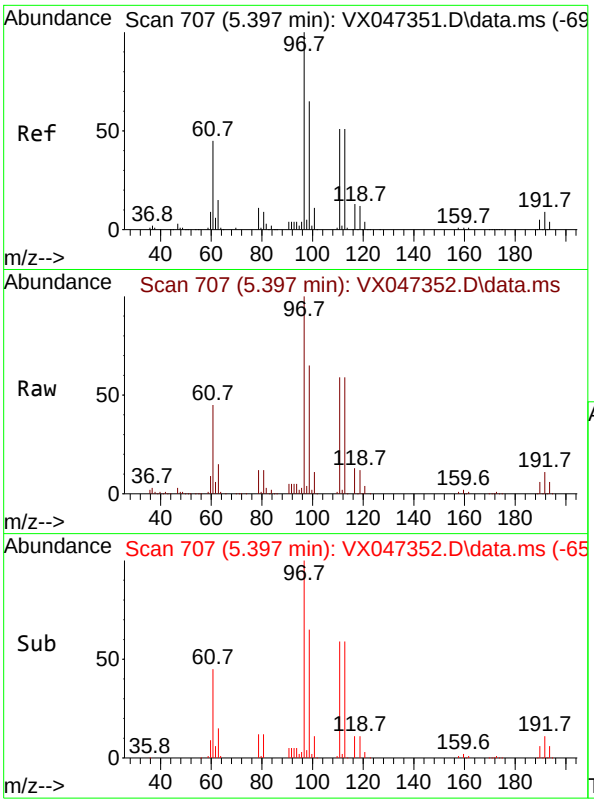


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion:114 Resp: 391443

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	42.4
88	17.2	0.0	33.0



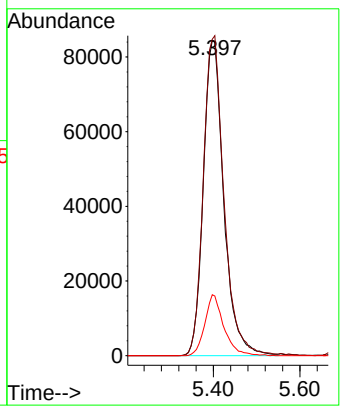


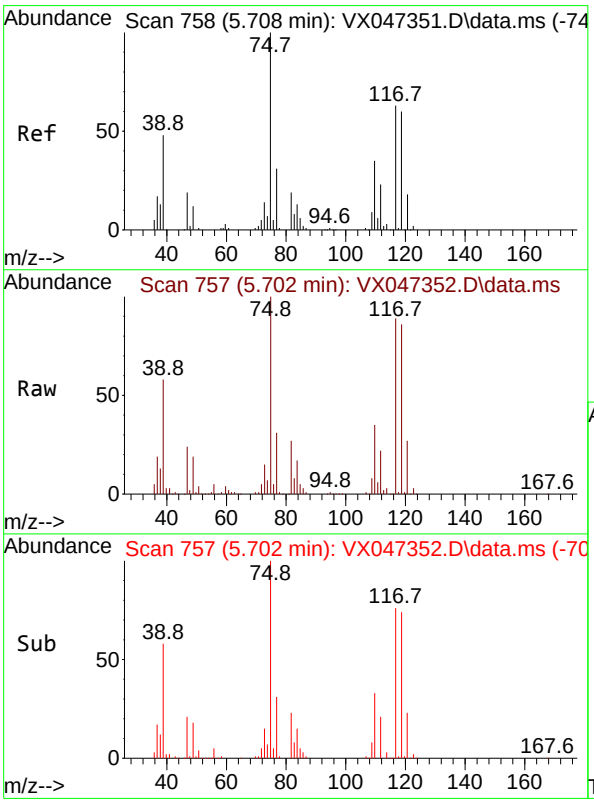
#35
Dibromofluoromethane
Concen: 108.967 ug/l
RT: 5.397 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:113 Resp: 276832

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.4	122.2
192	18.0	14.1	21.1

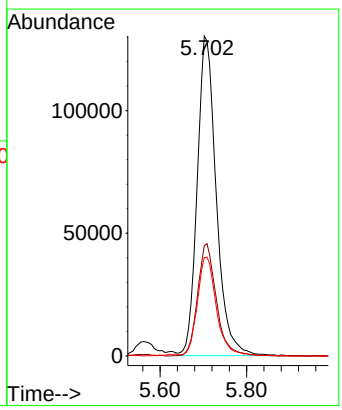


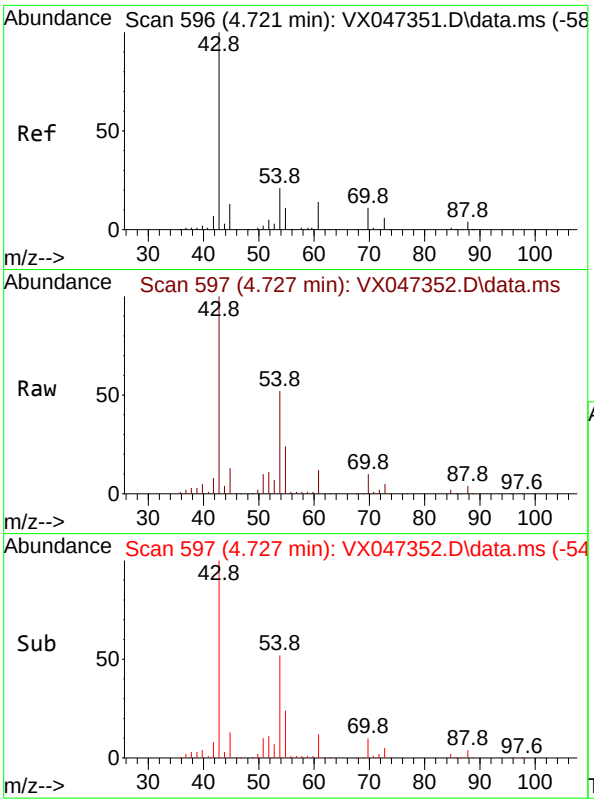


#36
1,1-Dichloropropene
Concen: 99.278 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.006 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 75 Resp: 398144

Ion	Ratio	Lower	Upper
75	100		
110	34.7	17.4	52.2
77	30.8	24.4	36.6



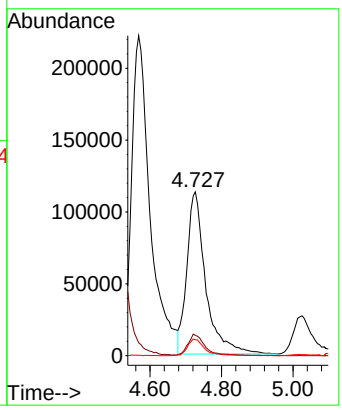


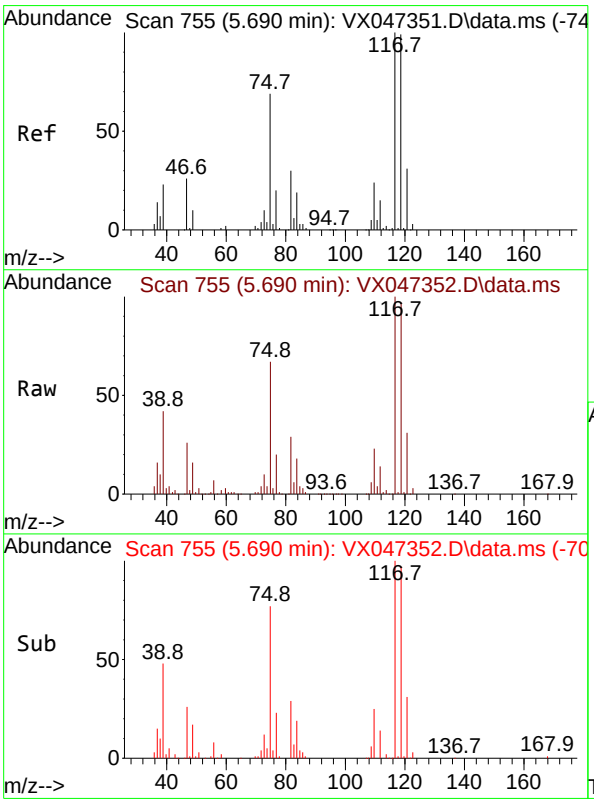
#37
Ethyl Acetate
Concen: 99.265 ug/l
RT: 4.727 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 413279

Ion	Ratio	Lower	Upper
43	100		
61	11.5	9.4	14.2
70	9.2	7.0	10.6

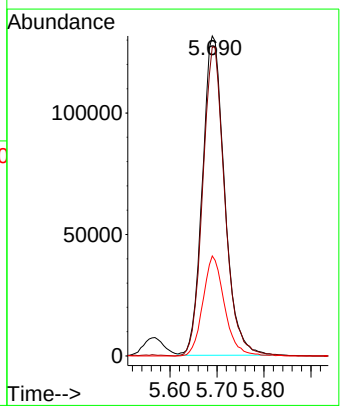


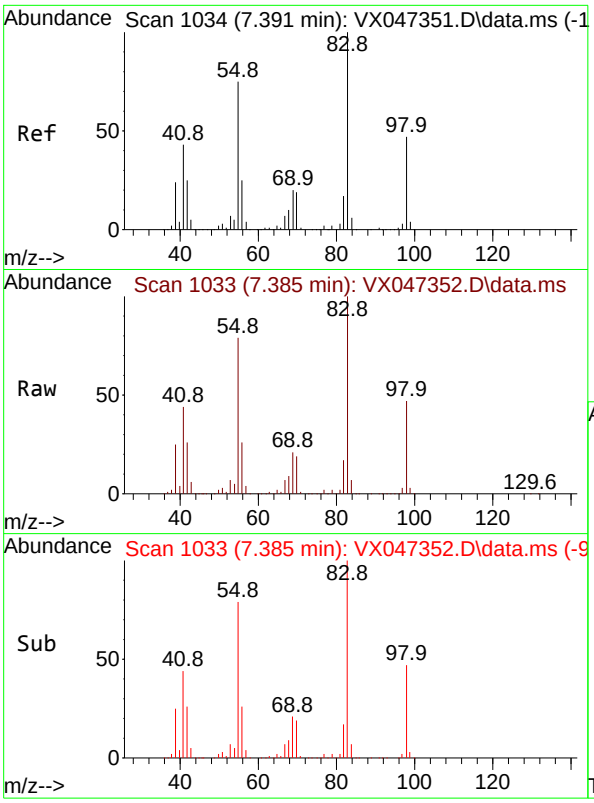


#38
Carbon Tetrachloride
Concen: 98.132 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion:117 Resp: 430061

Ion	Ratio	Lower	Upper
117	100		
119	96.7	78.5	117.7
121	31.3	24.7	37.1



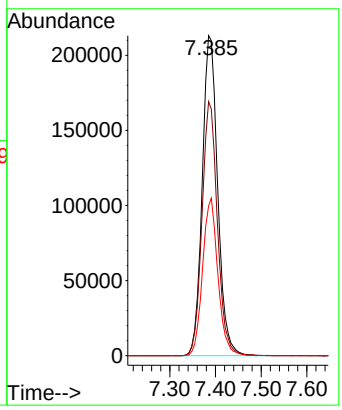


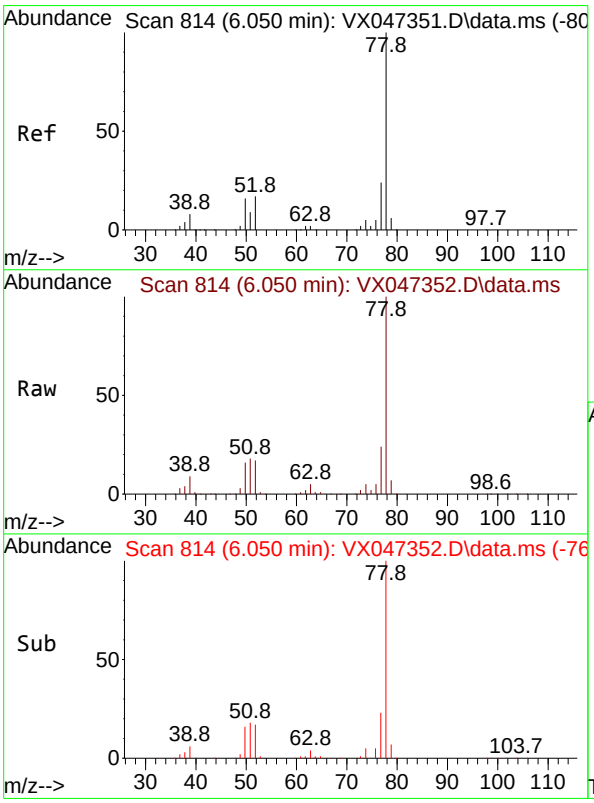
#39
Methylcyclohexane
Concen: 100.134 ug/l
RT: 7.385 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 500907

Ion	Ratio	Lower	Upper
83	100		
55	79.4	60.0	90.0
98	46.7	37.2	55.8

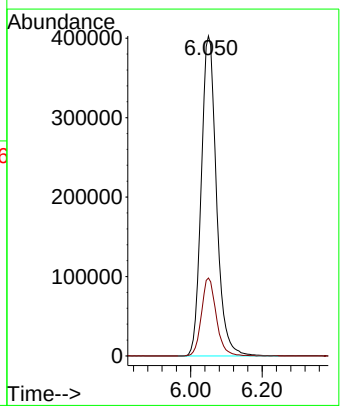


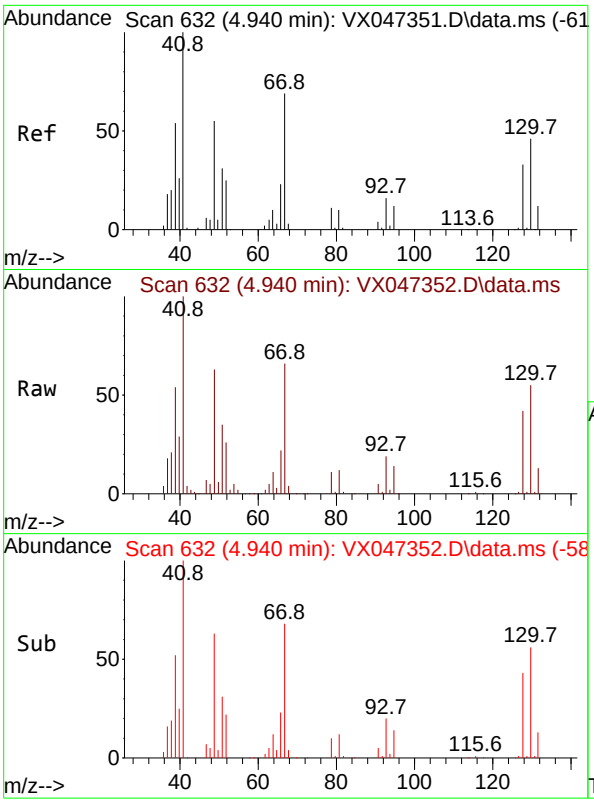


#40
Benzene
Concen: 98.866 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 78 Resp: 1186760

Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.0	28.4



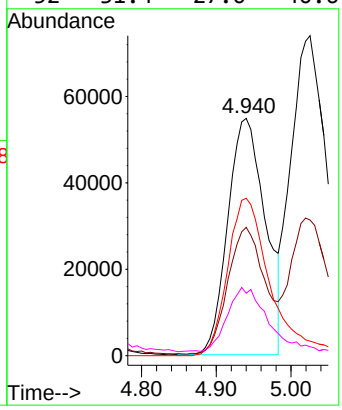


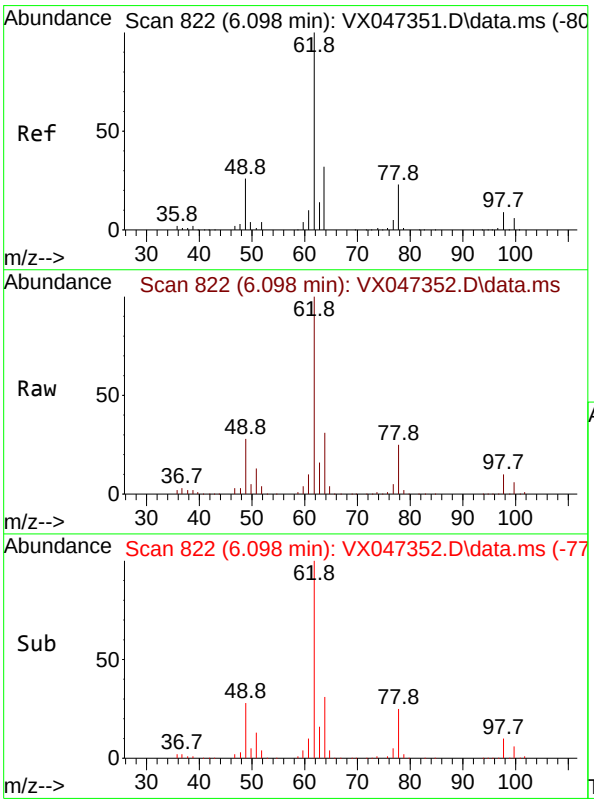
#41
Methacrylonitrile
Concen: 109.177 ug/l
RT: 4.940 min Scan# 6
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 41 Resp: 191678

Ion	Ratio	Lower	Upper
41	100		
39	53.0	45.4	68.2
67	75.5	64.0	96.0
52	31.4	27.0	40.6

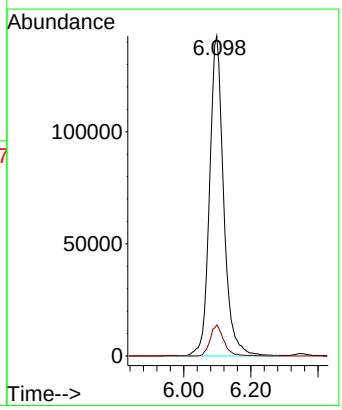


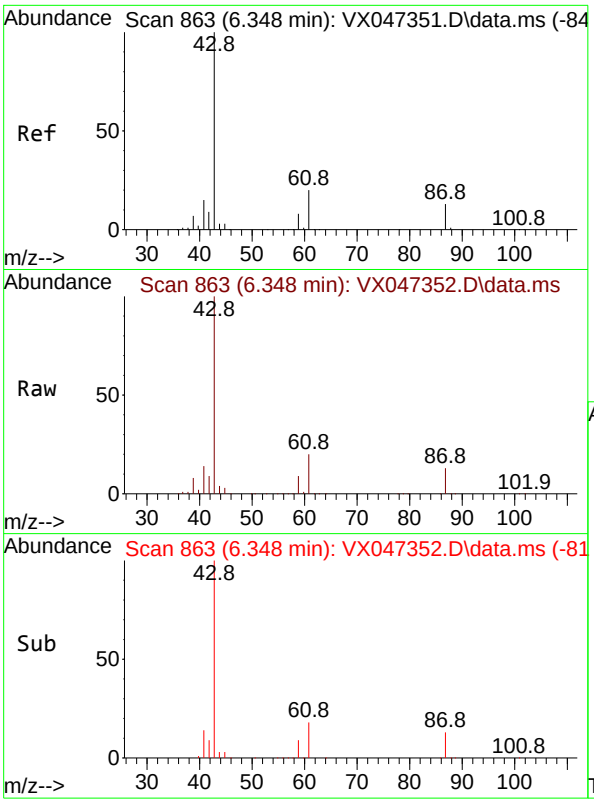


#42
1,2-Dichloroethane
Concen: 97.940 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 62 Resp: 416430

Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.0



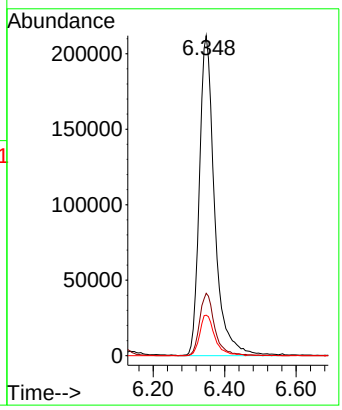


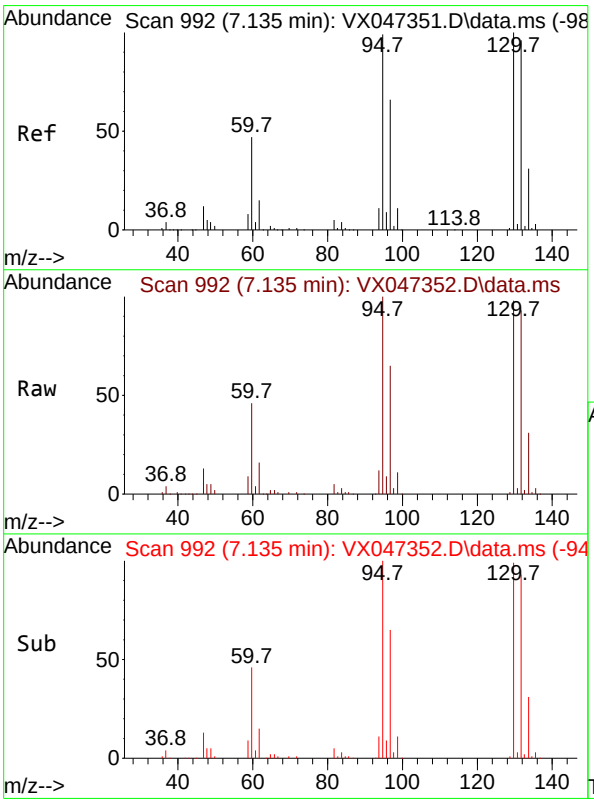
#43
Isopropyl Acetate
Concen: 104.400 ug/l
RT: 6.348 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 624423

Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.4	23.0
87	12.6	10.2	15.4

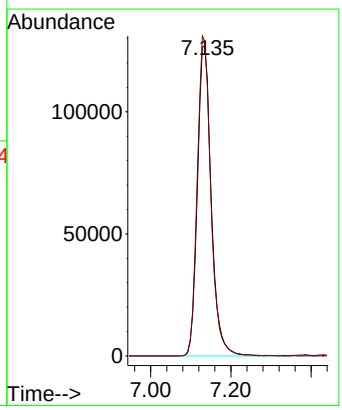


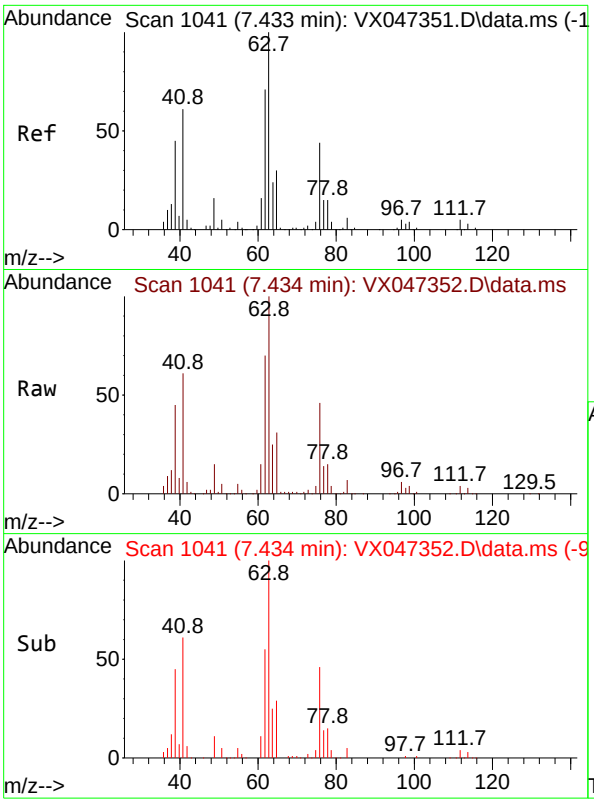


#44
Trichloroethene
Concen: 99.224 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion:130 Resp: 304976

Ion	Ratio	Lower	Upper
130	100		
95	101.6	0.0	198.6



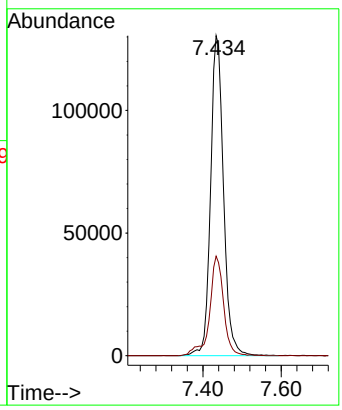


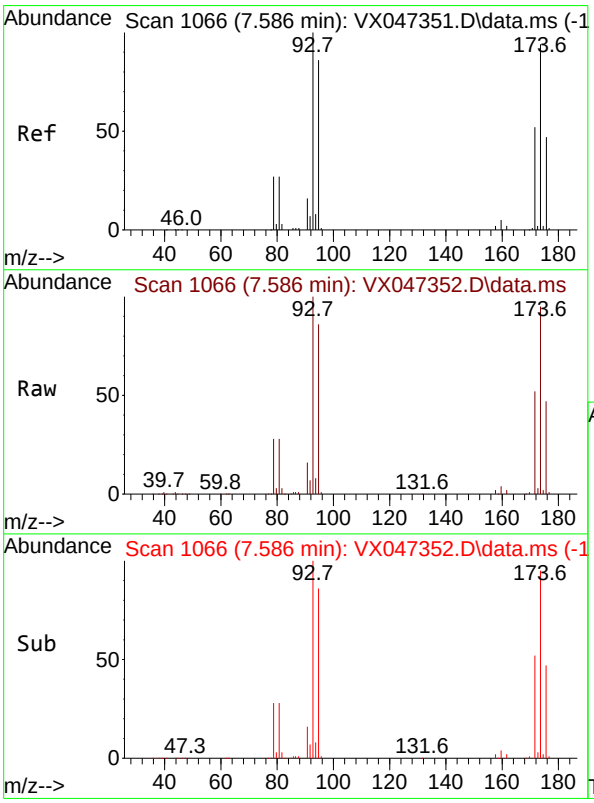
#45
1,2-Dichloropropane
Concen: 99.300 ug/l
RT: 7.434 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 63 Resp: 298616

Ion	Ratio	Lower	Upper
63	100		
65	31.1	23.8	35.6

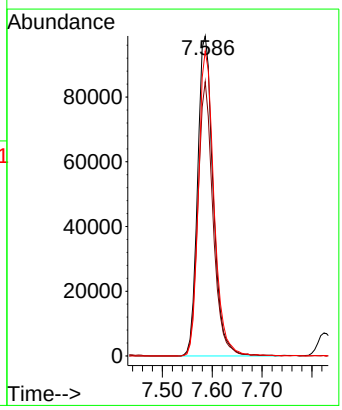


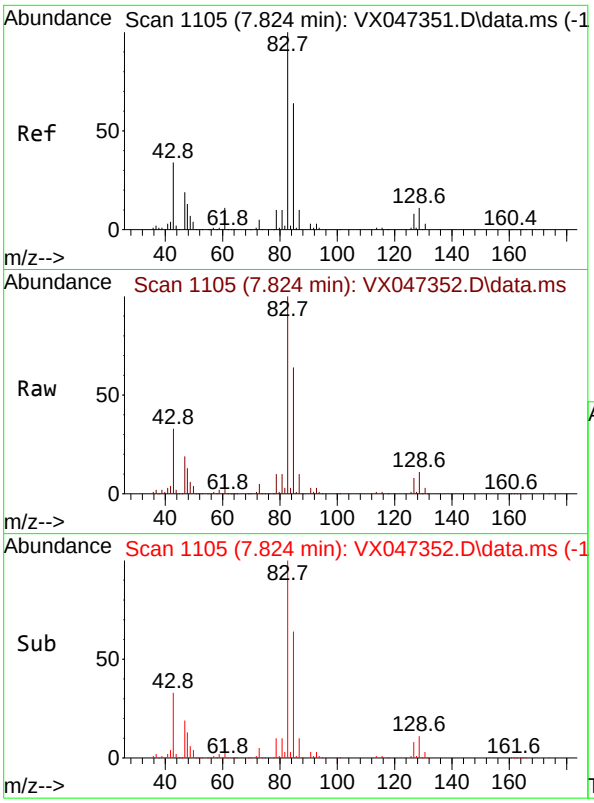


#46
Dibromomethane
Concen: 98.052 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 93 Resp: 214069

Ion	Ratio	Lower	Upper
93	100		
95	83.3	68.0	102.0
174	95.0	75.8	113.6



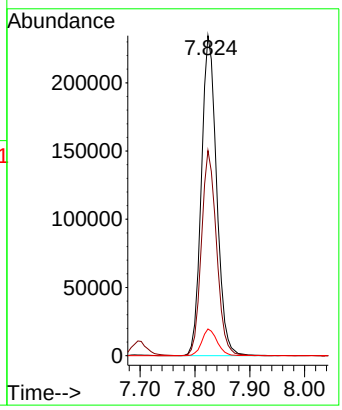


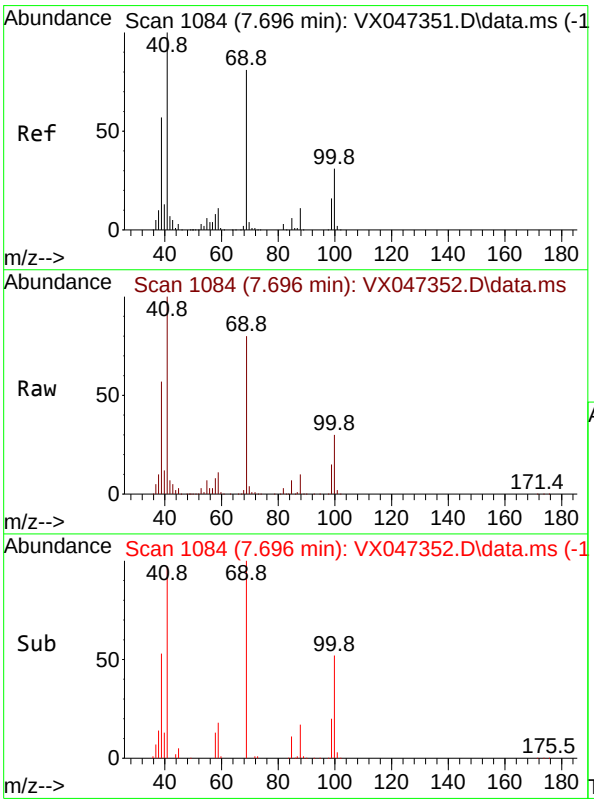
#47
Bromodichloromethane
Concen: 99.995 ug/l
RT: 7.824 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 452578

Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.0	76.6
127	8.3	7.0	10.4

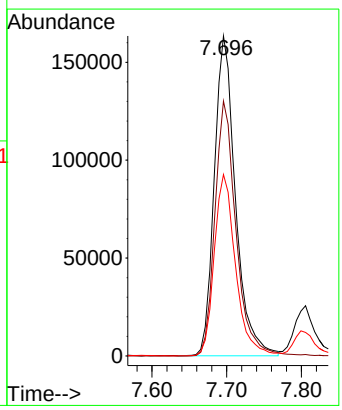


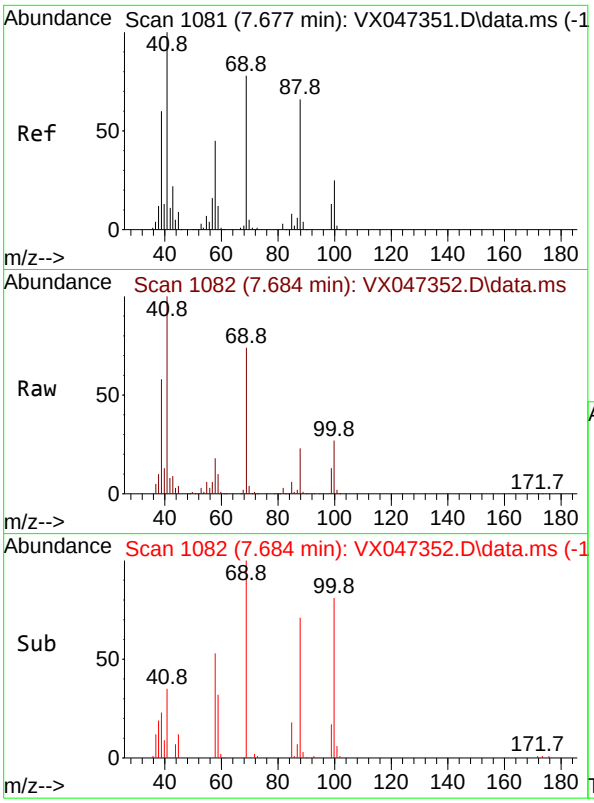


#48
Methyl methacrylate
Concen: 103.875 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 41 Resp: 322487

Ion	Ratio	Lower	Upper
41	100		
69	79.6	65.0	97.4
39	57.1	45.7	68.5



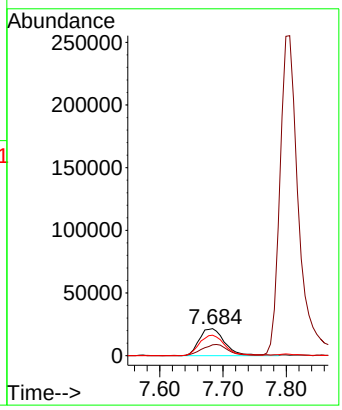


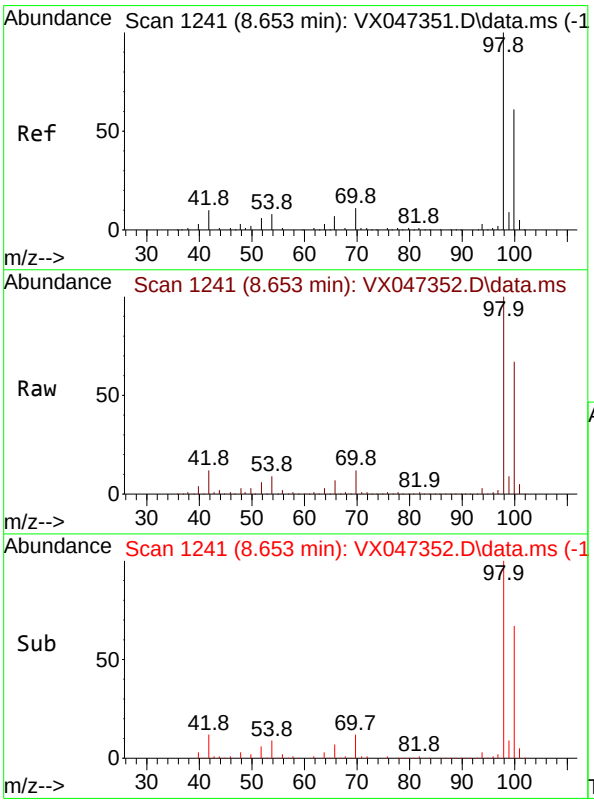
#49
1,4-Dioxane
Concen: 2073.830 ug/l
RT: 7.684 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 88 Resp: 61142

Ion	Ratio	Lower	Upper
88	100		
43	40.9	32.4	48.6
58	74.8	56.9	85.3

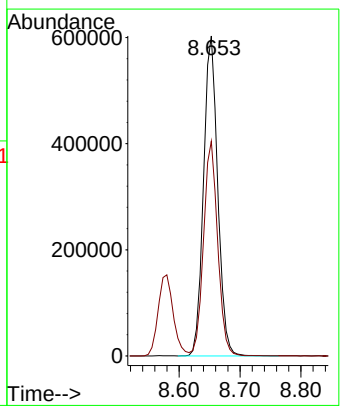


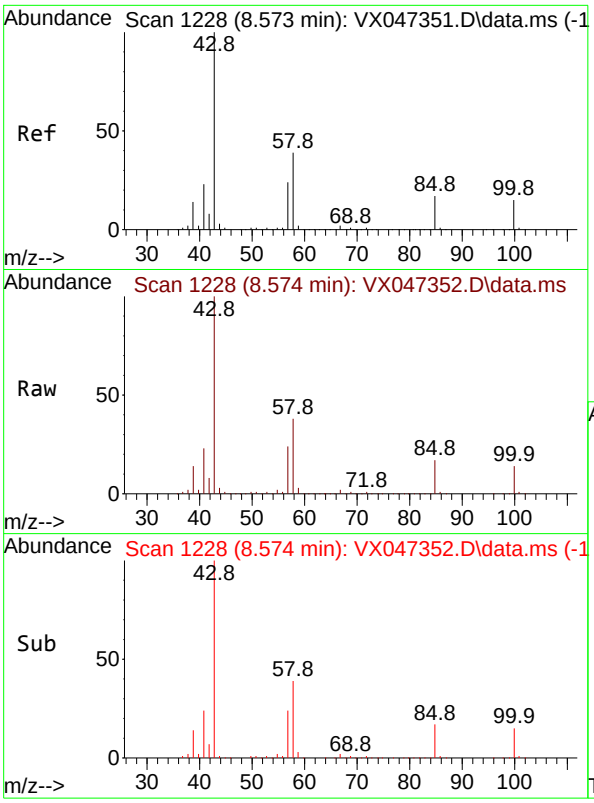


#50
Toluene-d8
Concen: 107.419 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 98 Resp: 975414

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.9	80.9



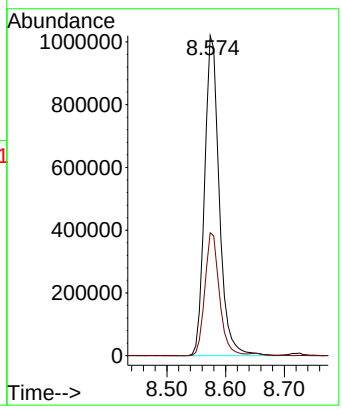


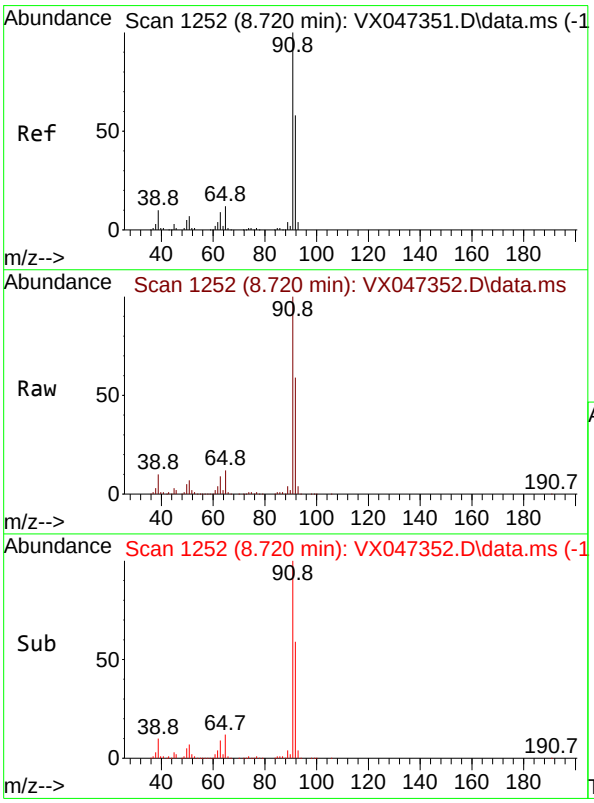
#51
4-Methyl-2-Pentanone
Concen: 513.097 ug/l
RT: 8.574 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 1766006

Ion	Ratio	Lower	Upper
43	100		
58	38.2	31.2	46.8

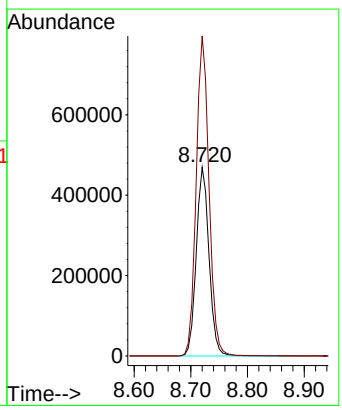


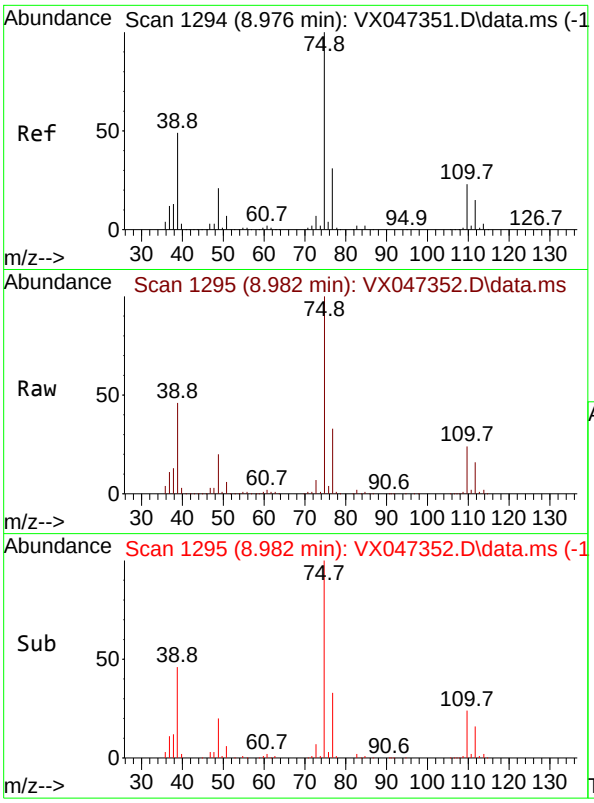


#52
Toluene
Concen: 98.837 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 92 Resp: 733119

Ion	Ratio	Lower	Upper
92	100		
91	170.1	136.3	204.5



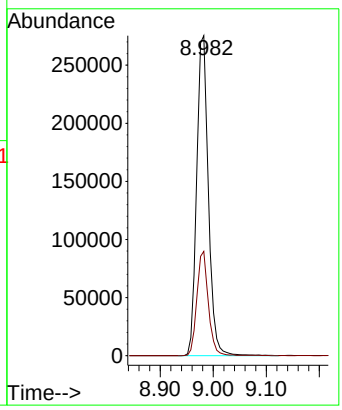


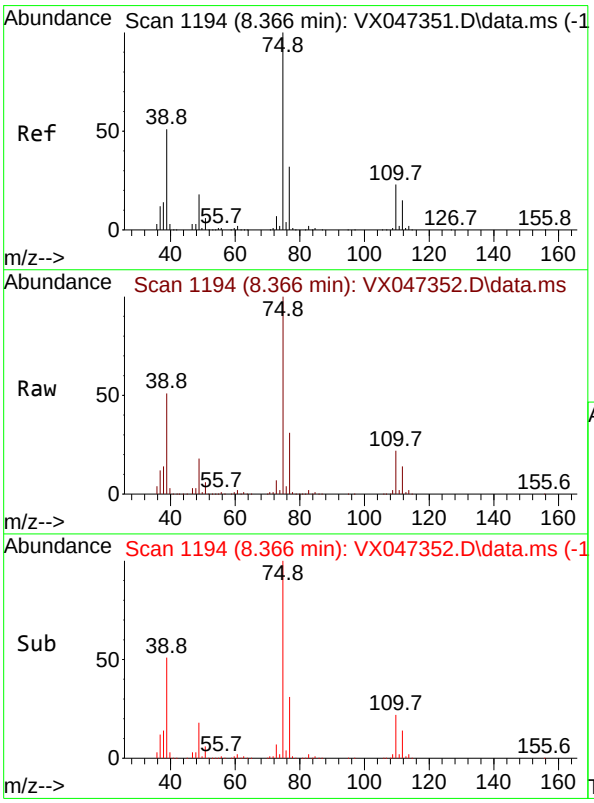
#53
t-1,3-Dichloropropene
Concen: 107.156 ug/l
RT: 8.982 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 423279

Ion	Ratio	Lower	Upper
75	100		
77	32.6	24.7	37.1

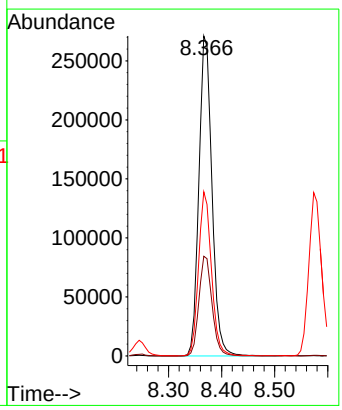


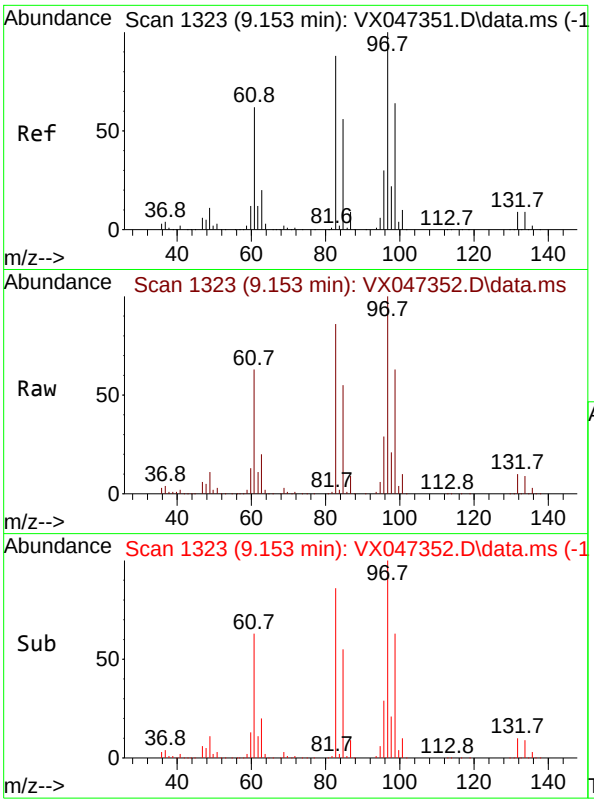


#54
cis-1,3-Dichloropropene
Concen: 103.698 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 75 Resp: 463640

Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.6	38.4
39	51.2	40.9	61.3



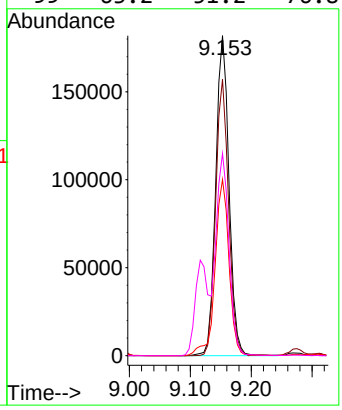


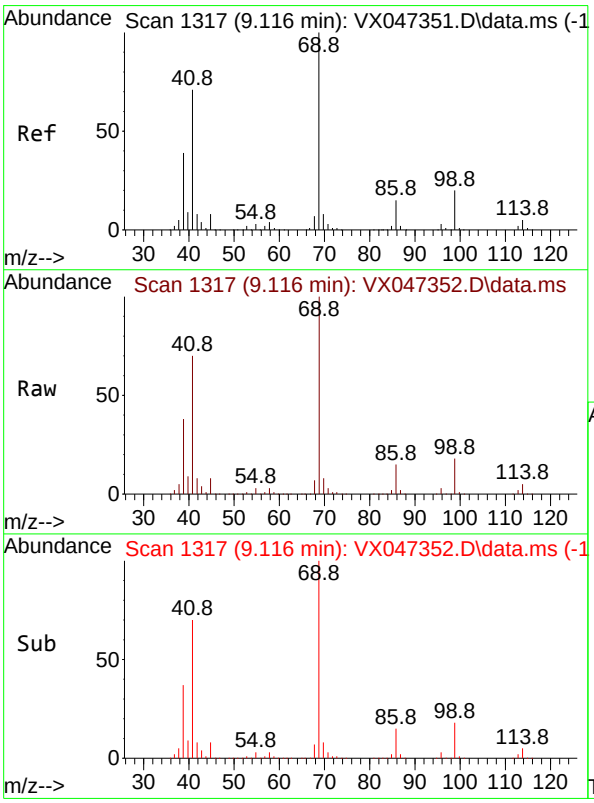
#55
1,1,2-Trichloroethane
Concen: 97.863 ug/l
RT: 9.153 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 97 Resp: 275607

Ion	Ratio	Lower	Upper
97	100		
83	86.3	70.6	106.0
85	55.0	44.7	67.1
99	63.2	51.2	76.8

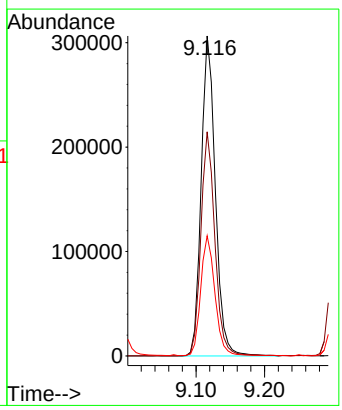


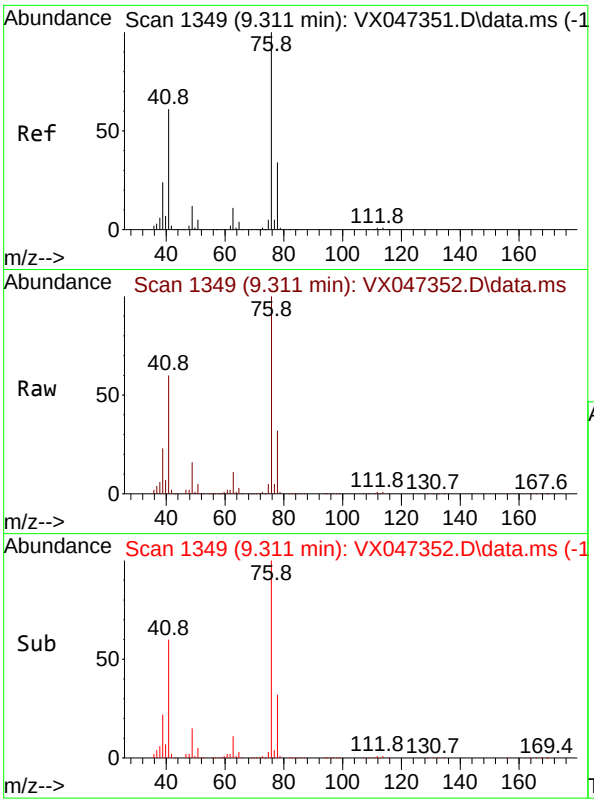


#56
Ethyl methacrylate
Concen: 106.154 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 69 Resp: 440765

Ion	Ratio	Lower	Upper
69	100		
41	69.4	55.3	82.9
39	37.6	30.2	45.2



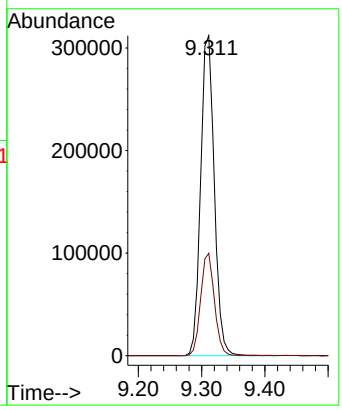


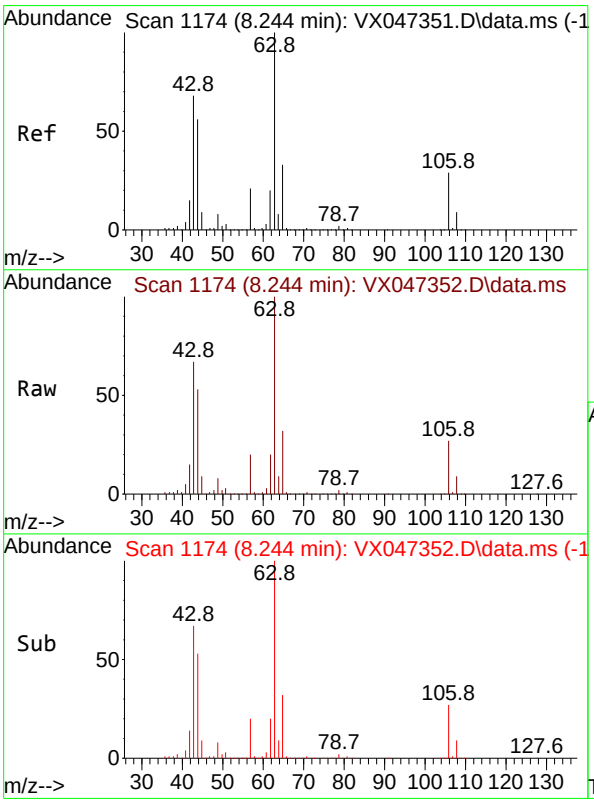
#57
1,3-Dichloropropane
Concen: 97.899 ug/l
RT: 9.311 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 76 Resp: 469804

Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.2	39.2

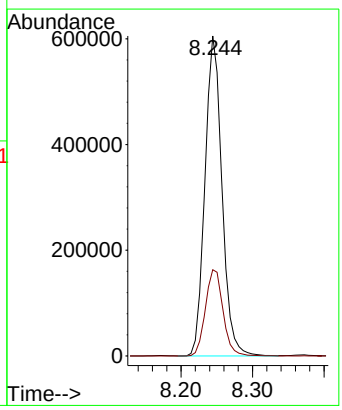


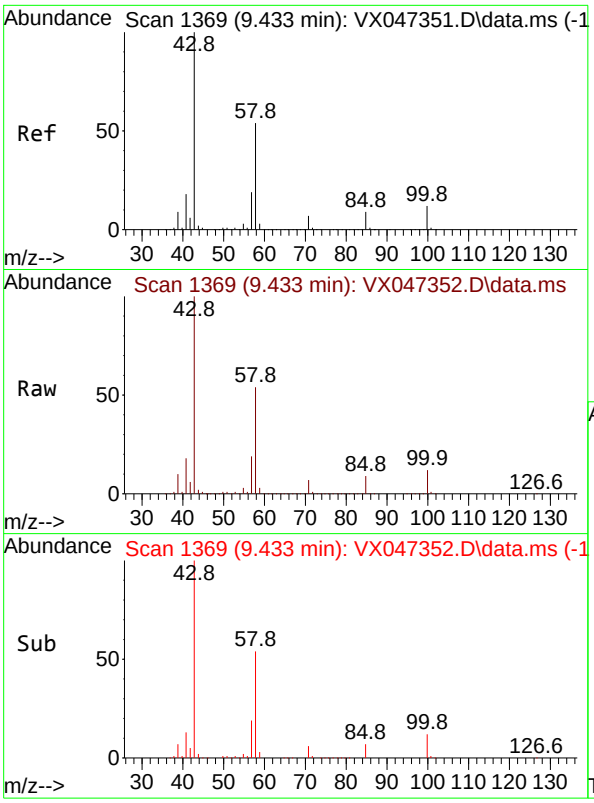


#58
2-Chloroethyl Vinyl ether
Concen: 496.016 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 63 Resp: 1000312

Ion	Ratio	Lower	Upper
63	100		
106	27.9	22.8	34.2



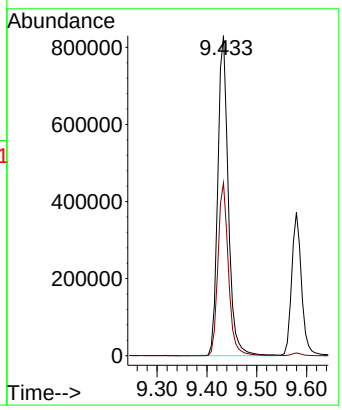


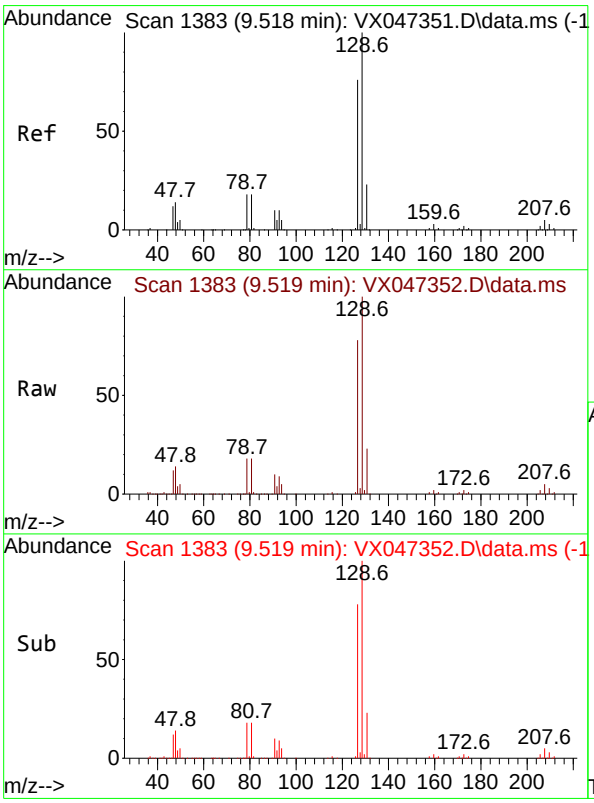
#59
2-Hexanone
Concen: 510.384 ug/l
RT: 9.433 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 1215128

Ion	Ratio	Lower	Upper
43	100		
58	53.7	26.9	80.7

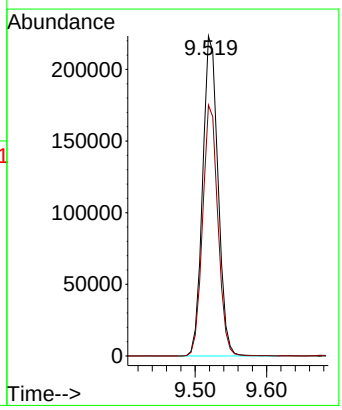


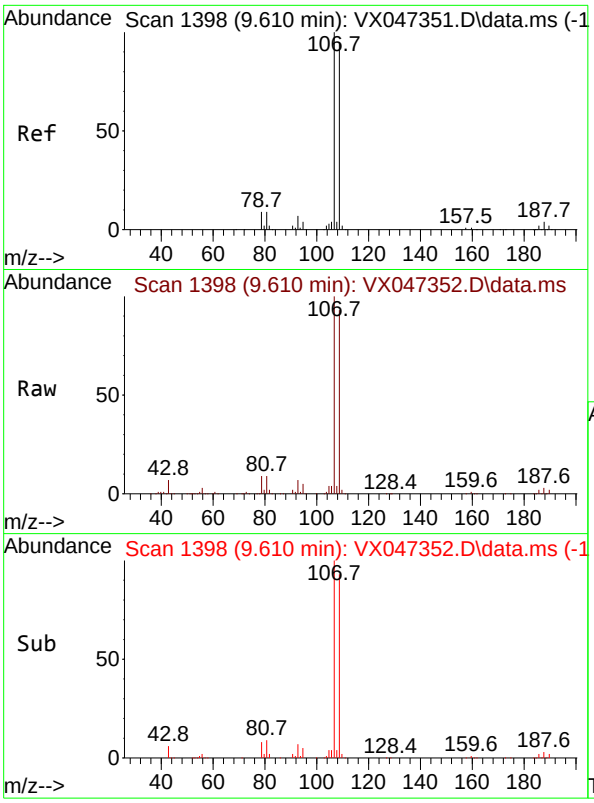


#60
Dibromochloromethane
Concen: 99.621 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion:129 Resp: 333420

Ion	Ratio	Lower	Upper
129	100		
127	77.7	38.9	116.6



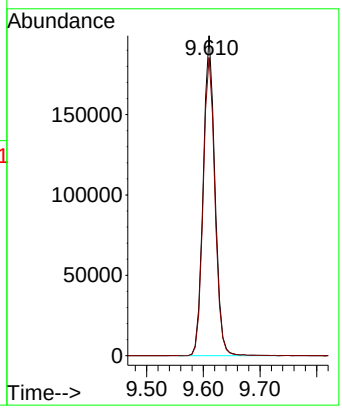


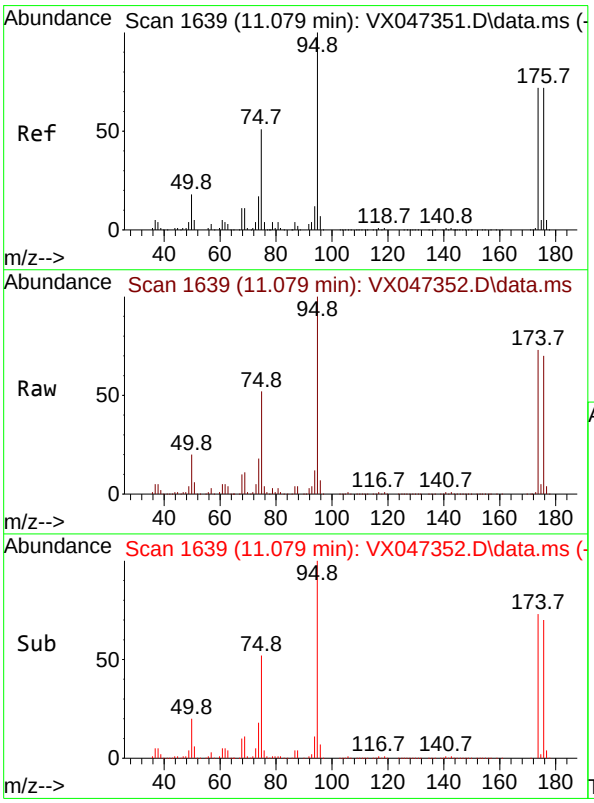
#61
1,2-Dibromoethane
Concen: 98.420 ug/l
RT: 9.610 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:107 Resp: 285821

Ion	Ratio	Lower	Upper
107	100		
109	93.7	76.2	114.2

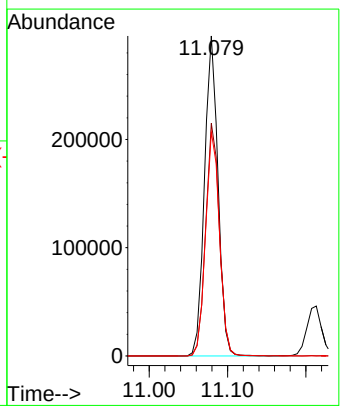


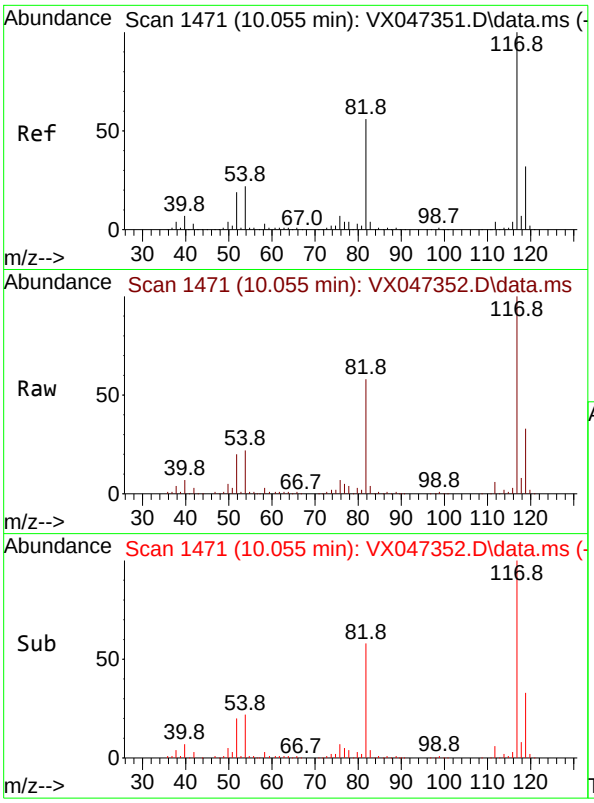


#62
4-Bromofluorobenzene
Concen: 105.546 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 95 Resp: 353668

Ion	Ratio	Lower	Upper
95	100		
174	73.7	0.0	148.0
176	71.9	0.0	145.4



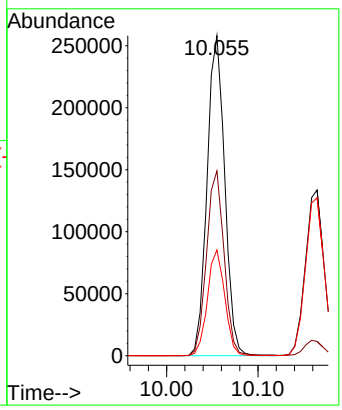


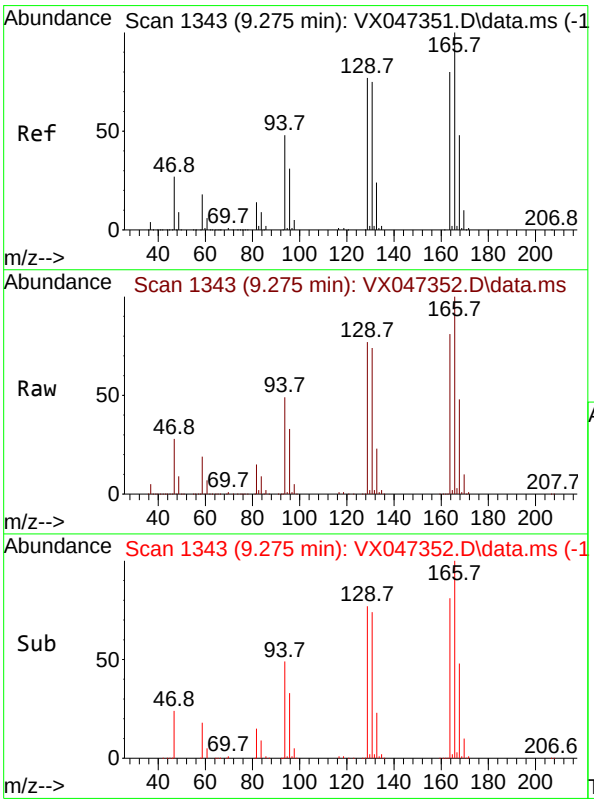
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:117 Resp: 345492

Ion	Ratio	Lower	Upper
117	100		
82	57.7	45.0	67.4
119	33.1	25.8	38.8

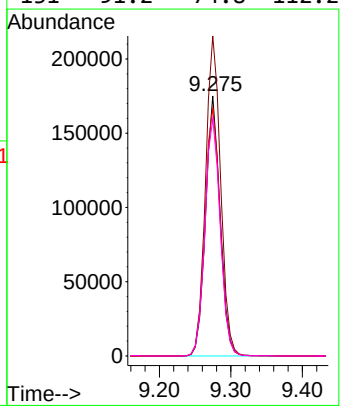


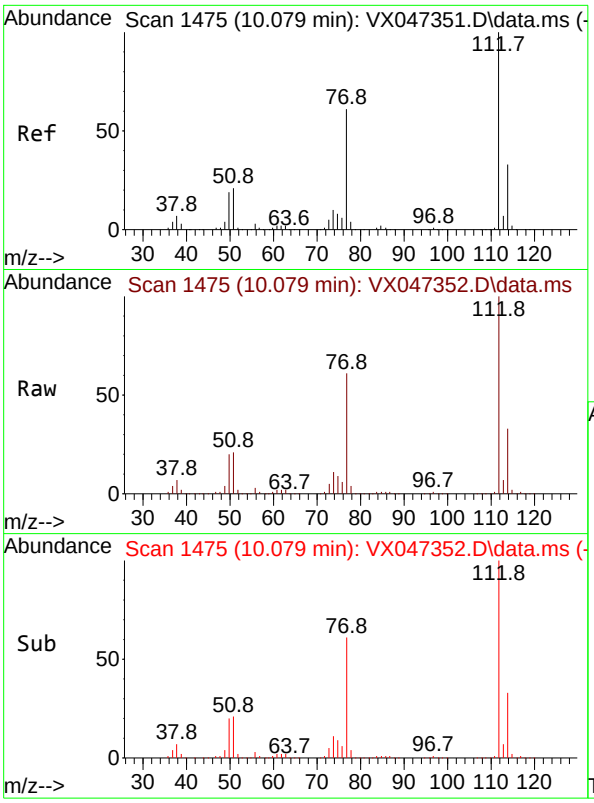


#64
Tetrachloroethene
Concen: 99.506 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion:164 Resp: 248666

Ion	Ratio	Lower	Upper
164	100		
166	123.1	100.3	150.5
129	95.2	77.7	116.5
131	91.2	74.8	112.2



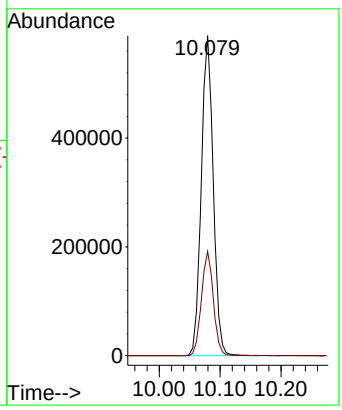


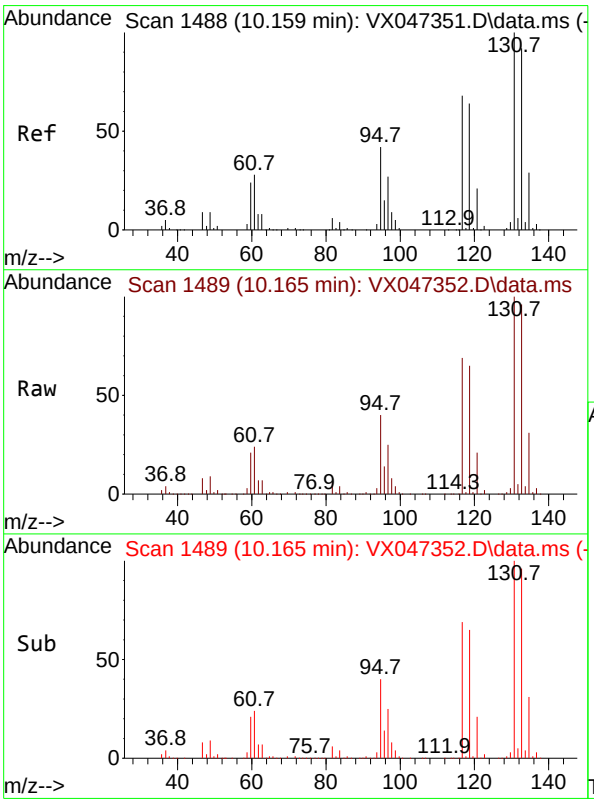
#65
Chlorobenzene
Concen: 97.887 ug/l
RT: 10.079 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:112 Resp: 803672

Ion	Ratio	Lower	Upper
112	100		
114	32.6	26.4	39.6

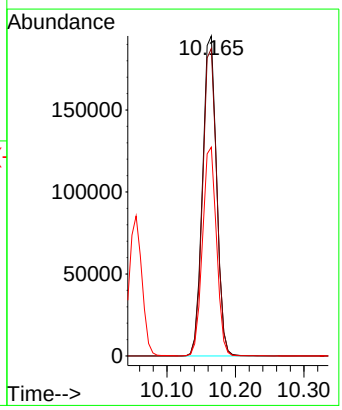


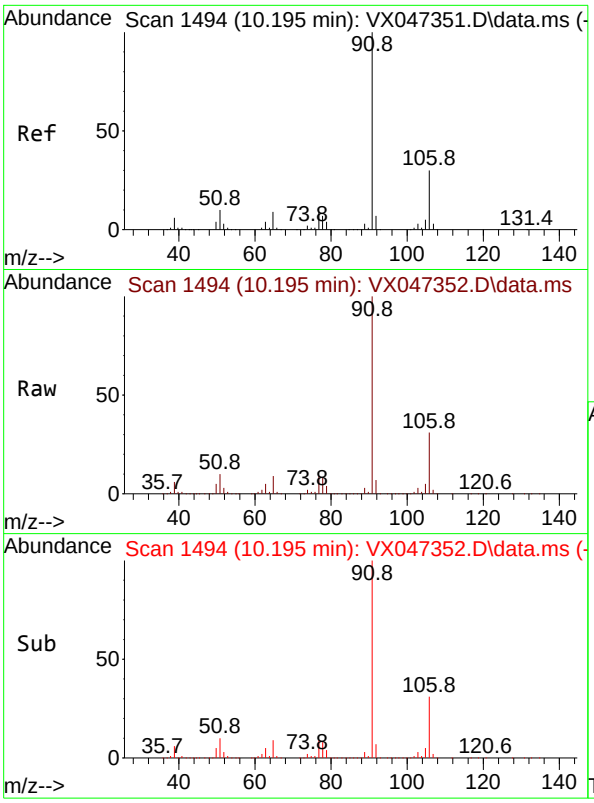


#66
1,1,1,2-Tetrachloroethane
Concen: 100.380 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion:131 Resp: 278595

Ion	Ratio	Lower	Upper
131	100		
133	96.4	47.6	142.9
119	65.3	32.3	96.8



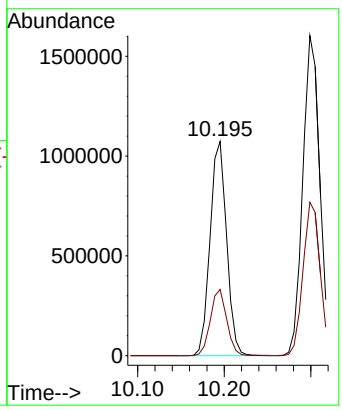


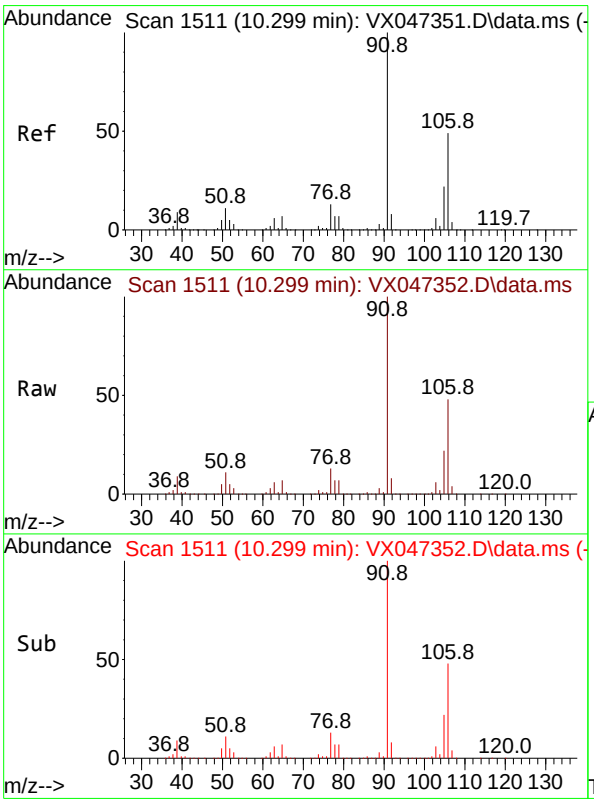
#67
Ethyl Benzene
Concen: 100.832 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 1424862

Ion	Ratio	Lower	Upper
91	100		
106	30.9	24.4	36.6

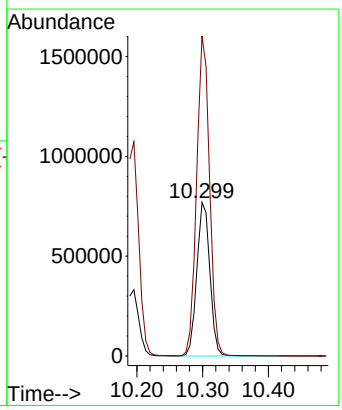


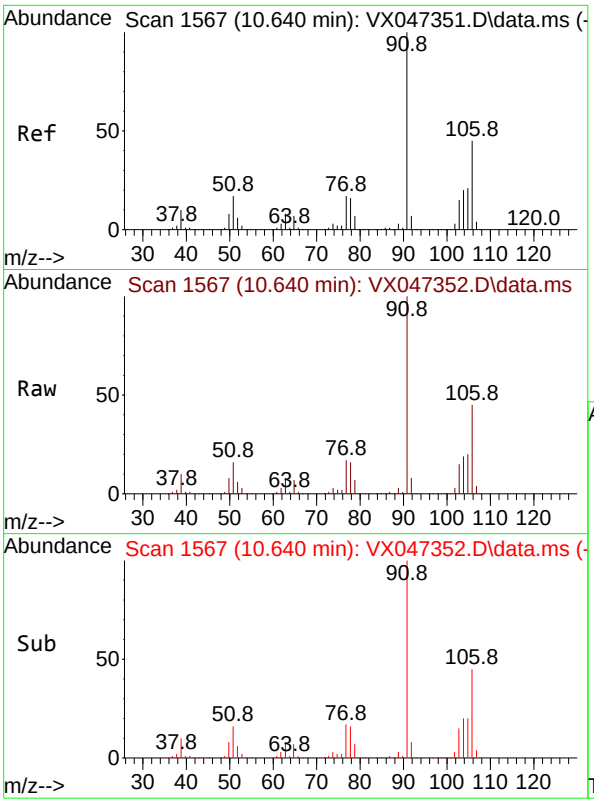


#68
m/p-Xylenes
Concen: 200.518 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion:106 Resp: 1056553

Ion	Ratio	Lower	Upper
106	100		
91	207.5	164.7	247.1



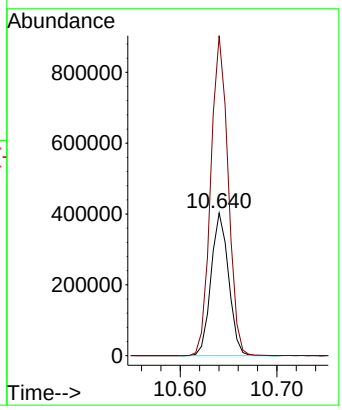


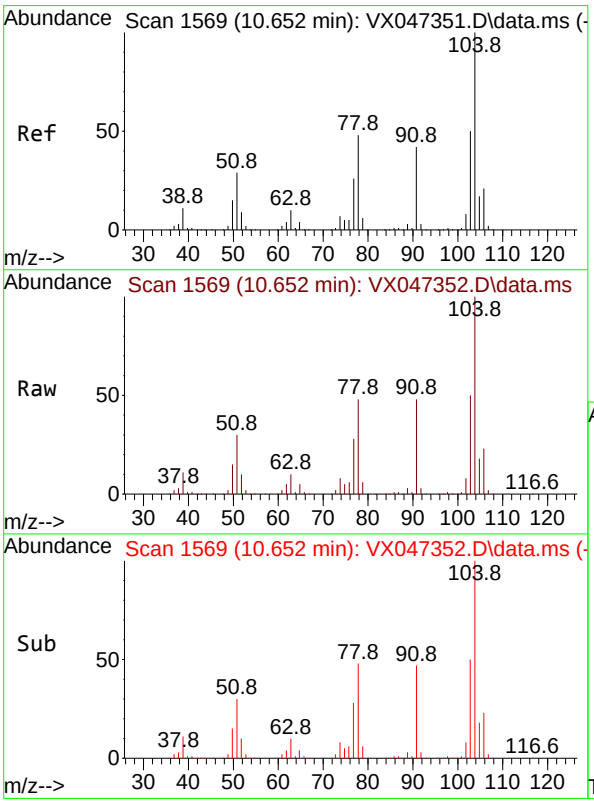
#69
o-Xylene
Concen: 100.188 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 508020

Ion	Ratio	Lower	Upper
106	100		
91	222.6	110.6	331.8

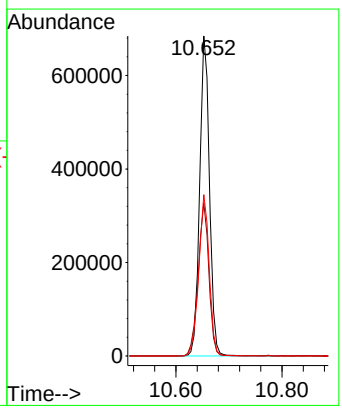


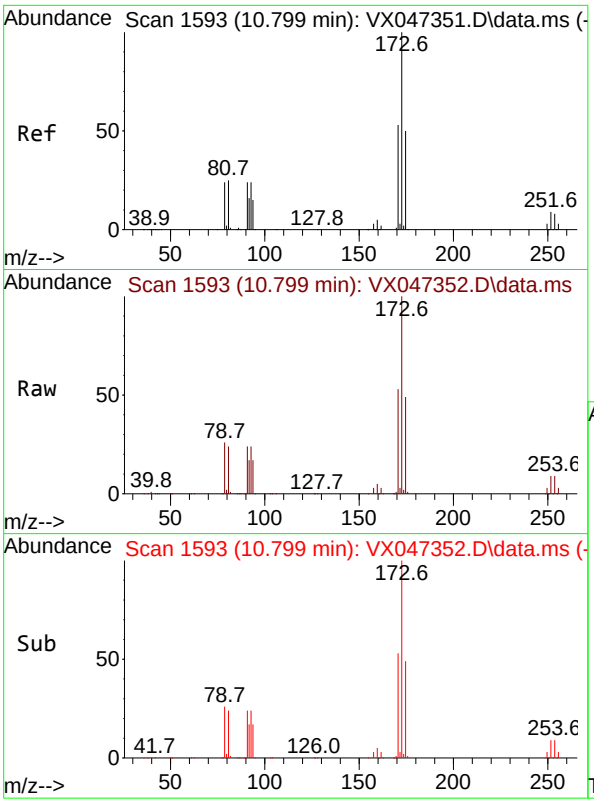


#70
Styrene
Concen: 102.509 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion:104 Resp: 878271

Ion	Ratio	Lower	Upper
104	100		
78	52.5	41.8	62.8
103	54.2	43.6	65.4



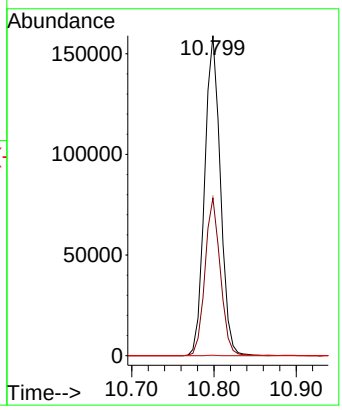


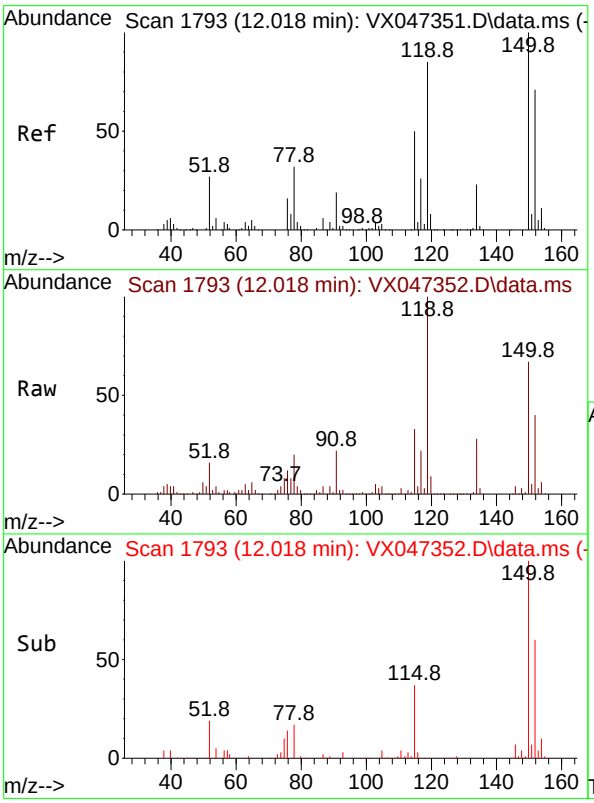
#71
Bromoform
Concen: 101.376 ug/l
RT: 10.799 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:173 Resp: 211374

Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.4	73.4
254	0.1	0.1	0.1

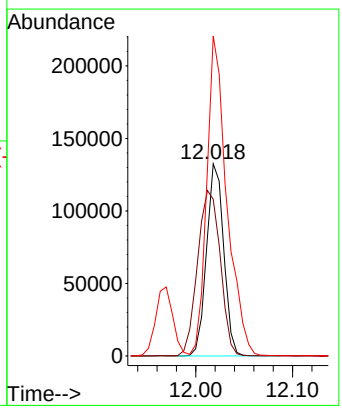


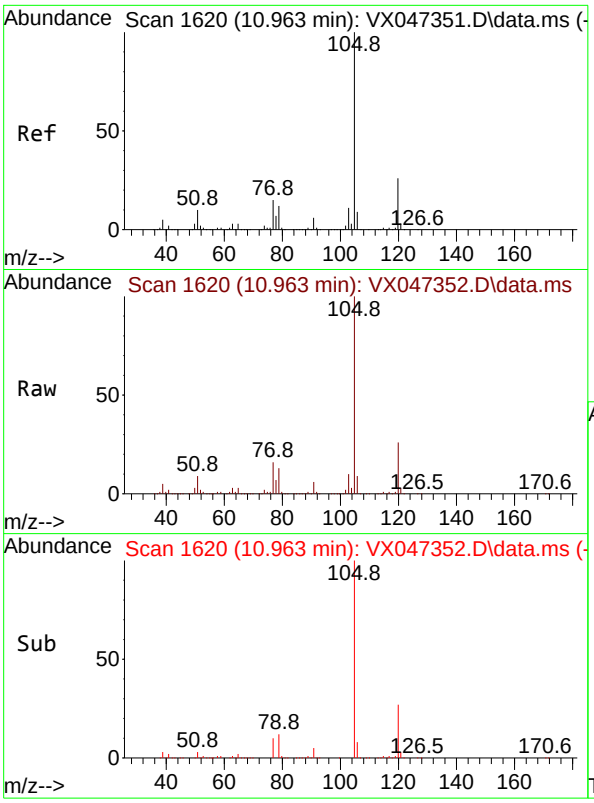


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion:152 Resp: 163776

Ion	Ratio	Lower	Upper
152	100		
115	113.9	44.6	133.8
150	194.8	0.0	349.8



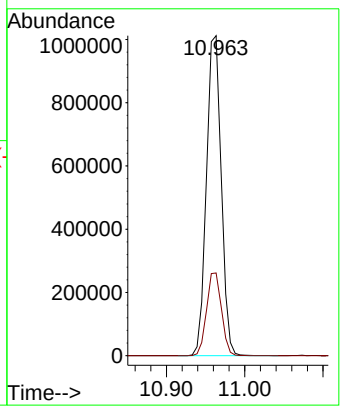


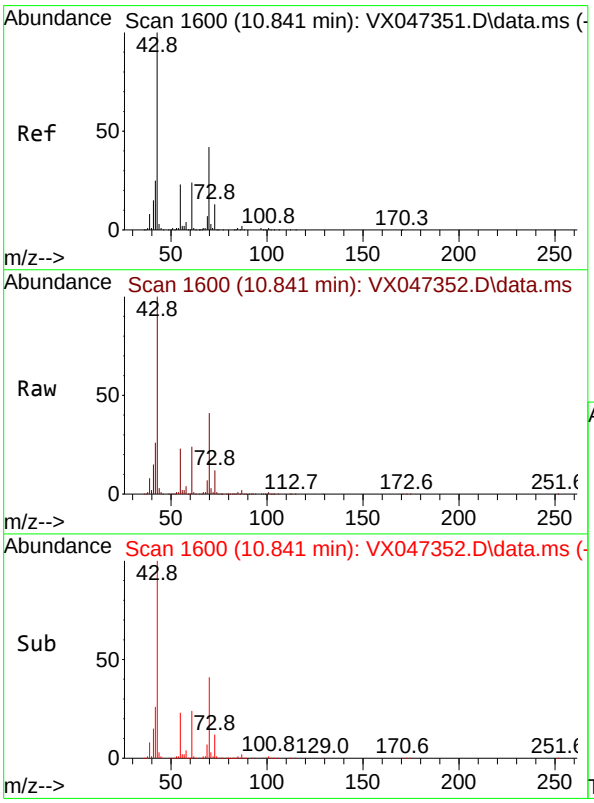
#73
Isopropylbenzene
Concen: 103.466 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:105 Resp: 1326045

Ion	Ratio	Lower	Upper
105	100		
120	26.0	12.9	38.6

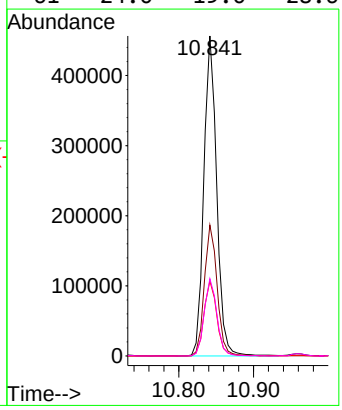


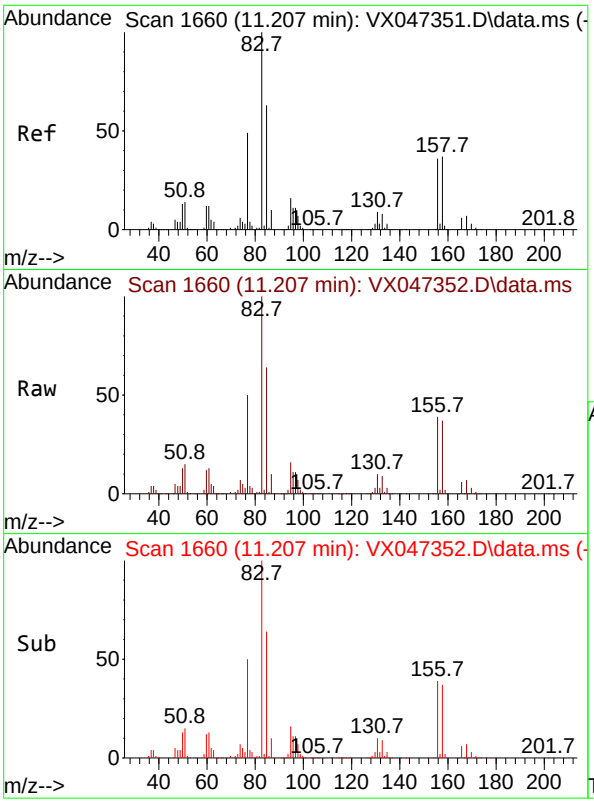


#74
N-amyl acetate
Concen: 111.573 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 43 Resp: 543008

Ion	Ratio	Lower	Upper
43	100		
70	40.9	33.1	49.7
55	23.6	19.0	28.6
61	24.0	19.0	28.6



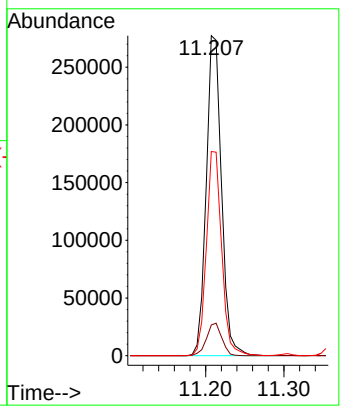


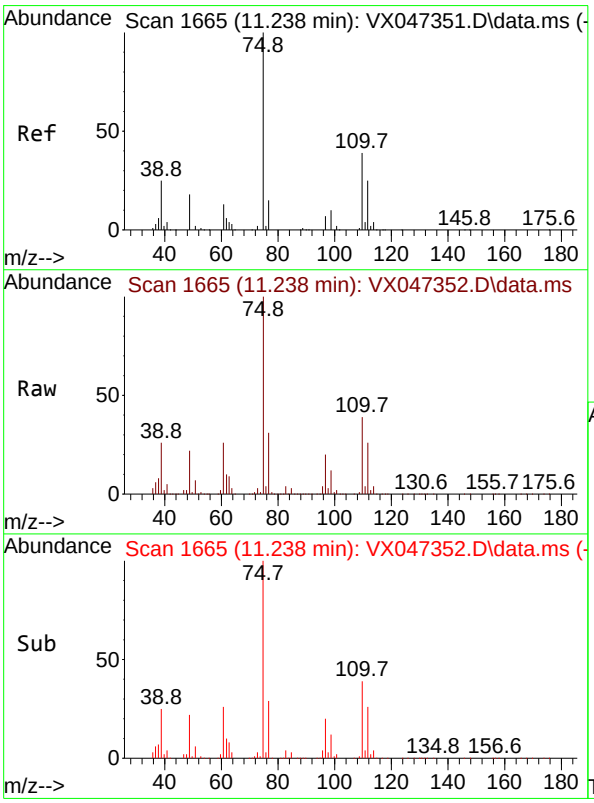
#75
1,1,2,2-Tetrachloroethane
Concen: 99.448 ug/l
RT: 11.207 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 374215

Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.0	15.0
85	63.9	31.7	95.1

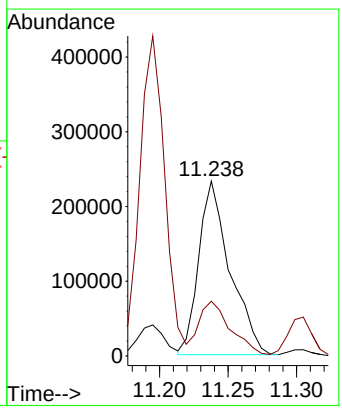


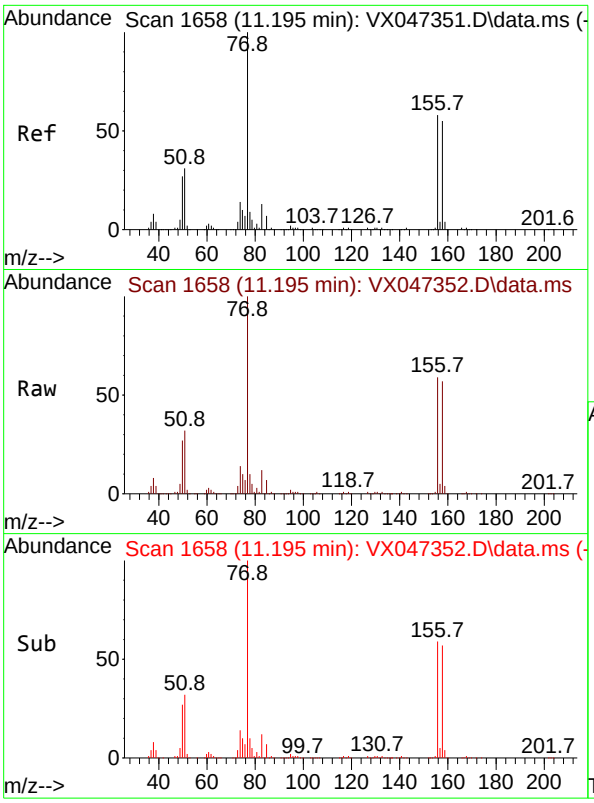


#76
1,2,3-Trichloropropane
Concen: 122.967 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 75 Resp: 369374

Ion	Ratio	Lower	Upper
75	100		
77	32.4	19.4	58.2



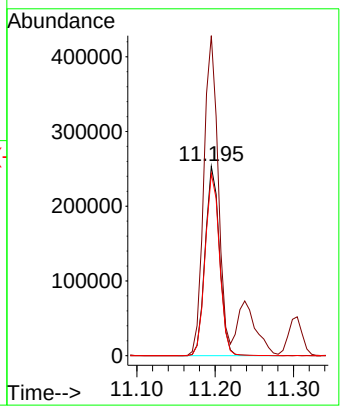


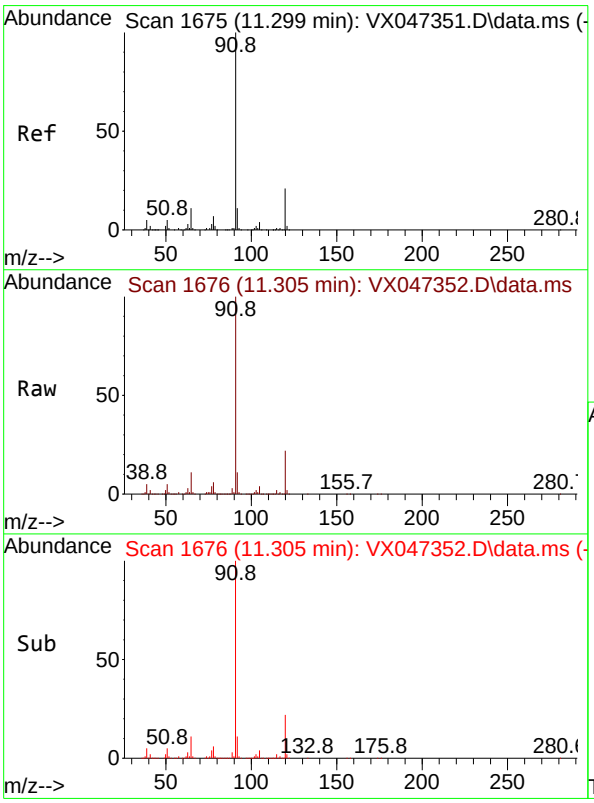
#77
Bromobenzene
Concen: 102.397 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:156 Resp: 320460

Ion	Ratio	Lower	Upper
156	100		
77	170.5	86.3	258.9
158	96.6	48.0	144.2

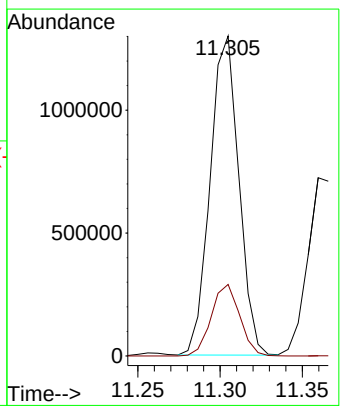


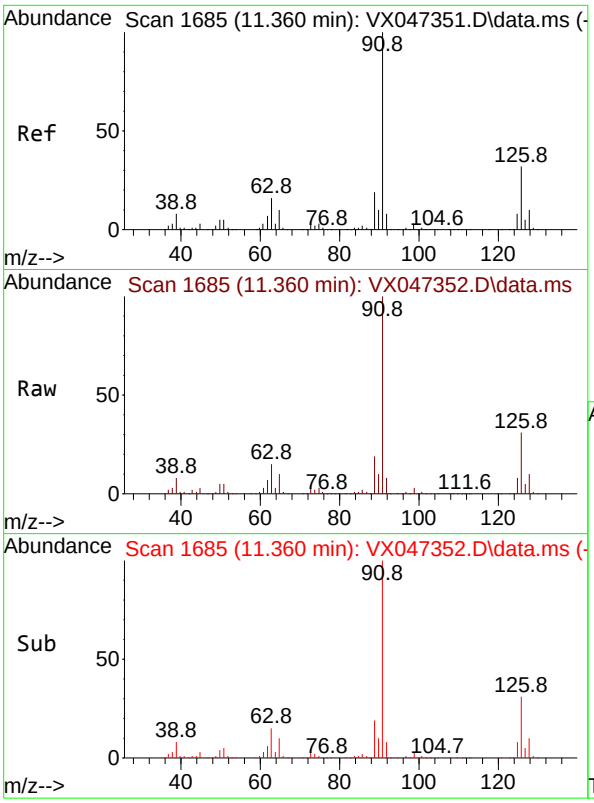


#78
n-propylbenzene
Concen: 103.081 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 91 Resp: 1577819

Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.0	33.0



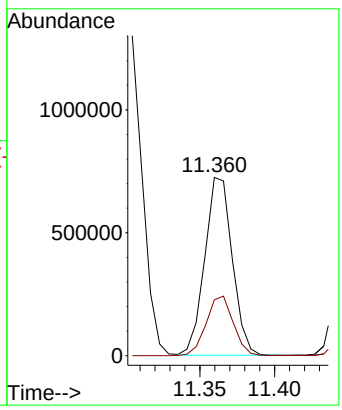


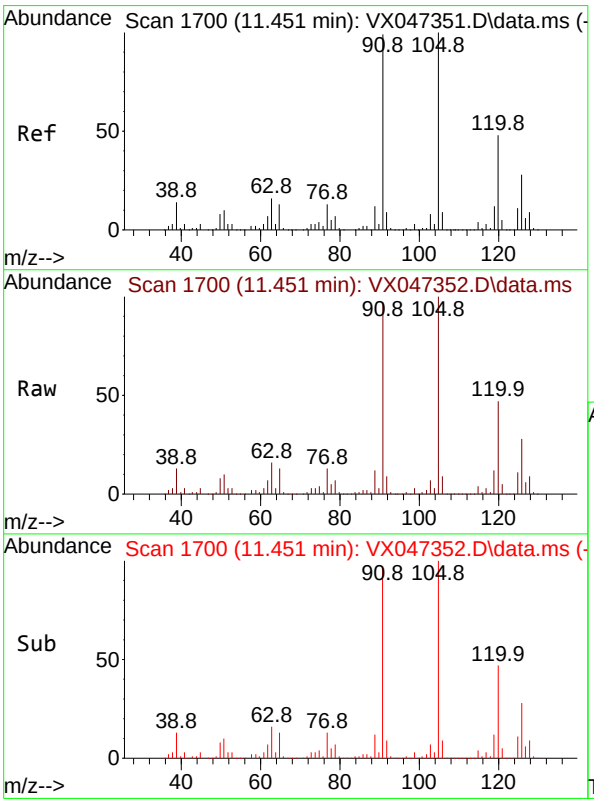
#79
2-Chlorotoluene
Concen: 100.105 ug/l
RT: 11.360 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 926261

Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.7	50.1

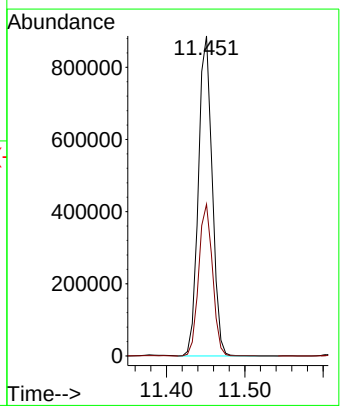


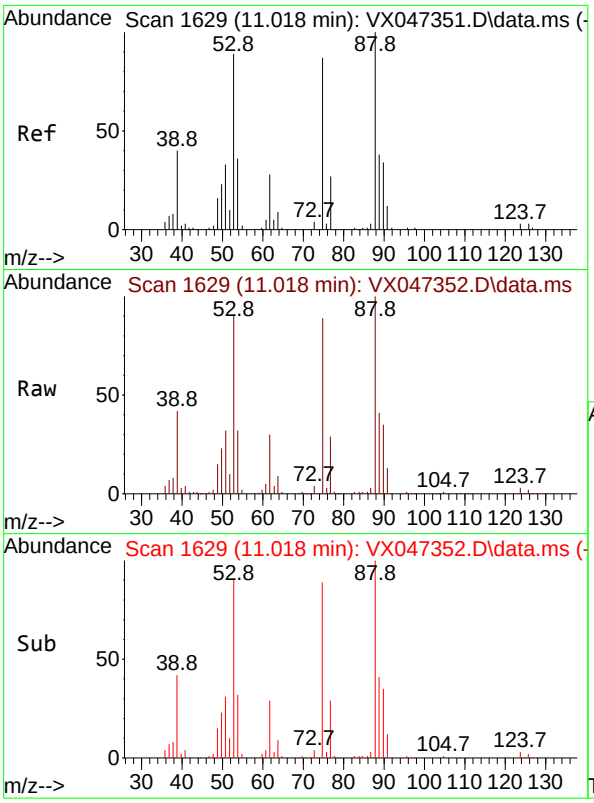


#80
1,3,5-Trimethylbenzene
Concen: 102.852 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion:105 Resp: 1084580

Ion	Ratio	Lower	Upper
105	100		
120	47.5	23.9	71.7



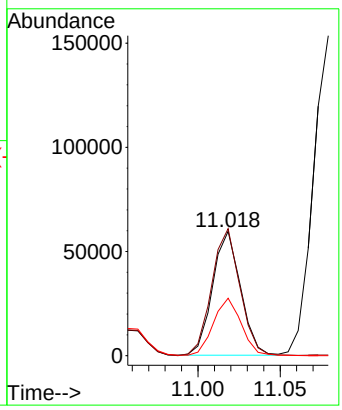


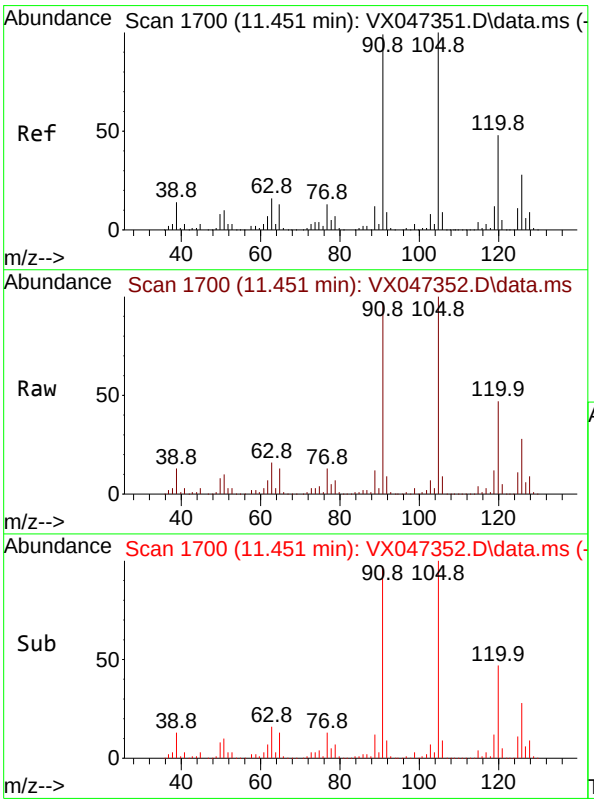
#81
trans-1,4-Dichloro-2-butene
Concen: 93.696 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 70384

Ion	Ratio	Lower	Upper
75	100		
53	103.8	85.2	127.8
89	46.5	36.7	55.1

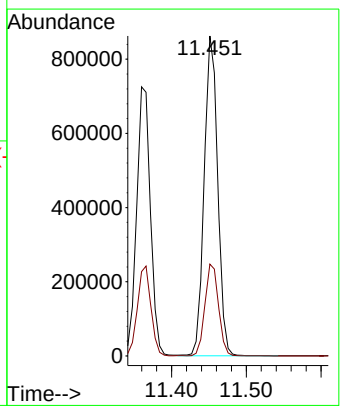


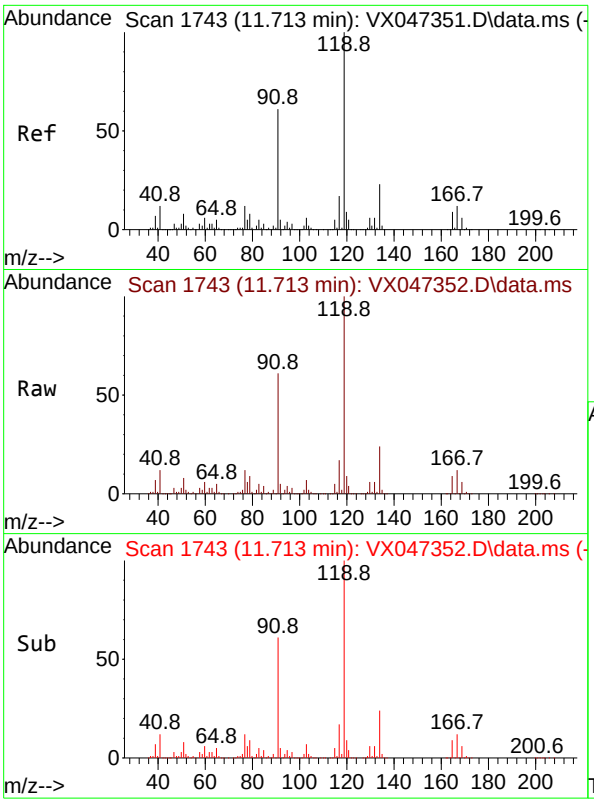


#82
4-Chlorotoluene
Concen: 99.058 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 91 Resp: 1080450

Ion	Ratio	Lower	Upper
91	100		
126	29.1	14.4	43.0



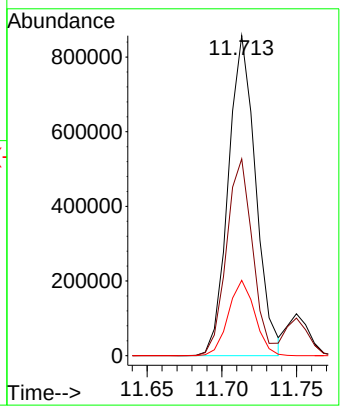


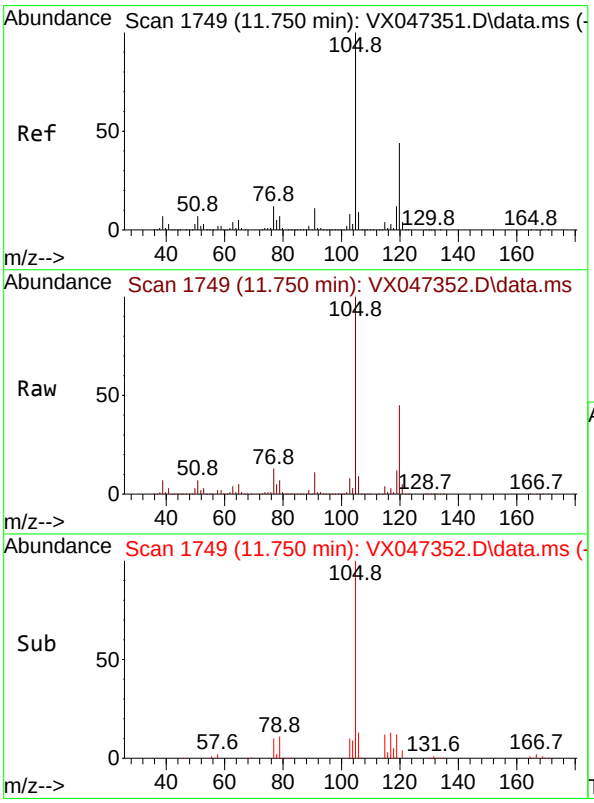
#83
tert-Butylbenzene
Concen: 103.803 ug/l
RT: 11.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:119 Resp: 1092054

Ion	Ratio	Lower	Upper
119	100		
91	59.5	29.1	87.4
134	22.8	11.3	33.9

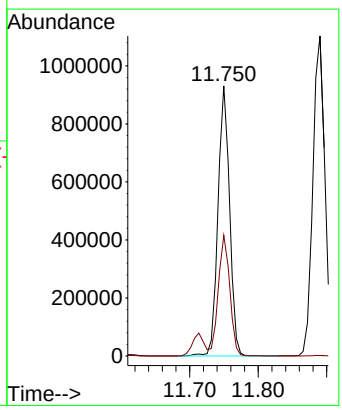


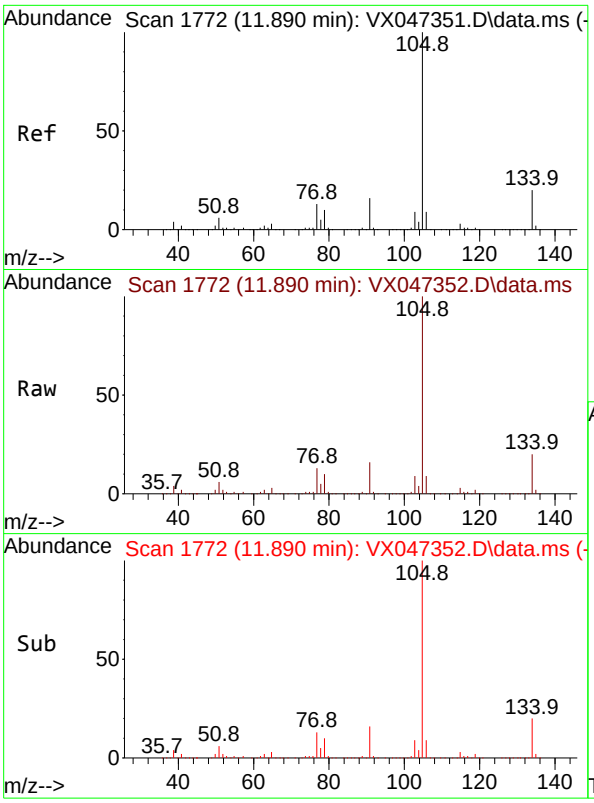


#84
1,2,4-Trimethylbenzene
Concen: 103.064 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion:105 Resp: 1086843

Ion	Ratio	Lower	Upper
105	100		
120	44.4	21.9	65.7



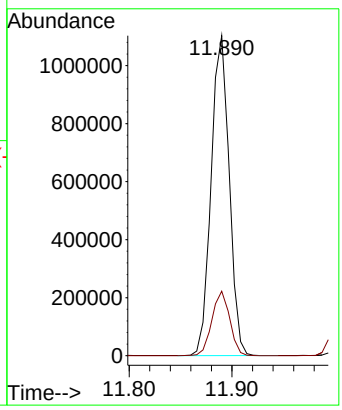


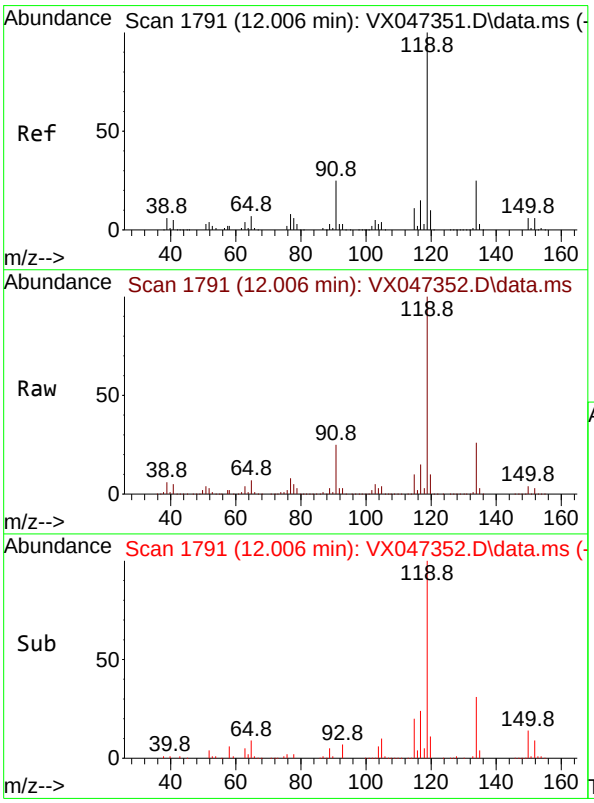
#85
sec-Butylbenzene
Concen: 103.010 ug/l
RT: 11.890 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:105 Resp: 1343222

Ion	Ratio	Lower	Upper
105	100		
134	19.9	9.8	29.5

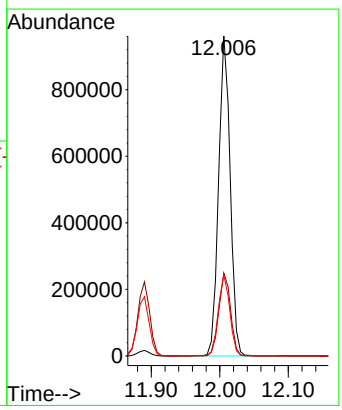


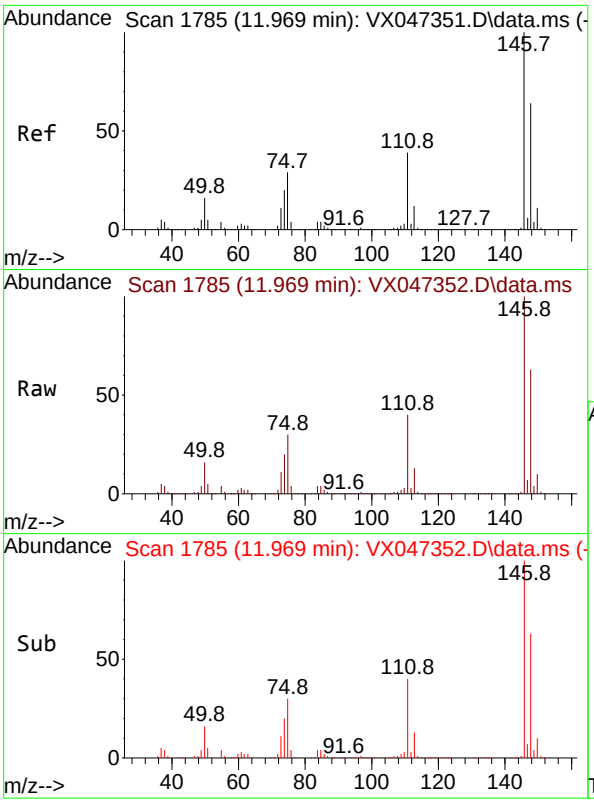


#86
p-Isopropyltoluene
Concen: 101.405 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion:119 Resp: 1118938

Ion	Ratio	Lower	Upper
119	100		
134	26.1	12.8	38.4
91	25.2	12.4	37.4



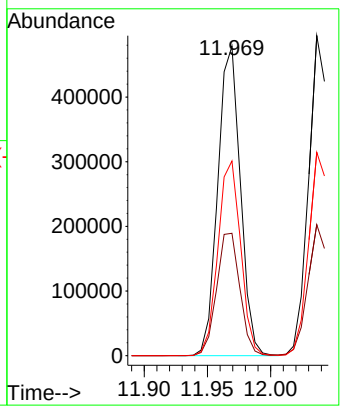


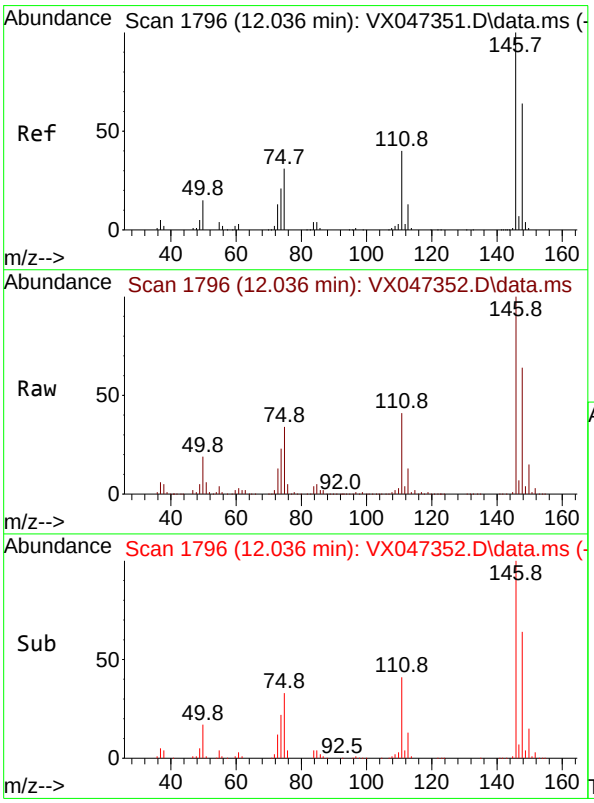
#87
1,3-Dichlorobenzene
Concen: 99.223 ug/l
RT: 11.969 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 593233

Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.6	61.8
148	63.4	31.9	95.5

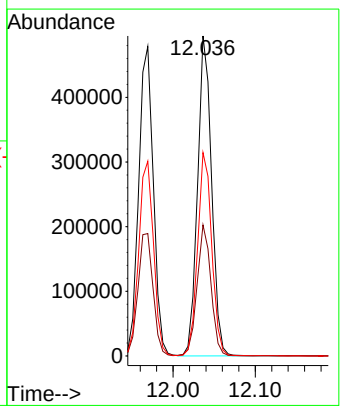


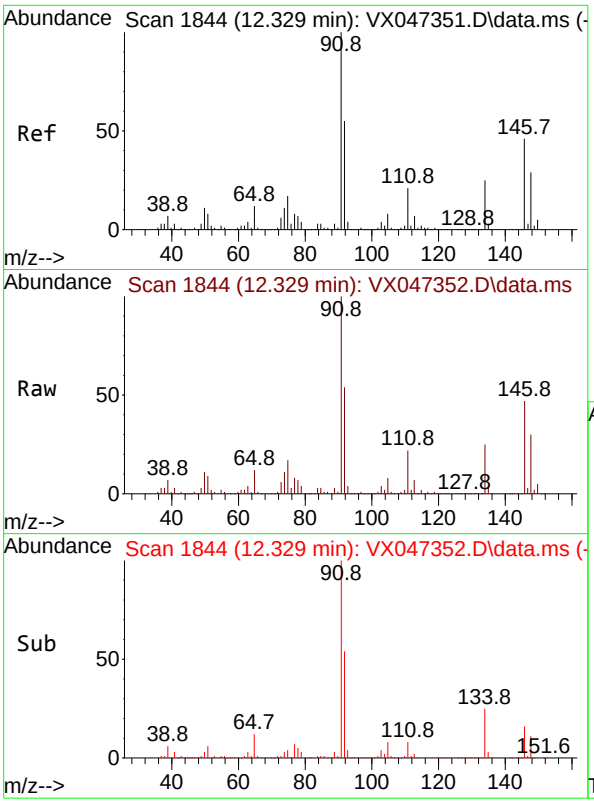


#88
1,4-Dichlorobenzene
Concen: 95.231 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion:146 Resp: 585597

Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.4	61.2
148	64.2	31.7	95.1



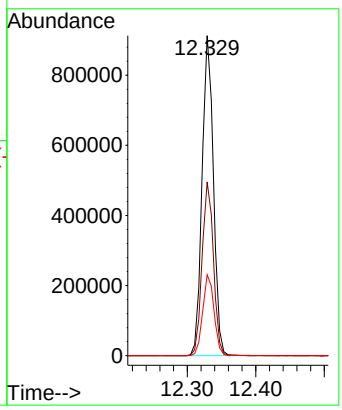


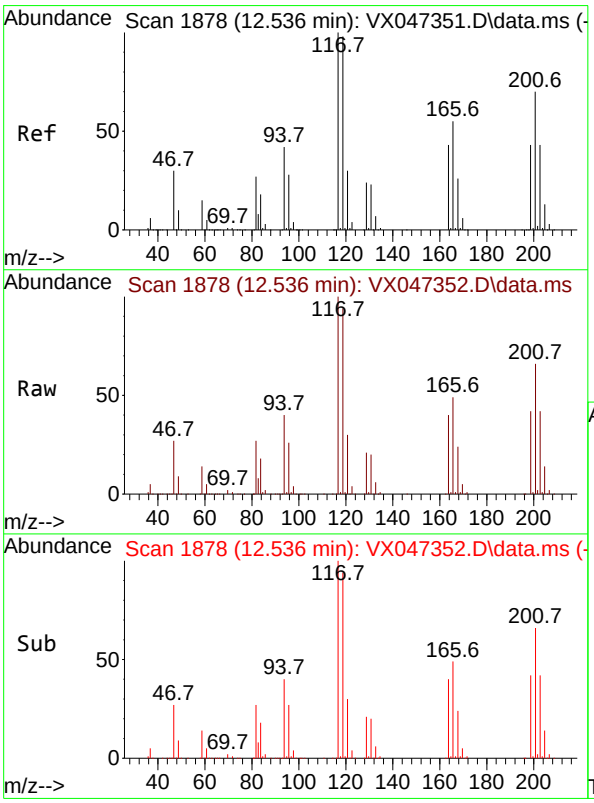
#89
n-Butylbenzene
Concen: 102.394 ug/l
RT: 12.329 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 1050897

Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.2	81.5
134	25.4	12.6	37.8

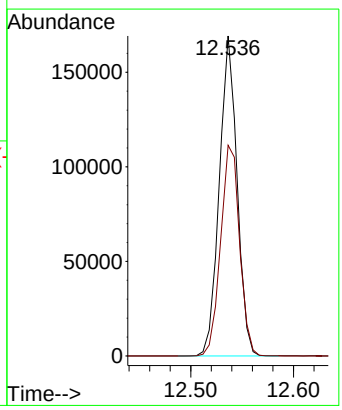


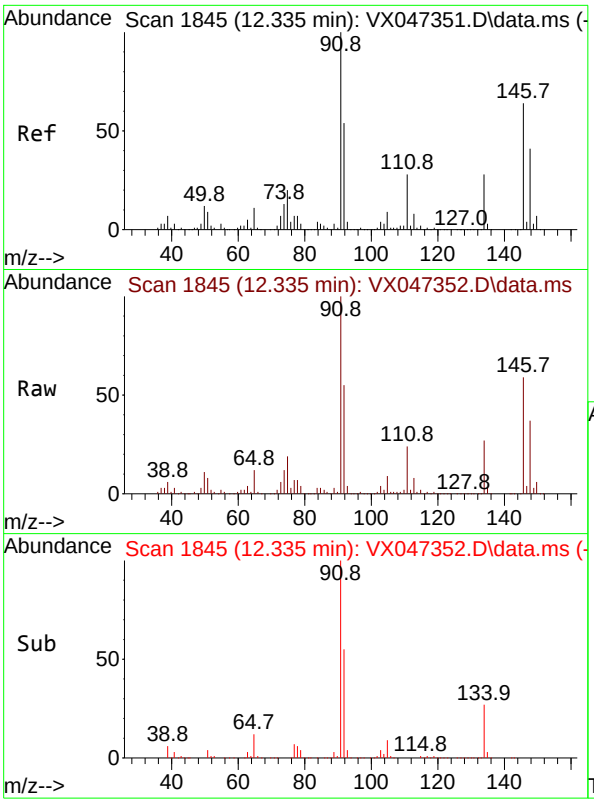


#90
Hexachloroethane
Concen: 104.570 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion:117 Resp: 202423

Ion	Ratio	Lower	Upper
117	100		
201	70.5	35.1	105.3



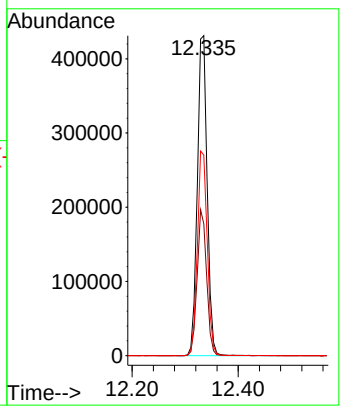


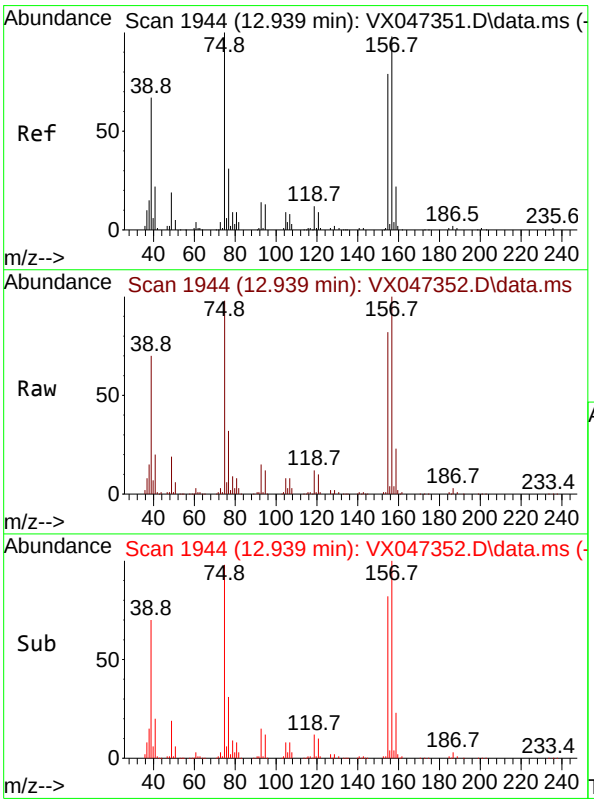
#91
1,2-Dichlorobenzene
Concen: 98.430 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 558580

Ion	Ratio	Lower	Upper
146	100		
111	43.7	22.1	66.1
148	64.1	31.9	95.5

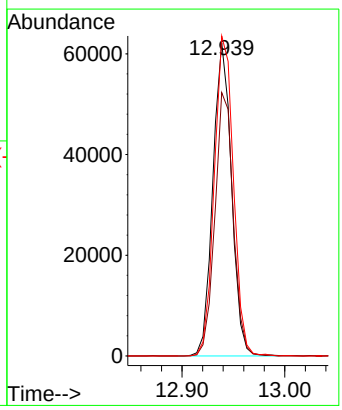


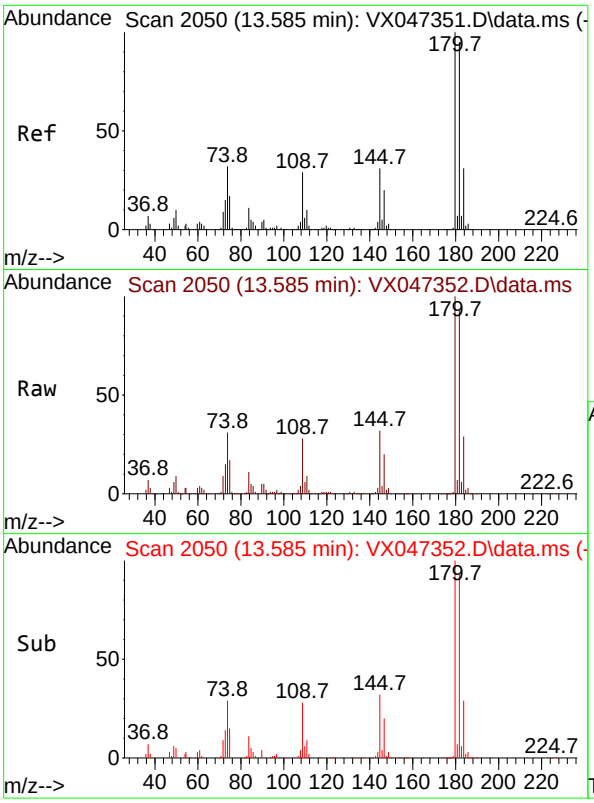


#92
1,2-Dibromo-3-Chloropropane
Concen: 107.101 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 75 Resp: 77939

Ion	Ratio	Lower	Upper
75	100		
155	83.5	41.3	123.7
157	105.3	51.5	154.5



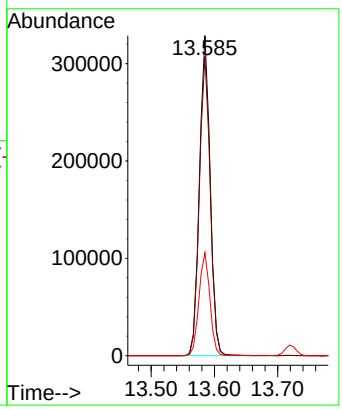


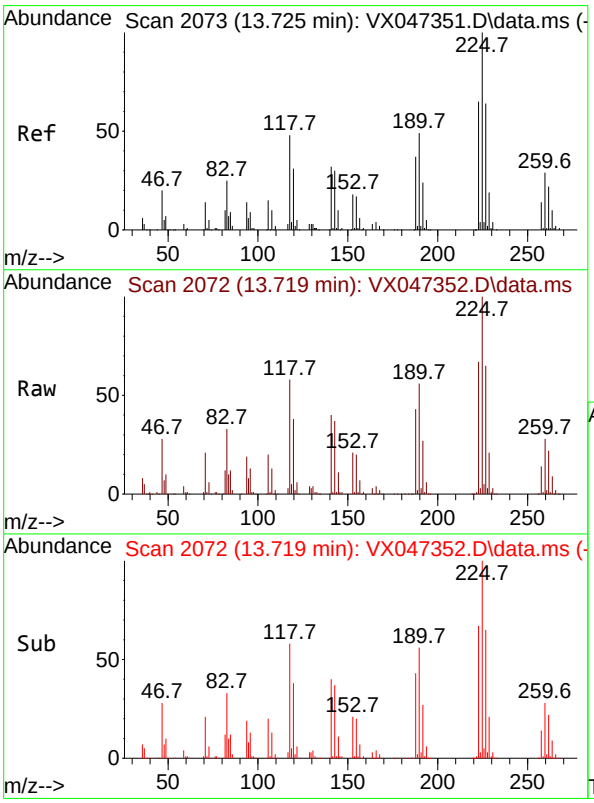
#93
1,2,4-Trichlorobenzene
Concen: 102.504 ug/l
RT: 13.585 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:180 Resp: 389962

Ion	Ratio	Lower	Upper
180	100		
182	94.4	48.1	144.4
145	32.7	16.2	48.5

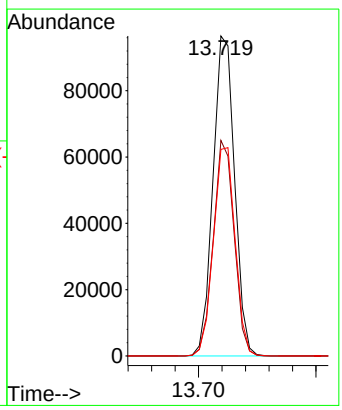


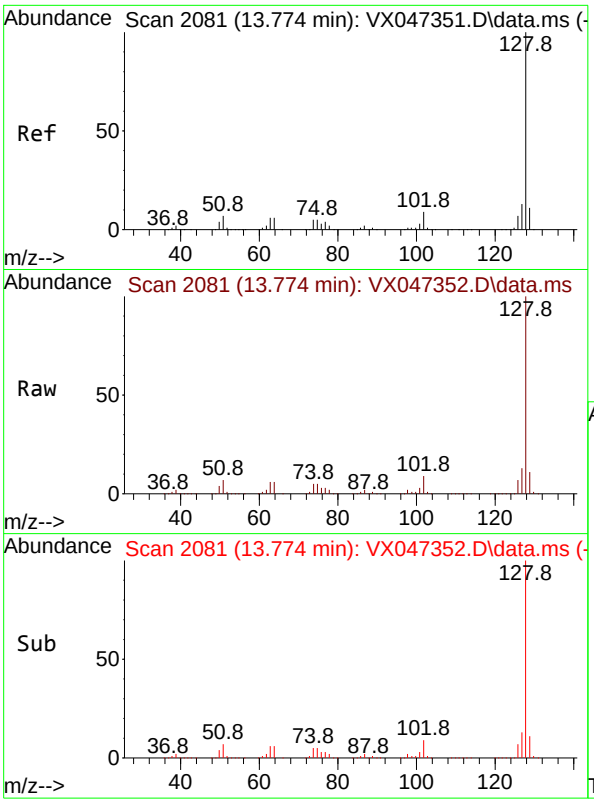


#94
Hexachlorobutadiene
Concen: 91.042 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion:225 Resp: 123286

Ion	Ratio	Lower	Upper
225	100		
223	65.1	32.2	96.6
227	65.8	31.6	95.0



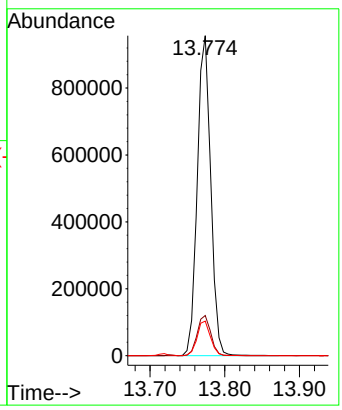


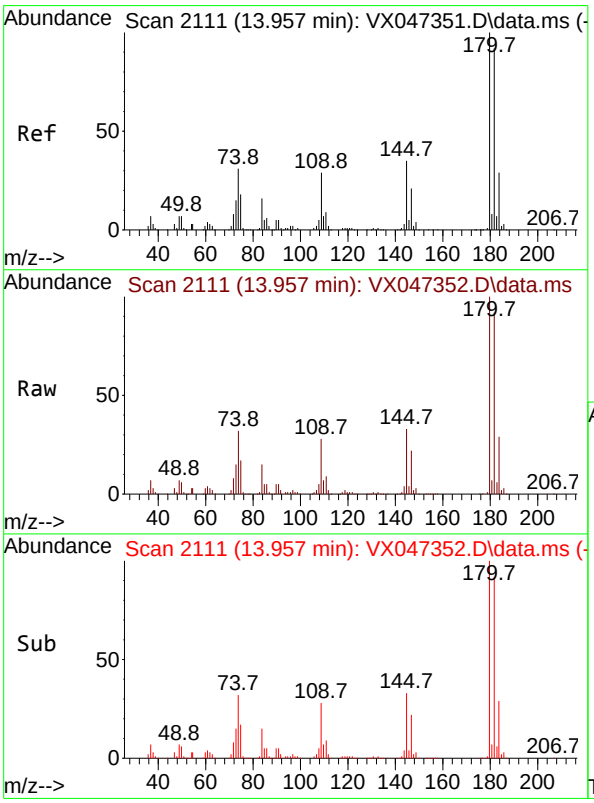
#95
Naphthalene
Concen: 109.632 ug/l
RT: 13.774 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 1191910

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.1	15.1
129	10.8	8.7	13.1

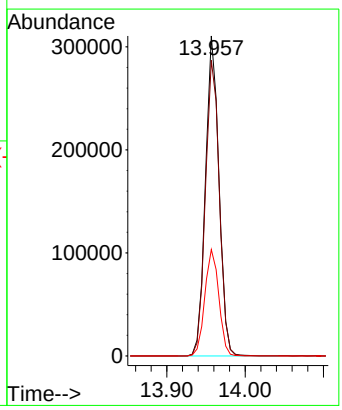




#96
1,2,3-Trichlorobenzene
Concen: 103.395 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion:180 Resp: 370778

Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.0	144.2
145	34.4	17.4	52.2



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047353.D
Acq On : 15 Aug 2025 11:05
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: Aug 18 02:55:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 02:51:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	218039	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	378315	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	330090	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	153878	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	498398	163.328	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 326.660%#			
35) Dibromofluoromethane	5.397	113	396260	161.390	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 322.780%#			
50) Toluene-d8	8.653	98	1397755	159.272	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 318.540%#			
62) 4-Bromofluorobenzene	11.079	95	508844	157.125	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 314.240%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	445045	160.118	ug/l	98
3) Chloromethane	1.313	50	388526	155.385	ug/l	97
4) Vinyl Chloride	1.392	62	494933	157.702	ug/l	97
5) Bromomethane	1.618	94	170864	134.788	ug/l	100
6) Chloroethane	1.703	64	276042	143.758	ug/l	97
7) Trichlorofluoromethane	1.904	101	699331	150.647	ug/l	98
8) Diethyl Ether	2.148	74	251983	154.158	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.349	101	416485	154.664	ug/l	99
10) Methyl Iodide	2.471	142	794834	172.239	ug/l	98
11) Tert butyl alcohol	2.977	59	206679	778.553	ug/l	100
12) 1,1-Dichloroethene	2.337	96	425622	155.037	ug/l	99
13) Acrolein	2.252	56	429798	766.968	ug/l	100
14) Allyl chloride	2.678	41	735481	154.247	ug/l	99
15) Acrylonitrile	3.087	53	991254	772.742	ug/l	100
16) Acetone	2.392	43	784600	684.039	ug/l	99
17) Carbon Disulfide	2.532	76	1212975	146.420	ug/l	100
18) Methyl Acetate	2.715	43	476497	160.309	ug/l	99
19) Methyl tert-butyl Ether	3.130	73	1317168	157.713	ug/l	100
20) Methylene Chloride	2.806	84	447216	147.242	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	434634	149.166	ug/l	98
22) Diisopropyl ether	3.776	45	1429793	151.699	ug/l	99
23) Vinyl Acetate	3.733	43	6020474	779.316	ug/l	100
24) 1,1-Dichloroethane	3.623	63	809793	152.005	ug/l	99
25) 2-Butanone	4.568	43	1122803	747.433	ug/l	98
26) 2,2-Dichloropropane	4.495	77	627662	156.100	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	509580	150.154	ug/l	99
28) Bromochloromethane	4.916	49	343257	154.839	ug/l	100
29) Tetrahydrofuran	5.019	42	717541	739.017	ug/l	97
30) Chloroform	5.105	83	812939	149.521	ug/l	99
31) Cyclohexane	5.483	56	727704	148.180	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	723635	154.630	ug/l	99
36) 1,1-Dichloropropene	5.702	75	570157	147.104	ug/l	99
37) Ethyl Acetate	4.727	43	593362	147.465	ug/l	97
38) Carbon Tetrachloride	5.690	117	628733	148.444	ug/l	98
39) Methylcyclohexane	7.385	83	729123	150.814	ug/l	97
40) Benzene	6.050	78	1706889	147.130	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047353.D
Acq On : 15 Aug 2025 11:05
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: Aug 18 02:55:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 02:51:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.940	41	262323	154.600	ug/l		98
42) 1,2-Dichloroethane	6.098	62	599255	145.829	ug/l		100
43) Isopropyl Acetate	6.348	43	910348	157.486	ug/l		100
44) Trichloroethene	7.129	130	443361	149.252	ug/l		98
45) 1,2-Dichloropropane	7.434	63	433512	149.161	ug/l		99
46) Dibromomethane	7.586	93	312886	148.288	ug/l		99
47) Bromodichloromethane	7.824	83	650767	148.773	ug/l		99
48) Methyl methacrylate	7.696	41	473316	157.749	ug/l		99
49) 1,4-Dioxane	7.677	88	88481	3105.263	ug/l		97
51) 4-Methyl-2-Pentanone	8.580	43	2521407	757.992	ug/l		100
52) Toluene	8.720	92	1052008	146.750	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	624499	163.583	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	682860	158.029	ug/l		100
55) 1,1,2-Trichloroethane	9.153	97	394302	144.868	ug/l		97
56) Ethyl methacrylate	9.116	69	646154	161.020	ug/l		99
57) 1,3-Dichloropropane	9.311	76	672087	144.911	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.244	63	1468000	748.853	ug/l		99
59) 2-Hexanone	9.433	43	1737616	755.168	ug/l		100
60) Dibromochloromethane	9.525	129	476650	147.358	ug/l		99
61) 1,2-Dibromoethane	9.610	107	410057	146.099	ug/l		99
64) Tetrachloroethene	9.275	164	356989	149.518	ug/l		99
65) Chlorobenzene	10.079	112	1163848	148.370	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.165	131	405123	152.780	ug/l		100
67) Ethyl Benzene	10.195	91	2036272	150.823	ug/l		99
68) m/p-Xylenes	10.299	106	1502542	298.466	ug/l		99
69) o-Xylene	10.640	106	725154	149.683	ug/l		100
70) Styrene	10.653	104	1253652	153.150	ug/l		99
71) Bromoform	10.799	173	309626	155.427	ug/l	#	99
73) Isopropylbenzene	10.963	105	1883521	156.417	ug/l		99
74) N-amyl acetate	10.842	43	790124	172.791	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	531651	150.375	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	535507	189.742	ug/l		90
77) Bromobenzene	11.195	156	451000	153.378	ug/l		99
78) n-propylbenzene	11.305	91	2235938	155.473	ug/l		99
79) 2-Chlorotoluene	11.366	91	1306418	150.272	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	1536791	155.110	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	113338	154.967	ug/l		97
82) 4-Chlorotoluene	11.451	91	1541070	150.376	ug/l		100
83) tert-Butylbenzene	11.713	119	1542621	156.062	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	1535261	154.952	ug/l		99
85) sec-Butylbenzene	11.890	105	1912224	156.078	ug/l		100
86) p-Isopropyltoluene	12.006	119	1601345	154.459	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	841394	149.783	ug/l		100
88) 1,4-Dichlorobenzene	12.036	146	837395	144.939	ug/l		100
89) n-Butylbenzene	12.329	91	1489473	154.462	ug/l		100
90) Hexachloroethane	12.536	117	303295	166.757	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	798192	149.701	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	115101	168.342	ug/l		97
93) 1,2,4-Trichlorobenzene	13.585	180	555658	155.453	ug/l		100
94) Hexachlorobutadiene	13.725	225	176870	139.013	ug/l		98
95) Naphthalene	13.774	128	1715681	167.959	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	535287	158.872	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047353.D
Acq On : 15 Aug 2025 11:05
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: Aug 18 02:55:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 02:51:35 2025
Response via : Initial Calibration

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

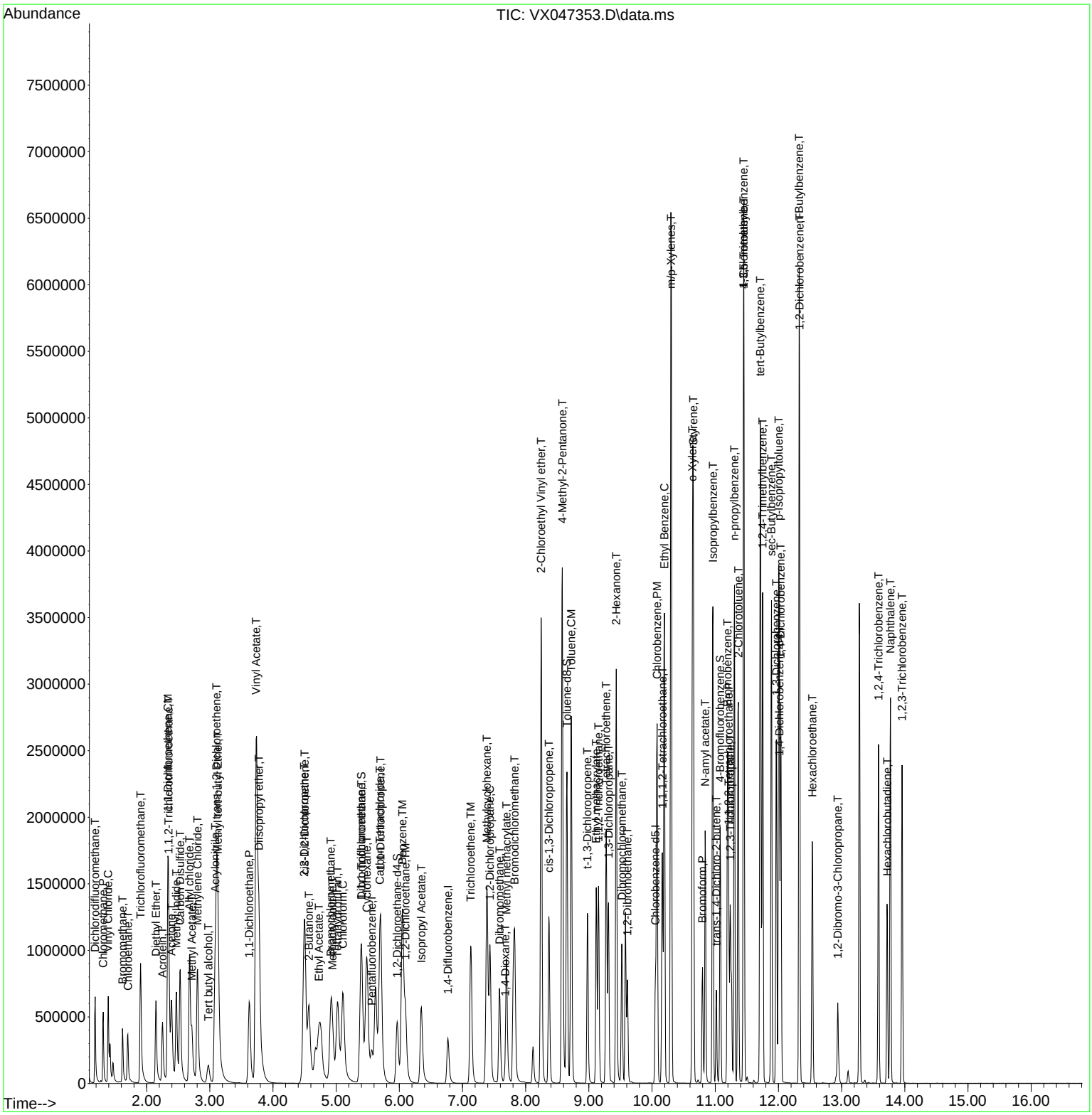
(#) = qualifier out of range (m) = manual integration (+) = signals summed

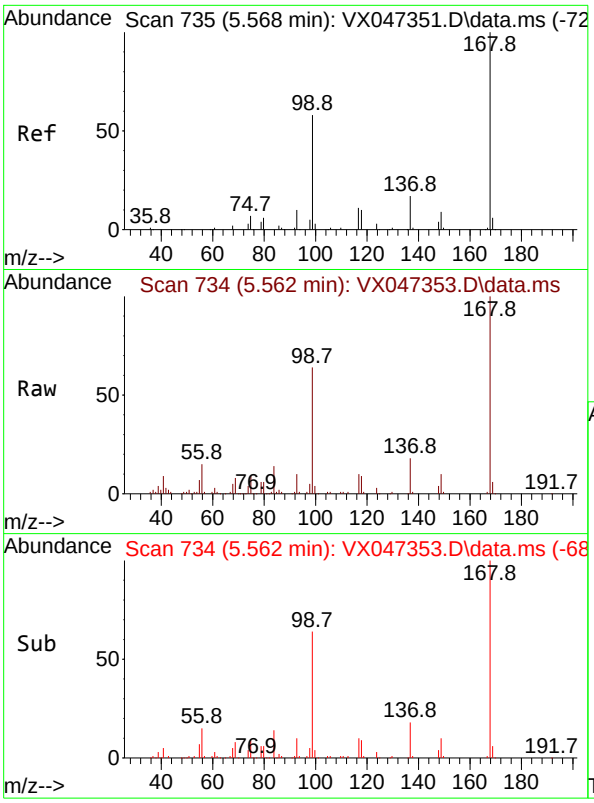
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047353.D
Acq On : 15 Aug 2025 11:05
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: Aug 18 02:55:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 02:51:35 2025
Response via : Initial Calibration



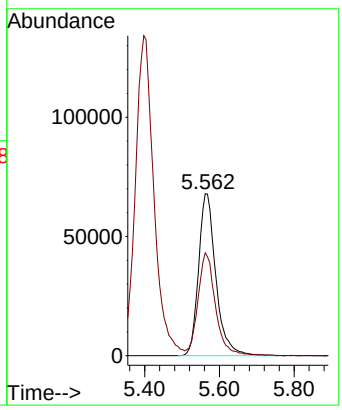


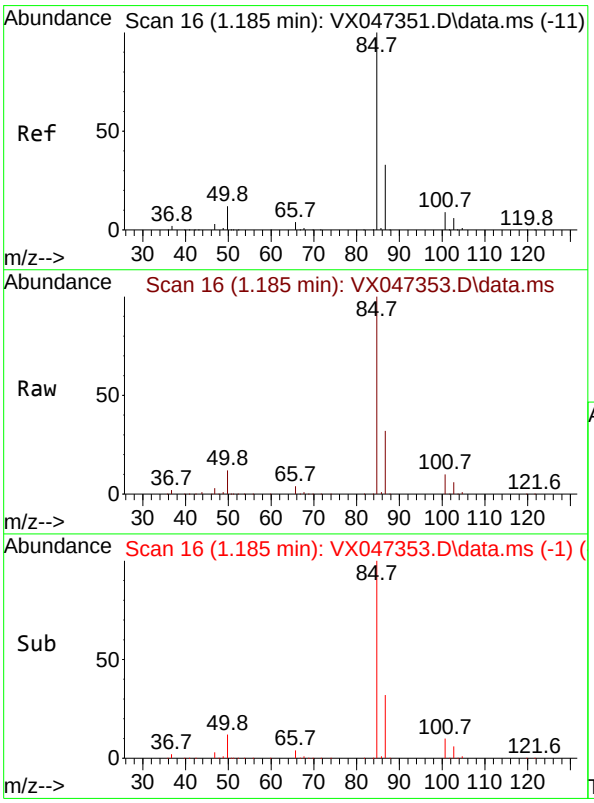
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:168 Resp: 218039

Ion	Ratio	Lower	Upper
168	100		
99	63.3	47.9	71.9

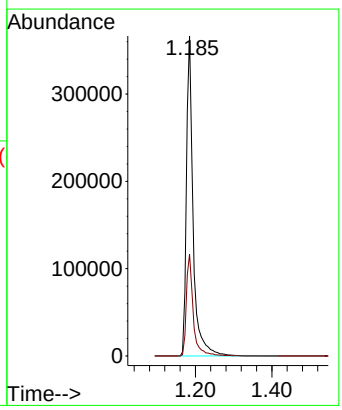


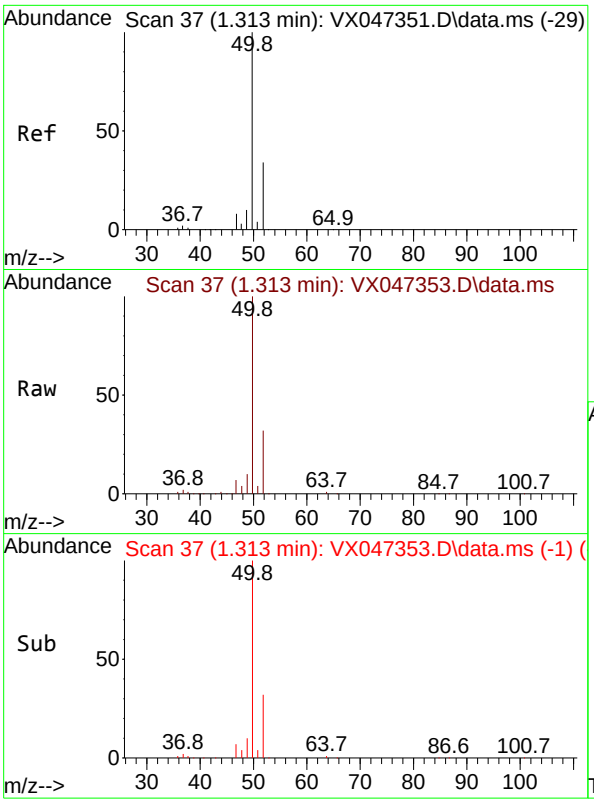


#2
Dichlorodifluoromethane
Concen: 160.118 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 85 Resp: 445045

Ion	Ratio	Lower	Upper
85	100		
87	31.8	16.4	49.1



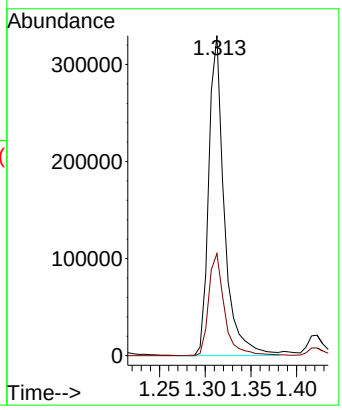


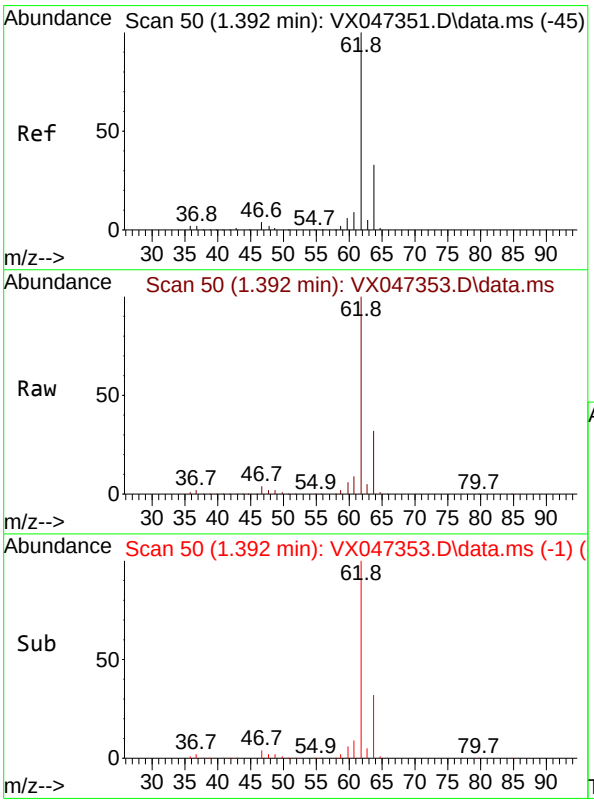
#3
Chloromethane
Concen: 155.385 ug/l
RT: 1.313 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 50 Resp: 388526

Ion	Ratio	Lower	Upper
50	100		
52	31.9	27.0	40.4

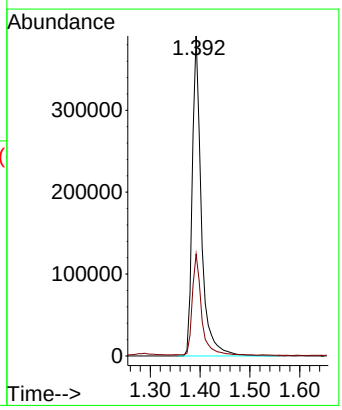


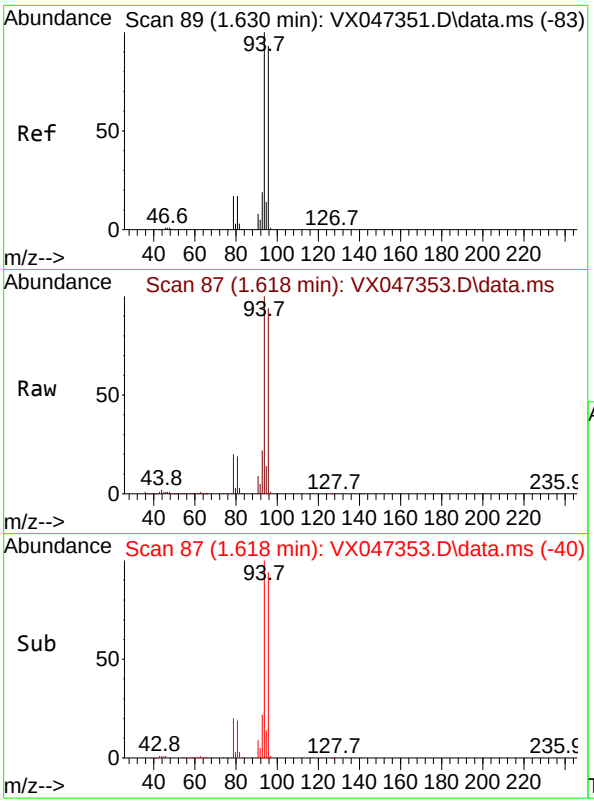


#4
Vinyl Chloride
Concen: 157.702 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 62 Resp: 494933

Ion	Ratio	Lower	Upper
62	100		
64	31.6	26.5	39.7



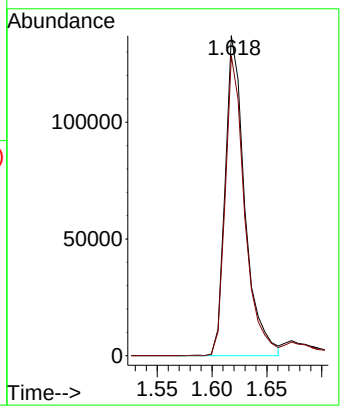


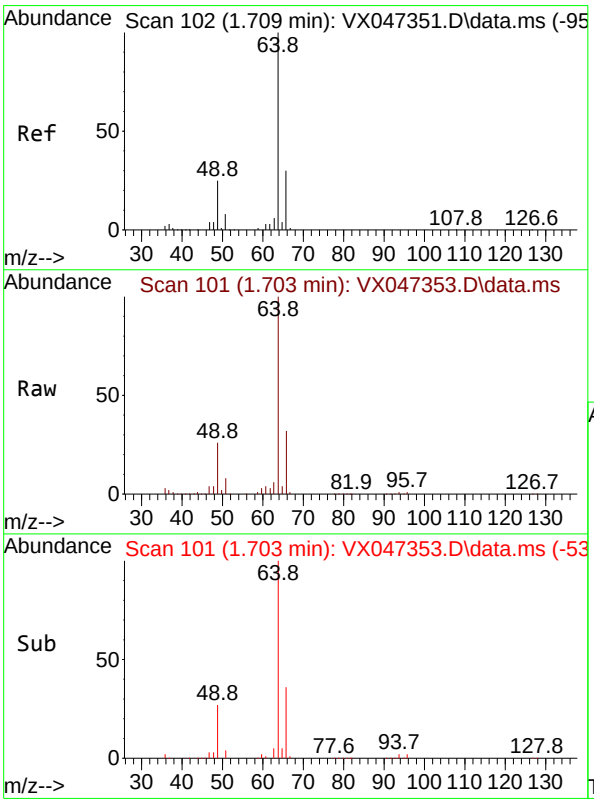
#5
Bromomethane
Concen: 134.788 ug/l
RT: 1.618 min Scan# 8
Delta R.T. -0.012 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 94 Resp: 170864

Ion	Ratio	Lower	Upper
94	100		
96	93.7	74.7	112.1

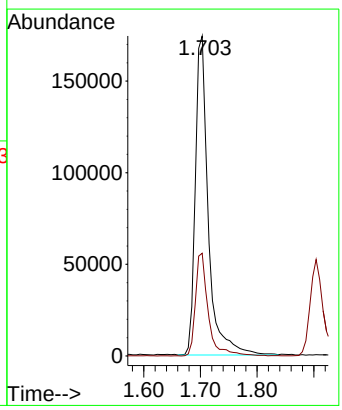


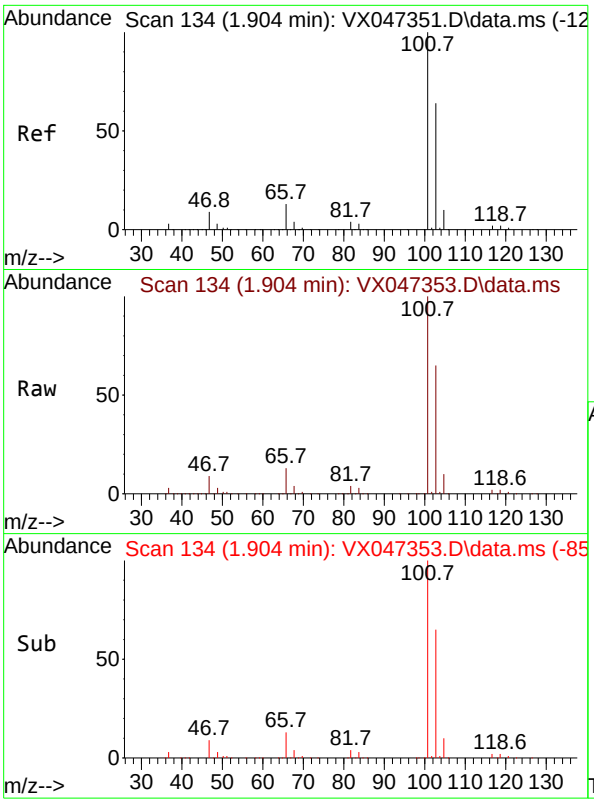


#6
Chloroethane
Concen: 143.758 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.006 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 64 Resp: 276042

Ion	Ratio	Lower	Upper
64	100		
66	32.2	24.4	36.6



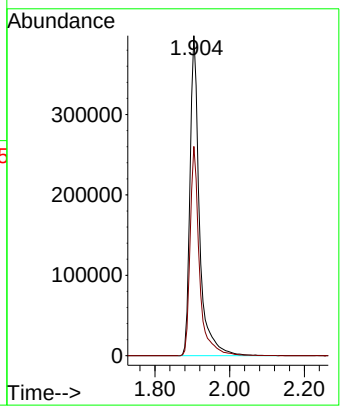


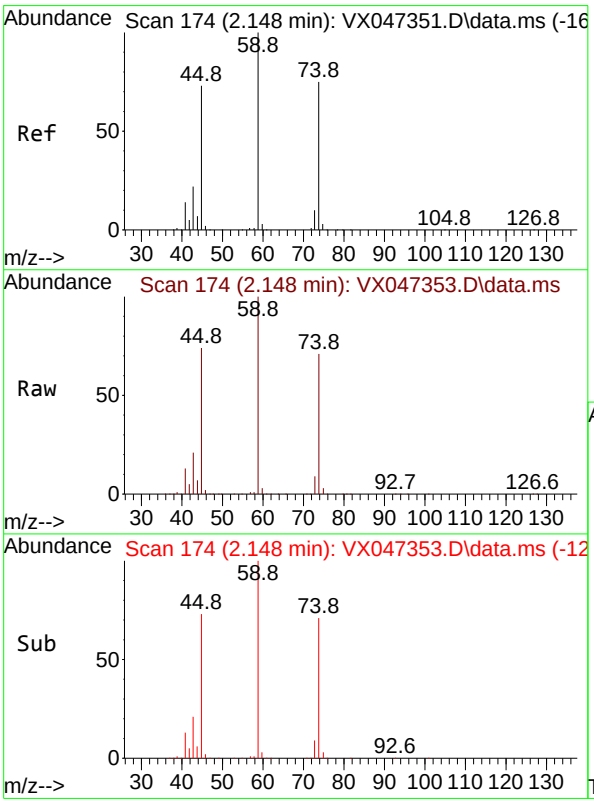
#7
Trichlorofluoromethane
Concen: 150.647 ug/l
RT: 1.904 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 699331

Ion	Ratio	Lower	Upper
101	100		
103	65.4	50.9	76.3

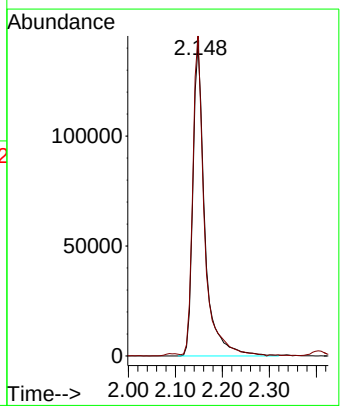


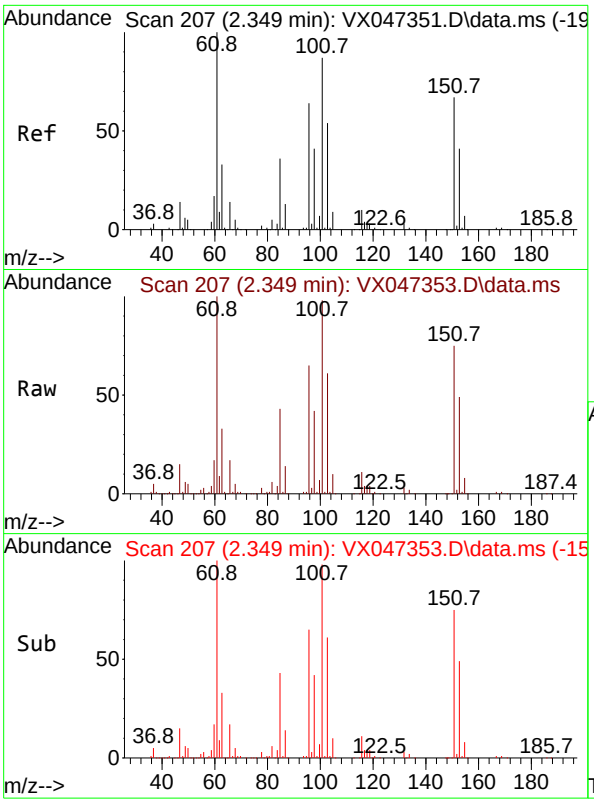


#8
Diethyl Ether
Concen: 154.158 ug/l
RT: 2.148 min Scan# 174
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 74 Resp: 251983

Ion	Ratio	Lower	Upper
74	100		
45	101.1	51.3	154.0



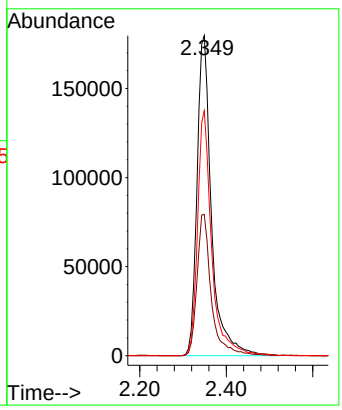


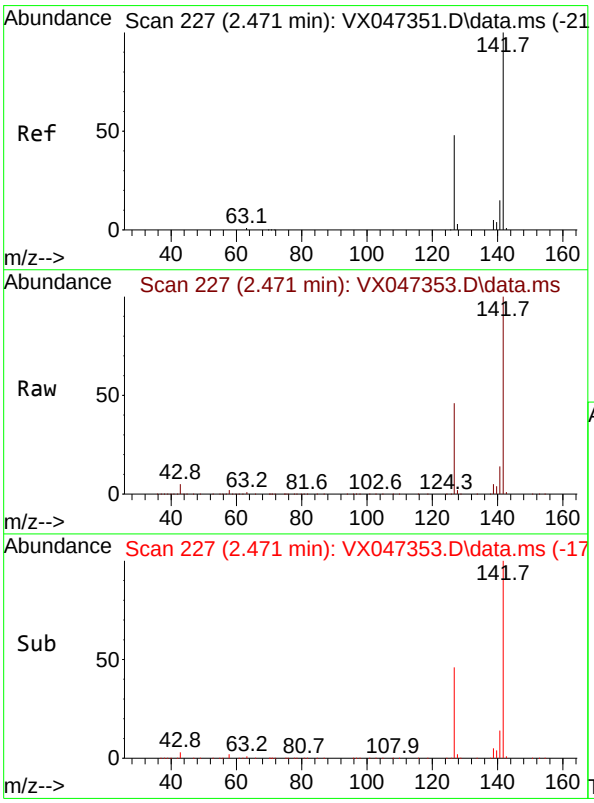
#9
1,1,2-Trichlorotrifluoroethane
Concen: 154.664 ug/l
RT: 2.349 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 416485

Ion	Ratio	Lower	Upper
101	100		
85	43.8	34.3	51.5
151	74.9	59.2	88.8

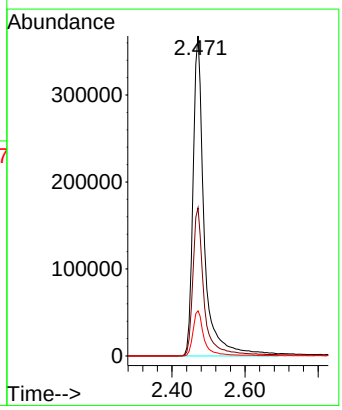


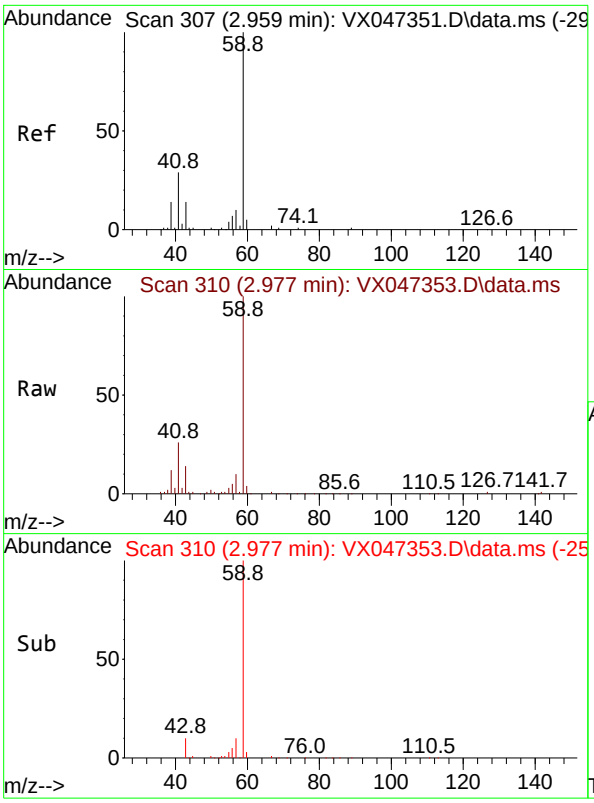


#10
Methyl Iodide
Concen: 172.239 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion:142 Resp: 794834

Ion	Ratio	Lower	Upper
142	100		
127	47.1	36.1	54.1
141	14.0	11.1	16.7



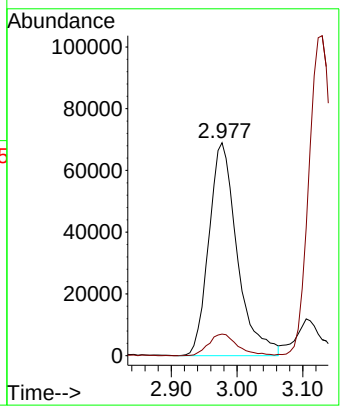


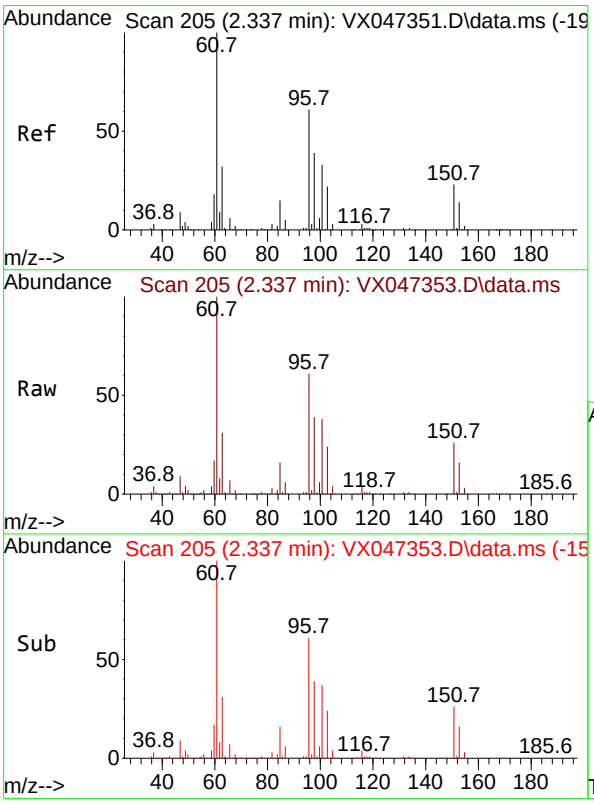
#11
Tert butyl alcohol
Concen: 778.553 ug/l
RT: 2.977 min Scan# 3
Delta R.T. 0.018 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 59 Resp: 206679

Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.3	12.5

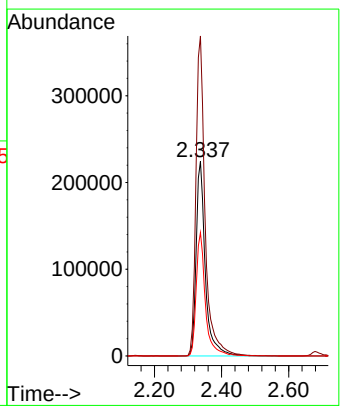


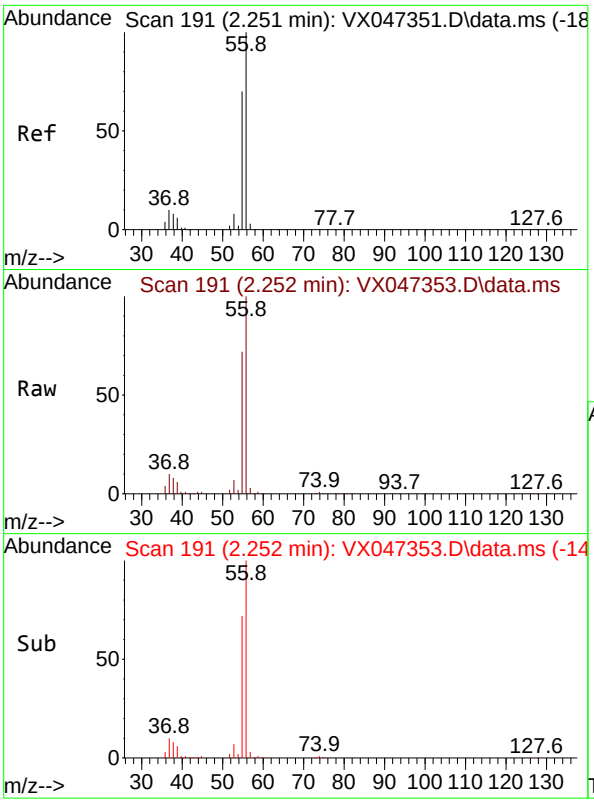


#12
1,1-Dichloroethene
Concen: 155.037 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 96 Resp: 425622

Ion	Ratio	Lower	Upper
96	100		
61	164.5	132.2	198.2
98	63.5	51.2	76.8



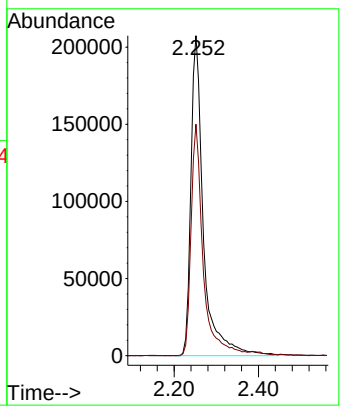


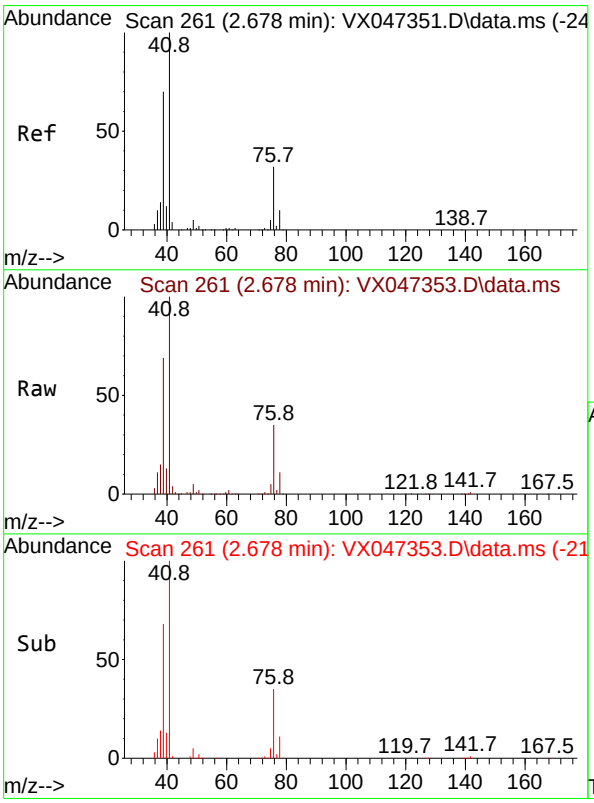
#13
Acrolein
Concen: 766.968 ug/l
RT: 2.252 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 56 Resp: 429798

Ion	Ratio	Lower	Upper
56	100		
55	69.4	55.5	83.3

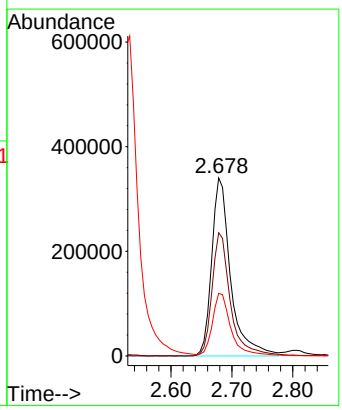


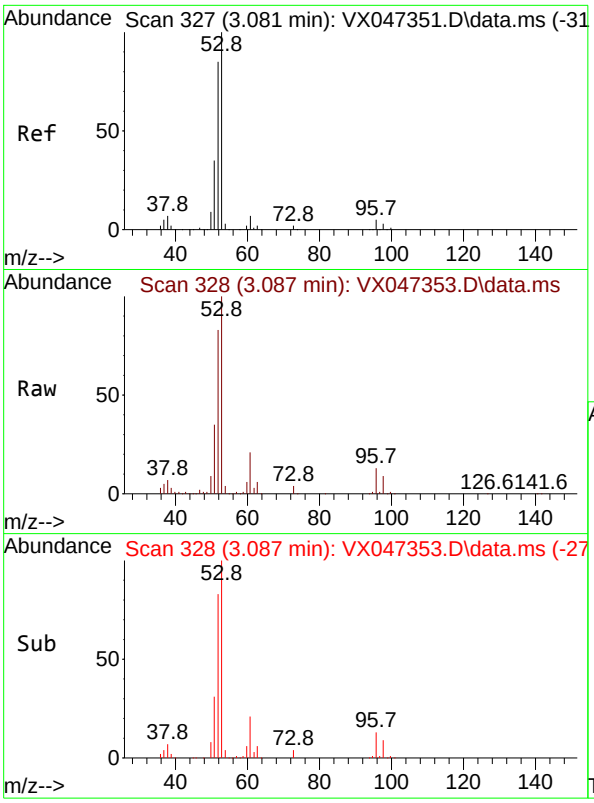


#14
Allyl chloride
Concen: 154.247 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 41 Resp: 735481

Ion	Ratio	Lower	Upper
41	100		
39	67.1	54.6	81.8
76	34.3	27.6	41.4



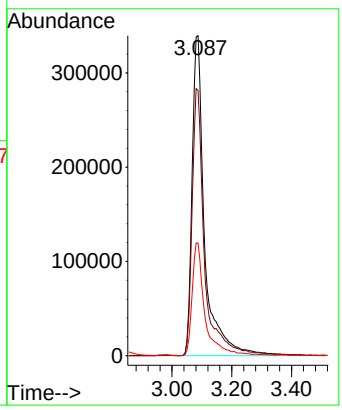


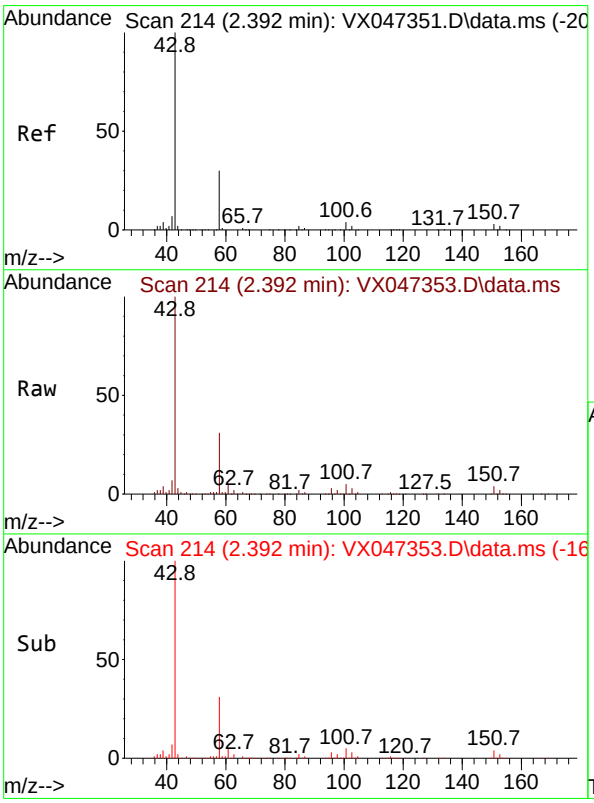
#15
Acrylonitrile
Concen: 772.742 ug/l
RT: 3.087 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 53 Resp: 991254

Ion	Ratio	Lower	Upper
53	100		
52	82.3	65.8	98.6
51	35.4	28.2	42.2

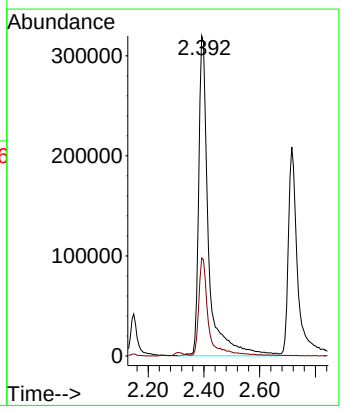


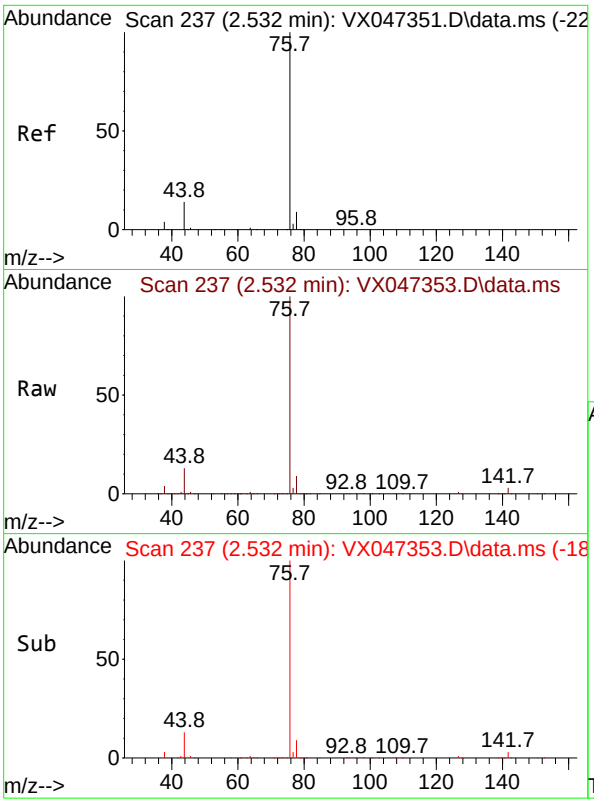


#16
Acetone
Concen: 684.039 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 43 Resp: 784600

Ion	Ratio	Lower	Upper
43	100		
58	30.4	24.8	37.2



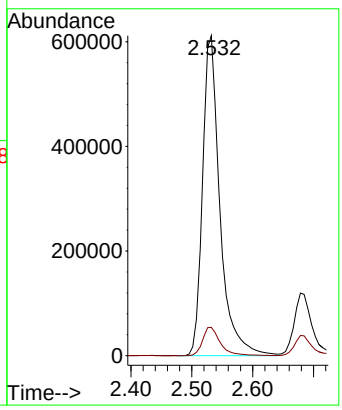


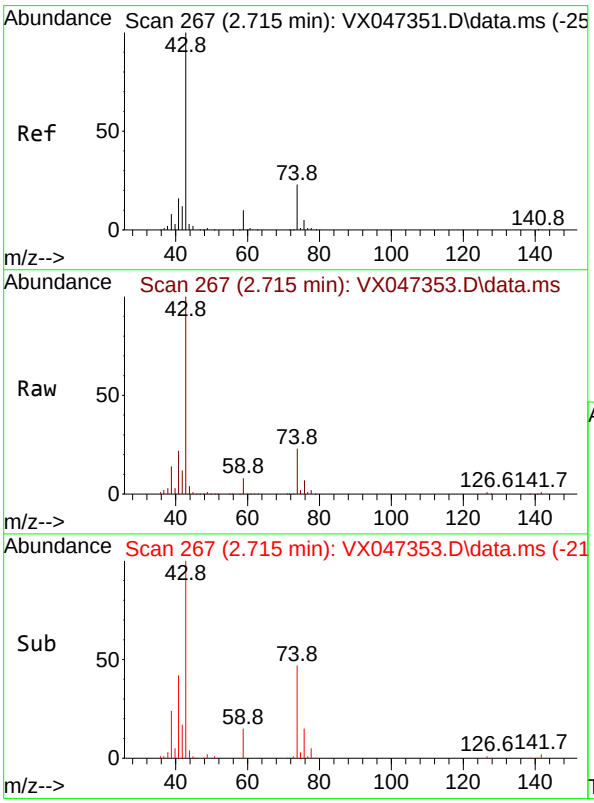
#17
Carbon Disulfide
Concen: 146.420 ug/l
RT: 2.532 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 76 Resp: 1212975

Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.2	10.8

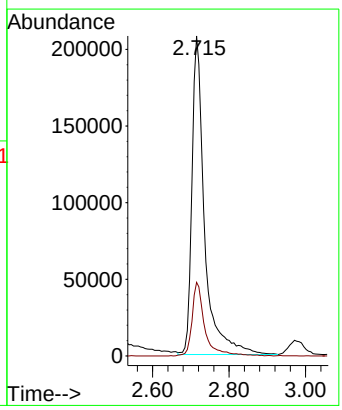


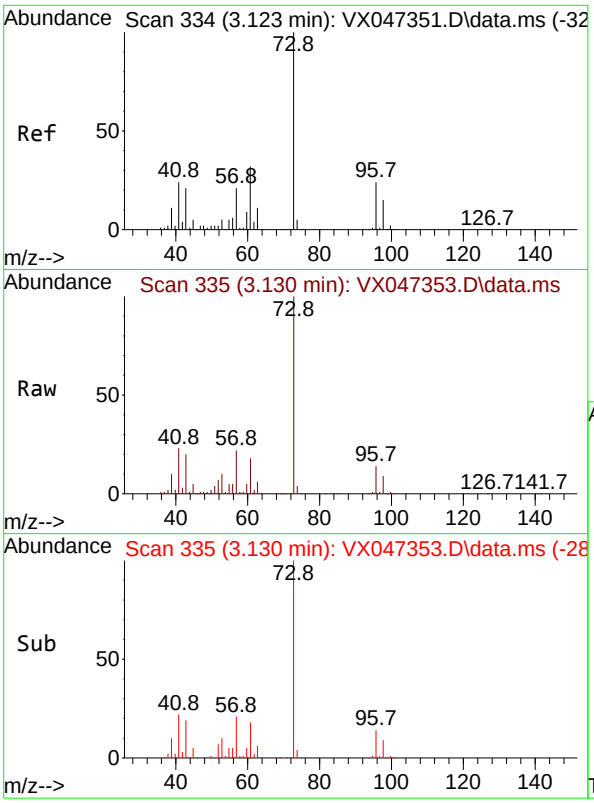


#18
Methyl Acetate
Concen: 160.309 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 43 Resp: 476497

Ion	Ratio	Lower	Upper
43	100		
74	23.3	18.4	27.6



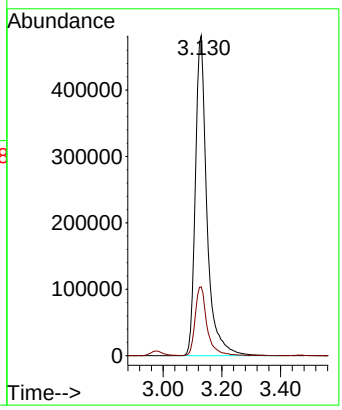


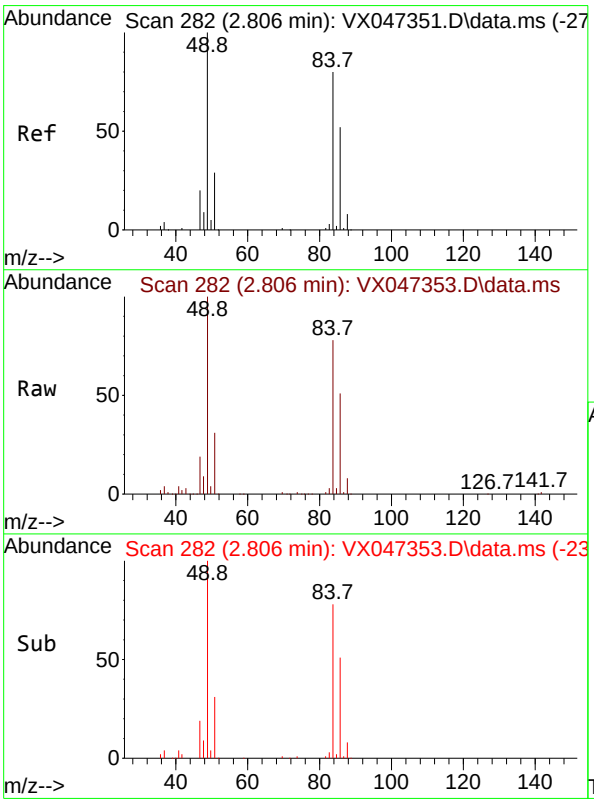
#19
Methyl tert-butyl Ether
Concen: 157.713 ug/l
RT: 3.130 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 73 Resp: 1317168

Ion	Ratio	Lower	Upper
73	100		
57	21.5	17.0	25.6

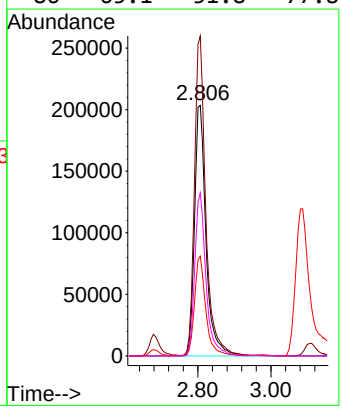


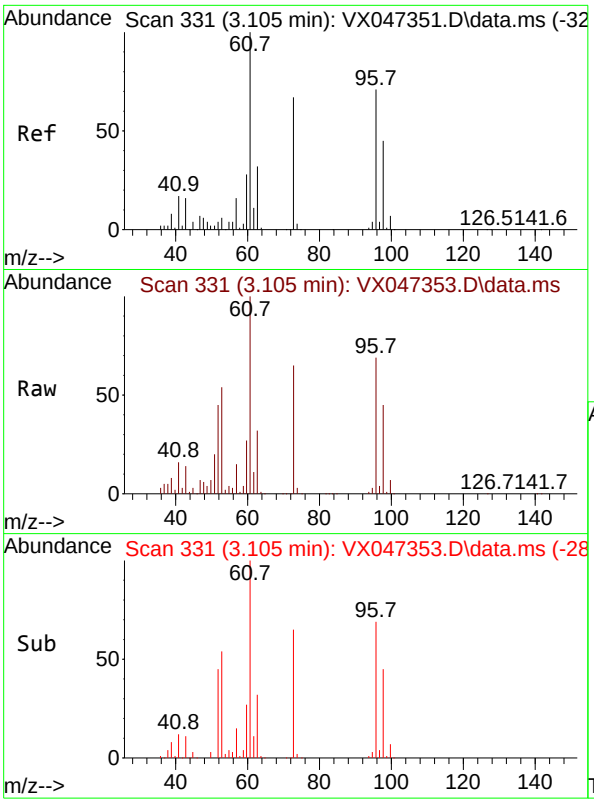


#20
Methylene Chloride
Concen: 147.242 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 84 Resp: 447216

Ion	Ratio	Lower	Upper
84	100		
49	127.5	100.1	150.1
51	39.7	29.5	44.3
86	65.1	51.8	77.8



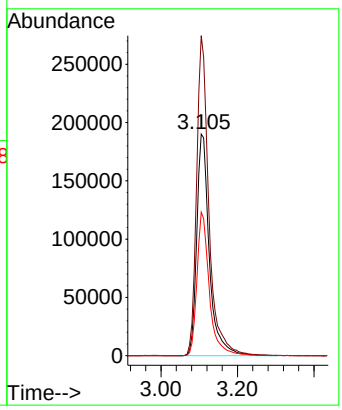


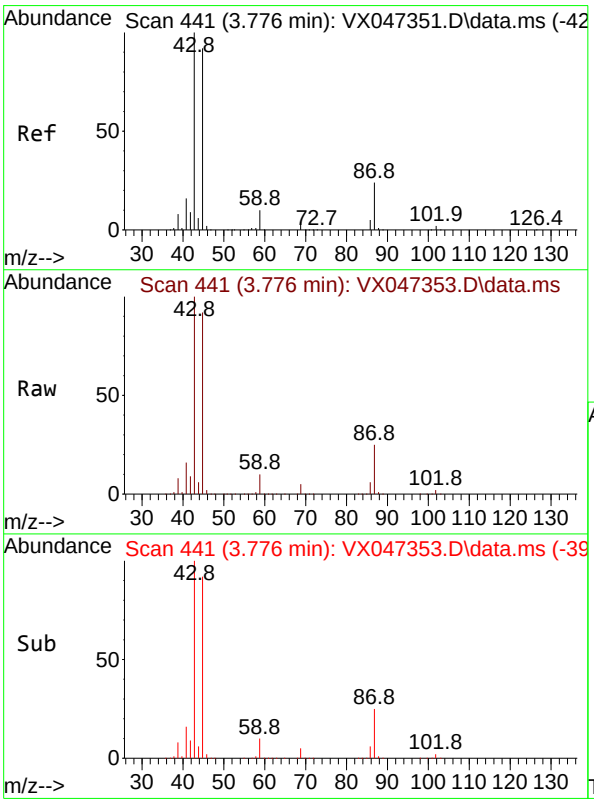
#21
trans-1,2-Dichloroethene
Concen: 149.166 ug/l
RT: 3.105 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 96 Resp: 434634

Ion	Ratio	Lower	Upper
96	100		
61	144.3	112.6	169.0
98	64.8	50.9	76.3

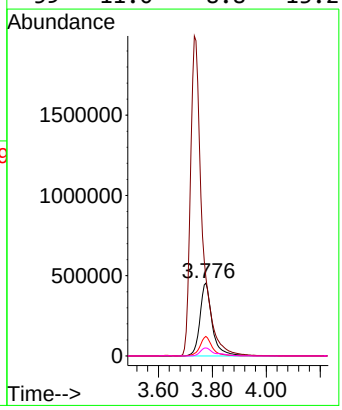


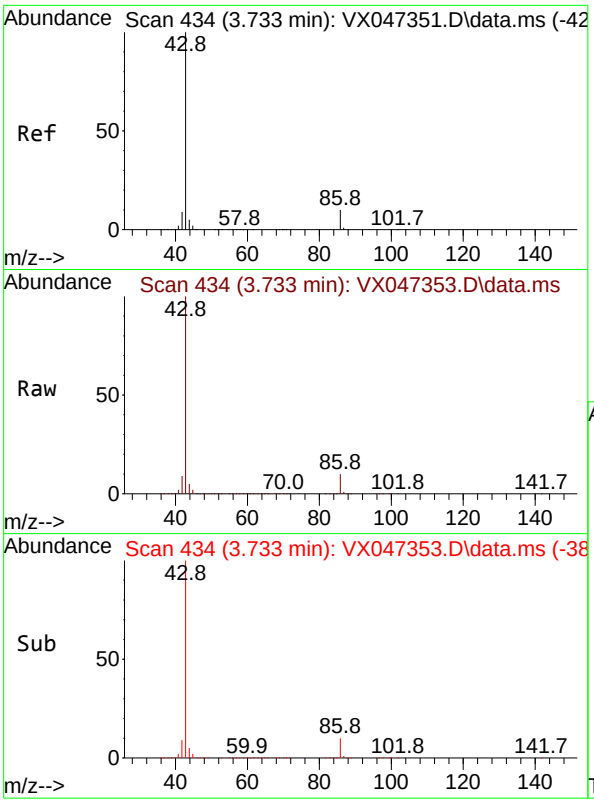


#22
Diisopropyl ether
Concen: 151.699 ug/l
RT: 3.776 min Scan# 441
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 45 Resp: 1429793

Ion	Ratio	Lower	Upper
45	100		
43	108.1	86.8	130.2
87	26.8	20.4	30.6
59	11.0	8.8	13.2



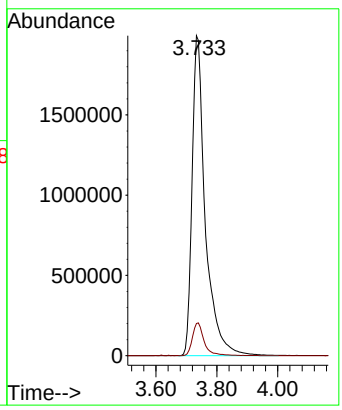


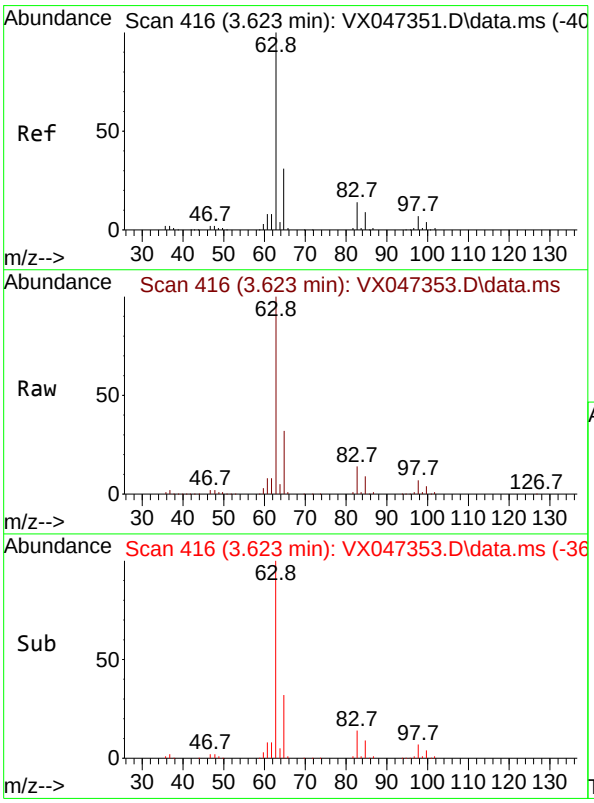
#23
Vinyl Acetate
Concen: 779.316 ug/l
RT: 3.733 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 6020474

Ion	Ratio	Lower	Upper
43	100		
86	10.0	7.9	11.9

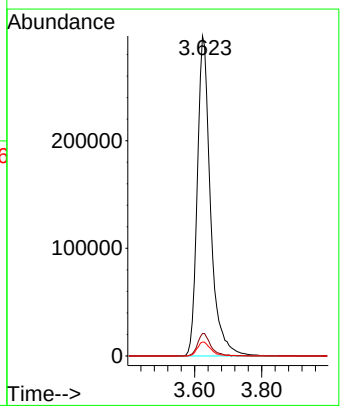


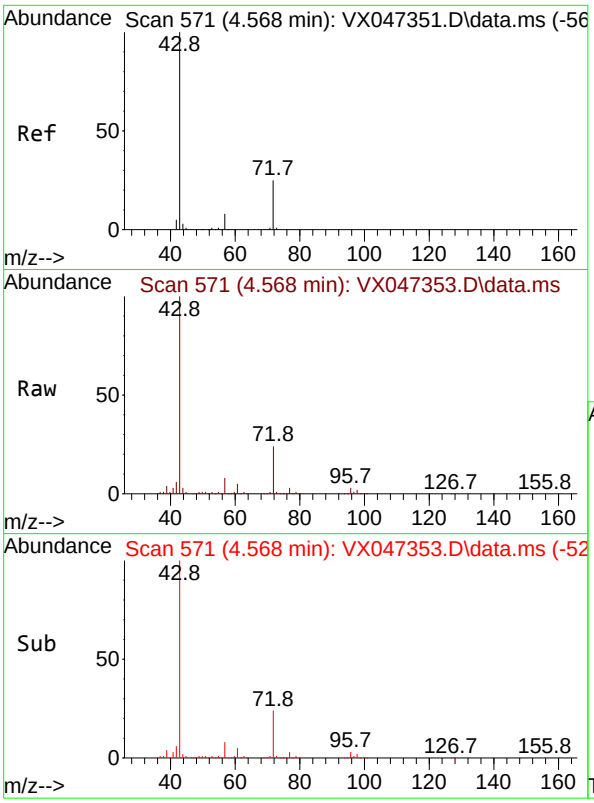


#24
1,1-Dichloroethane
Concen: 152.005 ug/l
RT: 3.623 min Scan# 416
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 63 Resp: 809793

Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.3	9.9
100	4.3	2.1	6.3



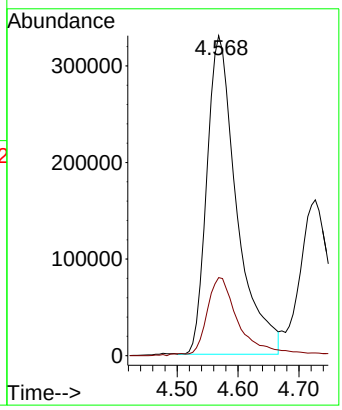


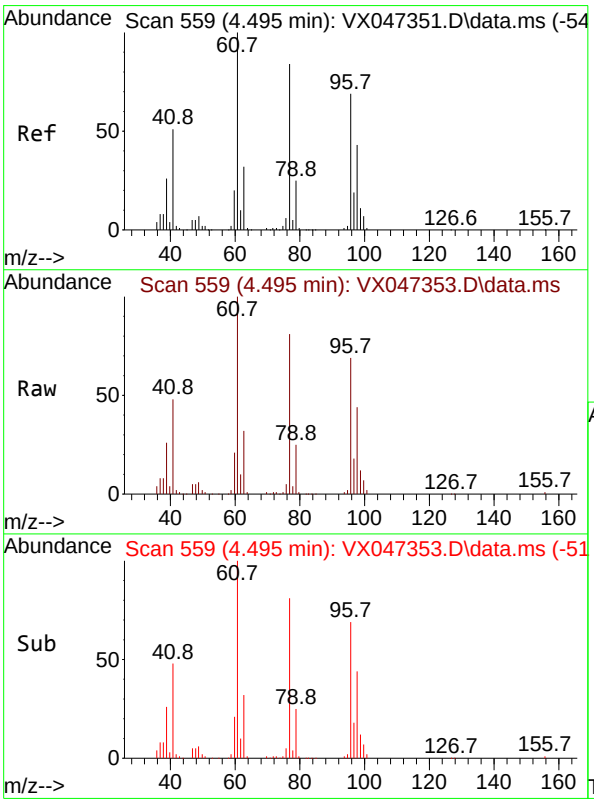
#25
2-Butanone
Concen: 747.433 ug/l
RT: 4.568 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 1122803

Ion	Ratio	Lower	Upper
43	100		
72	23.9	19.8	29.8

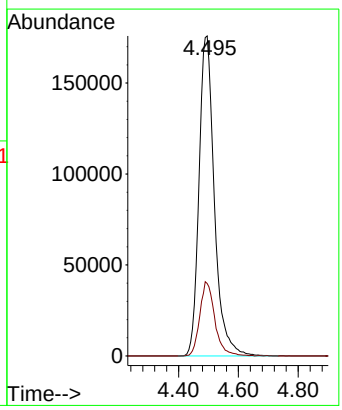


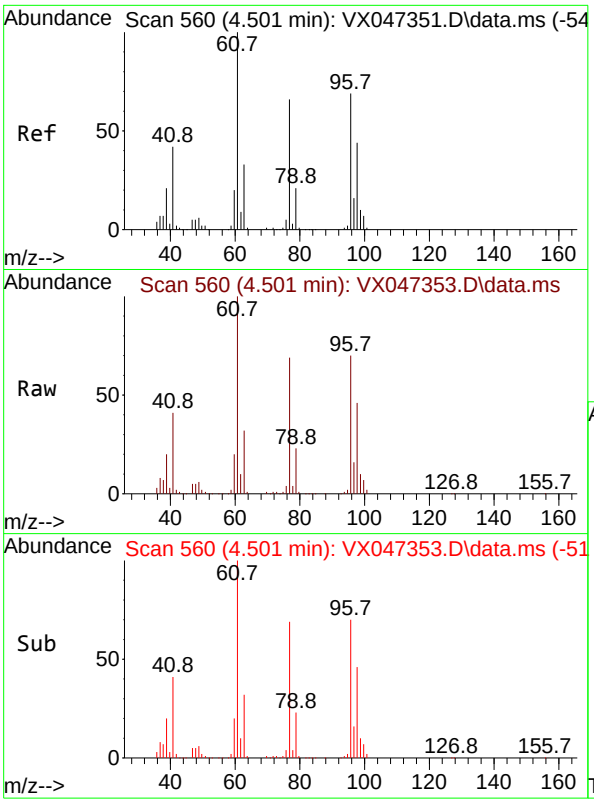


#26
2,2-Dichloropropane
Concen: 156.100 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 77 Resp: 627662

Ion	Ratio	Lower	Upper
77	100		
97	22.7	11.4	34.1



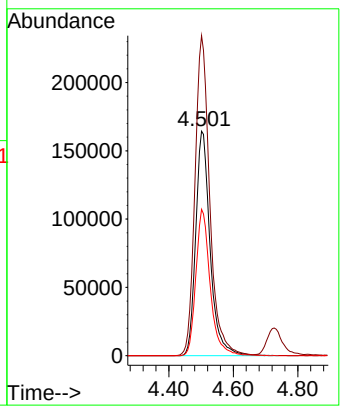


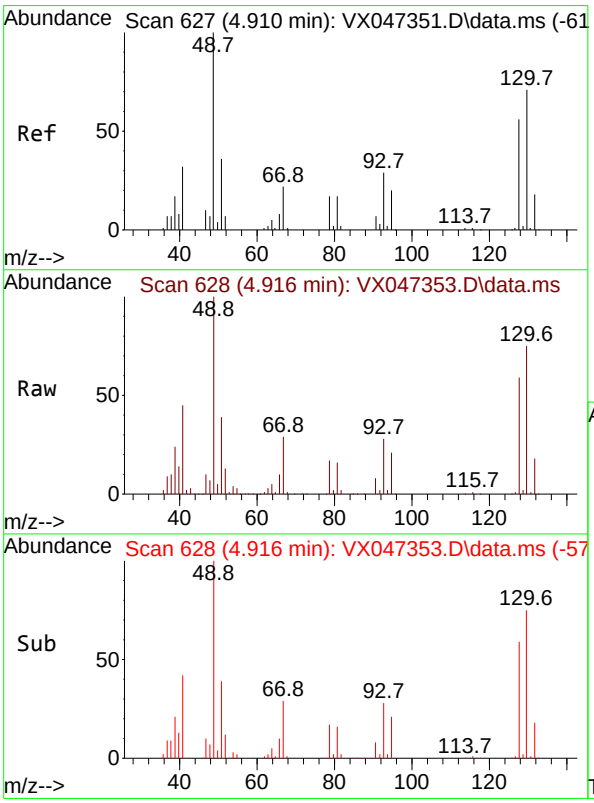
#27
cis-1,2-Dichloroethene
Concen: 150.154 ug/l
RT: 4.501 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 96 Resp: 509580

Ion	Ratio	Lower	Upper
96	100		
61	146.3	0.0	296.6
98	64.9	0.0	130.4

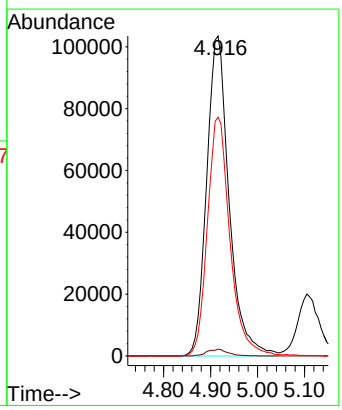


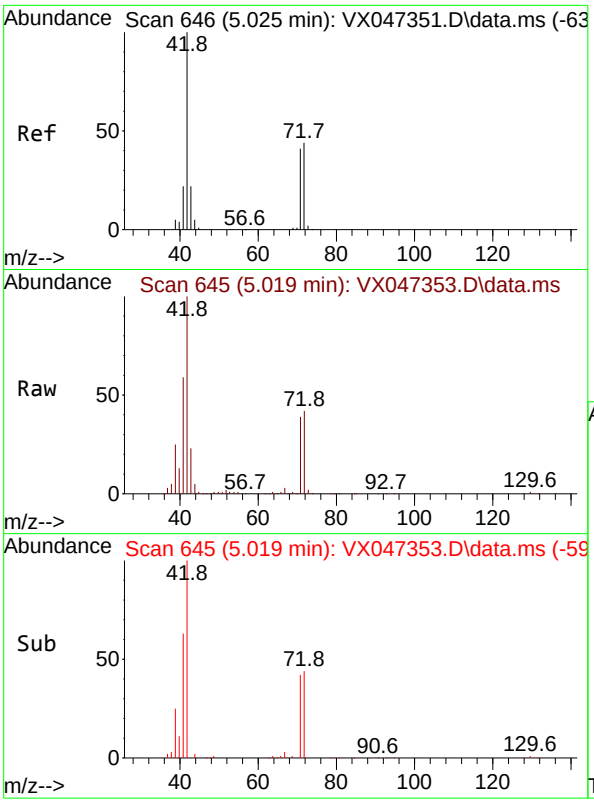


#28
Bromochloromethane
Concen: 154.839 ug/l
RT: 4.916 min Scan# 628
Delta R.T. 0.006 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 49 Resp: 343257

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	75.0	59.8	89.6



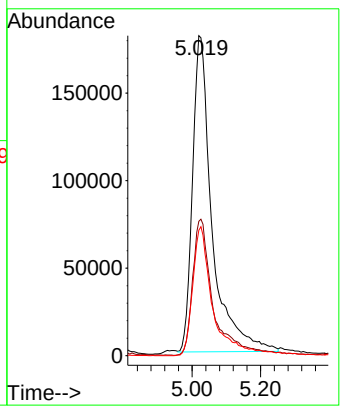


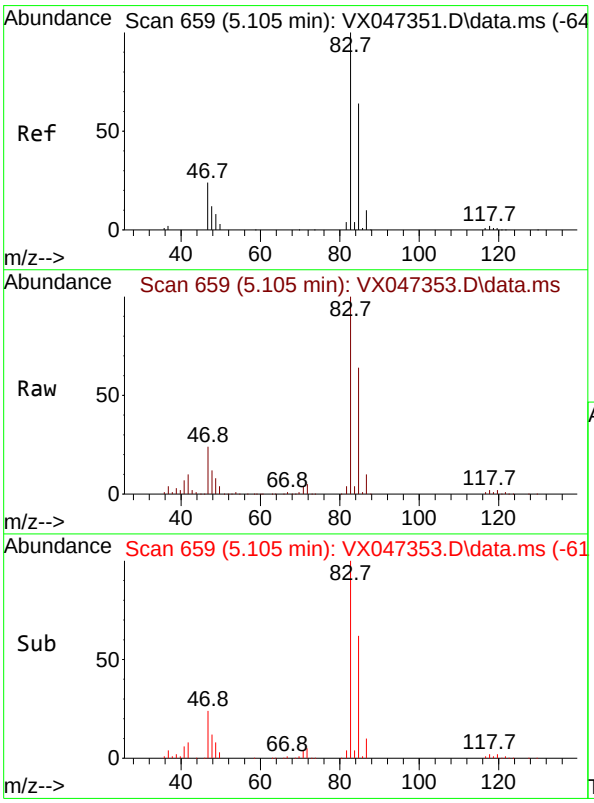
#29
Tetrahydrofuran
Concen: 739.017 ug/l
RT: 5.019 min Scan# 64
Delta R.T. -0.006 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 42 Resp: 717541

Ion	Ratio	Lower	Upper
42	100		
72	45.7	34.6	51.8
71	42.1	32.6	49.0

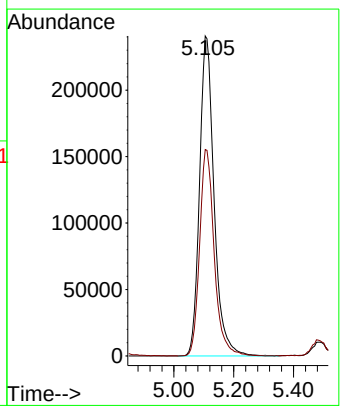


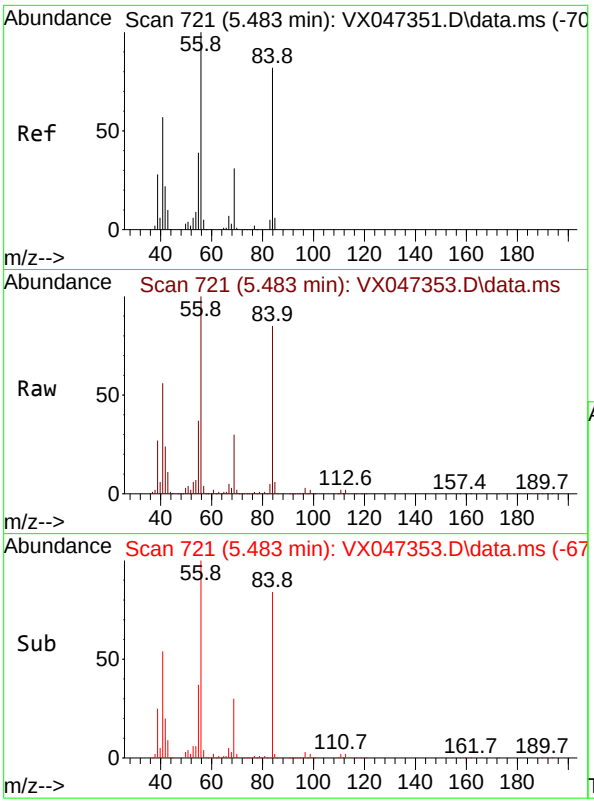


#30
Chloroform
Concen: 149.521 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 83 Resp: 812939

Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.2	76.8



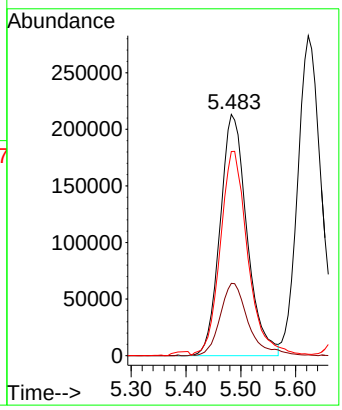


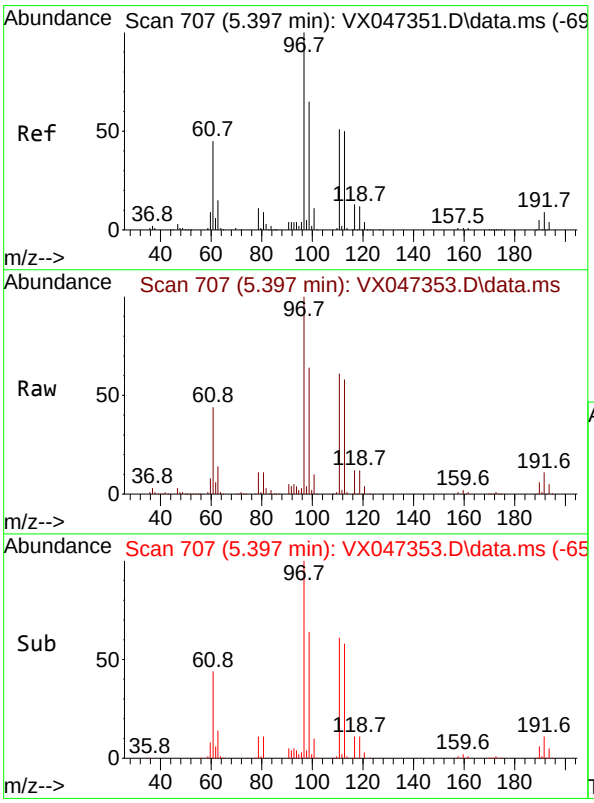
#31
Cyclohexane
Concen: 148.180 ug/l
RT: 5.483 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 56 Resp: 727704

Ion	Ratio	Lower	Upper
56	100		
69	29.6	24.3	36.5
84	83.0	65.3	97.9

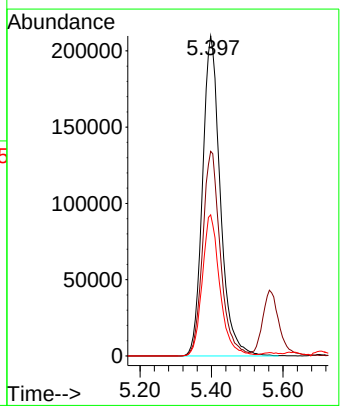


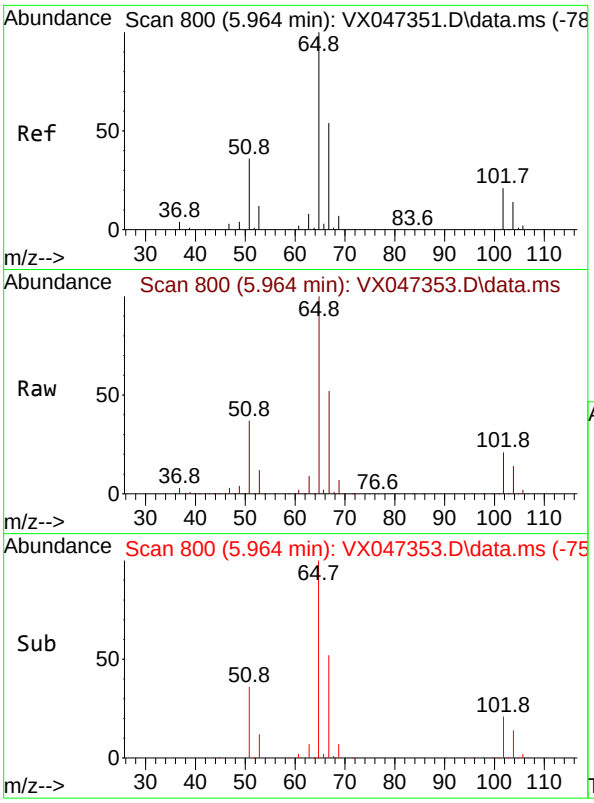


#32
1,1,1-Trichloroethane
Concen: 154.630 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 97 Resp: 723635

Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.4	77.0
61	43.8	35.7	53.5



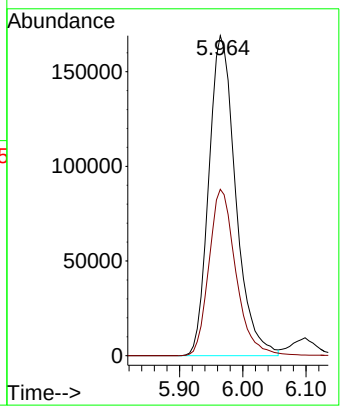


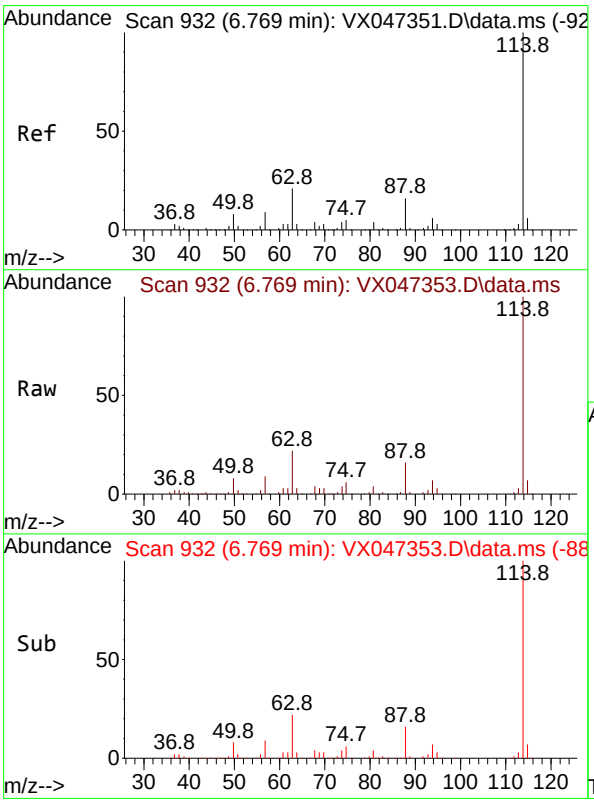
#33
1,2-Dichloroethane-d4
Concen: 163.328 ug/l
RT: 5.964 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 65 Resp: 498398

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	106.0

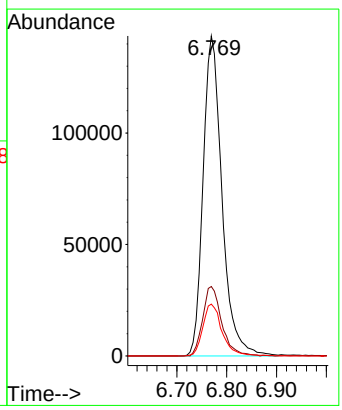


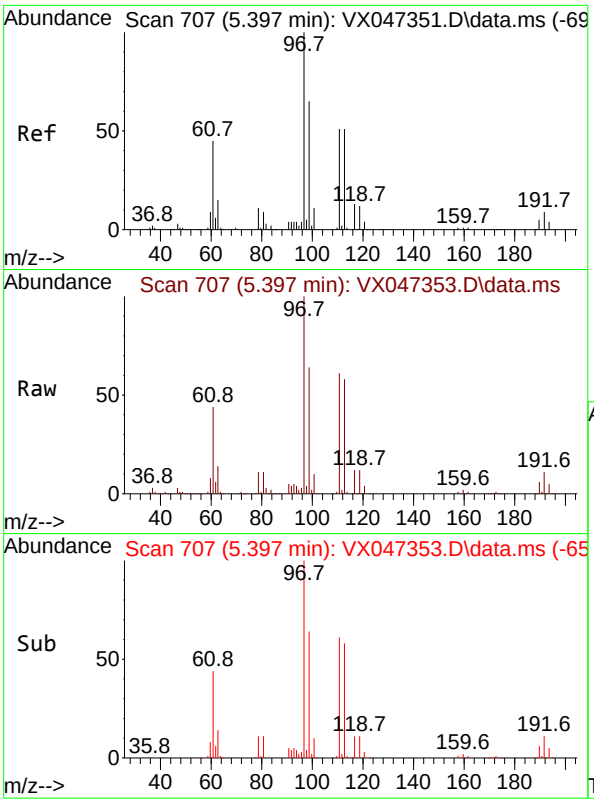


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion:114 Resp: 378315

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	42.4
88	16.2	0.0	33.0



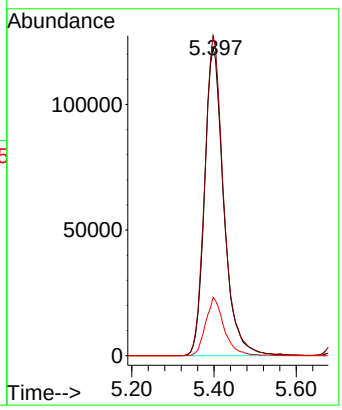


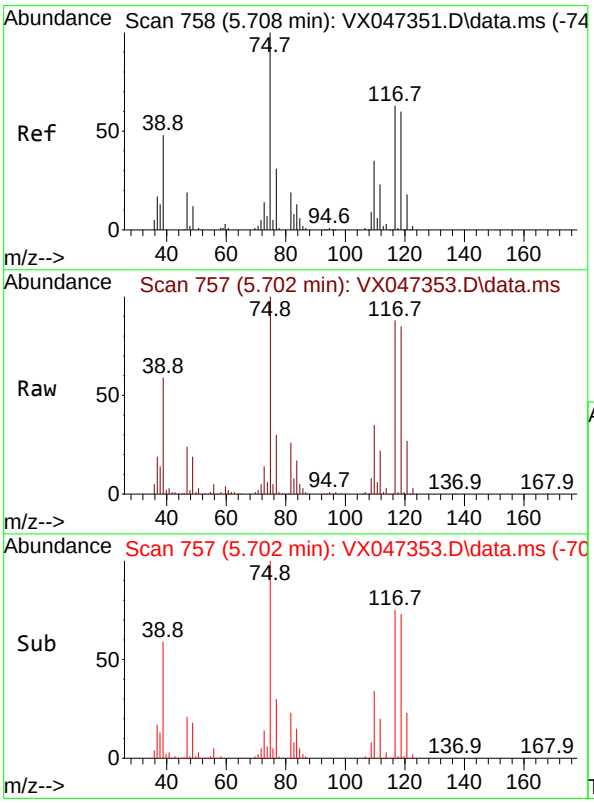
#35
Dibromofluoromethane
Concen: 161.390 ug/l
RT: 5.397 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:113 Resp: 396260

Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.4	122.2
192	18.2	14.1	21.1

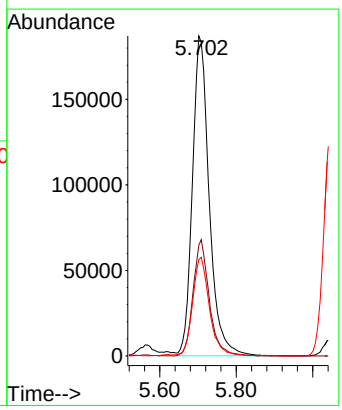


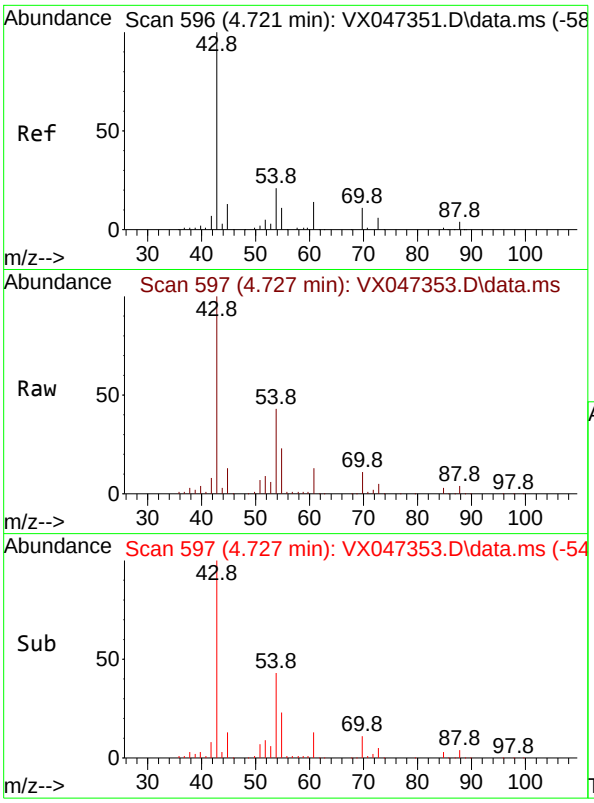


#36
1,1-Dichloropropene
Concen: 147.104 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.006 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 75 Resp: 570157

Ion	Ratio	Lower	Upper
75	100		
110	35.1	17.4	52.2
77	31.0	24.4	36.6



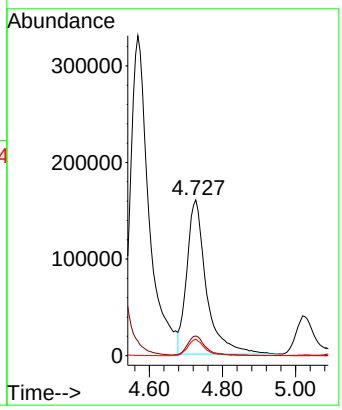


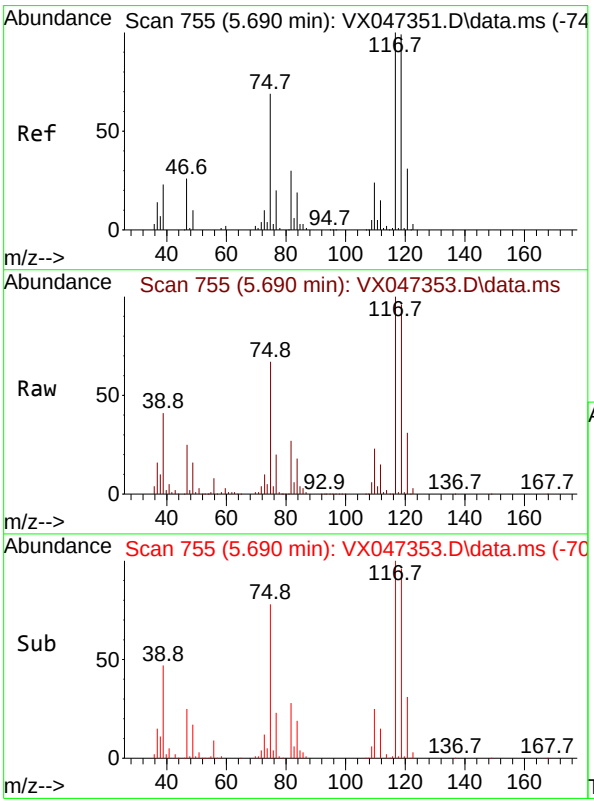
#37
Ethyl Acetate
Concen: 147.465 ug/l
RT: 4.727 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 593362

Ion	Ratio	Lower	Upper
43	100		
61	10.7	9.4	14.2
70	9.6	7.0	10.6

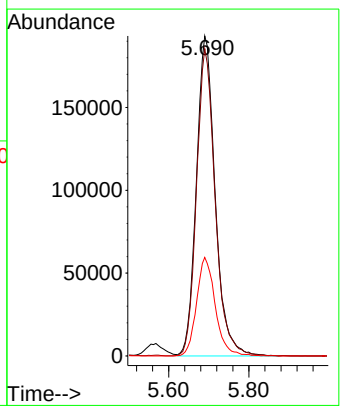


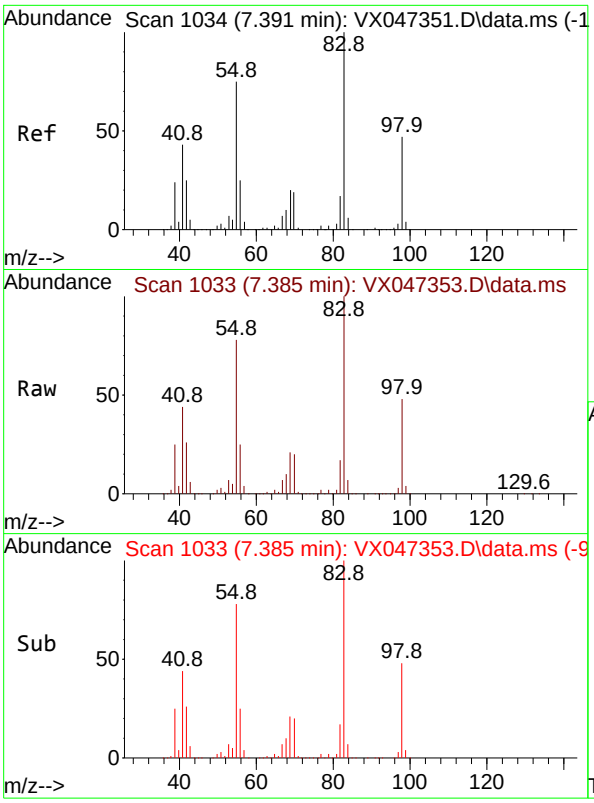


#38
Carbon Tetrachloride
Concen: 148.444 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion:117 Resp: 628733

Ion	Ratio	Lower	Upper
117	100		
119	96.0	78.5	117.7
121	30.8	24.7	37.1



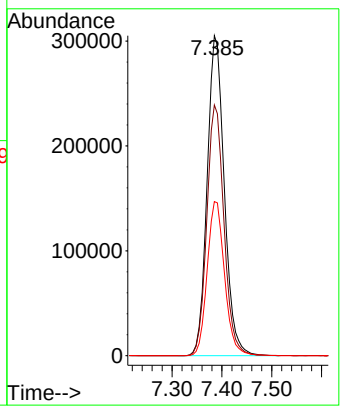


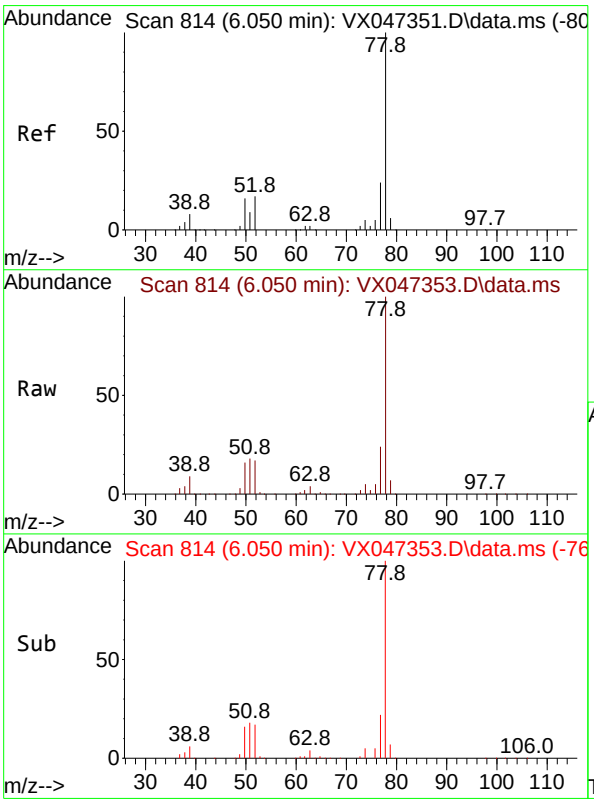
#39
Methylcyclohexane
Concen: 150.814 ug/l
RT: 7.385 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 729123

Ion	Ratio	Lower	Upper
83	100		
55	78.4	60.0	90.0
98	48.1	37.2	55.8

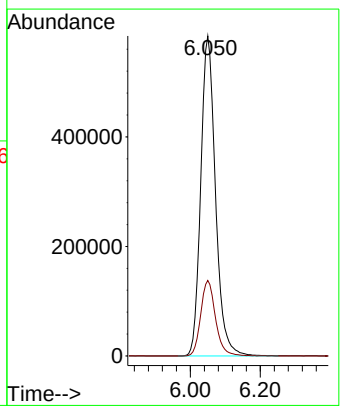


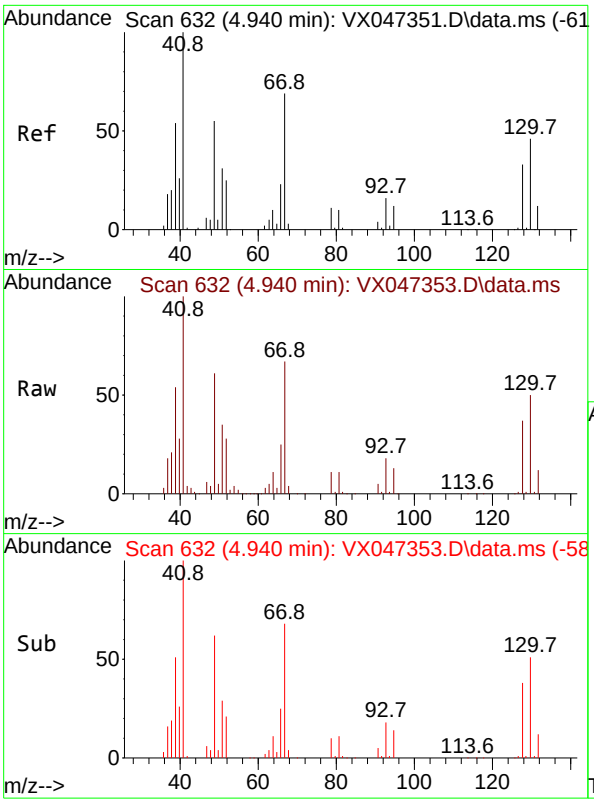


#40
Benzene
Concen: 147.130 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 78 Resp: 1706889

Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.0	28.4



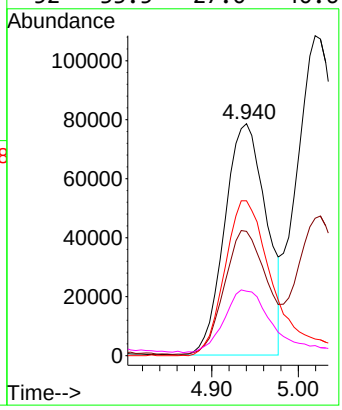


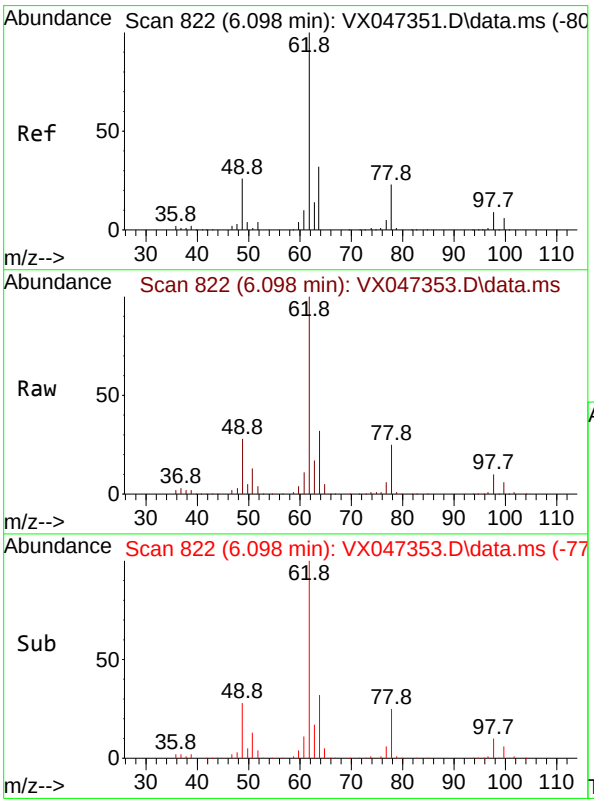
#41
Methacrylonitrile
Concen: 154.600 ug/l
RT: 4.940 min Scan# 6
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 41 Resp: 262323

Ion	Ratio	Lower	Upper
41	100		
39	53.5	45.4	68.2
67	81.1	64.0	96.0
52	33.5	27.0	40.6

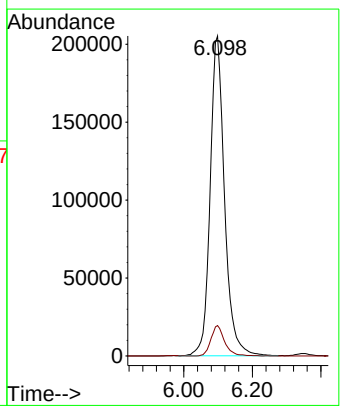


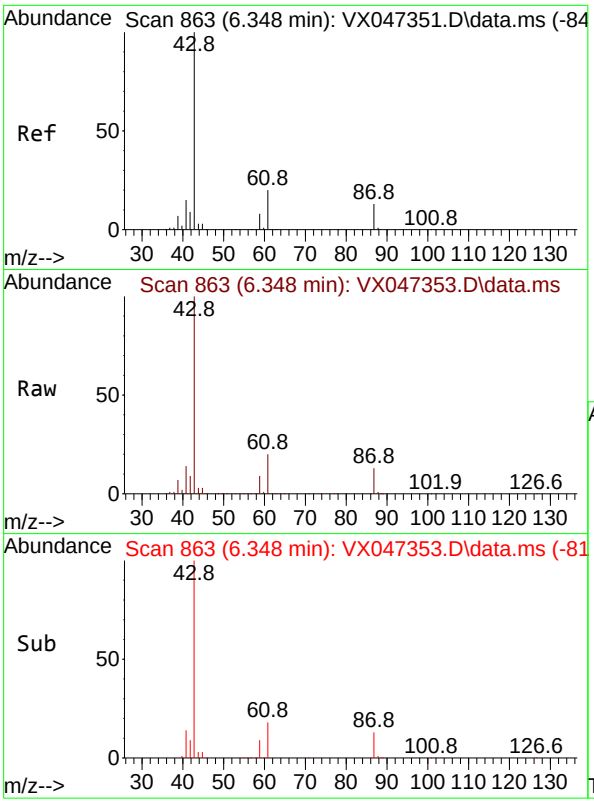


#42
1,2-Dichloroethane
Concen: 145.829 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 62 Resp: 599255

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.0



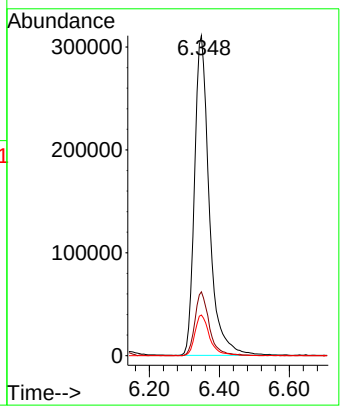


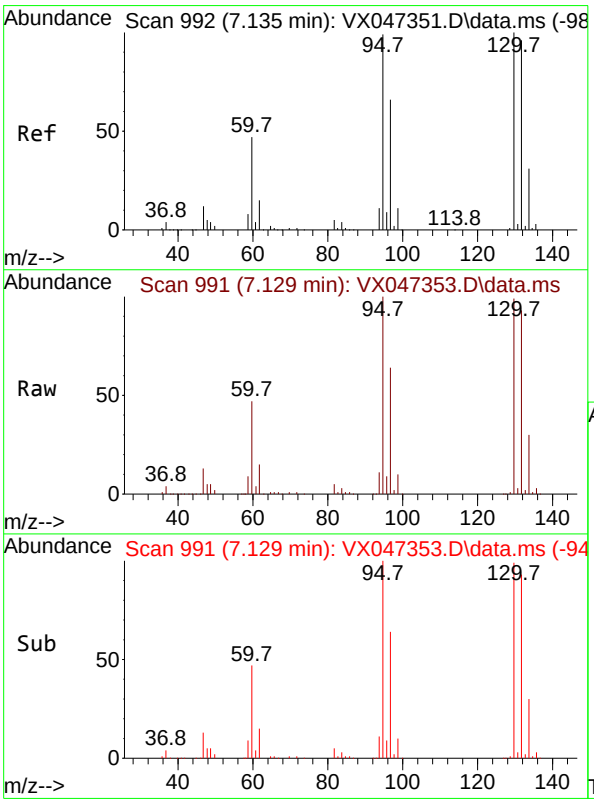
#43
Isopropyl Acetate
Concen: 157.486 ug/l
RT: 6.348 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 910348

Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.4	23.0
87	12.7	10.2	15.4

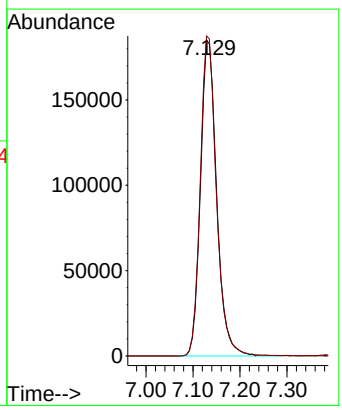


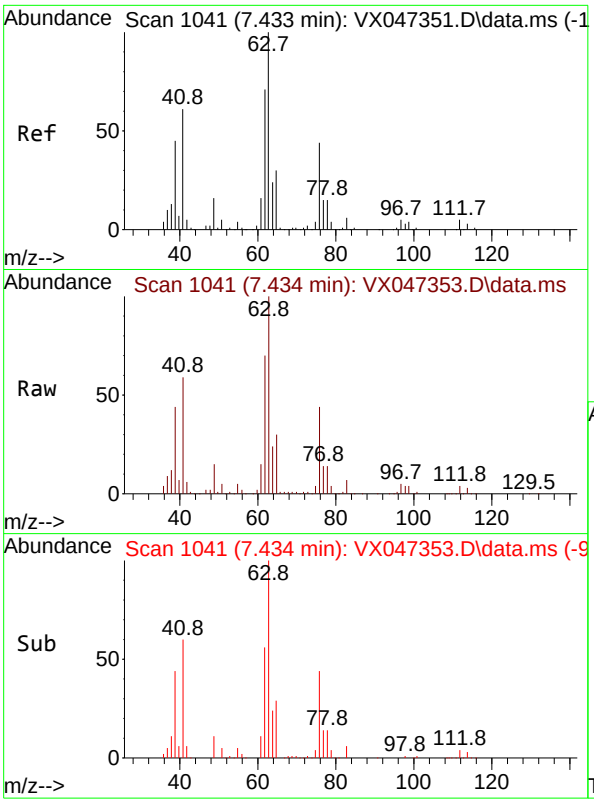


#44
Trichloroethene
Concen: 149.252 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion:130 Resp: 443361

Ion	Ratio	Lower	Upper
130	100		
95	101.2	0.0	198.6



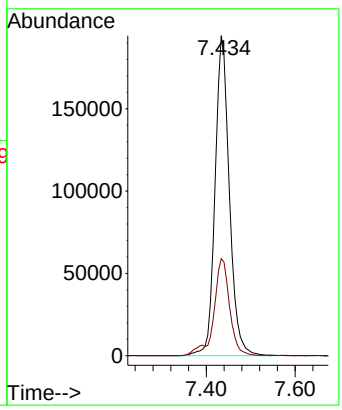


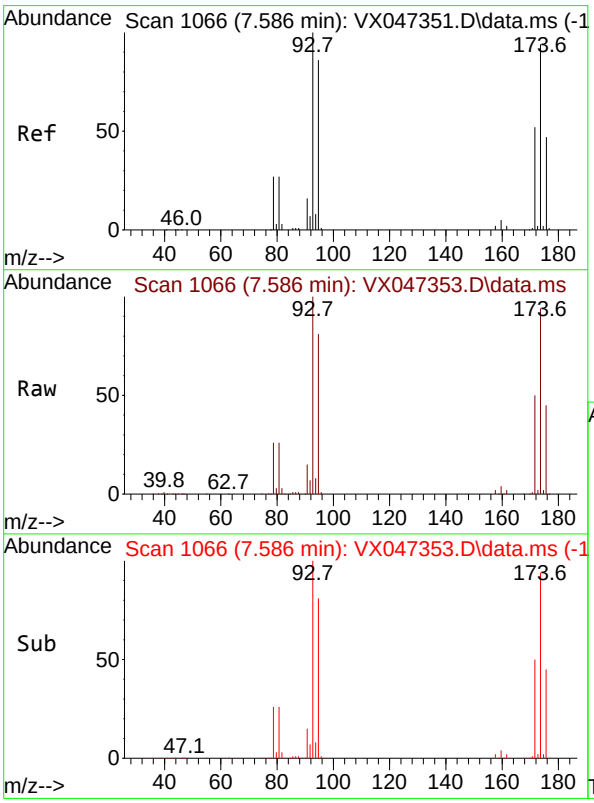
#45
1,2-Dichloropropane
Concen: 149.161 ug/l
RT: 7.434 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 63 Resp: 433512

Ion	Ratio	Lower	Upper
63	100		
65	30.3	23.8	35.6

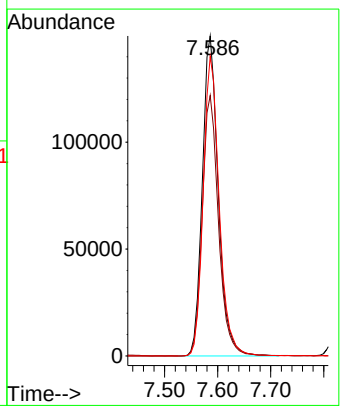


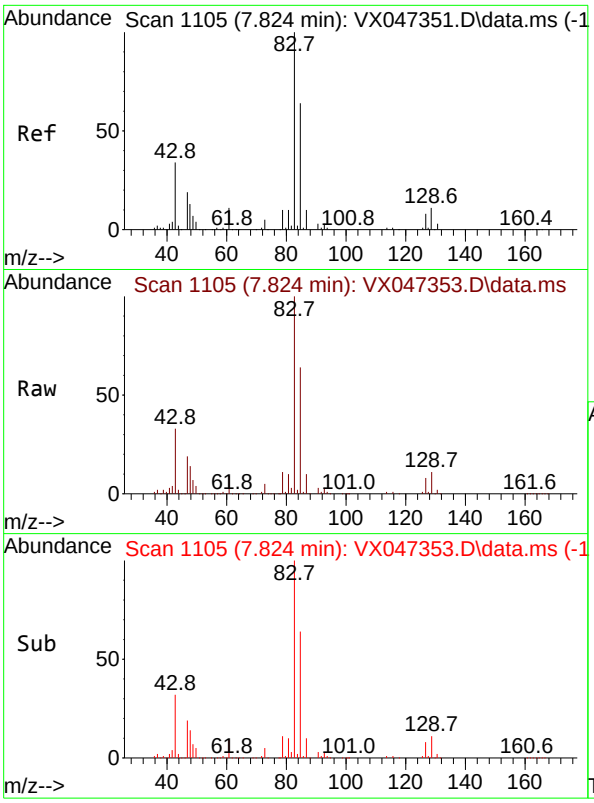


#46
Dibromomethane
Concen: 148.288 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 93 Resp: 312886

Ion	Ratio	Lower	Upper
93	100		
95	82.9	68.0	102.0
174	93.9	75.8	113.6



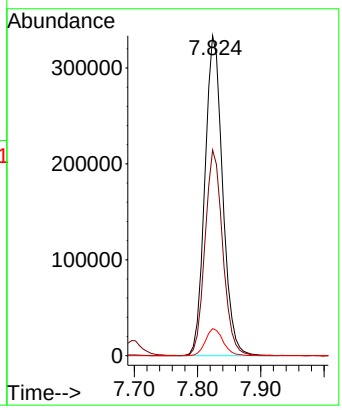


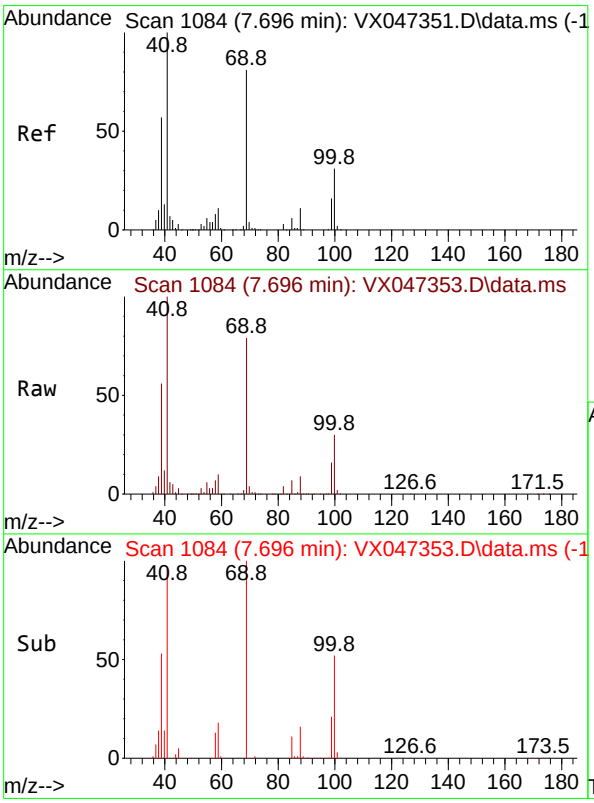
#47
Bromodichloromethane
Concen: 148.773 ug/l
RT: 7.824 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 650767

Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.0	76.6
127	8.5	7.0	10.4

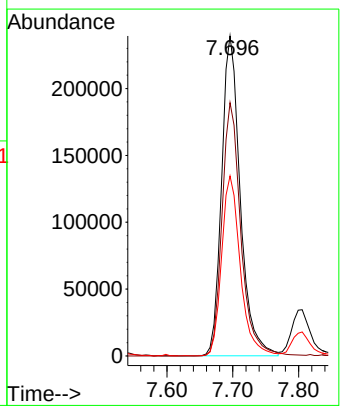


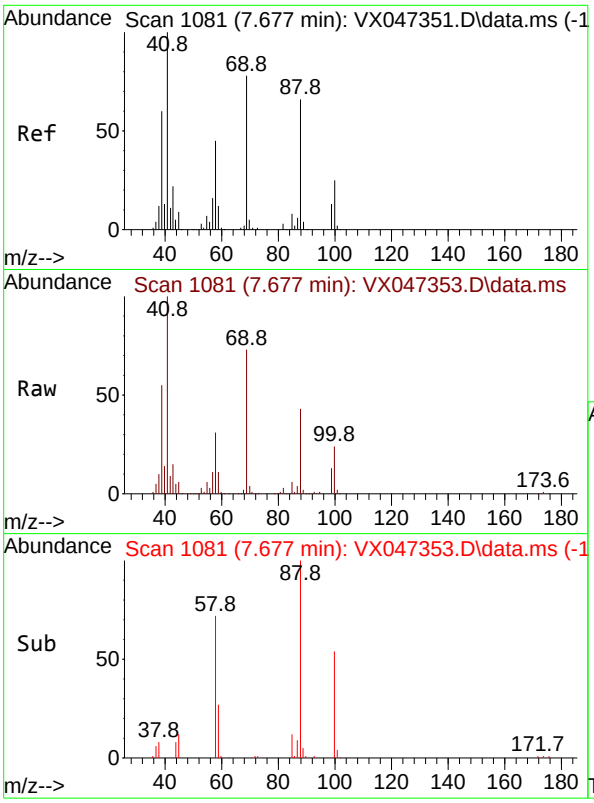


#48
Methyl methacrylate
Concen: 157.749 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 41 Resp: 473316

Ion	Ratio	Lower	Upper
41	100		
69	80.0	65.0	97.4
39	56.4	45.7	68.5



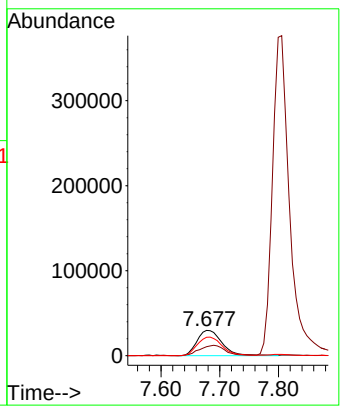


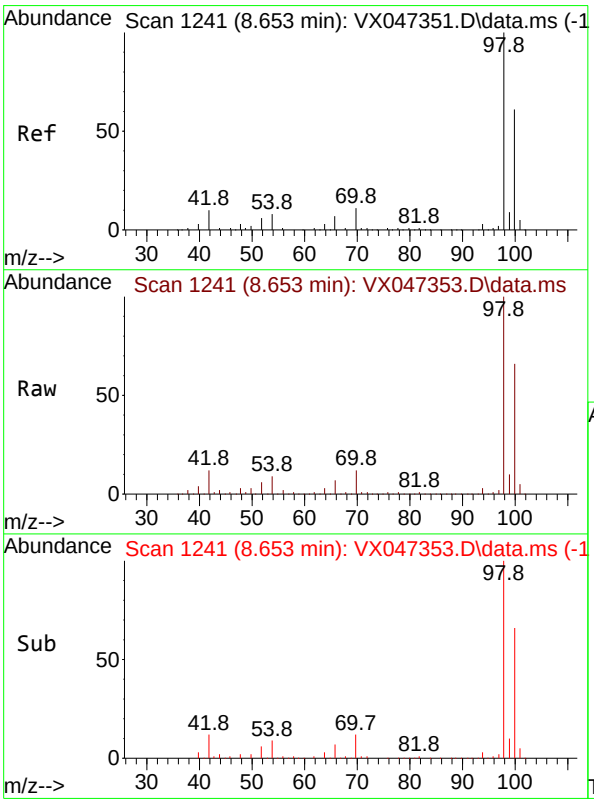
#49
1,4-Dioxane
Concen: 3105.263 ug/l
RT: 7.677 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 88 Resp: 88481

Ion	Ratio	Lower	Upper
88	100		
43	42.2	32.4	48.6
58	73.1	56.9	85.3

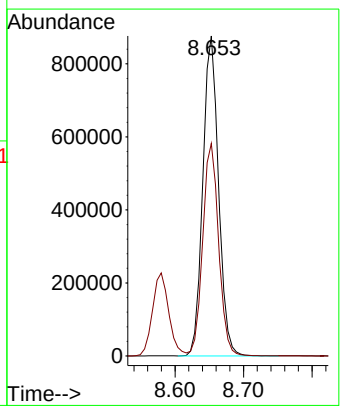


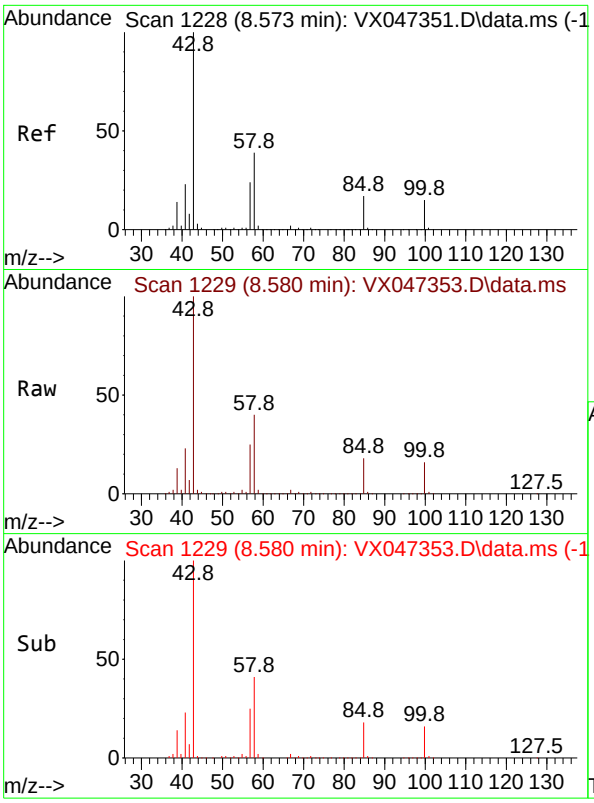


#50
Toluene-d8
Concen: 159.272 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 98 Resp: 1397755

Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.9	80.9



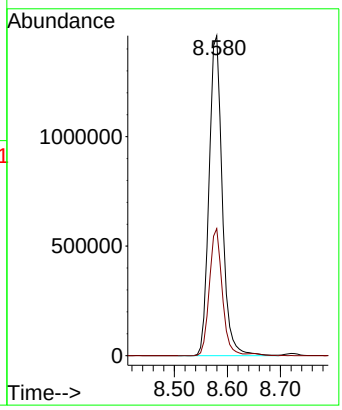


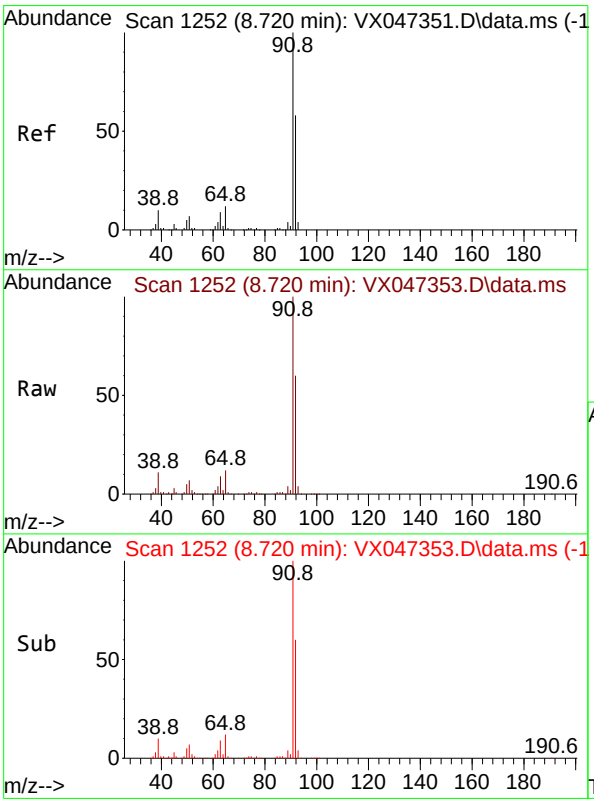
#51
4-Methyl-2-Pentanone
Concen: 757.992 ug/l
RT: 8.580 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 2521407

Ion	Ratio	Lower	Upper
43	100		
58	38.7	31.2	46.8

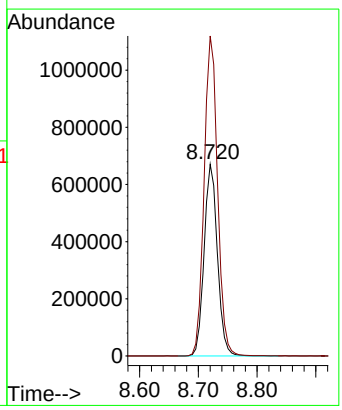


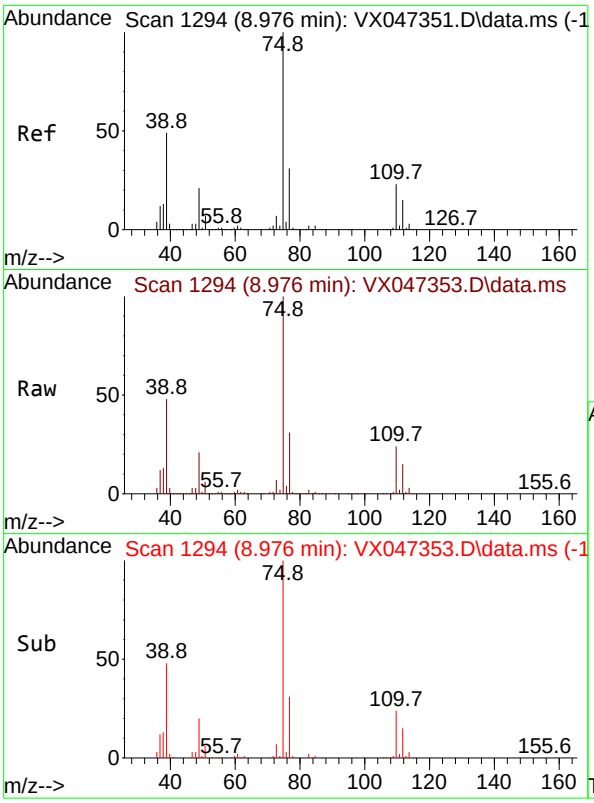


#52
Toluene
Concen: 146.750 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 92 Resp: 1052008

Ion	Ratio	Lower	Upper
92	100		
91	168.9	136.3	204.5



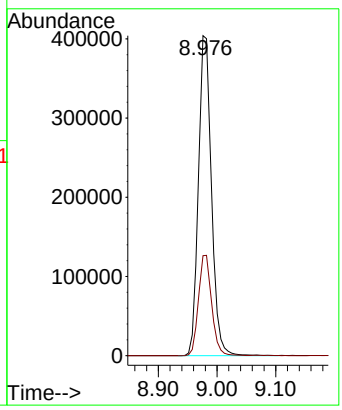


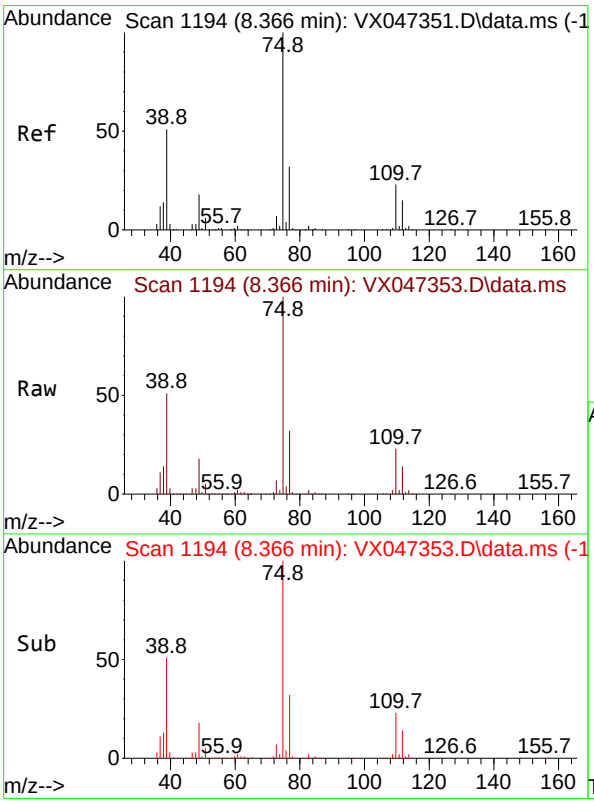
#53
t-1,3-Dichloropropene
Concen: 163.583 ug/l
RT: 8.976 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 75 Resp: 624499

Ion	Ratio	Lower	Upper
75	100		
77	31.3	24.7	37.1

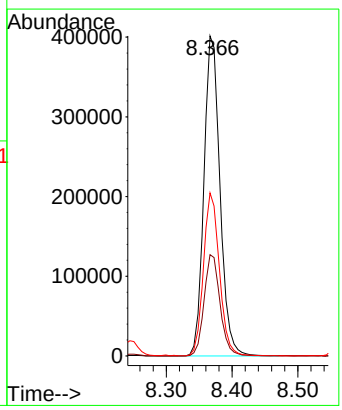


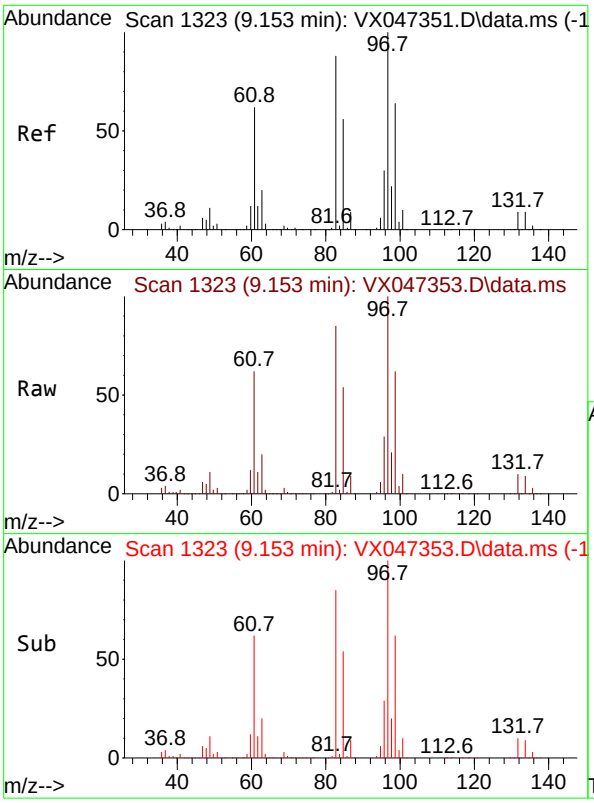


#54
cis-1,3-Dichloropropene
Concen: 158.029 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 75 Resp: 682860

Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.6	38.4
39	50.9	40.9	61.3



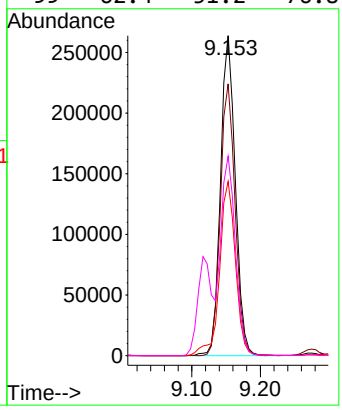


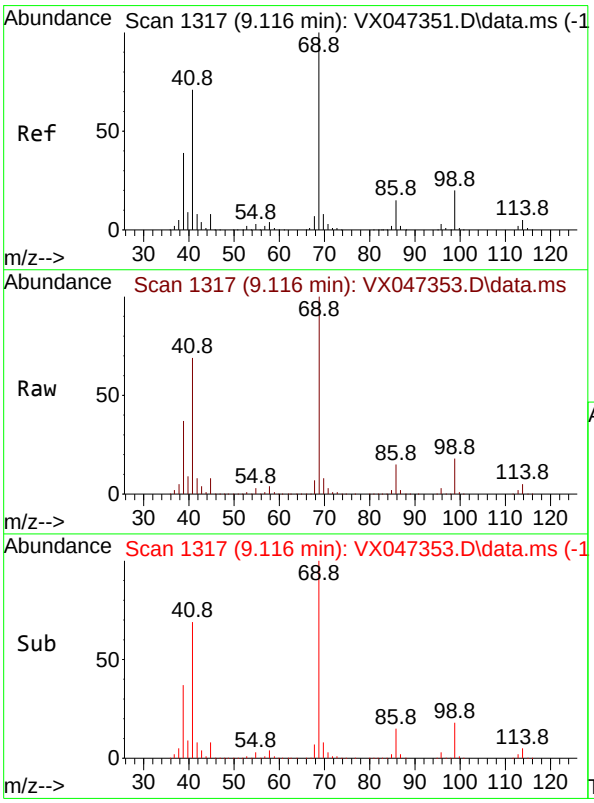
#55
1,1,2-Trichloroethane
Concen: 144.868 ug/l
RT: 9.153 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 97 Resp: 394302

Ion	Ratio	Lower	Upper
97	100		
83	85.0	70.6	106.0
85	54.5	44.7	67.1
99	62.4	51.2	76.8

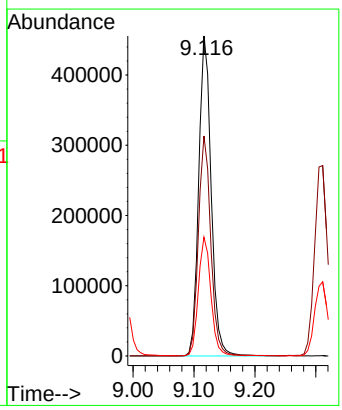


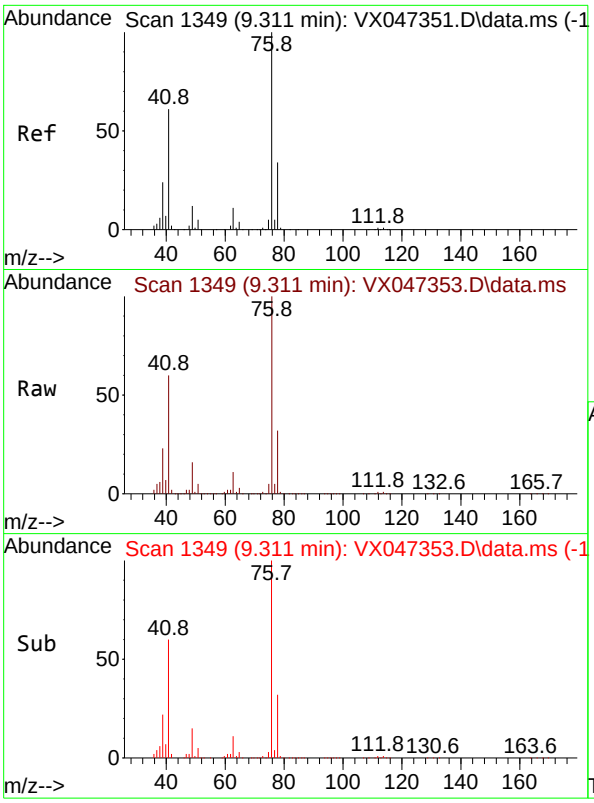


#56
Ethyl methacrylate
Concen: 161.020 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 69 Resp: 646154

Ion	Ratio	Lower	Upper
69	100		
41	68.4	55.3	82.9
39	37.1	30.2	45.2



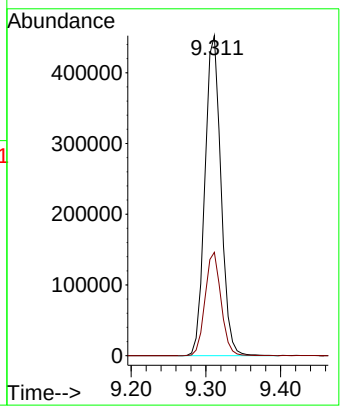


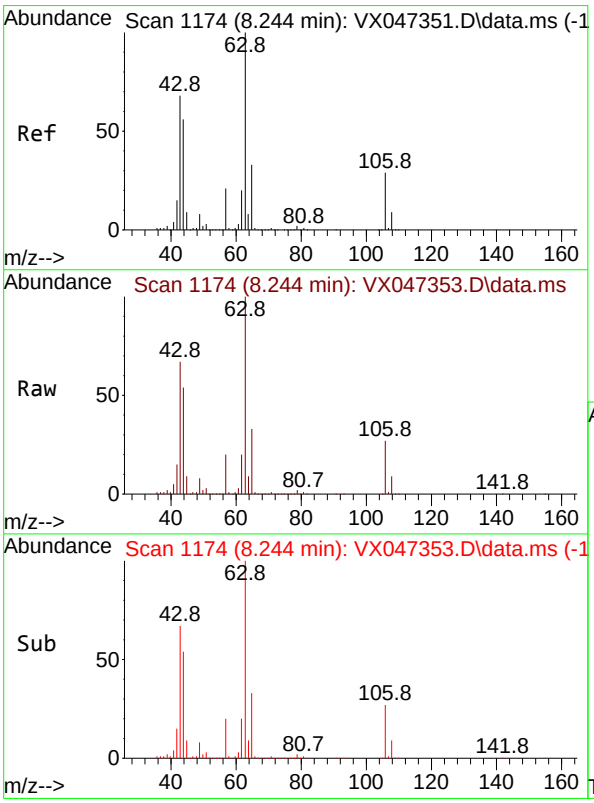
#57
1,3-Dichloropropane
Concen: 144.911 ug/l
RT: 9.311 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 76 Resp: 672087

Ion	Ratio	Lower	Upper
76	100		
78	32.3	26.2	39.2

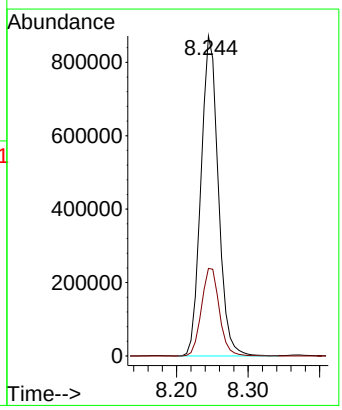


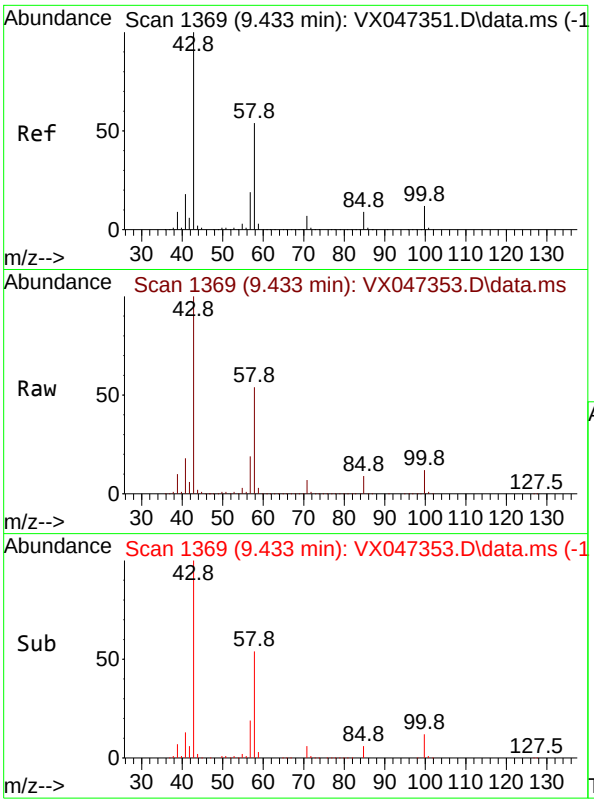


#58
2-Chloroethyl Vinyl ether
Concen: 748.853 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 63 Resp: 1468000

Ion	Ratio	Lower	Upper
63	100		
106	28.2	22.8	34.2



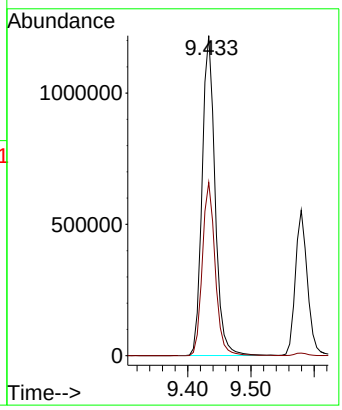


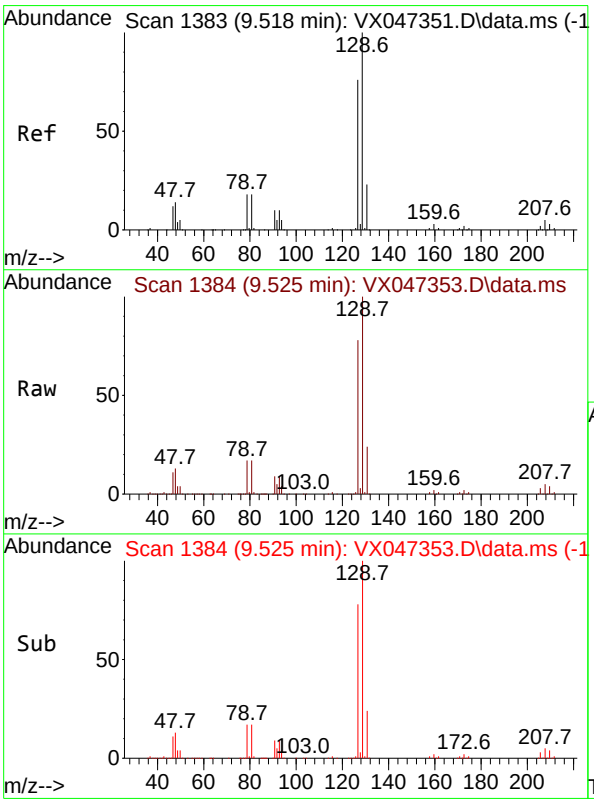
#59
2-Hexanone
Concen: 755.168 ug/l
RT: 9.433 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 1737616

Ion	Ratio	Lower	Upper
43	100		
58	53.9	26.9	80.7

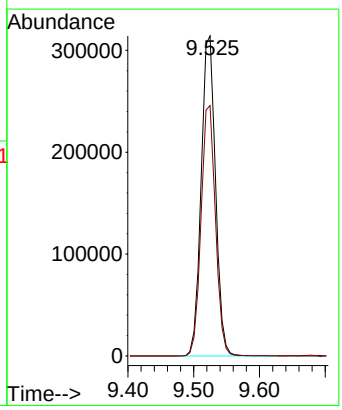


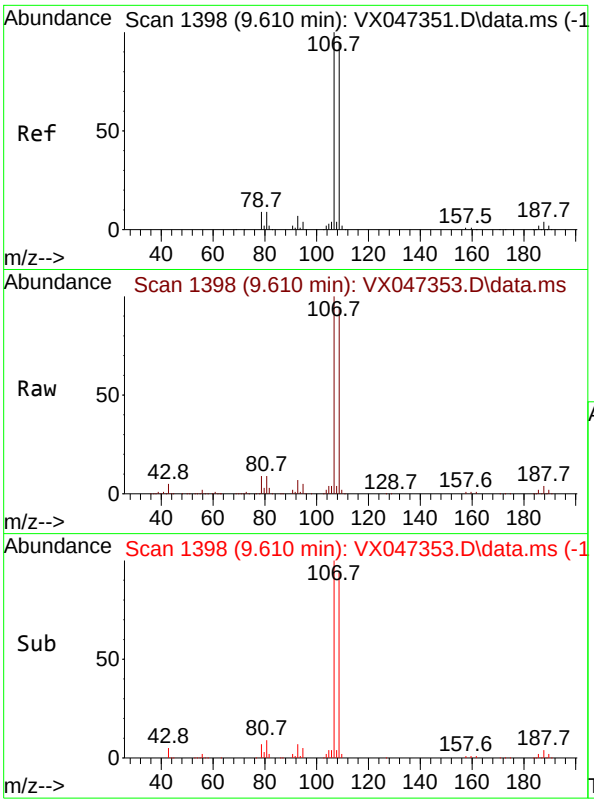


#60
Dibromochloromethane
Concen: 147.358 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion:129 Resp: 476650

Ion	Ratio	Lower	Upper
129	100		
127	78.5	38.9	116.6



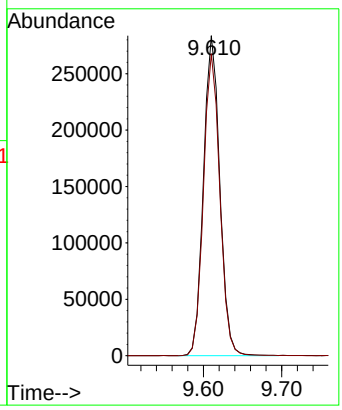


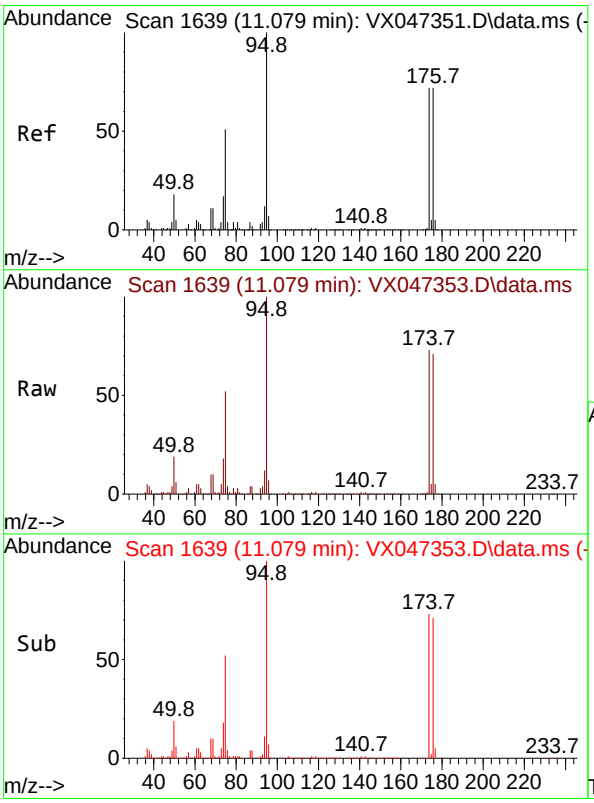
#61
1,2-Dibromoethane
Concen: 146.099 ug/l
RT: 9.610 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:107 Resp: 410057

Ion	Ratio	Lower	Upper
107	100		
109	94.5	76.2	114.2

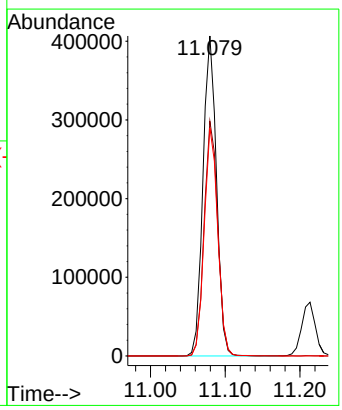


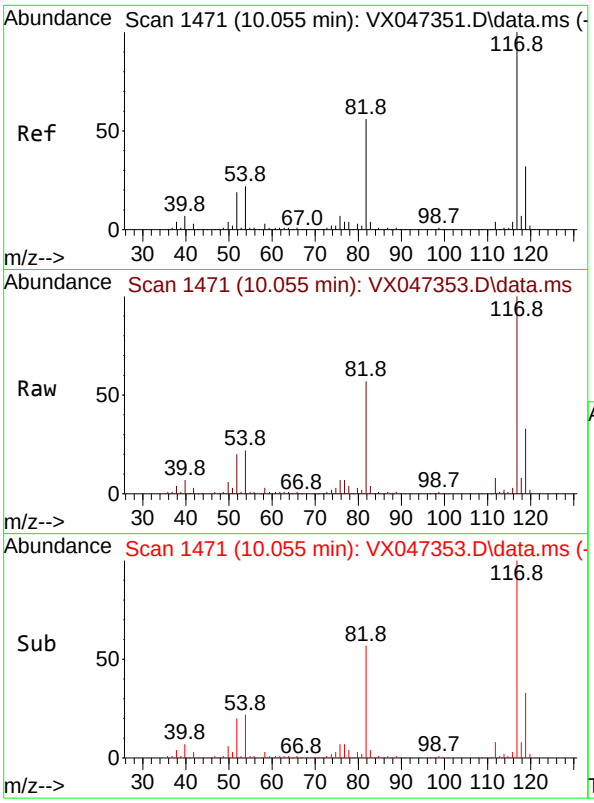


#62
4-Bromofluorobenzene
Concen: 157.125 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 95 Resp: 508844

Ion	Ratio	Lower	Upper
95	100		
174	74.2	0.0	148.0
176	71.3	0.0	145.4



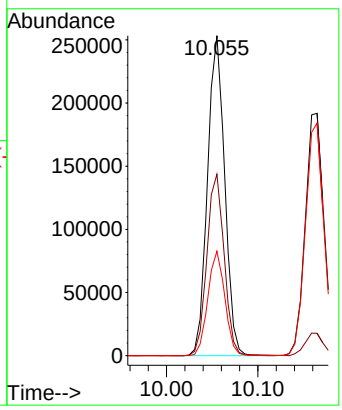


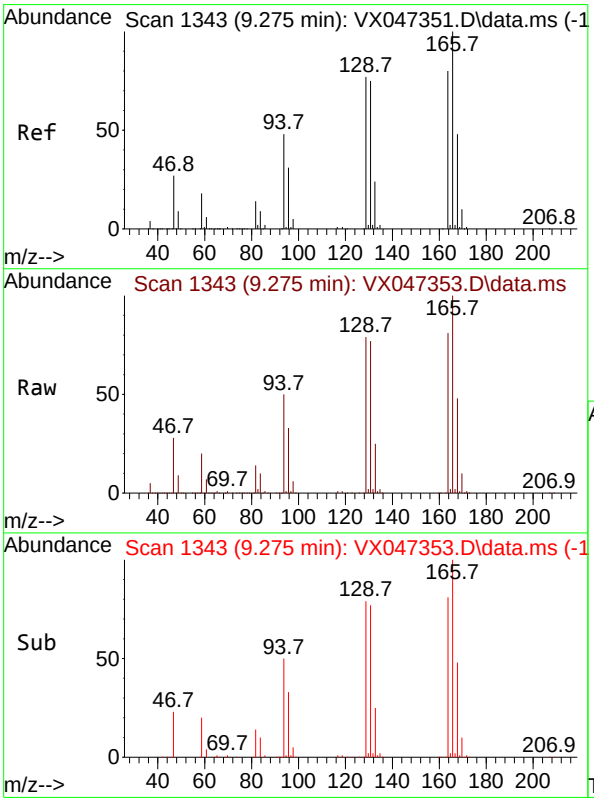
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:117 Resp: 330090

Ion	Ratio	Lower	Upper
117	100		
82	56.7	45.0	67.4
119	32.7	25.8	38.8

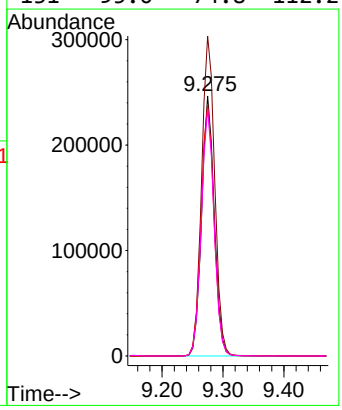


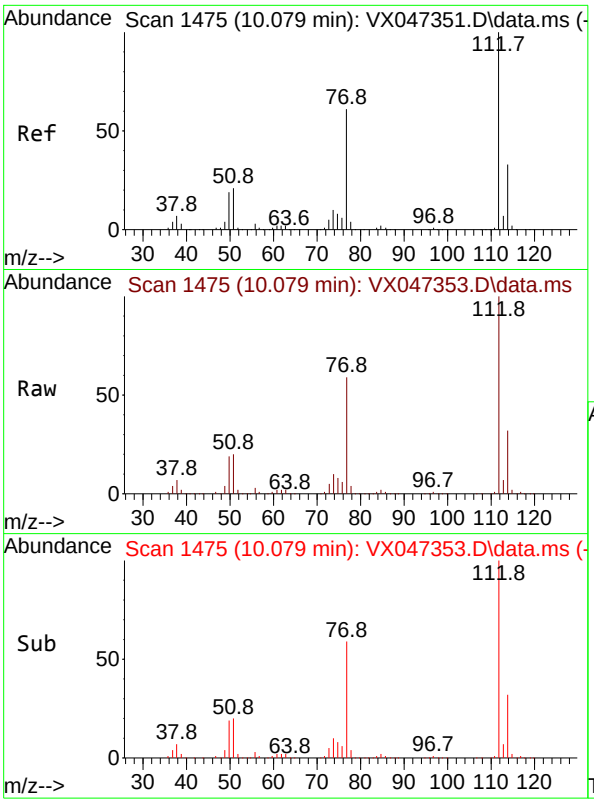


#64
Tetrachloroethene
Concen: 149.518 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion:164 Resp: 356989

Ion	Ratio	Lower	Upper
164	100		
166	123.0	100.3	150.5
129	96.8	77.7	116.5
131	95.0	74.8	112.2



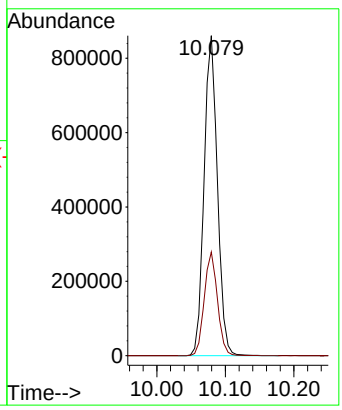


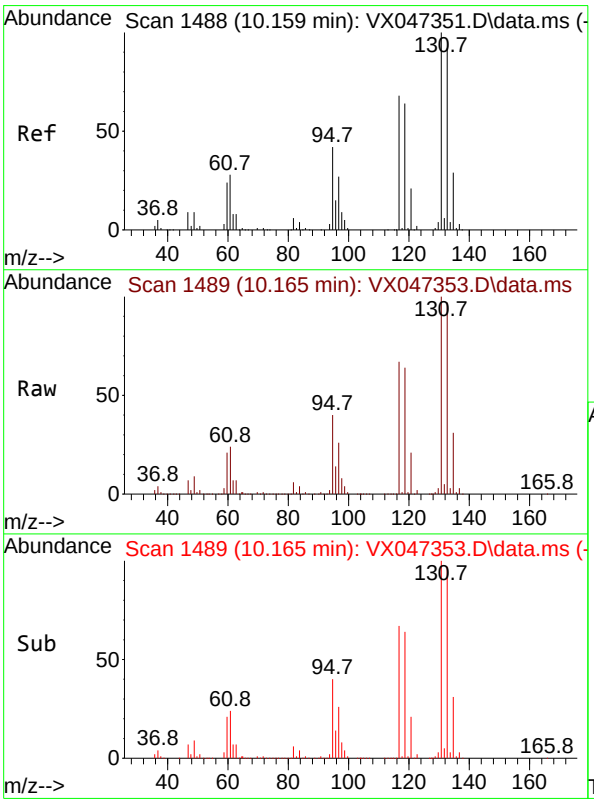
#65
Chlorobenzene
Concen: 148.370 ug/l
RT: 10.079 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:112 Resp: 1163848

Ion	Ratio	Lower	Upper
112	100		
114	32.4	26.4	39.6

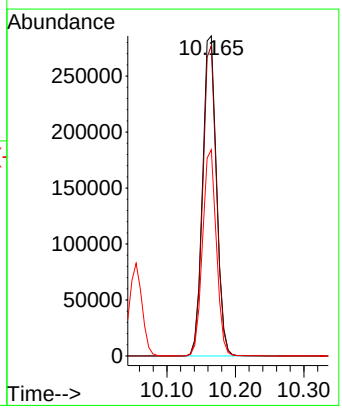


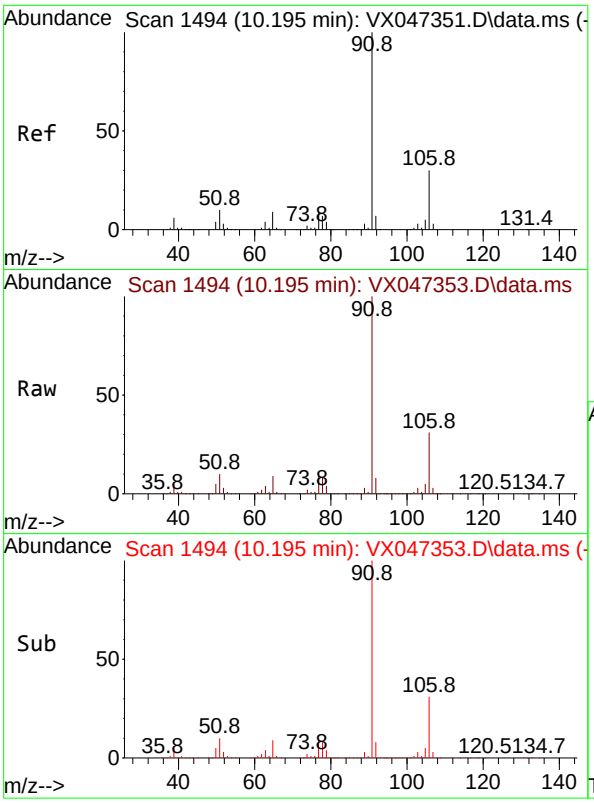


#66
1,1,1,2-Tetrachloroethane
Concen: 152.780 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion:131 Resp: 405123

Ion	Ratio	Lower	Upper
131	100		
133	95.4	47.6	142.9
119	63.9	32.3	96.8



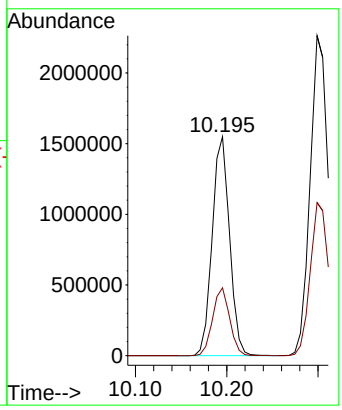


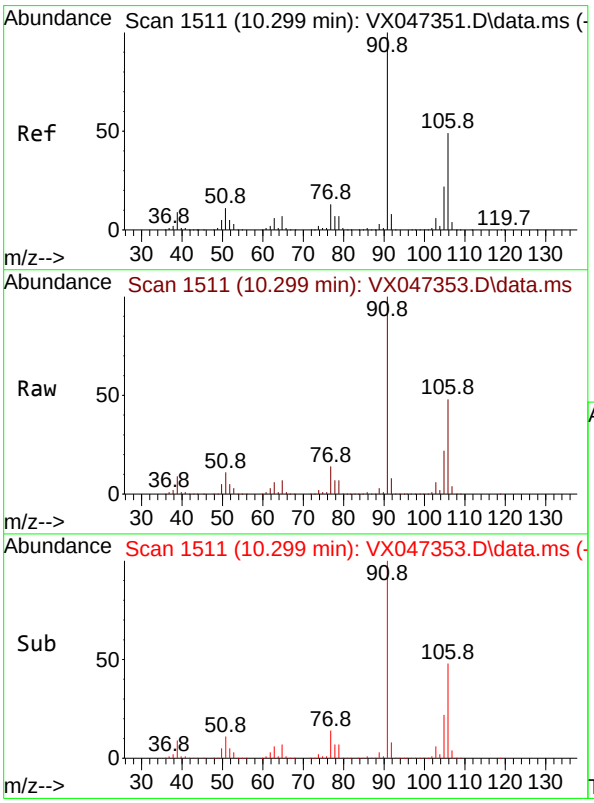
#67
Ethyl Benzene
Concen: 150.823 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 2036272

Ion	Ratio	Lower	Upper
91	100		
106	31.0	24.4	36.6

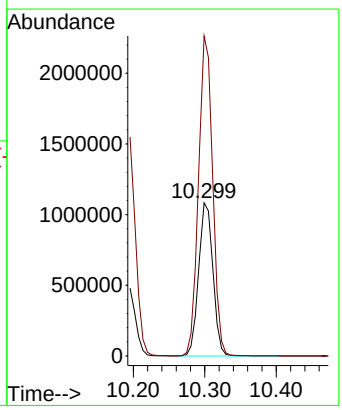


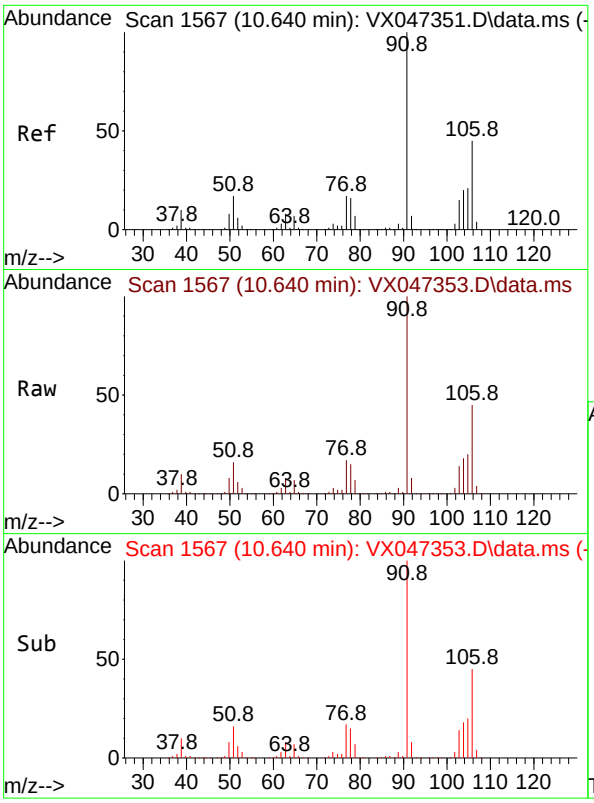


#68
m/p-Xylenes
Concen: 298.466 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion:106 Resp: 1502542

Ion	Ratio	Lower	Upper
106	100		
91	207.4	164.7	247.1



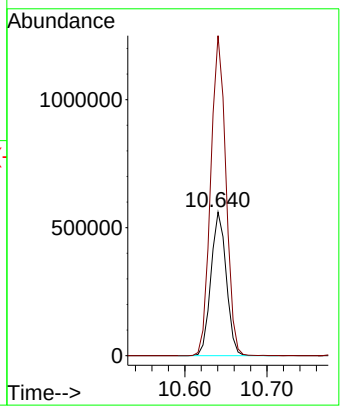


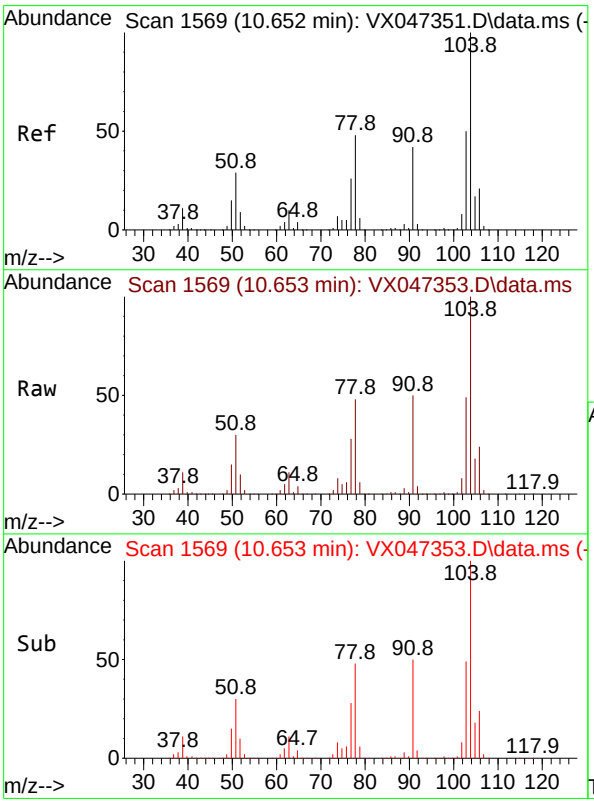
#69
o-Xylene
Concen: 149.683 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:106 Resp: 725154

Ion	Ratio	Lower	Upper
106	100		
91	221.6	110.6	331.8

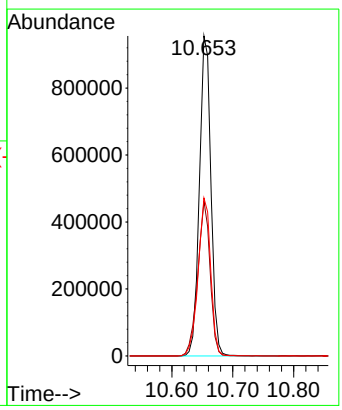


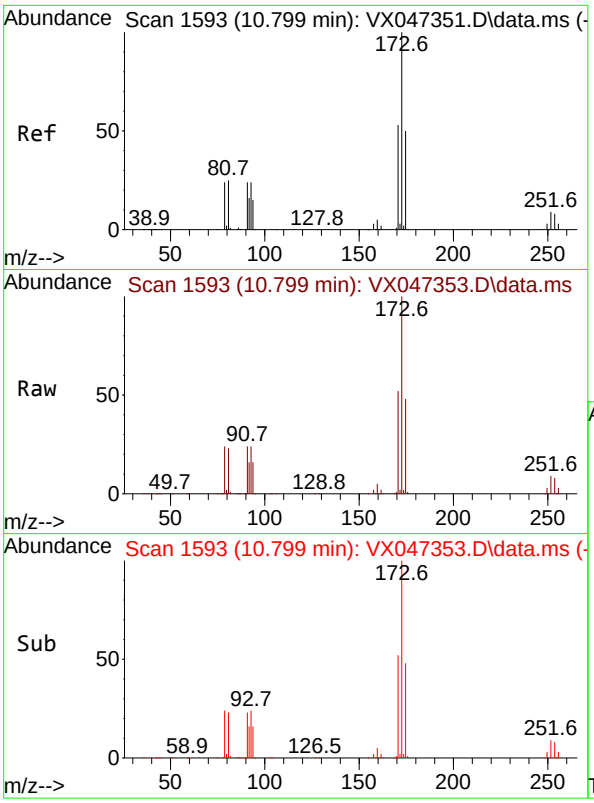


#70
Styrene
Concen: 153.150 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion:104 Resp: 1253652

Ion	Ratio	Lower	Upper
104	100		
78	52.1	41.8	62.8
103	53.9	43.6	65.4



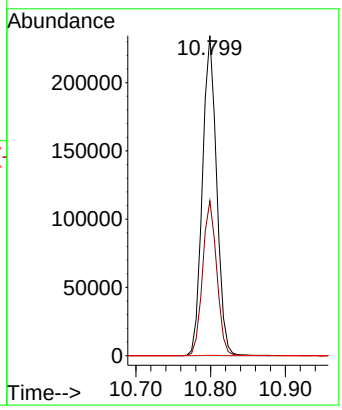


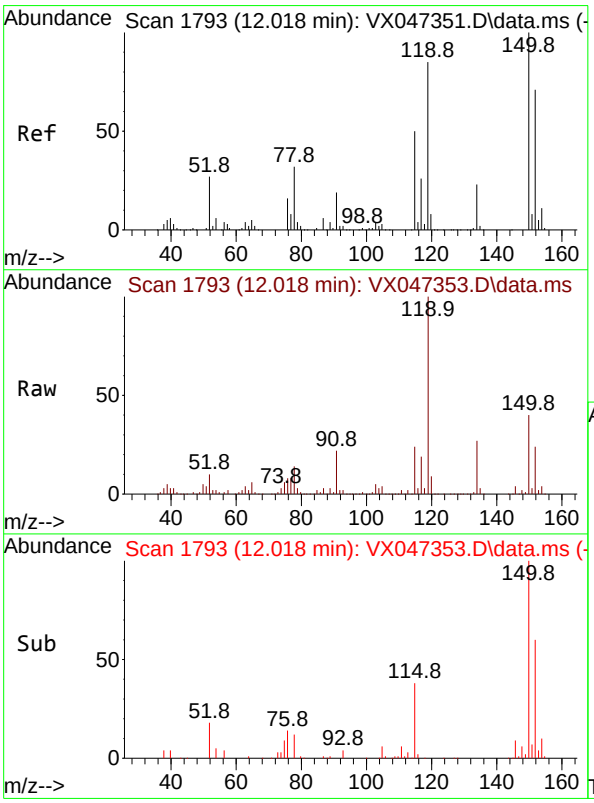
#71
Bromoform
Concen: 155.427 ug/l
RT: 10.799 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:173 Resp: 309626

Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.4	73.4
254	0.1	0.1	0.1#

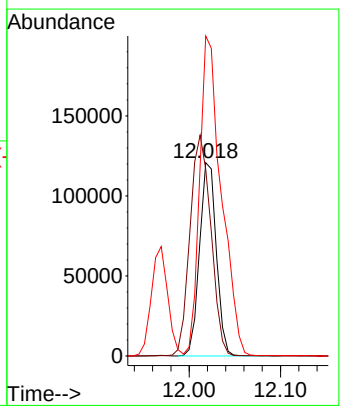


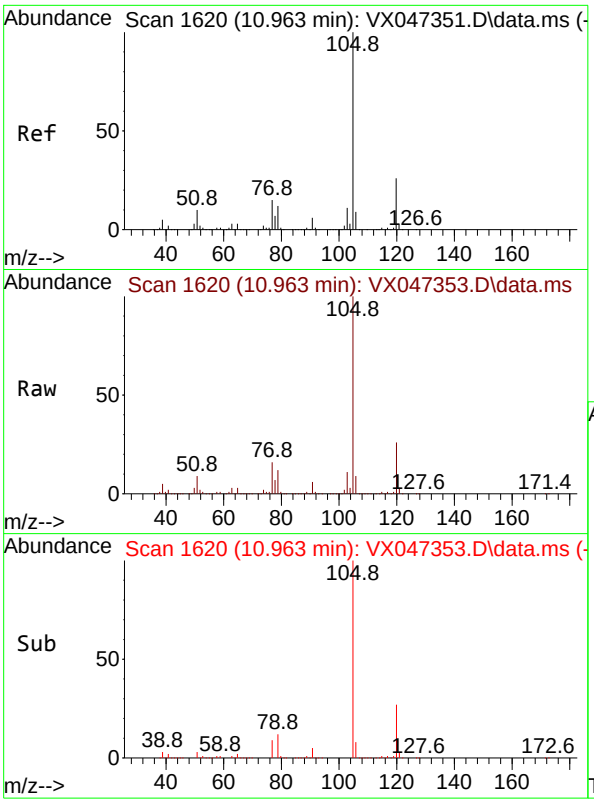


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion:152 Resp: 153878

Ion	Ratio	Lower	Upper
152	100		
115	142.6	44.6	133.8#
150	214.2	0.0	349.8



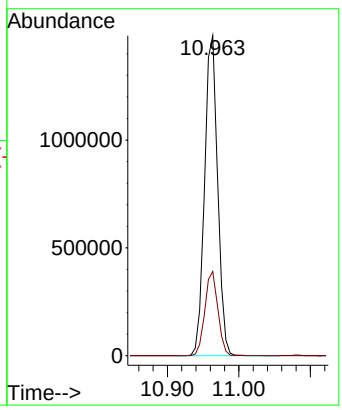


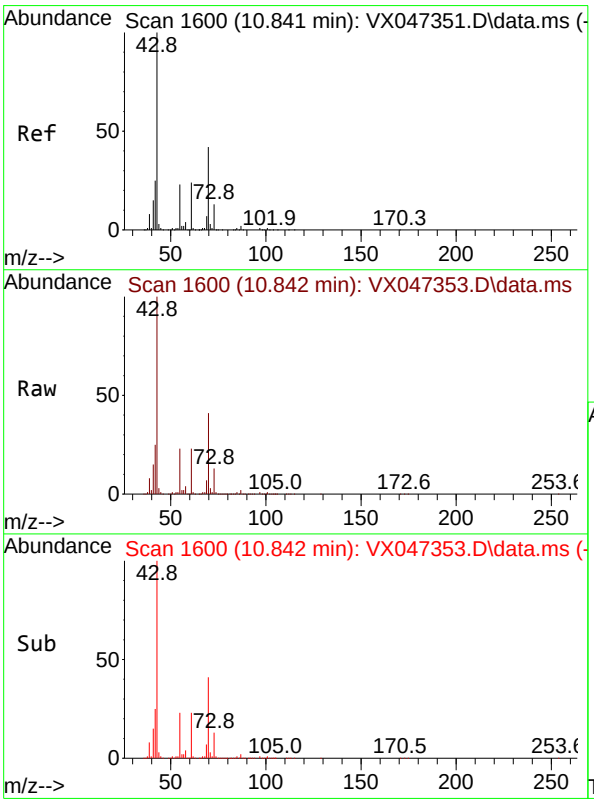
#73
Isopropylbenzene
Concen: 156.417 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:105 Resp: 1883521

Ion	Ratio	Lower	Upper
105	100		
120	26.2	12.9	38.6

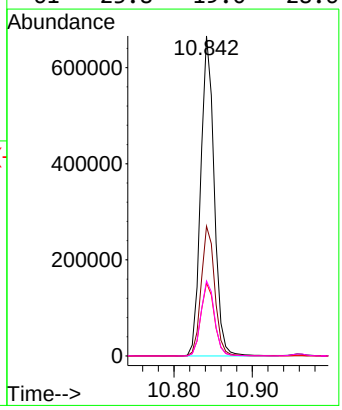


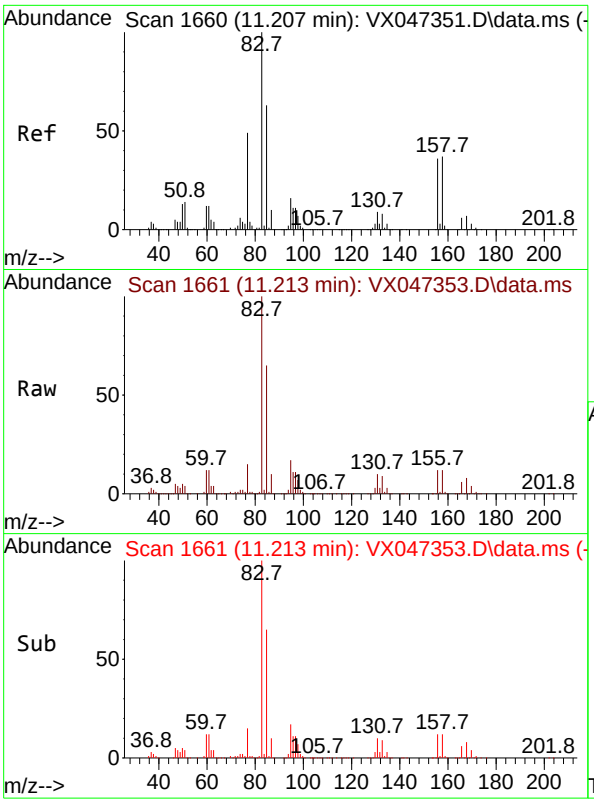


#74
N-amyl acetate
Concen: 172.791 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 43 Resp: 790124

Ion	Ratio	Lower	Upper
43	100		
70	41.1	33.1	49.7
55	23.3	19.0	28.6
61	23.8	19.0	28.6



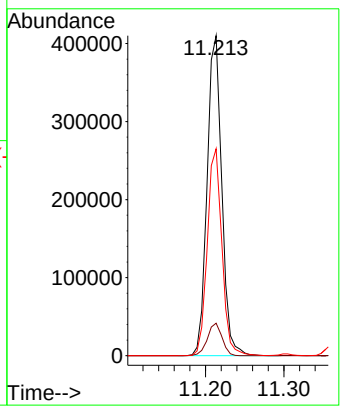


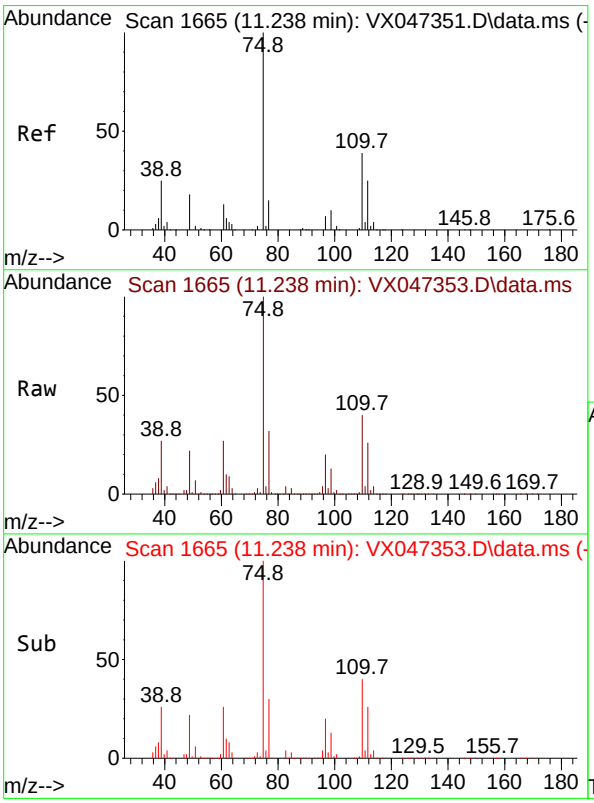
#75
1,1,2,2-Tetrachloroethane
Concen: 150.375 ug/l
RT: 11.213 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 531651

Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.0	15.0
85	64.4	31.7	95.1

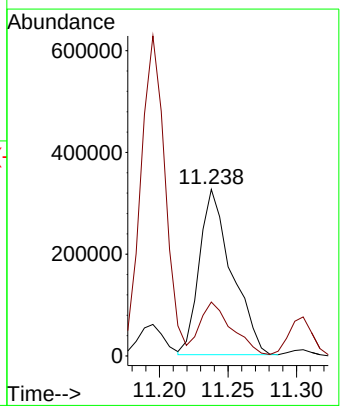


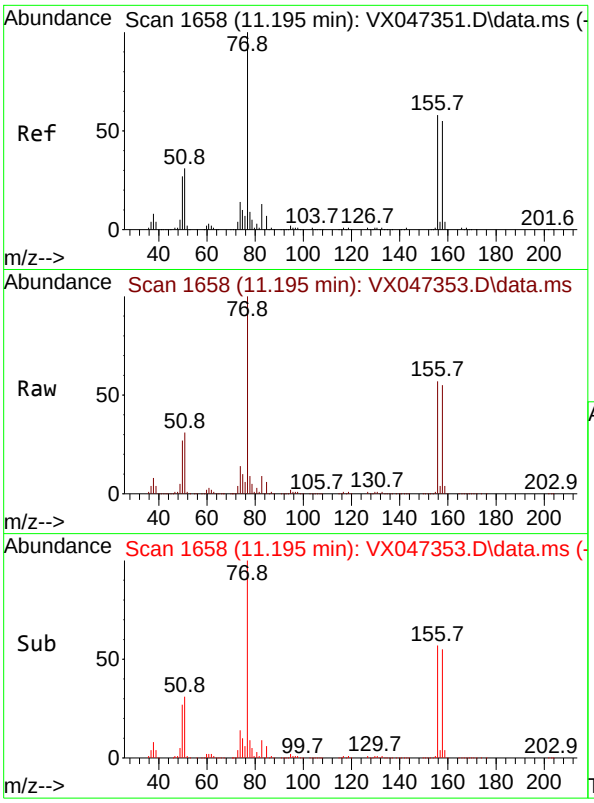


#76
1,2,3-Trichloropropane
Concen: 189.742 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 75 Resp: 535507

Ion	Ratio	Lower	Upper
75	100		
77	32.6	19.4	58.2



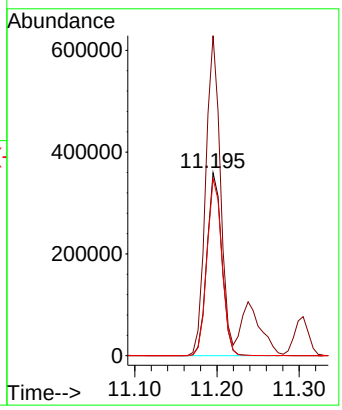


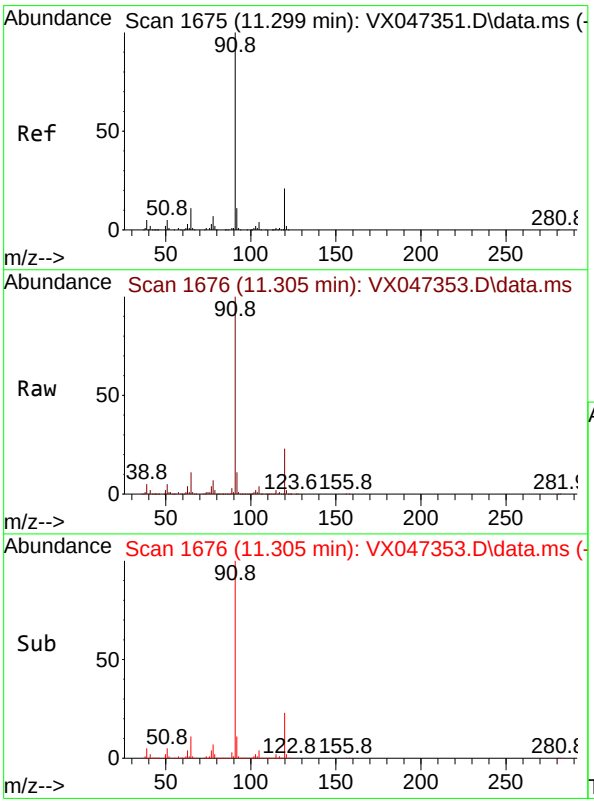
#77
Bromobenzene
Concen: 153.378 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:156 Resp: 451000

Ion	Ratio	Lower	Upper
156	100		
77	172.9	86.3	258.9
158	97.4	48.0	144.2

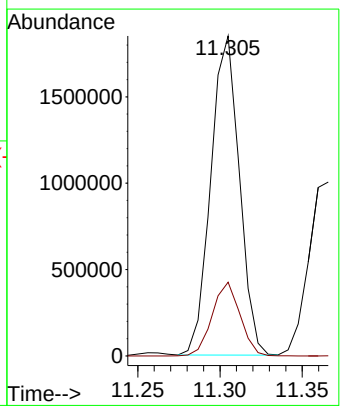


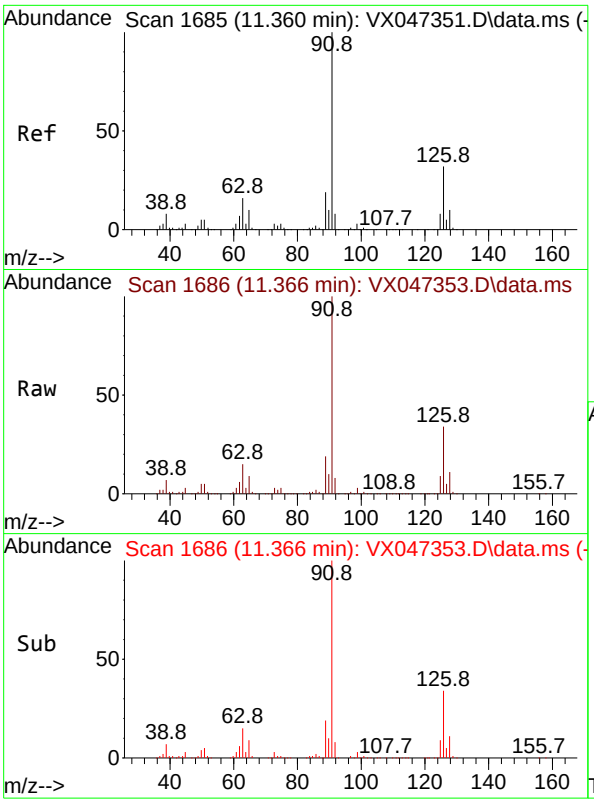


#78
n-propylbenzene
Concen: 155.473 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 91 Resp: 2235938

Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.0	33.0



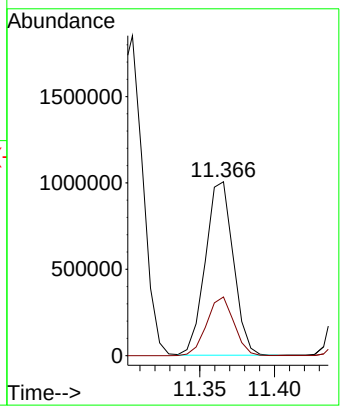


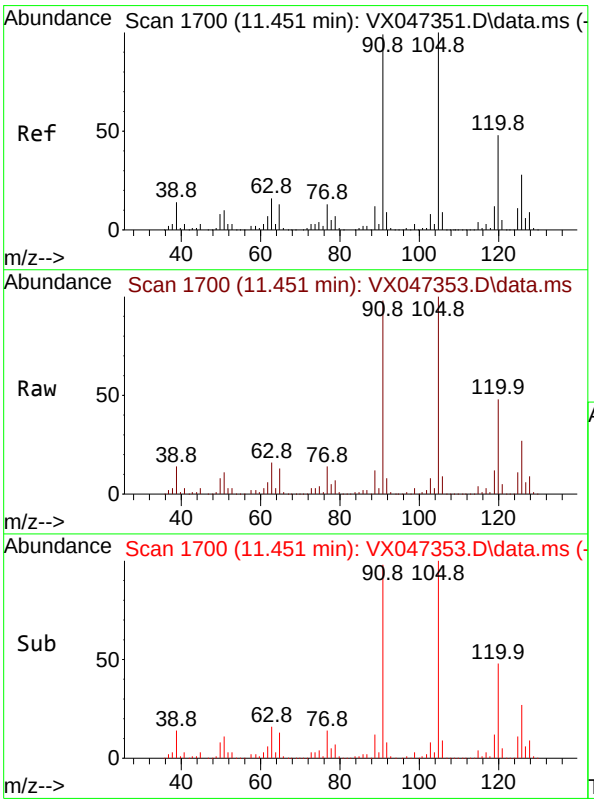
#79
2-Chlorotoluene
Concen: 150.272 ug/l
RT: 11.366 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 1306418

Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.7	50.1

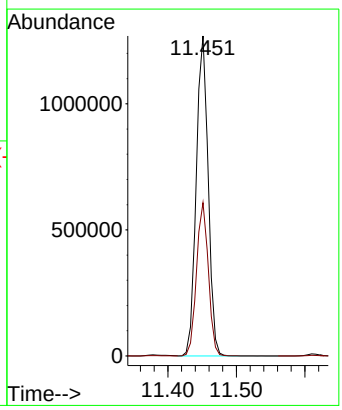


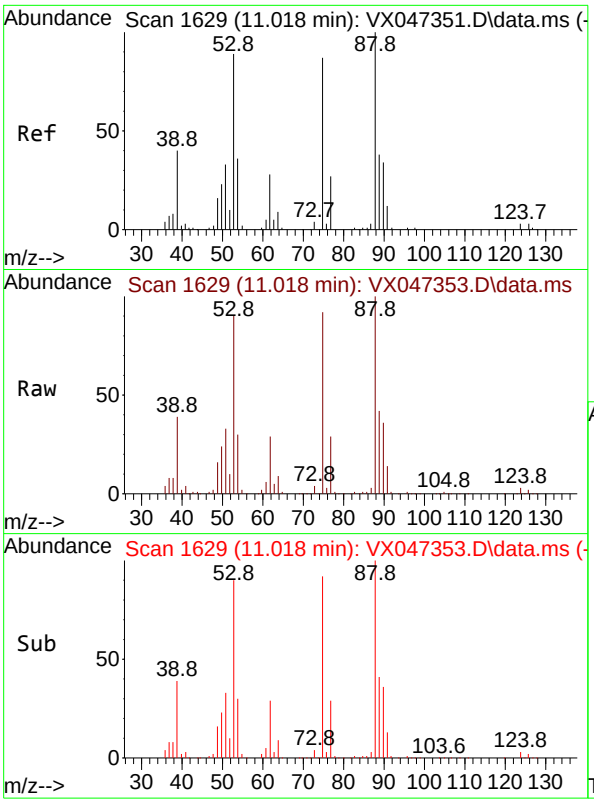


#80
1,3,5-Trimethylbenzene
Concen: 155.110 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion:105 Resp: 1536791

Ion	Ratio	Lower	Upper
105	100		
120	47.5	23.9	71.7



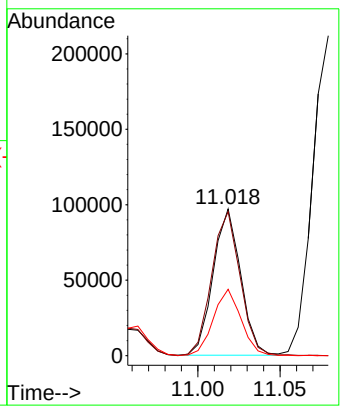


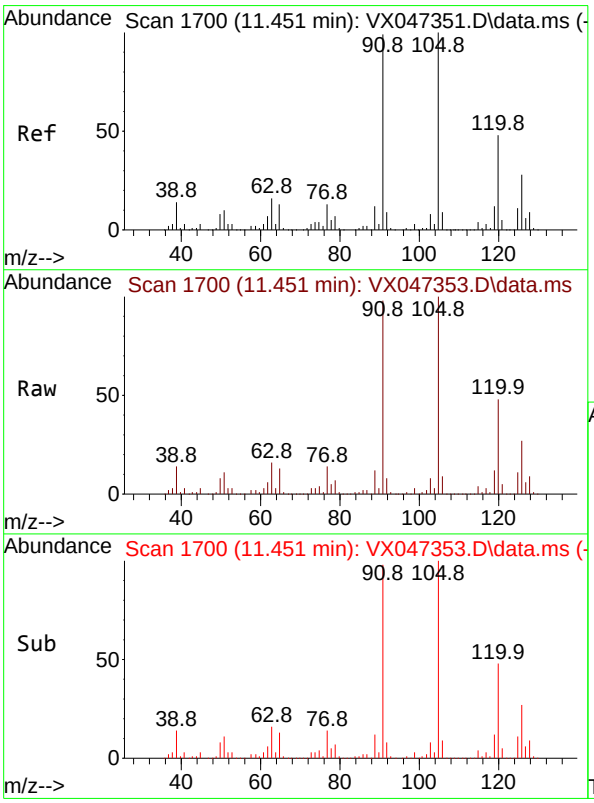
#81
trans-1,4-Dichloro-2-butene
Concen: 154.967 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 75 Resp: 113338

Ion	Ratio	Lower	Upper
75	100		
53	101.8	85.2	127.8
89	45.9	36.7	55.1

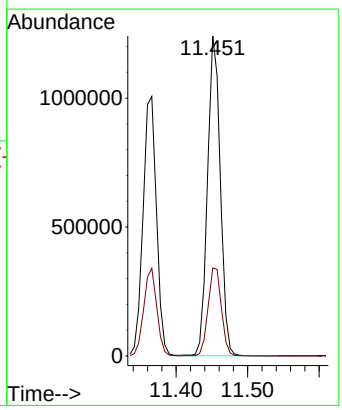


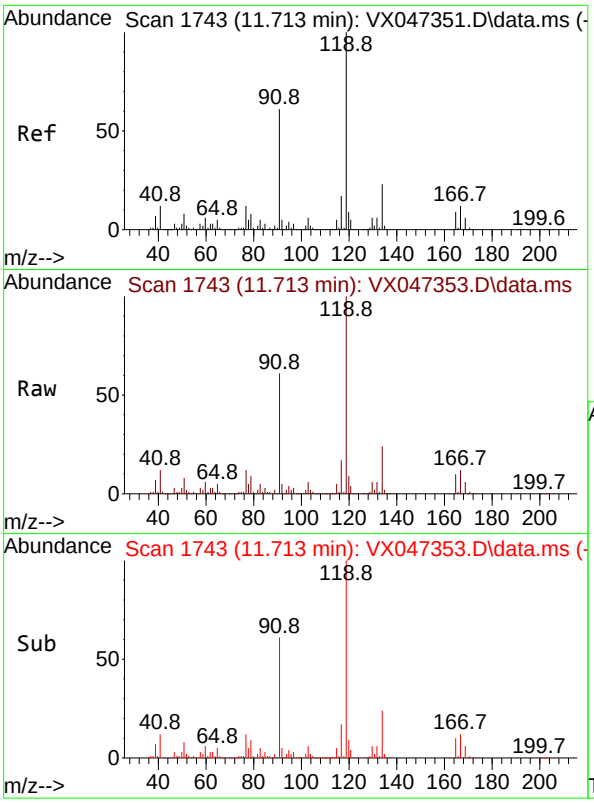


#82
4-Chlorotoluene
Concen: 150.376 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 91 Resp: 1541070

Ion	Ratio	Lower	Upper
91	100		
126	28.7	14.4	43.0



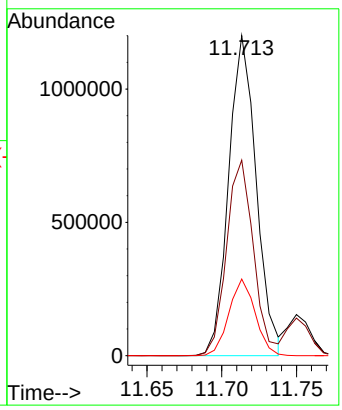


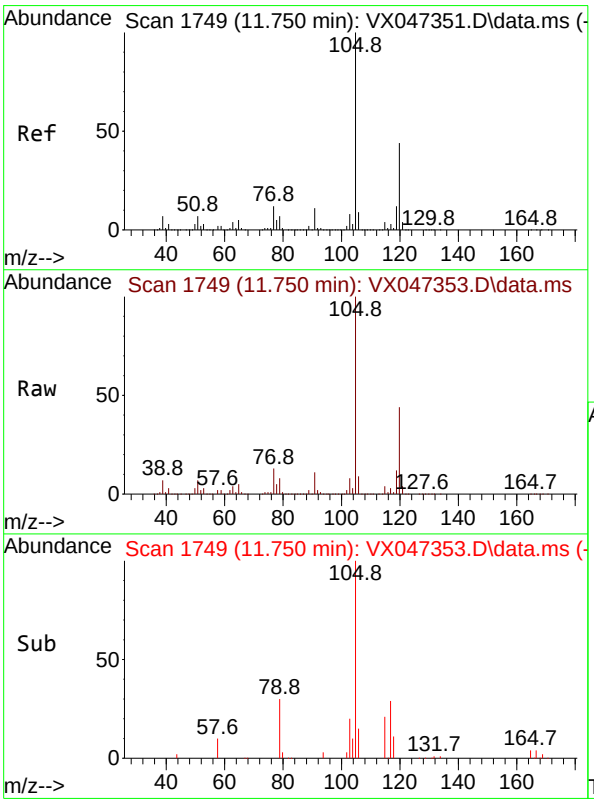
#83
tert-Butylbenzene
Concen: 156.062 ug/l
RT: 11.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:119 Resp: 1542621

Ion	Ratio	Lower	Upper
119	100		
91	59.8	29.1	87.4
134	22.8	11.3	33.9

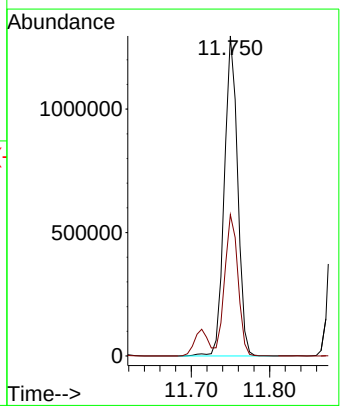


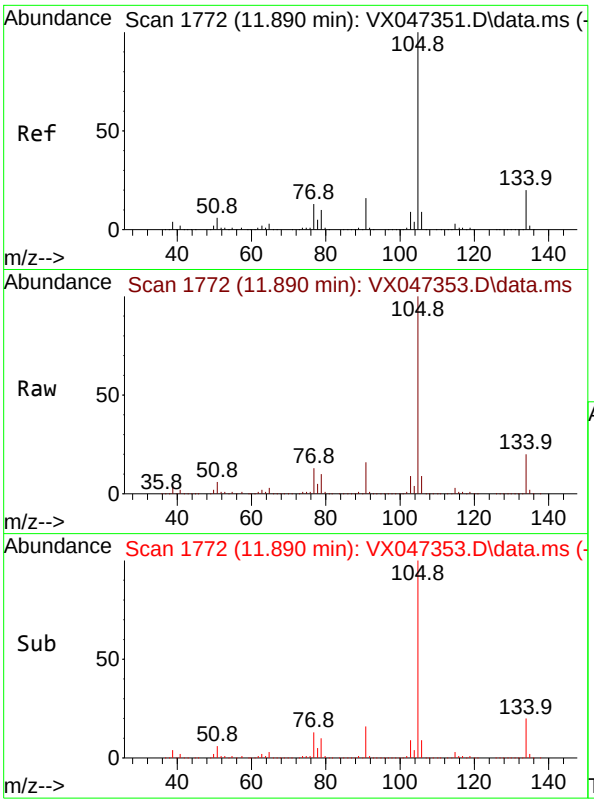


#84
1,2,4-Trimethylbenzene
Concen: 154.952 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion:105 Resp: 1535261

Ion	Ratio	Lower	Upper
105	100		
120	44.5	21.9	65.7



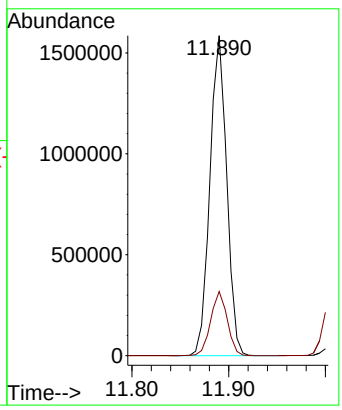


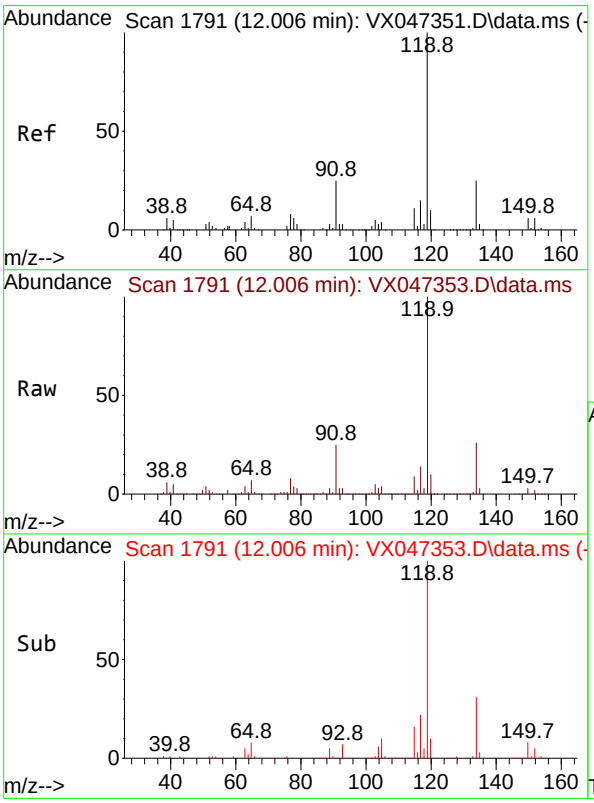
#85
sec-Butylbenzene
Concen: 156.078 ug/l
RT: 11.890 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:105 Resp: 1912224

Ion	Ratio	Lower	Upper
105	100		
134	19.8	9.8	29.5

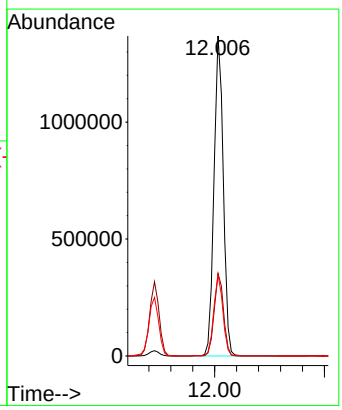


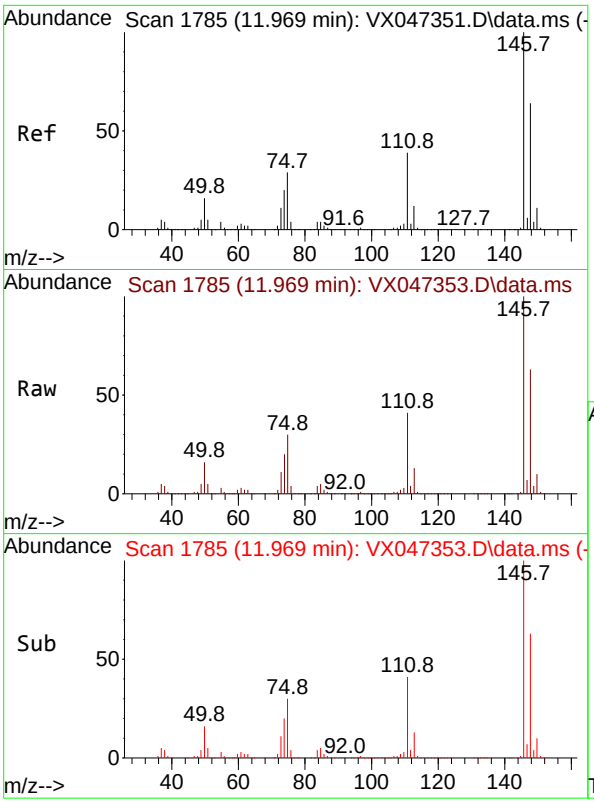


#86
p-Isopropyltoluene
Concen: 154.459 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion:119 Resp: 1601345

Ion	Ratio	Lower	Upper
119	100		
134	25.8	12.8	38.4
91	24.9	12.4	37.4



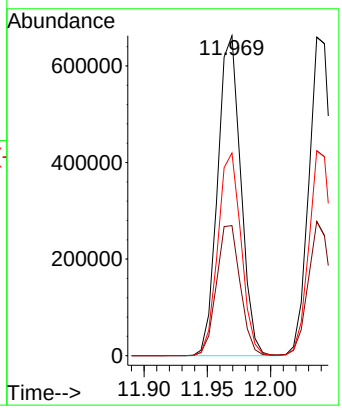


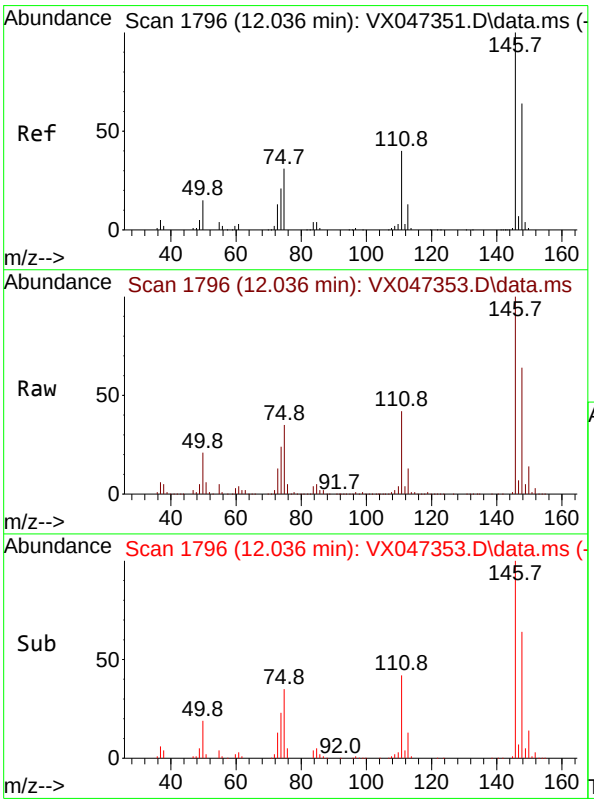
#87
1,3-Dichlorobenzene
Concen: 149.783 ug/l
RT: 11.969 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:146 Resp: 841394

Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.6	61.8
148	63.8	31.9	95.5

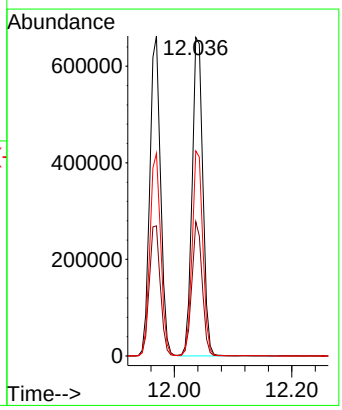


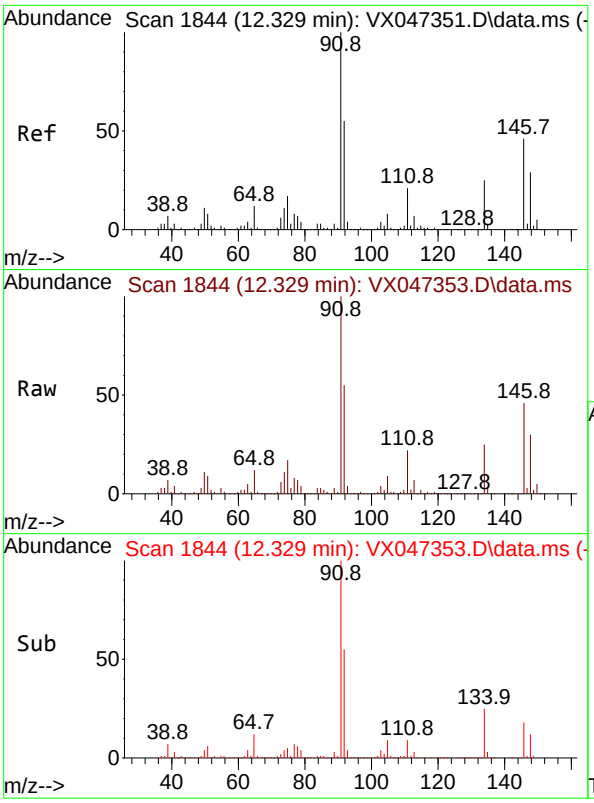


#88
1,4-Dichlorobenzene
Concen: 144.939 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion:146 Resp: 837395

Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.4	61.2
148	63.7	31.7	95.1



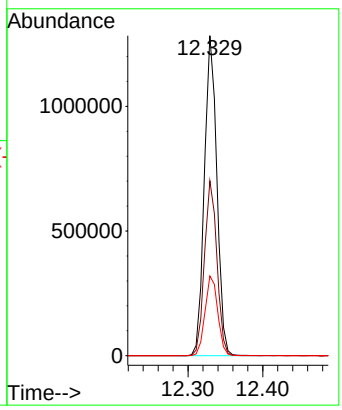


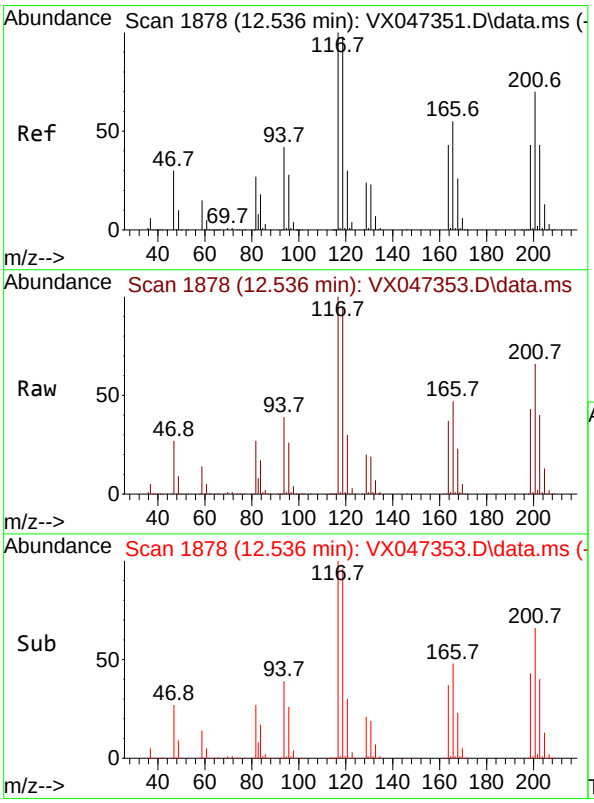
#89
n-Butylbenzene
Concen: 154.462 ug/l
RT: 12.329 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 1489473

Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.2	81.5
134	25.4	12.6	37.8

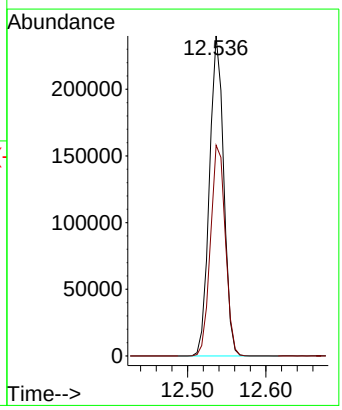


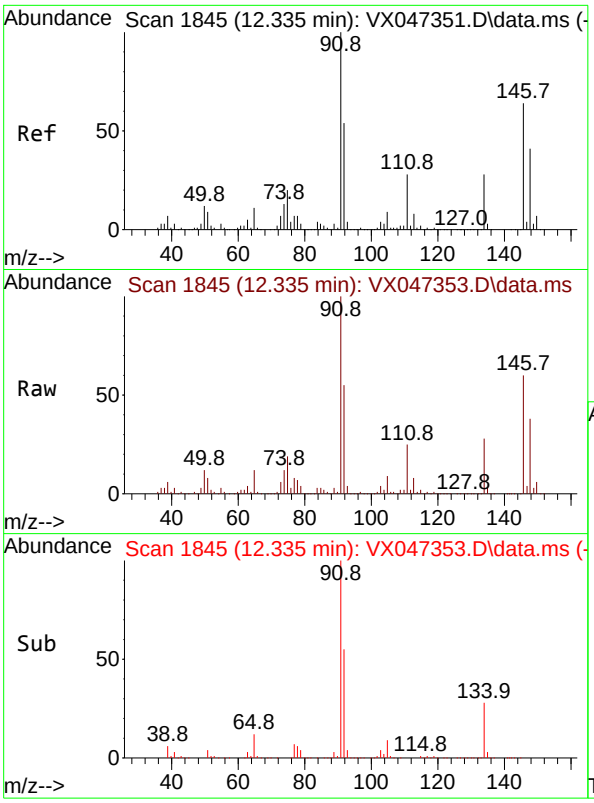


#90
Hexachloroethane
Concen: 166.757 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion:117 Resp: 303295

Ion	Ratio	Lower	Upper
117	100		
201	68.6	35.1	105.3



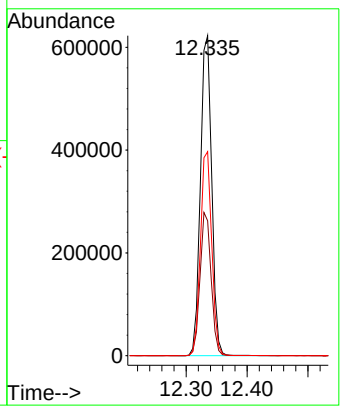


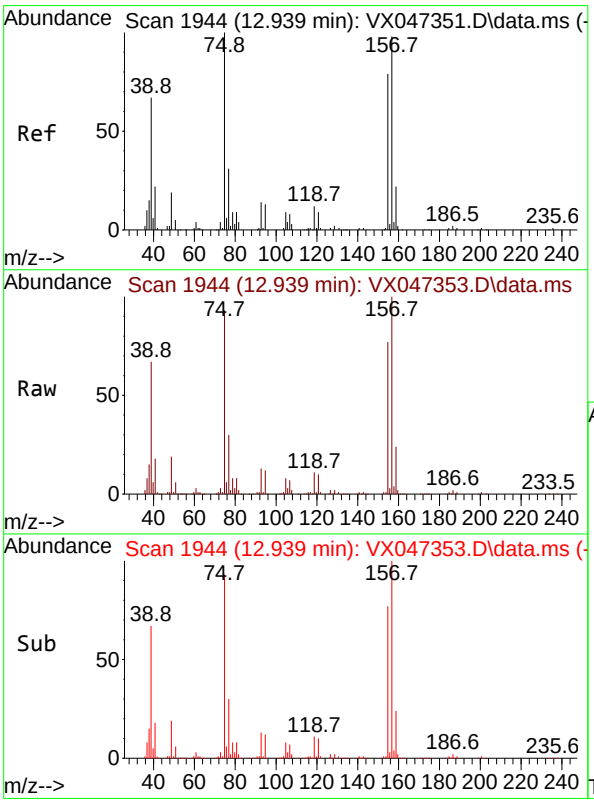
#91
1,2-Dichlorobenzene
Concen: 149.701 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:146 Resp: 798192

Ion	Ratio	Lower	Upper
146	100		
111	44.0	22.1	66.1
148	64.0	31.9	95.5

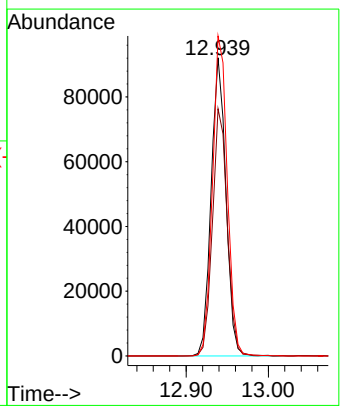


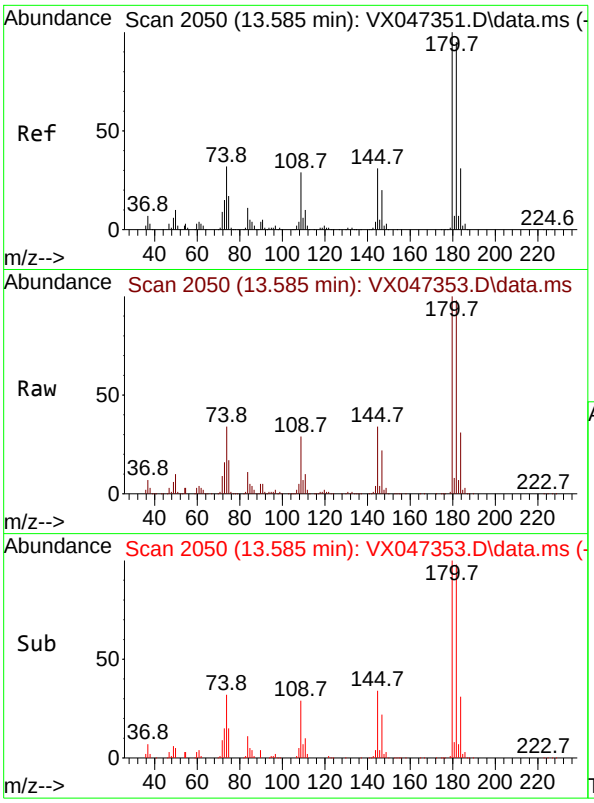


#92
1,2-Dibromo-3-Chloropropane
Concen: 168.342 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 75 Resp: 115101

Ion	Ratio	Lower	Upper
75	100		
155	82.7	41.3	123.7
157	107.8	51.5	154.5



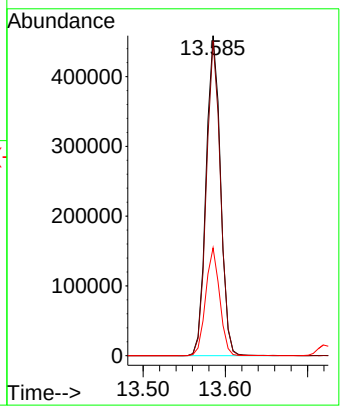


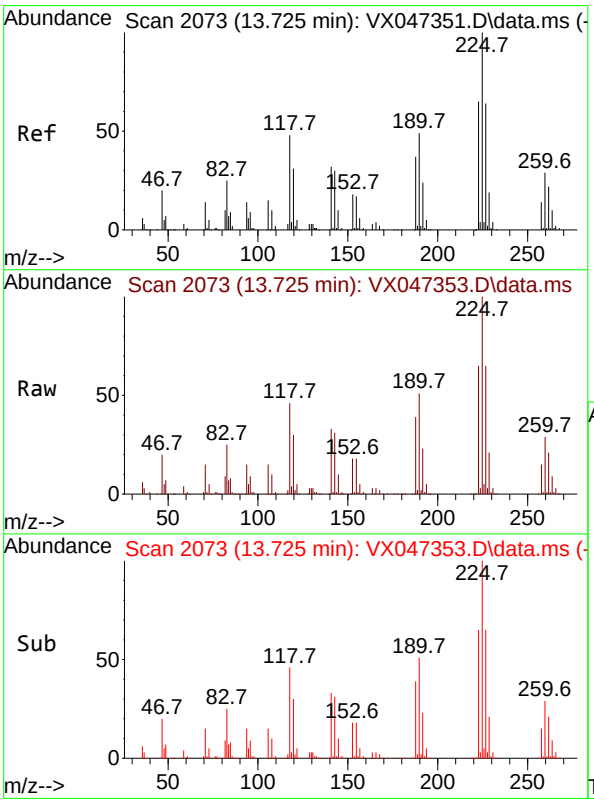
#93
1,2,4-Trichlorobenzene
Concen: 155.453 ug/l
RT: 13.585 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:180 Resp: 555658

Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.1	144.4
145	32.8	16.2	48.5

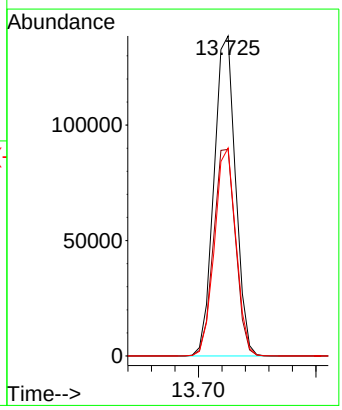


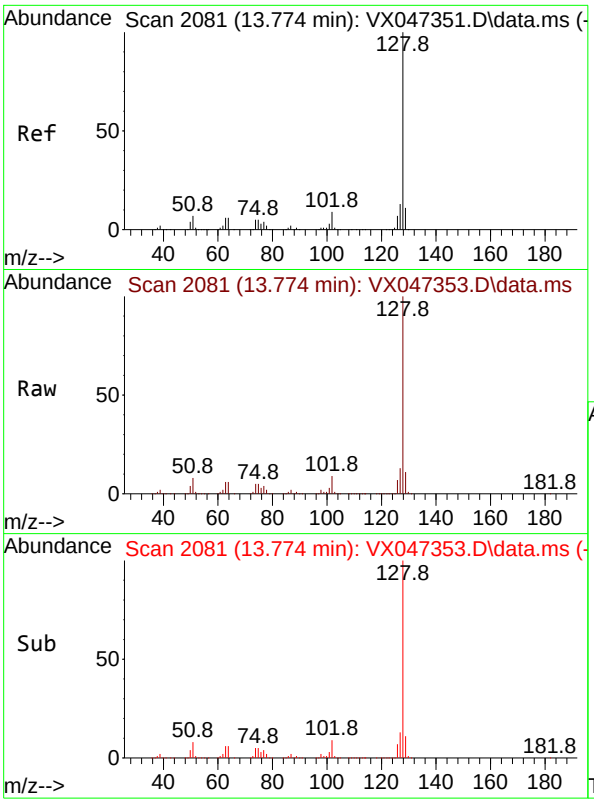


#94
Hexachlorobutadiene
Concen: 139.013 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion:225 Resp: 176870

Ion	Ratio	Lower	Upper
225	100		
223	66.0	32.2	96.6
227	64.6	31.6	95.0



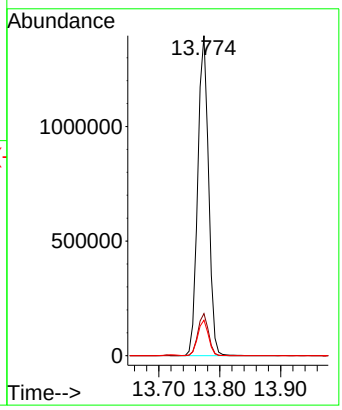


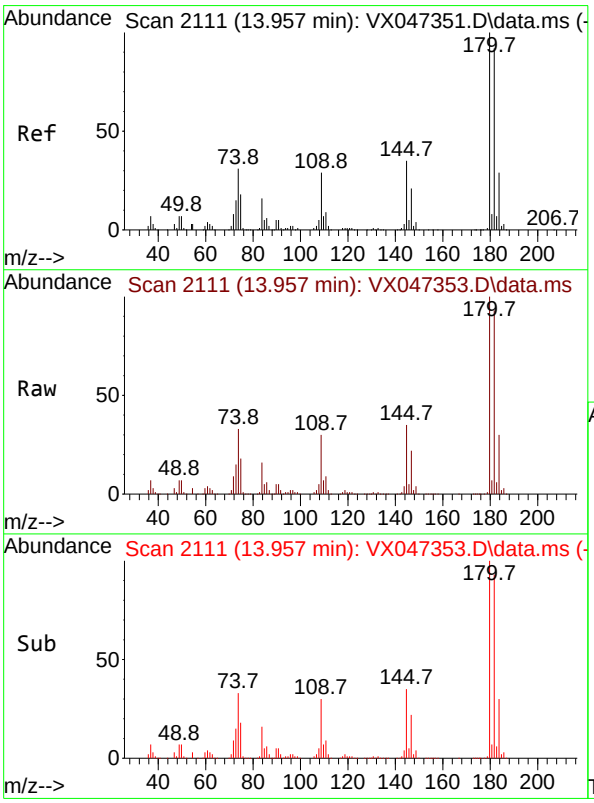
#95
Naphthalene
Concen: 167.959 ug/l
RT: 13.774 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:128 Resp: 1715681

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.1	15.1
129	11.0	8.7	13.1

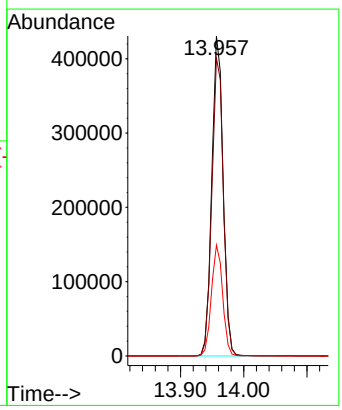




#96
1,2,3-Trichlorobenzene
Concen: 158.872 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion:180 Resp: 535287

Ion	Ratio	Lower	Upper
180	100		
182	94.5	48.0	144.2
145	34.4	17.4	52.2



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047356.D
Acq On : 15 Aug 2025 12:30
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VSTDICC001

Quant Time: Aug 18 02:56:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 02:51:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.562	168	286149	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.769	114	494689	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.055	117	456440	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	228745	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.970	65	11264	2.813	ug/l		0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	5.620%#			
35) Dibromofluoromethane	5.415	113	9078	2.828	ug/l		0.02
Spiked Amount 50.000	Range 75 - 124		Recovery =	5.660%#			
50) Toluene-d8	8.653	98	31338	2.731	ug/l		0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	5.460%#			
62) 4-Bromofluorobenzene	11.085	95	12800	3.023	ug/l		0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	6.040%#			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.184	85	3127	0.857	ug/l		94
3) Chloromethane	1.313	50	3143	0.958	ug/l		99
4) Vinyl Chloride	1.392	62	3606	0.876	ug/l	#	68
5) Bromomethane	1.636	94	2205	1.325	ug/l	#	79
6) Chloroethane	1.709	64	2950	1.171	ug/l		91
7) Trichlorofluoromethane	1.904	101	5369	0.881	ug/l		86
8) Diethyl Ether	2.148	74	1947	0.908	ug/l		77
9) 1,1,2-Trichlorotrifluo...	2.349	101	2830	0.801	ug/l	#	90
10) Methyl Iodide	2.477	142	7591	1.253	ug/l		98
11) Tert butyl alcohol	2.965	59	1464	4.202	ug/l	#	86
12) 1,1-Dichloroethene	2.337	96	3176	0.882	ug/l	#	84
13) Acrolein	2.257	56	2834	3.853	ug/l		100
14) Allyl chloride	2.684	41	4788	0.765	ug/l		91
15) Acrylonitrile	3.087	53	7106	4.221	ug/l		89
16) Acetone	2.392	43	7123	4.732	ug/l		91
17) Carbon Disulfide	2.532	76	11842	1.089	ug/l	#	93
18) Methyl Acetate	2.721	43	3556	0.912	ug/l	#	84
19) Methyl tert-butyl Ether	3.129	73	8892	0.811	ug/l		95
20) Methylene Chloride	2.812	84	3953	0.992	ug/l		88
21) trans-1,2-Dichloroethene	3.111	96	3552	0.929	ug/l	#	87
22) Diisopropyl ether	3.782	45	9930	0.803	ug/l		96
23) Vinyl Acetate	3.751	43	40393	3.984	ug/l	#	90
24) 1,1-Dichloroethane	3.629	63	6019	0.861	ug/l	#	85
25) 2-Butanone	4.605	43	8214	4.166	ug/l	#	87
26) 2,2-Dichloropropane	4.489	77	4442	0.842	ug/l		80
27) cis-1,2-Dichloroethene	4.513	96	3960	0.889	ug/l		88
28) Bromochloromethane	4.934	49	2750	0.945	ug/l	#	89
29) Tetrahydrofuran	5.044	42	2006	1.574	ug/l		92
30) Chloroform	5.117	83	6246	0.875	ug/l		86
31) Cyclohexane	5.482	56	5414	0.840	ug/l		94
32) 1,1,1-Trichloroethane	5.415	97	4939	0.804	ug/l	#	49
36) 1,1-Dichloropropene	5.708	75	4692	0.926	ug/l		94
37) Ethyl Acetate	4.757	43	3124	0.594	ug/l	#	90
38) Carbon Tetrachloride	5.696	117	5100	0.921	ug/l		92
39) Methylcyclohexane	7.391	83	5884	0.931	ug/l		88
40) Benzene	6.056	78	12977	0.855	ug/l		92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047356.D
Acq On : 15 Aug 2025 12:30
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Quant Time: Aug 18 02:56:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 02:51:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.958	41	1043	0.470	ug/l	#	80
42) 1,2-Dichloroethane	6.123	62	4784	0.890	ug/l		88
43) Isopropyl Acetate	6.366	43	6382	0.844	ug/l	#	81
44) Trichloroethene	7.141	130	3329	0.857	ug/l		87
45) 1,2-Dichloropropane	7.446	63	3532	0.929	ug/l	#	88
46) Dibromomethane	7.592	93	2453	0.889	ug/l		94
47) Bromodichloromethane	7.830	83	5078	0.888	ug/l	#	98
48) Methyl methacrylate	7.720	41	2812	0.717	ug/l		98
49) 1,4-Dioxane	7.708	88	424	11.380	ug/l	#	72
51) 4-Methyl-2-Pentanone	8.586	43	17109	3.933	ug/l		96
52) Toluene	8.726	92	7930	0.846	ug/l		99
53) t-1,3-Dichloropropene	8.988	75	3671	0.735	ug/l		91
54) cis-1,3-Dichloropropene	8.378	75	4466	0.790	ug/l		94
55) 1,1,2-Trichloroethane	9.159	97	3095	0.870	ug/l		97
56) Ethyl methacrylate	9.128	69	4003	0.763	ug/l		94
57) 1,3-Dichloropropane	9.311	76	5471	0.902	ug/l		94
58) 2-Chloroethyl Vinyl ether	8.256	63	5074	10.313	ug/l		95
59) 2-Hexanone	9.439	43	11811	3.926	ug/l		92
60) Dibromochloromethane	9.524	129	3776	0.893	ug/l		87
61) 1,2-Dibromoethane	9.616	107	3325	0.906	ug/l		94
64) Tetrachloroethene	9.274	164	2888	0.875	ug/l		94
65) Chlorobenzene	10.079	112	9799	0.903	ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.165	131	3146	0.858	ug/l	#	65
67) Ethyl Benzene	10.195	91	15680	0.840	ug/l		90
68) m/p-Xylenes	10.305	106	11714	1.683	ug/l		98
69) o-Xylene	10.640	106	5943	0.887	ug/l		93
70) Styrene	10.664	104	8294	0.733	ug/l		91
71) Bromoform	10.805	173	2201	0.799	ug/l	#	94
73) Isopropylbenzene	10.963	105	14688	0.821	ug/l		94
74) N-amyl acetate	10.853	43	4792	0.705	ug/l	#	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	4778	0.909	ug/l		97
76) 1,2,3-Trichloropropane	11.244	75	4507	1.074	ug/l		81
77) Bromobenzene	11.201	156	3648	0.835	ug/l		92
78) n-propylbenzene	11.305	91	17866	0.836	ug/l		100
79) 2-Chlorotoluene	11.366	91	11644	0.901	ug/l		93
80) 1,3,5-Trimethylbenzene	11.451	105	12427	0.844	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.024	75	351	8.171	ug/l	#	60
82) 4-Chlorotoluene	11.457	91	13922	0.914	ug/l		97
83) tert-Butylbenzene	11.713	119	12162	0.828	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	11509	0.781	ug/l		99
85) sec-Butylbenzene	11.890	105	14973	0.822	ug/l		97
86) p-Isopropyltoluene	12.012	119	13546	0.879	ug/l		95
87) 1,3-Dichlorobenzene	11.975	146	7821	0.937	ug/l		97
88) 1,4-Dichlorobenzene	11.975	146	7821	0.911	ug/l		97
89) n-Butylbenzene	12.335	91	12883	0.899	ug/l		97
90) Hexachloroethane	12.536	117	2421	0.895	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	7461	0.941	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	876	0.862	ug/l		96
93) 1,2,4-Trichlorobenzene	13.591	180	5232	0.985	ug/l		99
94) Hexachlorobutadiene	13.725	225	2573	1.360	ug/l		95
95) Naphthalene	13.780	128	12231	0.805	ug/l		97
96) 1,2,3-Trichlorobenzene	13.957	180	4918	0.982	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047356.D
Acq On : 15 Aug 2025 12:30
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Quant Time: Aug 18 02:56:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 02:51:35 2025
Response via : Initial Calibration

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

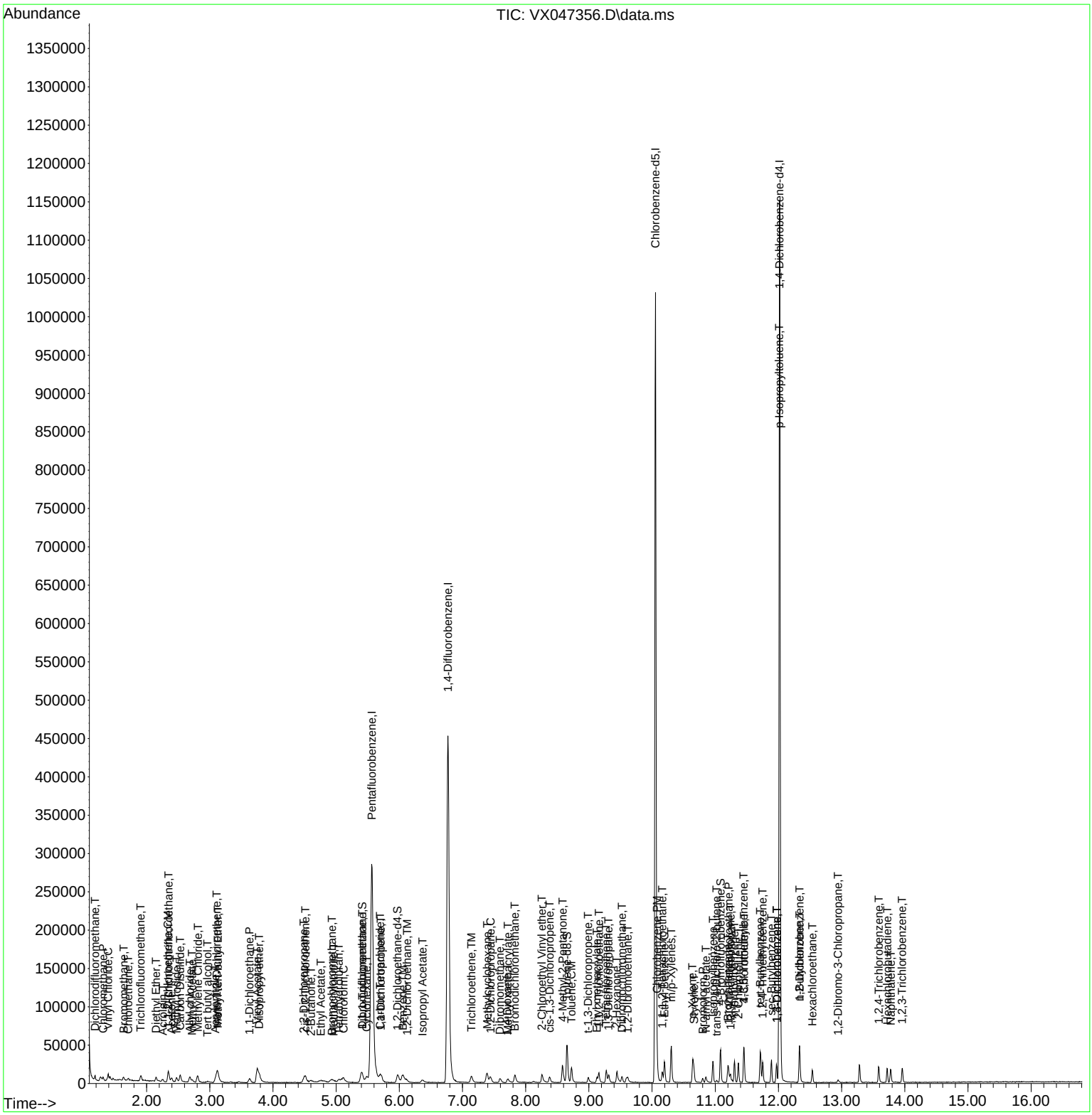
(#) = qualifier out of range (m) = manual integration (+) = signals summed

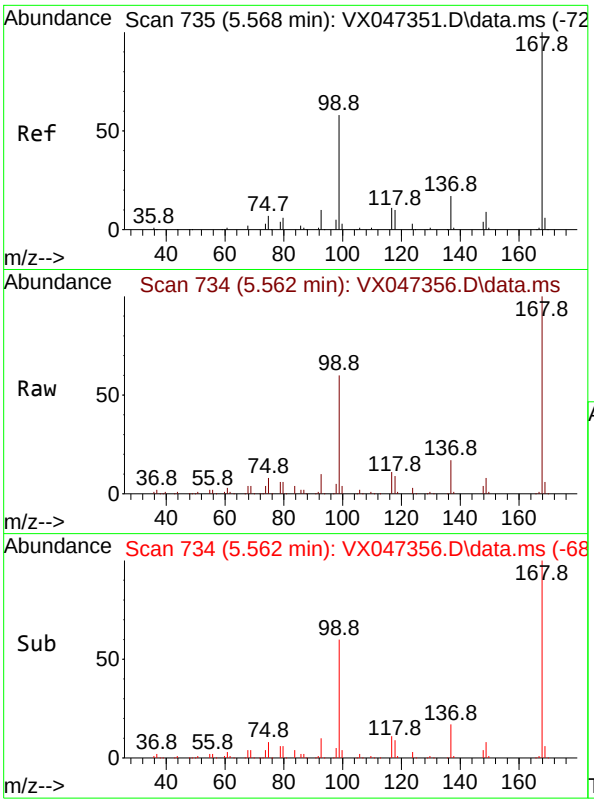
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047356.D
Acq On : 15 Aug 2025 12:30
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Quant Time: Aug 18 02:56:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 02:51:35 2025
Response via : Initial Calibration



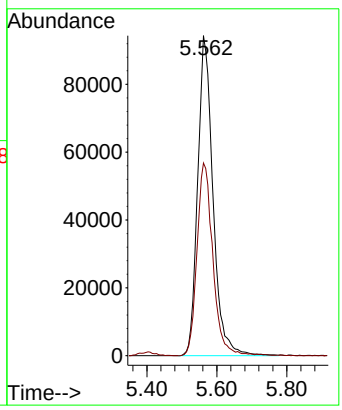


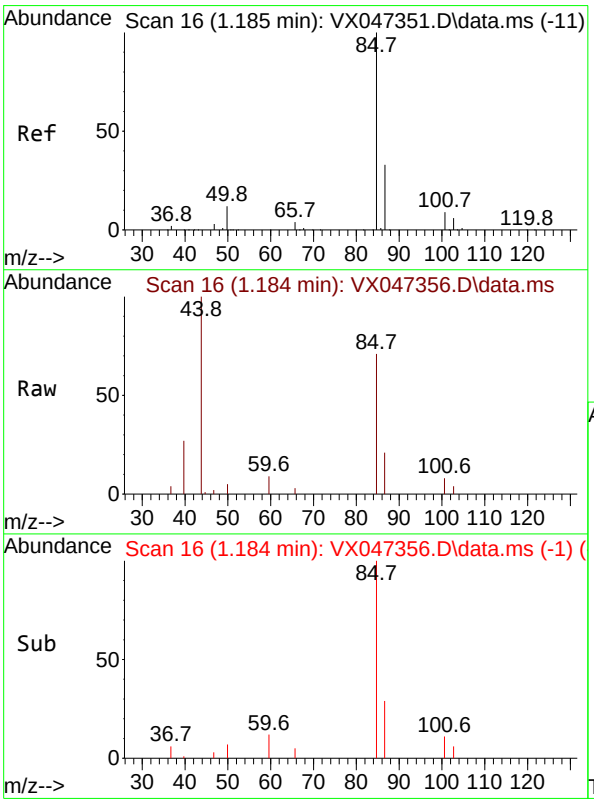
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:168 Resp: 286149

Ion	Ratio	Lower	Upper
168	100		
99	60.2	47.9	71.9

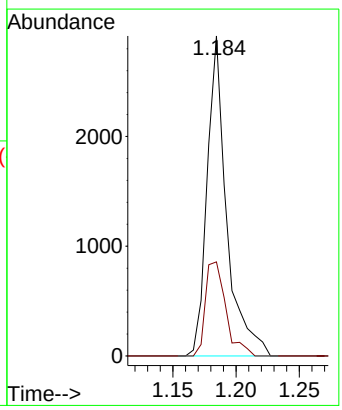


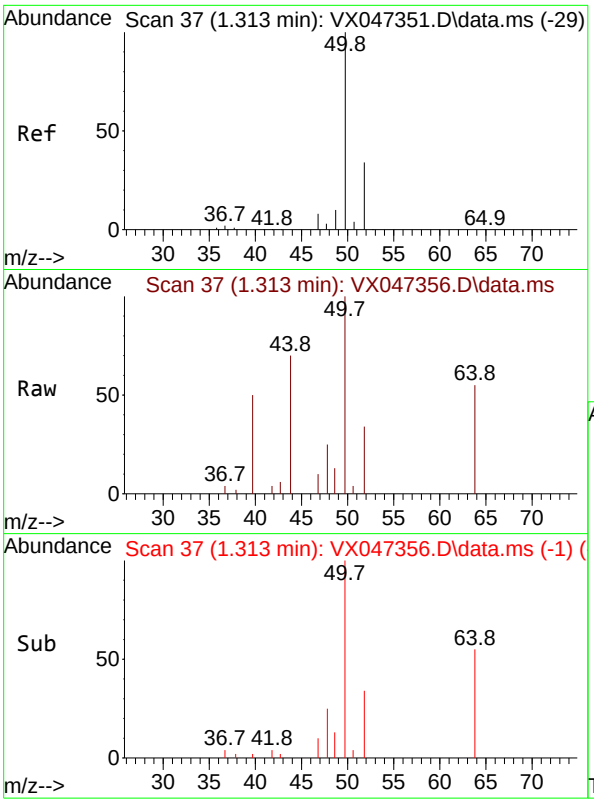


#2
Dichlorodifluoromethane
Concen: 0.857 ug/l
RT: 1.184 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 85 Resp: 3127

Ion	Ratio	Lower	Upper
85	100		
87	29.4	16.4	49.1



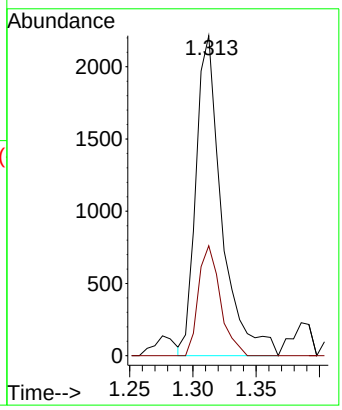


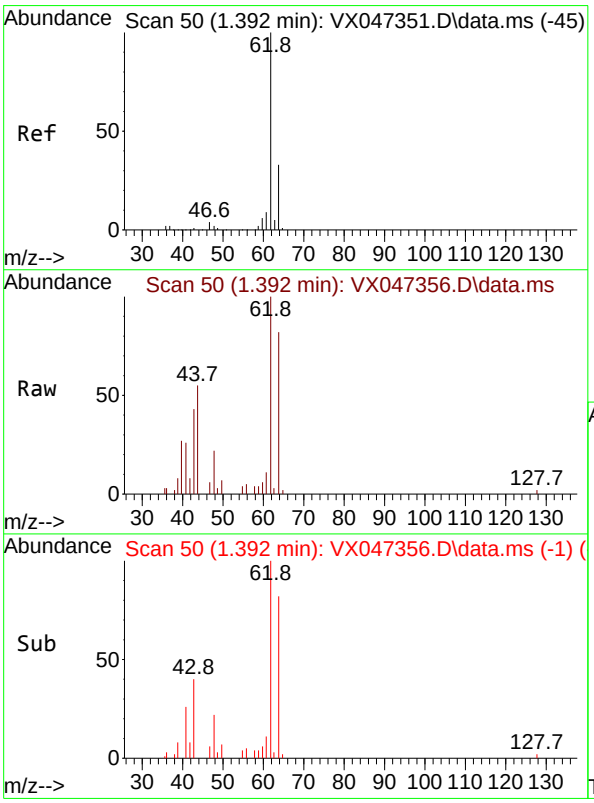
#3
Chloromethane
Concen: 0.958 ug/l
RT: 1.313 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 50 Resp: 3143

Ion	Ratio	Lower	Upper
50	100		
52	32.9	27.0	40.4

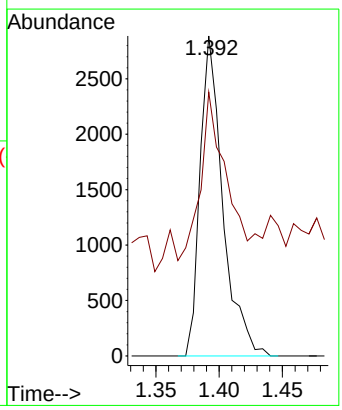


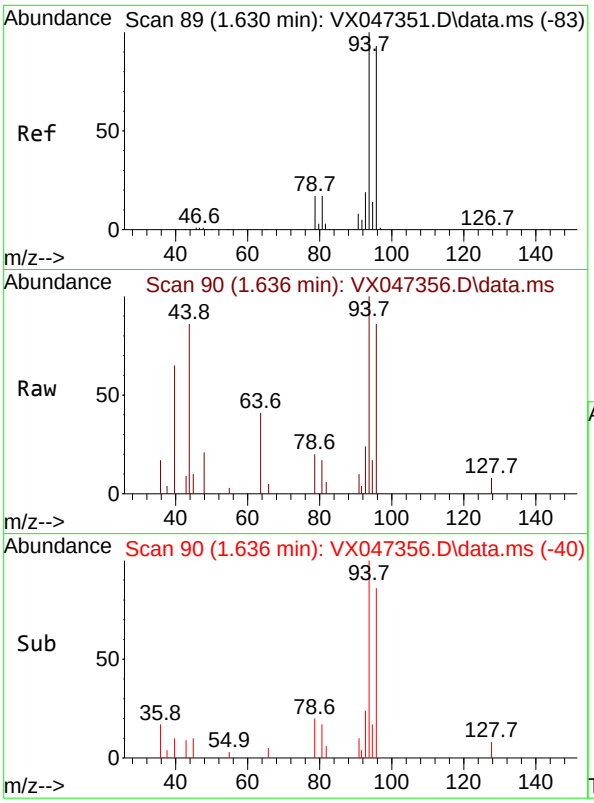


#4
Vinyl Chloride
Concen: 0.876 ug/l
RT: 1.392 min Scan# 50
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 62 Resp: 3606

Ion	Ratio	Lower	Upper
62	100		
64	51.3	26.5	39.7#



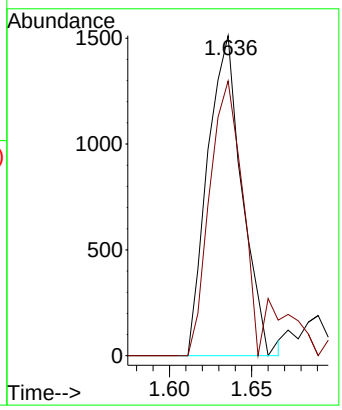


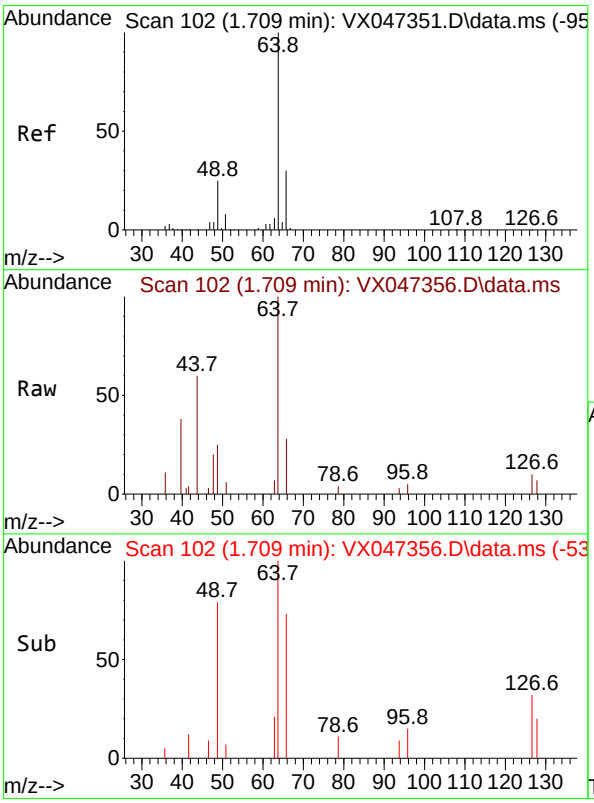
#5
Bromomethane
Concen: 1.325 ug/l
RT: 1.636 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 94 Resp: 2205

Ion	Ratio	Lower	Upper
94	100		
96	73.3	74.7	112.1#

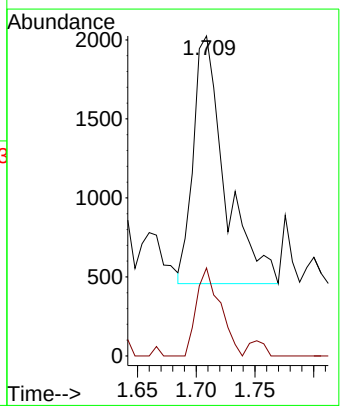


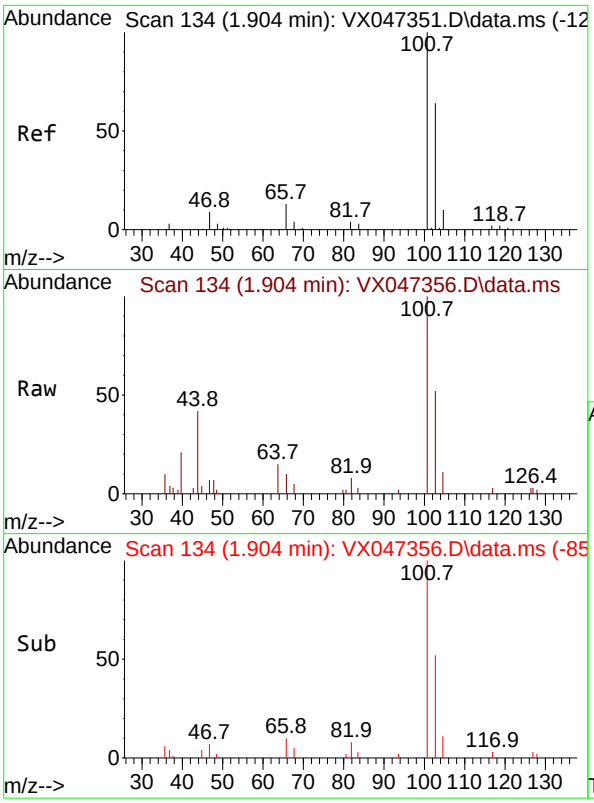


#6
Chloroethane
Concen: 1.171 ug/l
RT: 1.709 min Scan# 102
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 64 Resp: 2950

Ion	Ratio	Lower	Upper
64	100		
66	35.5	24.4	36.6



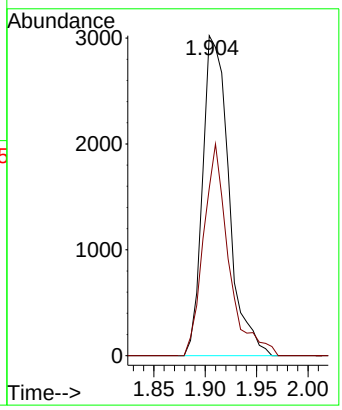


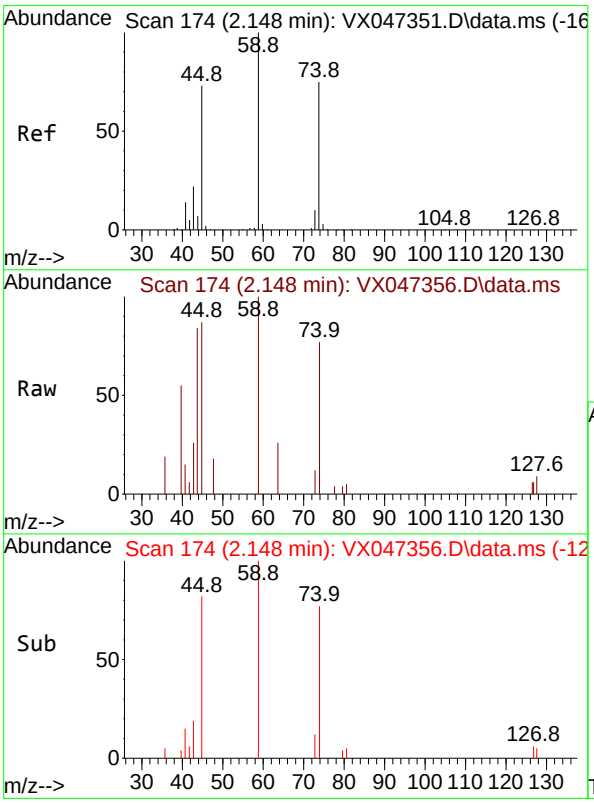
#7
Trichlorofluoromethane
Concen: 0.881 ug/l
RT: 1.904 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:101 Resp: 5369

Ion	Ratio	Lower	Upper
101	100		
103	52.3	50.9	76.3

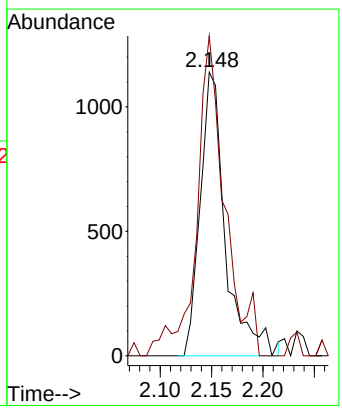


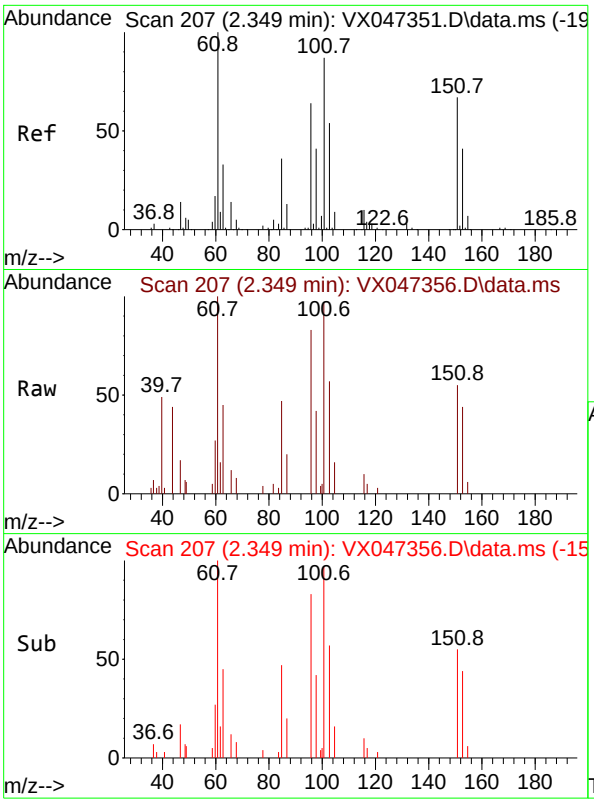


#8
Diethyl Ether
Concen: 0.908 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 74 Resp: 1947

Ion	Ratio	Lower	Upper
74	100		
45	125.6	51.3	154.0



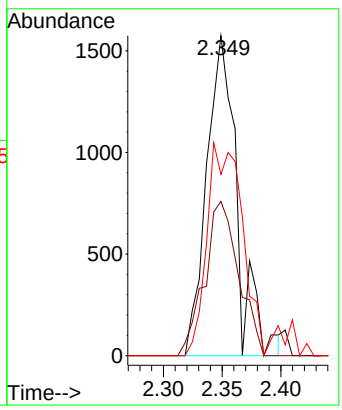


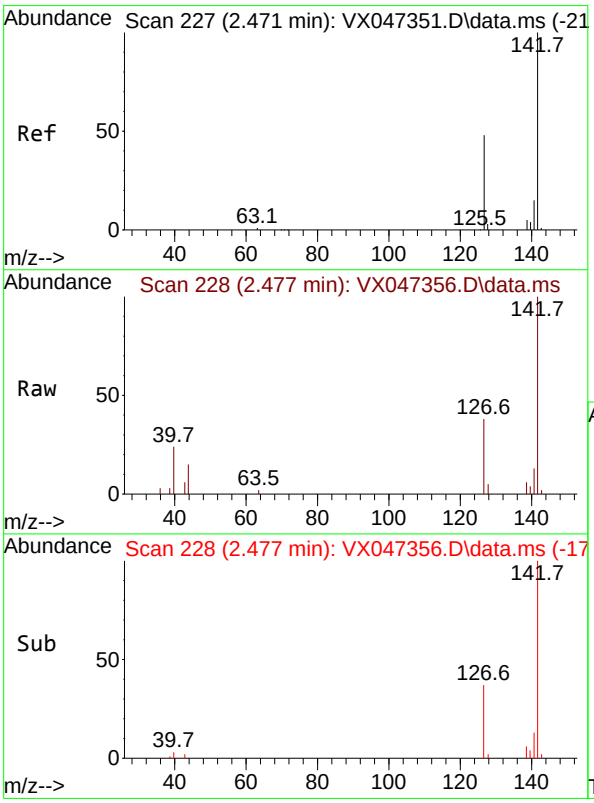
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.801 ug/l
RT: 2.349 min Scan# 2(
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:101 Resp: 2830

Ion	Ratio	Lower	Upper
101	100		
85	54.2	34.3	51.5#
151	78.2	59.2	88.8

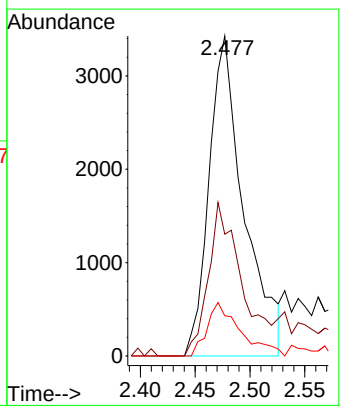


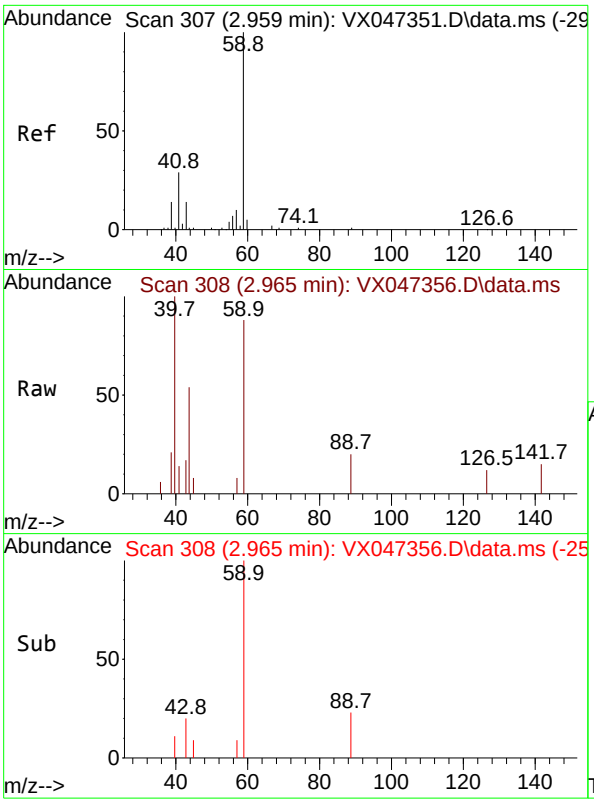


#10
Methyl Iodide
Concen: 1.253 ug/l
RT: 2.477 min Scan# 228
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion:142 Resp: 7591

Ion	Ratio	Lower	Upper
142	100		
127	45.8	36.1	54.1
141	15.9	11.1	16.7



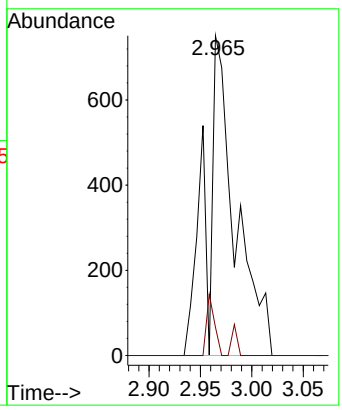


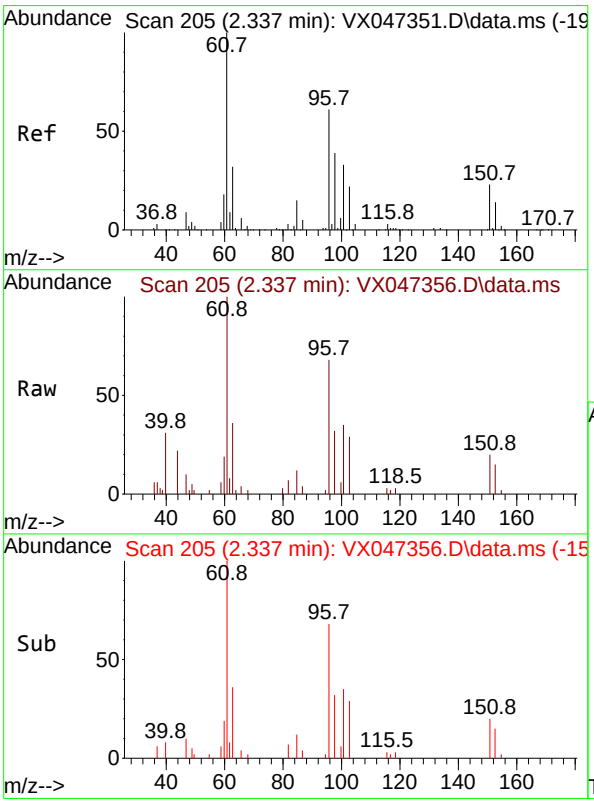
#11
Tert butyl alcohol
Concen: 4.202 ug/l
RT: 2.965 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 59 Resp: 1464

Ion	Ratio	Lower	Upper
59	100		
57	5.3	8.3	12.5#

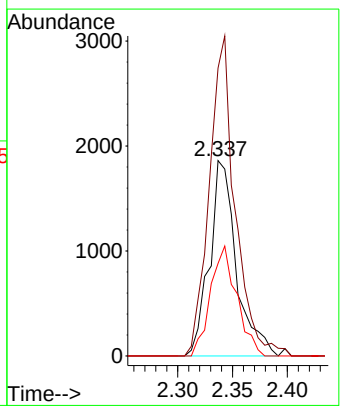


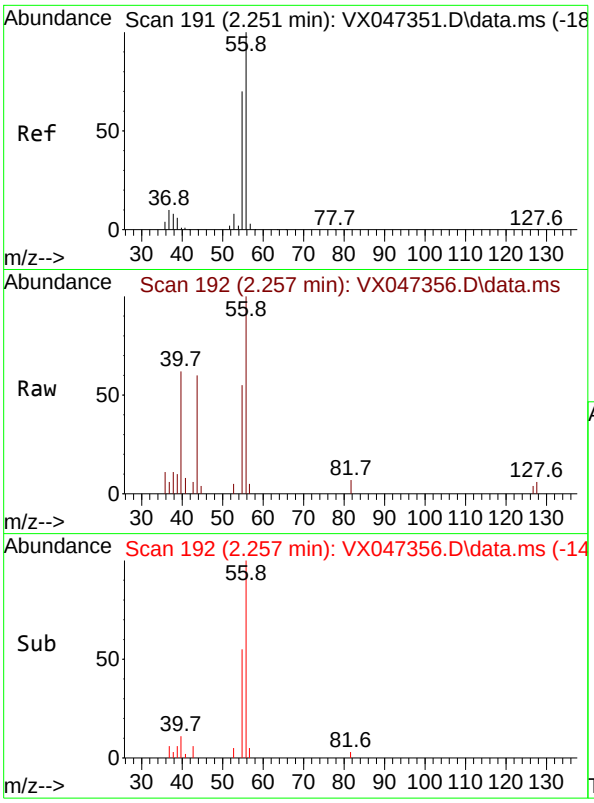


#12
1,1-Dichloroethene
Concen: 0.882 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 96 Resp: 3176

Ion	Ratio	Lower	Upper
96	100		
61	147.3	132.2	198.2
98	47.3	51.2	76.8#



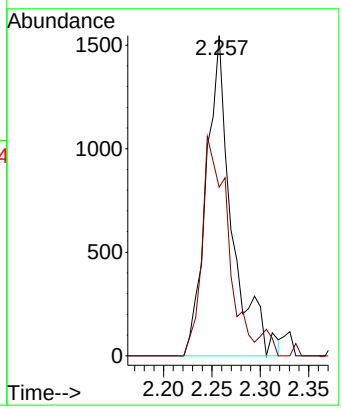


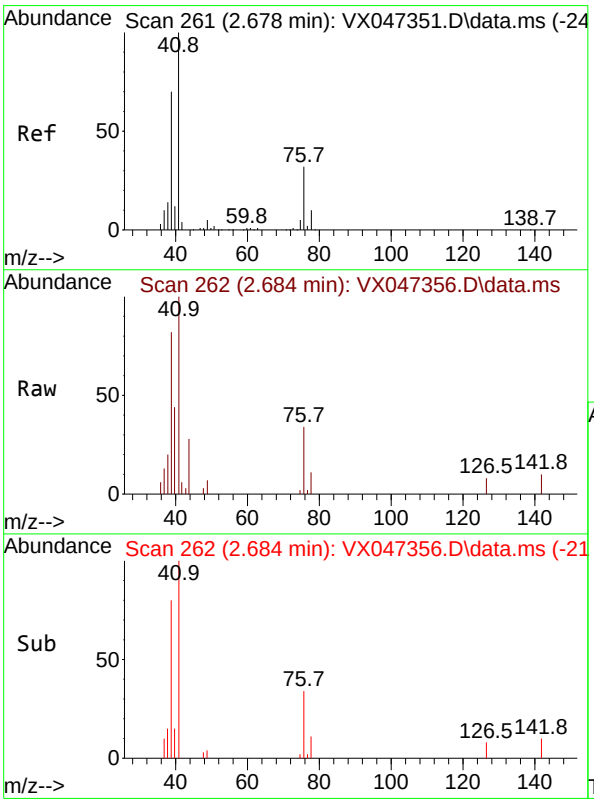
#13
Acrolein
Concen: 3.853 ug/l
RT: 2.257 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 56 Resp: 2834

Ion	Ratio	Lower	Upper
56	100		
55	69.2	55.5	83.3

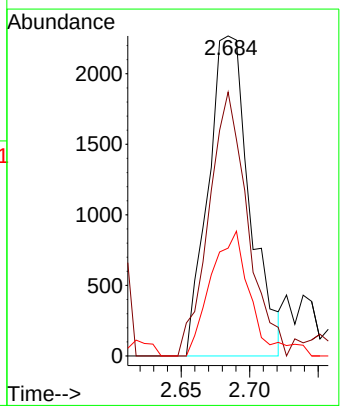


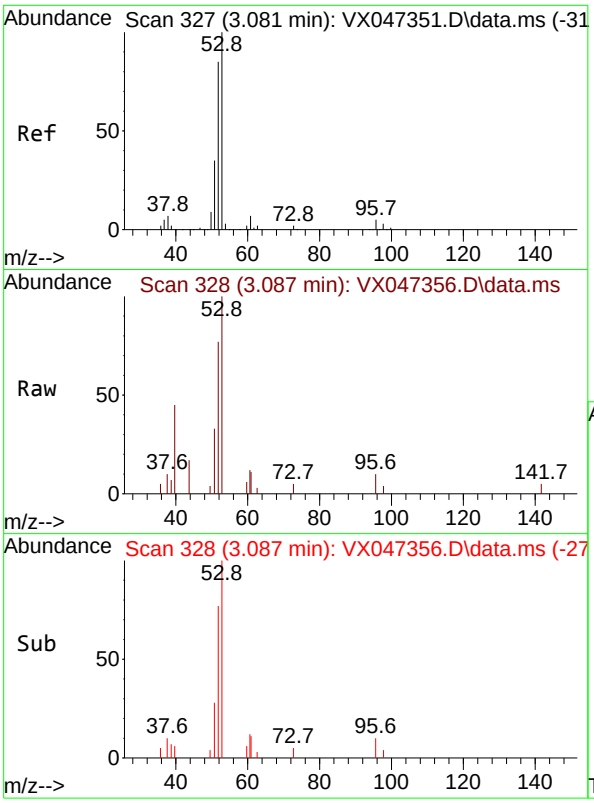


#14
Allyl chloride
Concen: 0.765 ug/l
RT: 2.684 min Scan# 262
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 41 Resp: 4788

Ion	Ratio	Lower	Upper
41	100		
39	76.7	54.6	81.8
76	37.6	27.6	41.4



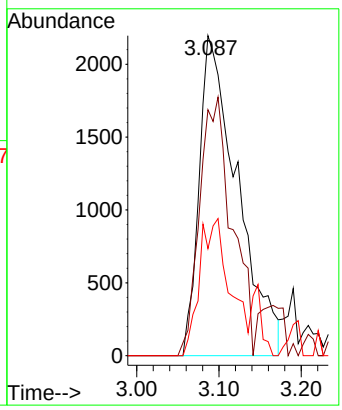


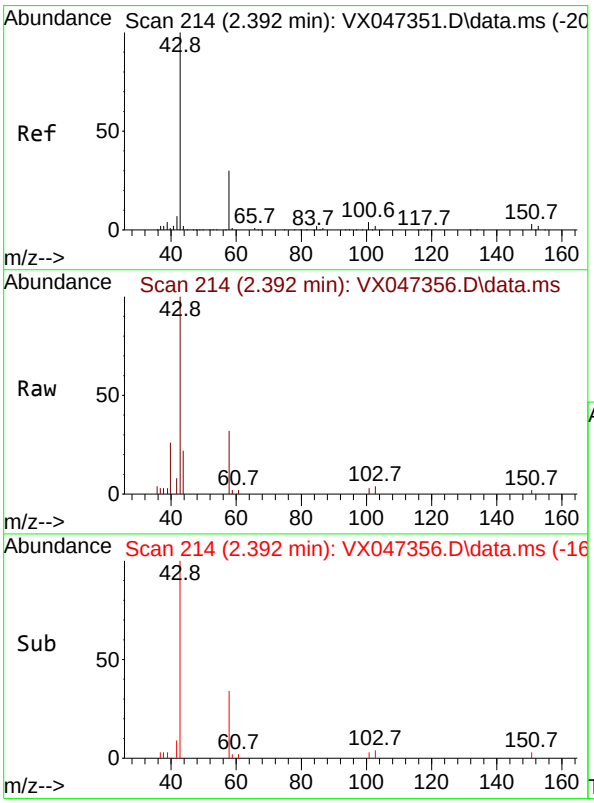
#15
Acrylonitrile
Concen: 4.221 ug/l
RT: 3.087 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 53 Resp: 7106

Ion	Ratio	Lower	Upper
53	100		
52	68.4	65.8	98.6
51	34.0	28.2	42.2

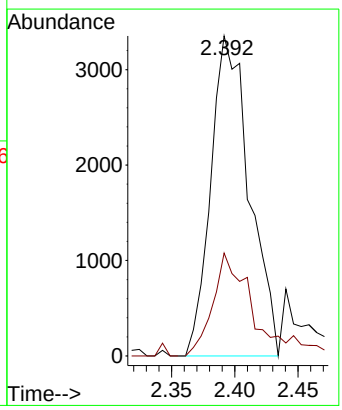


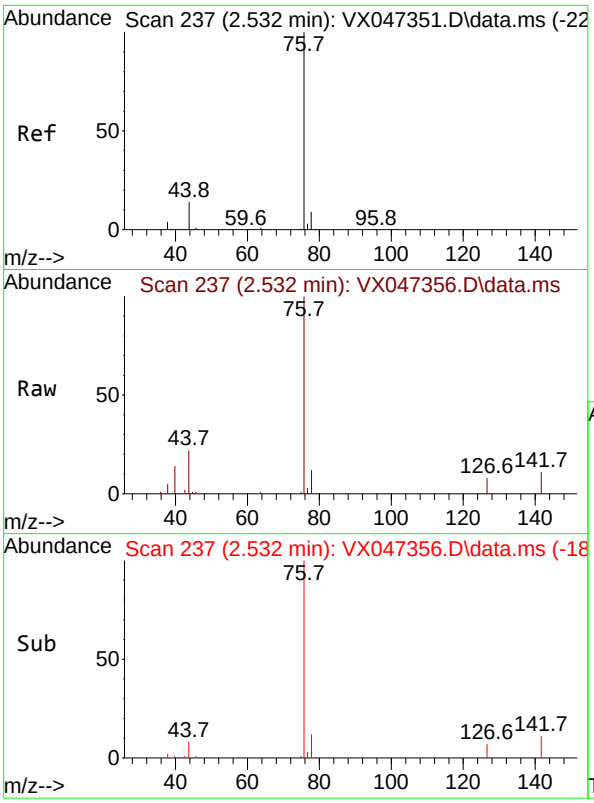


#16
Acetone
Concen: 4.732 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 43 Resp: 7123

Ion	Ratio	Lower	Upper
43	100		
58	26.3	24.8	37.2



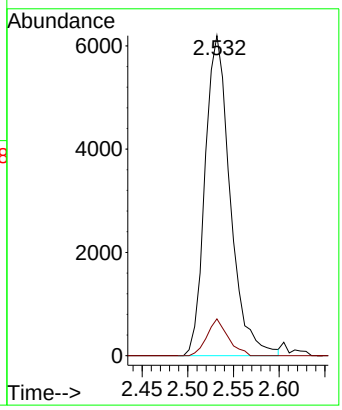


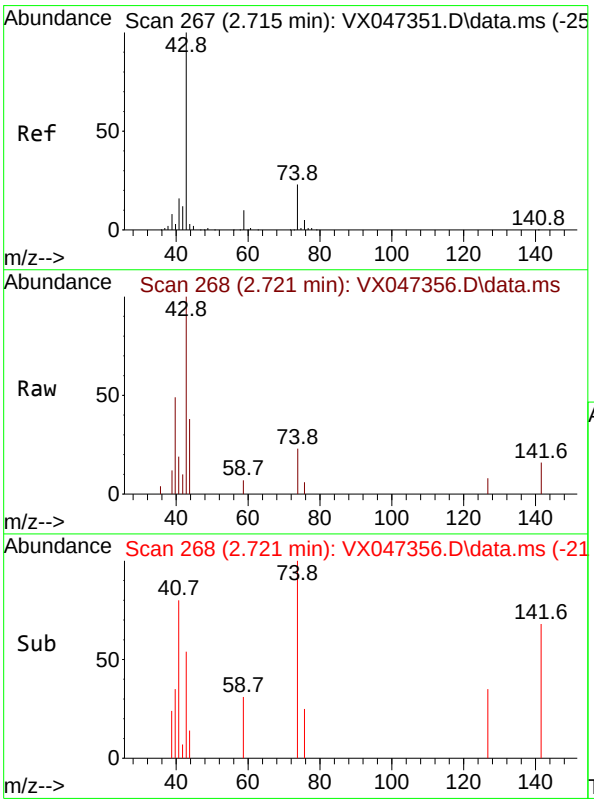
#17
Carbon Disulfide
Concen: 1.089 ug/l
RT: 2.532 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 76 Resp: 11842

Ion	Ratio	Lower	Upper
76	100		
78	11.5	7.2	10.8#

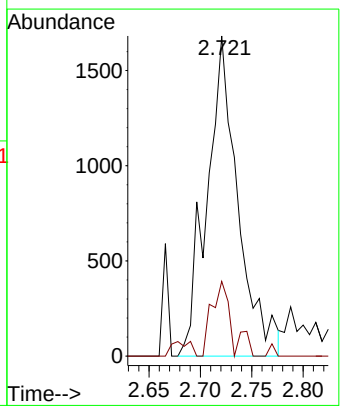


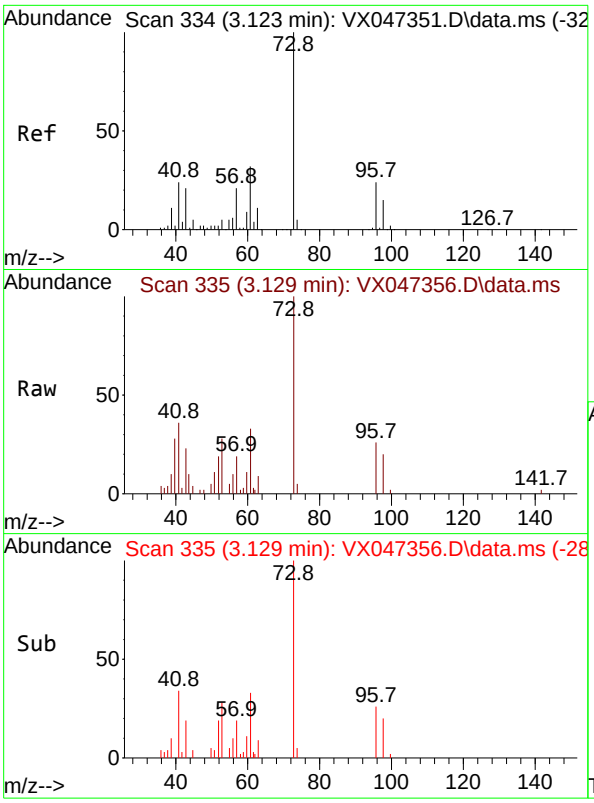


#18
Methyl Acetate
Concen: 0.912 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 43 Resp: 3556

Ion	Ratio	Lower	Upper
43	100		
74	15.0	18.4	27.6#



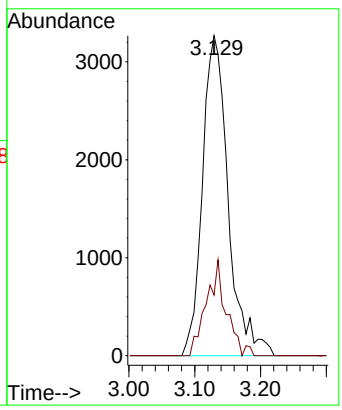


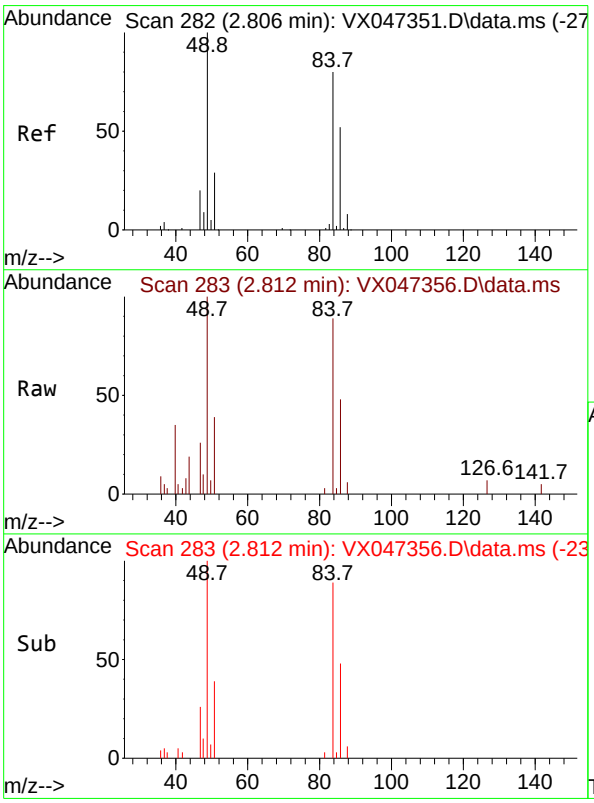
#19
Methyl tert-butyl Ether
Concen: 0.811 ug/l
RT: 3.129 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 73 Resp: 8892

Ion	Ratio	Lower	Upper
73	100		
57	18.9	17.0	25.6

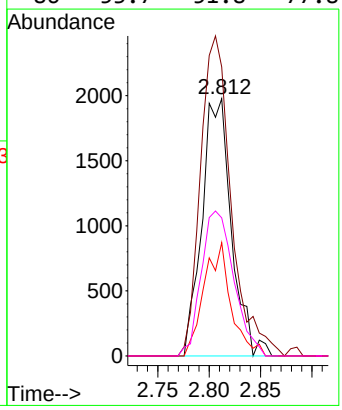


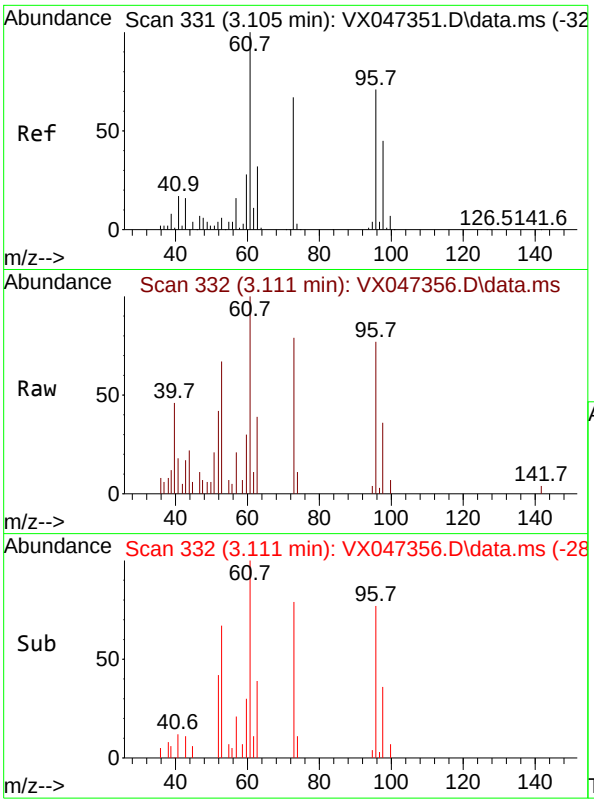


#20
Methylene Chloride
Concen: 0.992 ug/l
RT: 2.812 min Scan# 283
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 84 Resp: 3953

Ion	Ratio	Lower	Upper
84	100		
49	112.3	100.1	150.1
51	44.0	29.5	44.3
86	53.7	51.8	77.8



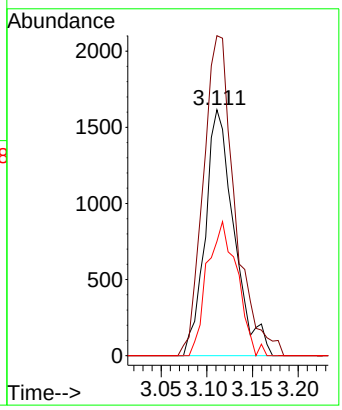


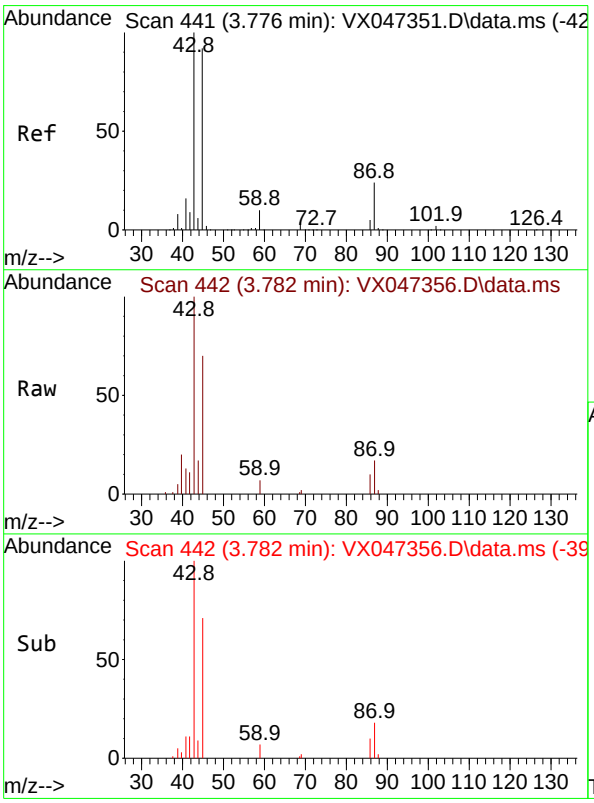
#21
trans-1,2-Dichloroethene
Concen: 0.929 ug/l
RT: 3.111 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 96 Resp: 3552

Ion	Ratio	Lower	Upper
96	100		
61	130.2	112.6	169.0
98	46.4	50.9	76.3#

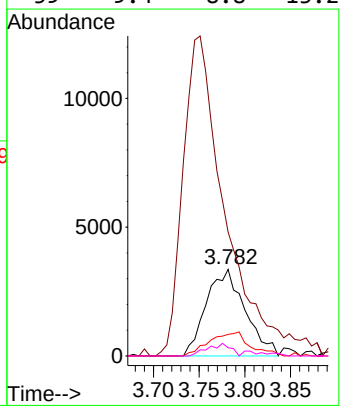


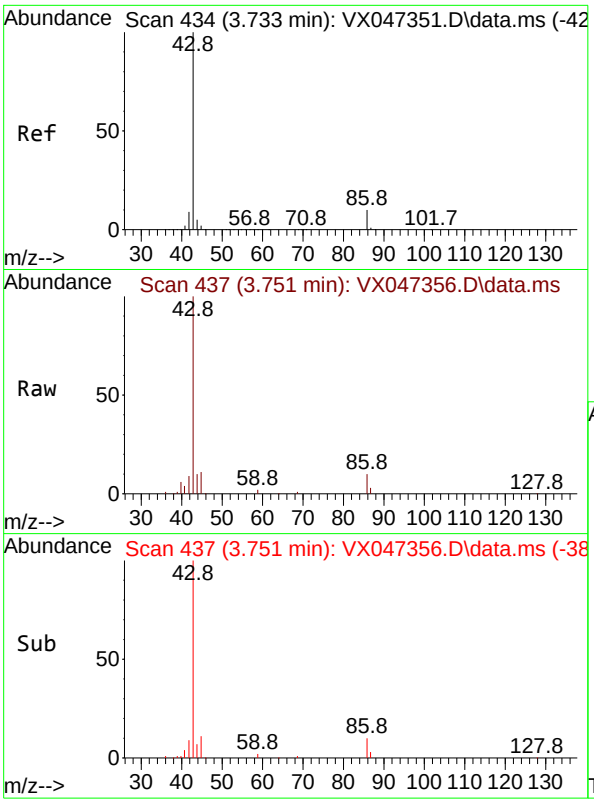


#22
Diisopropyl ether
Concen: 0.803 ug/l
RT: 3.782 min Scan# 442
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 45 Resp: 9930

Ion	Ratio	Lower	Upper
45	100		
43	113.1	86.8	130.2
87	24.9	20.4	30.6
59	9.4	8.8	13.2



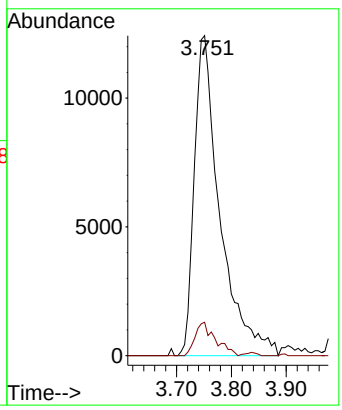


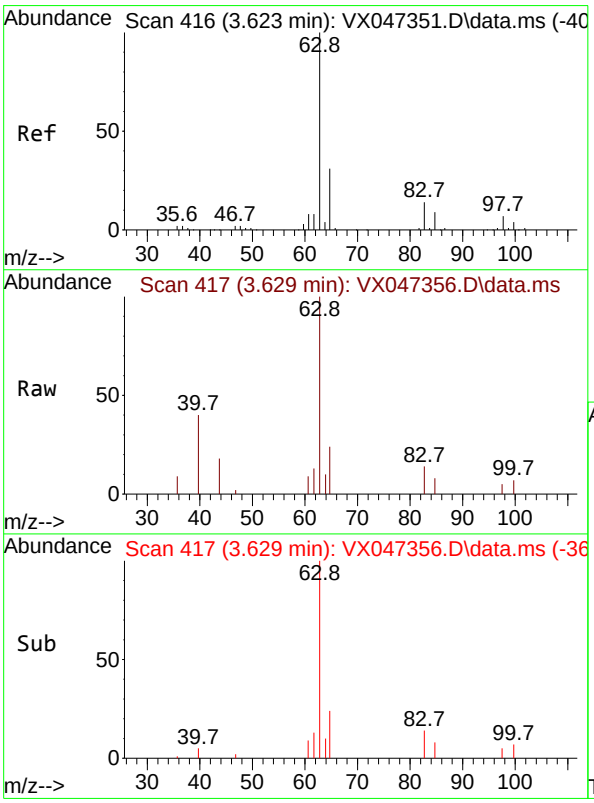
#23
Vinyl Acetate
Concen: 3.984 ug/l
RT: 3.751 min Scan# 4
Delta R.T. 0.018 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 40393

Ion	Ratio	Lower	Upper
43	100		
86	13.7	7.9	11.9#

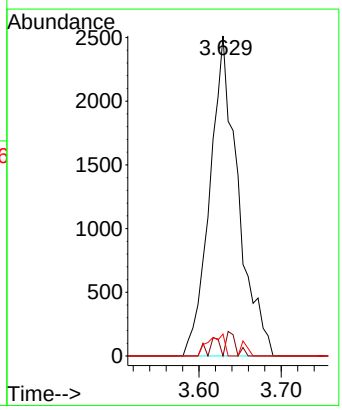


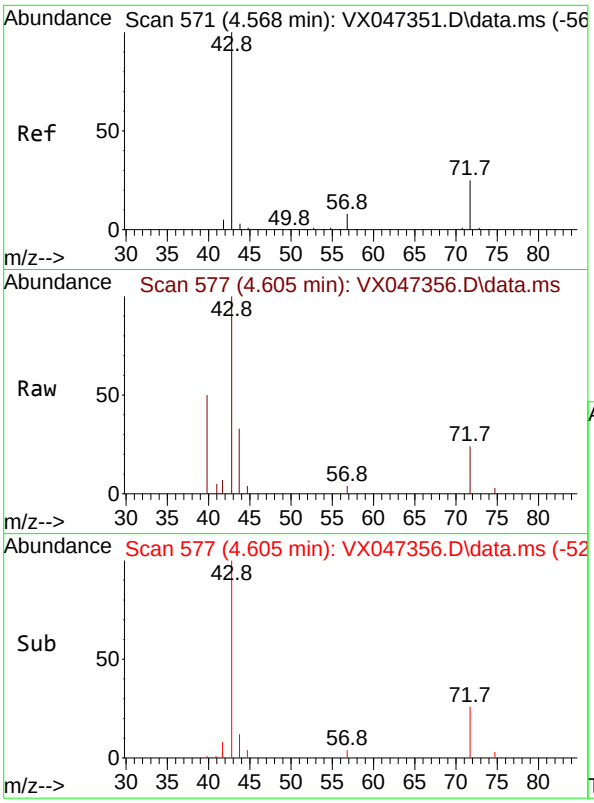


#24
1,1-Dichloroethane
Concen: 0.861 ug/l
RT: 3.629 min Scan# 417
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 63 Resp: 6019

Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.3	9.9#
100	6.8	2.1	6.3#



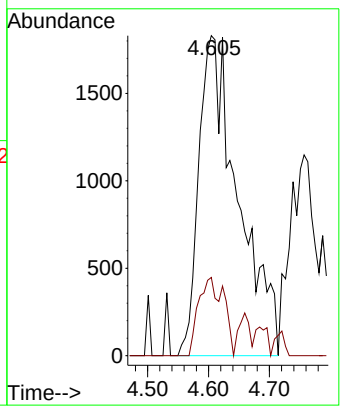


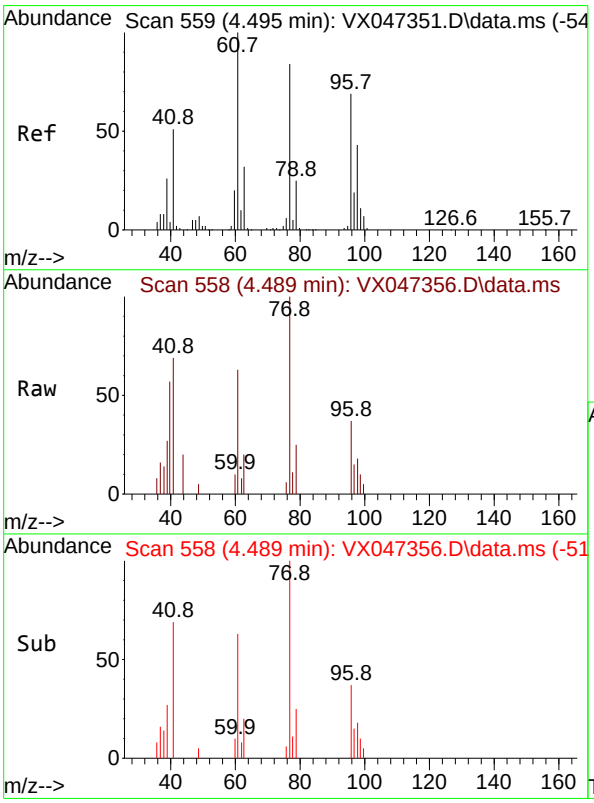
#25
2-Butanone
Concen: 4.166 ug/l
RT: 4.605 min Scan# 5
Delta R.T. 0.036 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 8214

Ion	Ratio	Lower	Upper
43	100		
72	18.3	19.8	29.8#

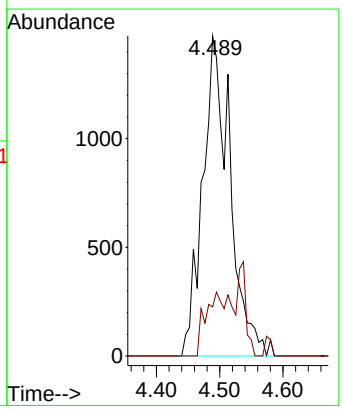


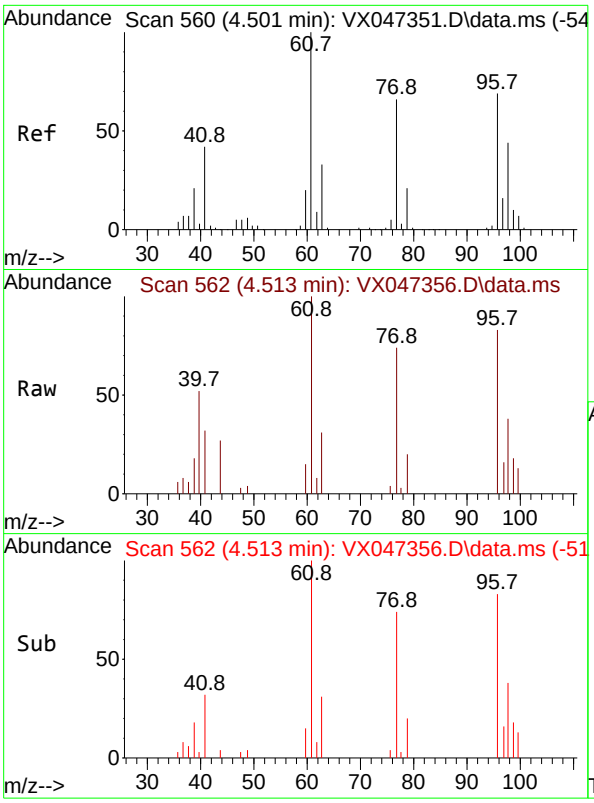


#26
2,2-Dichloropropane
Concen: 0.842 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 77 Resp: 4442

Ion	Ratio	Lower	Upper
77	100		
97	13.1	11.4	34.1



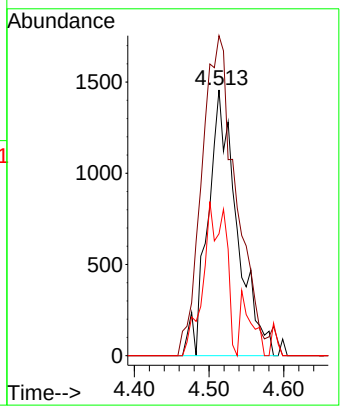


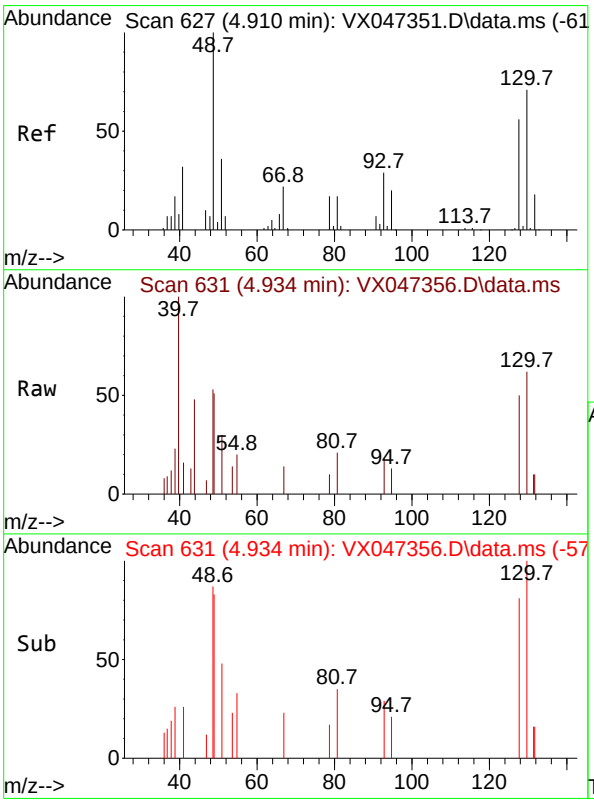
#27
cis-1,2-Dichloroethene
Concen: 0.889 ug/l
RT: 4.513 min Scan# 5
Delta R.T. 0.012 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 96 Resp: 3960

Ion	Ratio	Lower	Upper
96	100		
61	140.7	0.0	296.6
98	44.5	0.0	130.4

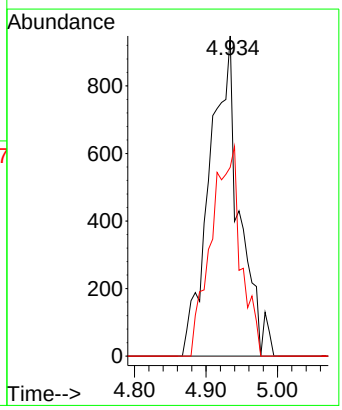


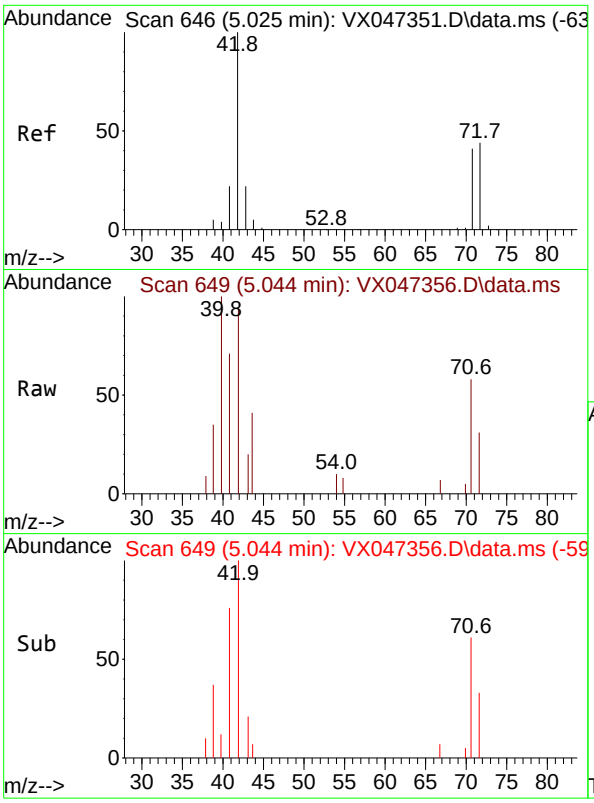


#28
Bromochloromethane
Concen: 0.945 ug/l
RT: 4.934 min Scan# 631
Delta R.T. 0.024 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 49 Resp: 2750

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	65.1	59.8	89.6



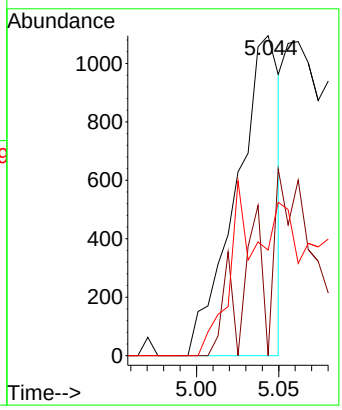


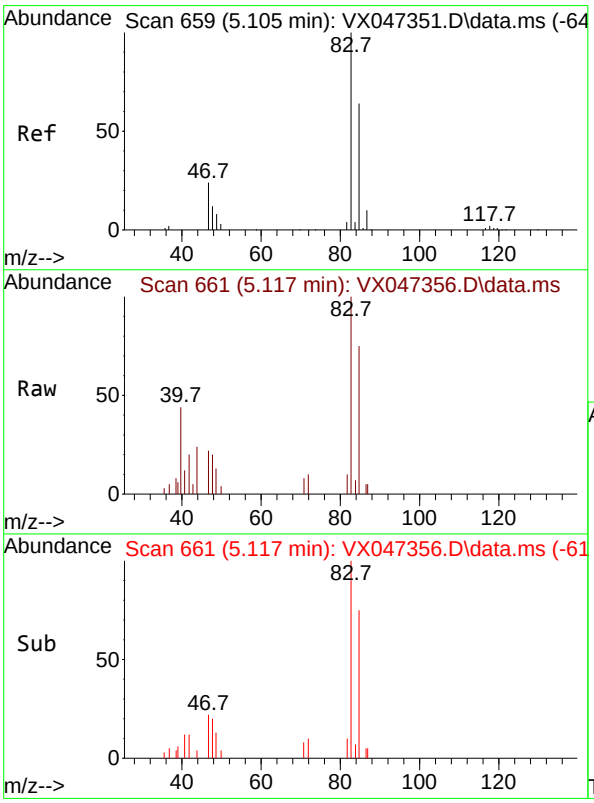
#29
Tetrahydrofuran
Concen: 1.574 ug/l
RT: 5.044 min Scan# 64
Delta R.T. 0.018 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 42 Resp: 2006

Ion	Ratio	Lower	Upper
42	100		
72	51.0	34.6	51.8
71	43.1	32.6	49.0

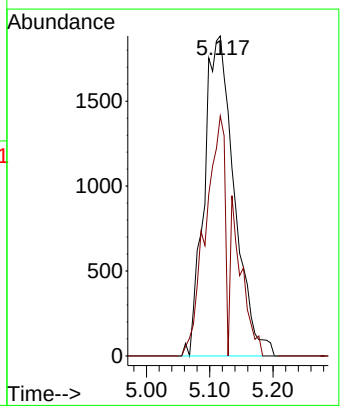


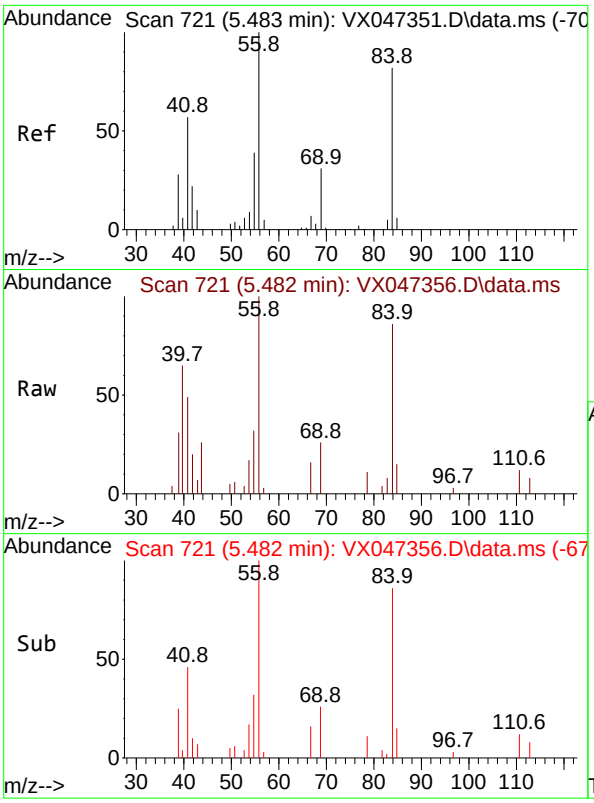


#30
Chloroform
Concen: 0.875 ug/l
RT: 5.117 min Scan# 661
Delta R.T. 0.012 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 83 Resp: 6246

Ion	Ratio	Lower	Upper
83	100		
85	75.0	51.2	76.8



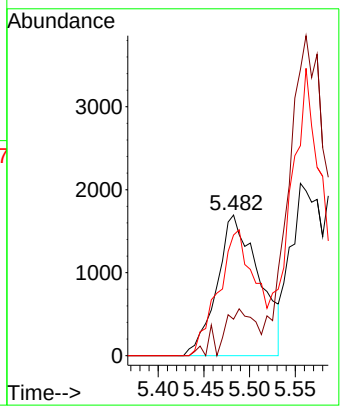


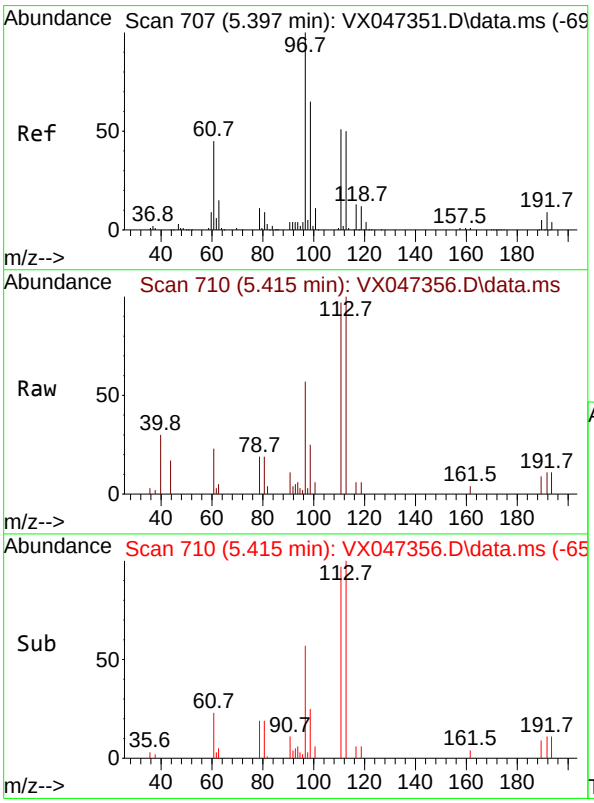
#31
Cyclohexane
Concen: 0.840 ug/l
RT: 5.482 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 56 Resp: 5414

Ion	Ratio	Lower	Upper
56	100		
69	25.9	24.3	36.5
84	85.7	65.3	97.9

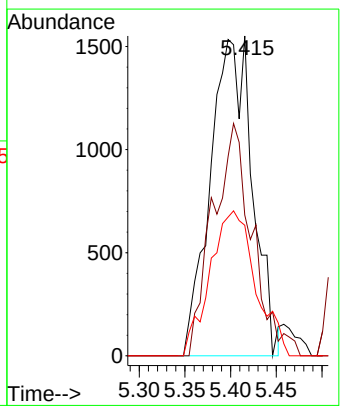


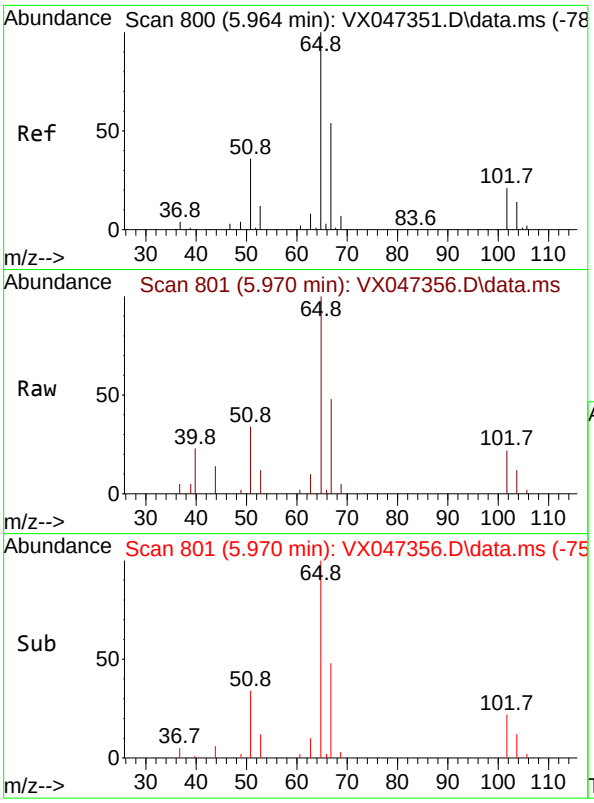


#32
1,1,1-Trichloroethane
Concen: 0.804 ug/l
RT: 5.415 min Scan# 710
Delta R.T. 0.018 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 97 Resp: 4939

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.4	77.0#
61	49.3	35.7	53.5



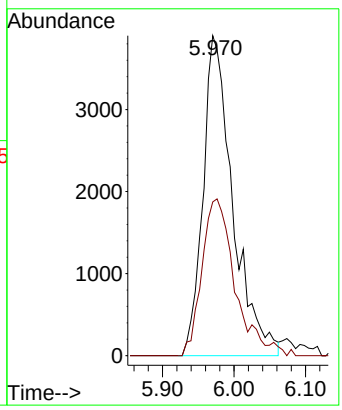


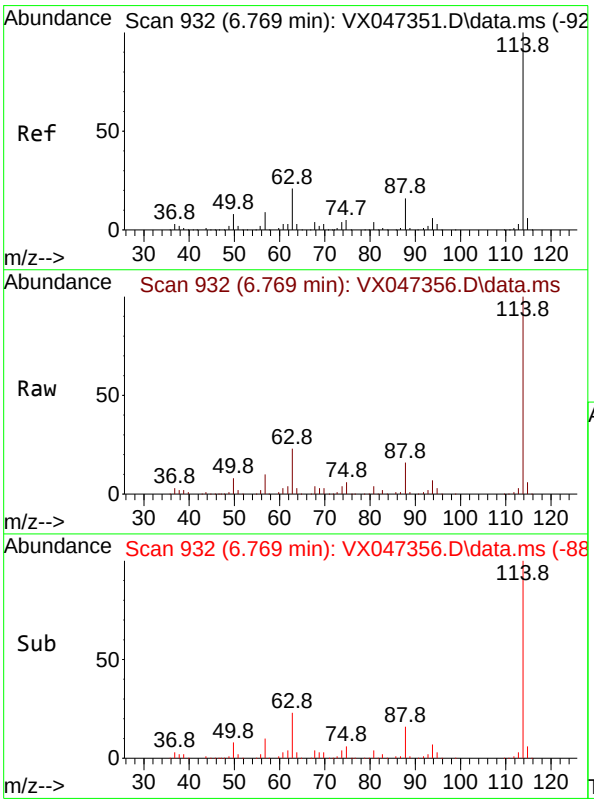
#33
1,2-Dichloroethane-d4
Concen: 2.813 ug/l
RT: 5.970 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 65 Resp: 11264

Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	106.0

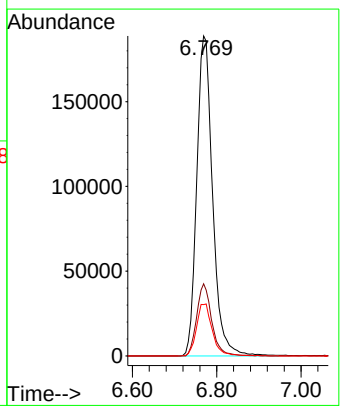


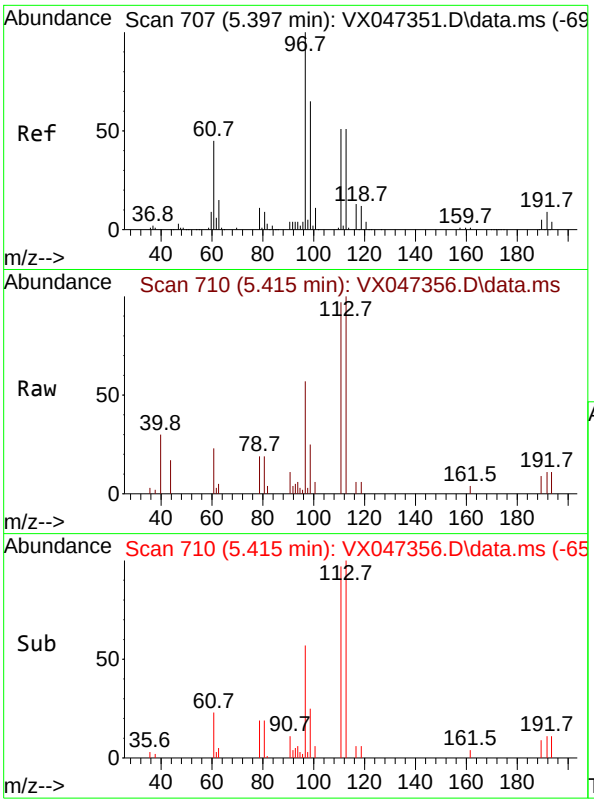


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion:114 Resp: 494689

Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	42.4
88	16.1	0.0	33.0



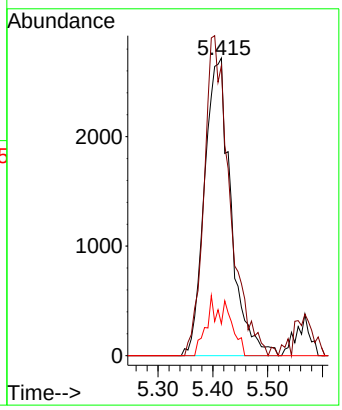


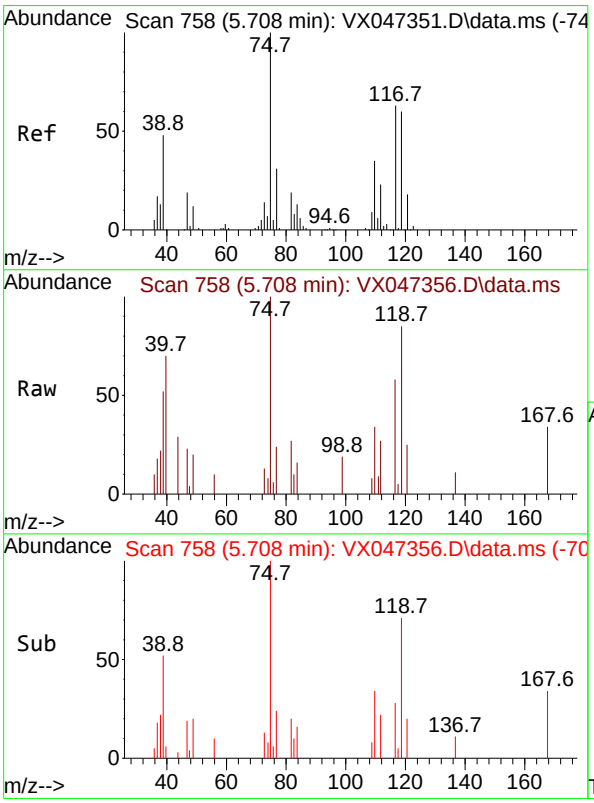
#35
Dibromofluoromethane
Concen: 2.828 ug/l
RT: 5.415 min Scan# 7
Delta R.T. 0.018 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:113 Resp: 9078

Ion	Ratio	Lower	Upper
113	100		
111	104.9	81.4	122.2
192	9.6	14.1	21.1#

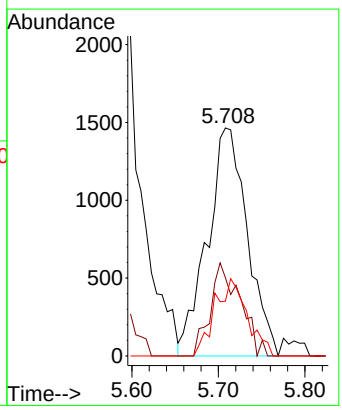


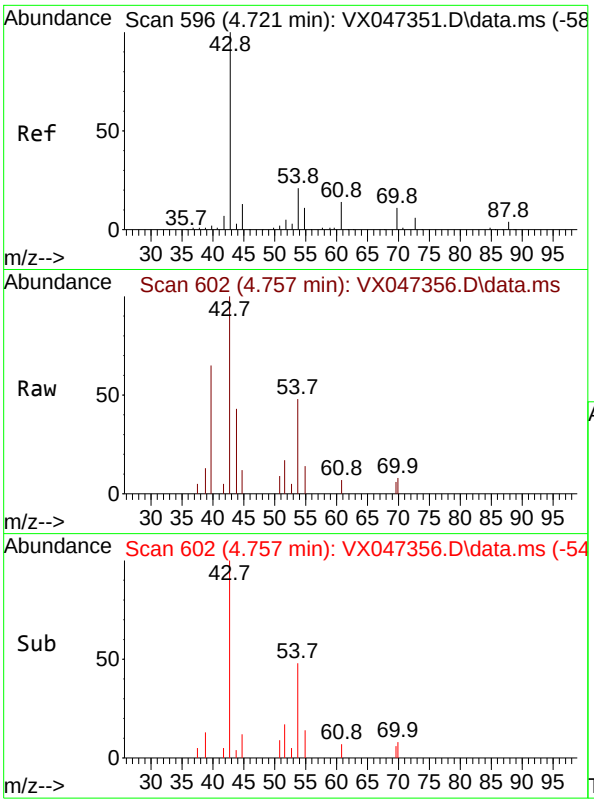


#36
1,1-Dichloropropene
Concen: 0.926 ug/l
RT: 5.708 min Scan# 758
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 75 Resp: 4692

Ion	Ratio	Lower	Upper
75	100		
110	30.7	17.4	52.2
77	27.4	24.4	36.6



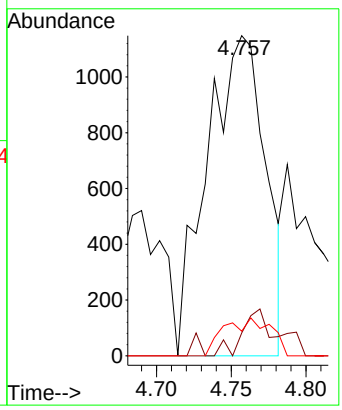


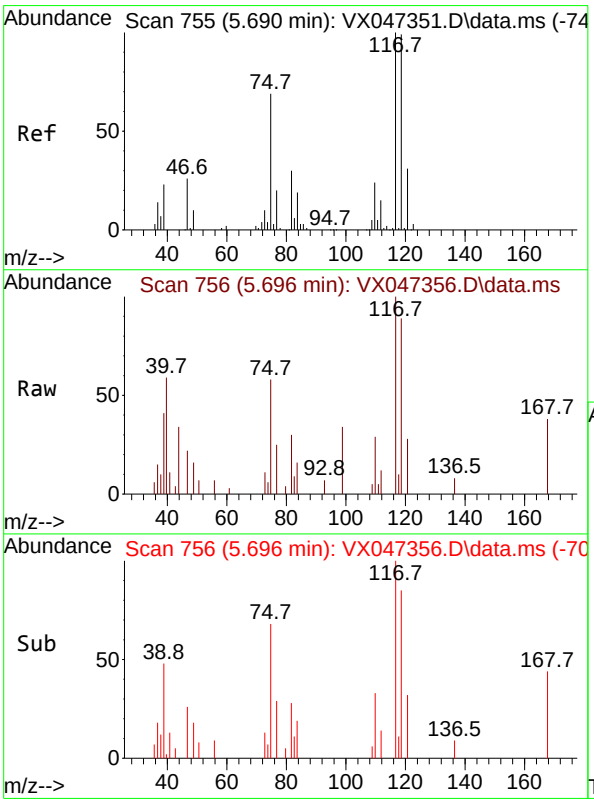
#37
Ethyl Acetate
Concen: 0.594 ug/l
RT: 4.757 min Scan# 6
Delta R.T. 0.036 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 3124

Ion	Ratio	Lower	Upper
43	100		
61	8.8	9.4	14.2#
70	4.4	7.0	10.6#

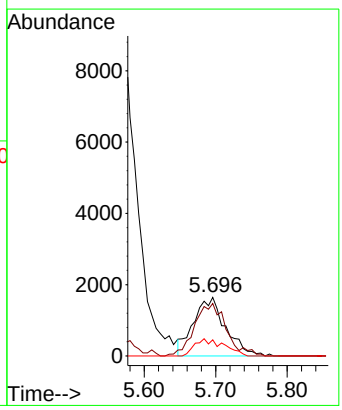


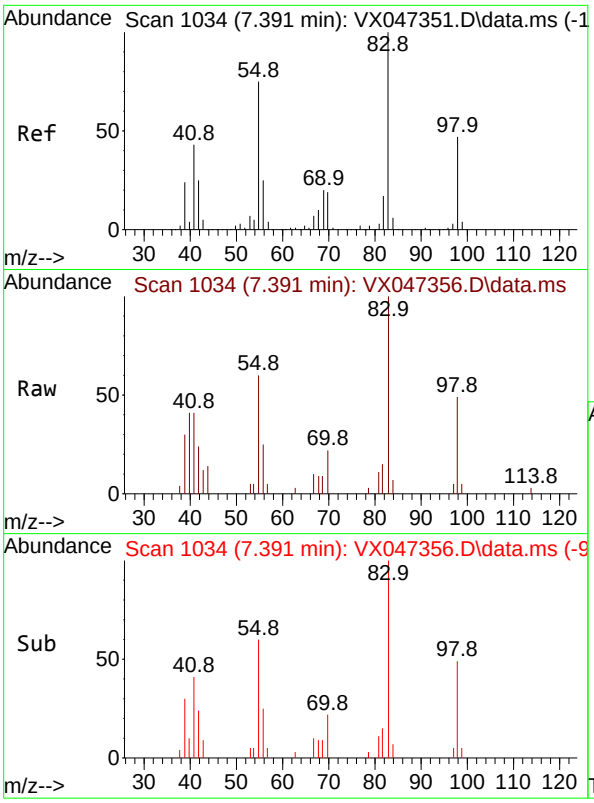


#38
Carbon Tetrachloride
Concen: 0.921 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion:117 Resp: 5100

Ion	Ratio	Lower	Upper
117	100		
119	89.4	78.5	117.7
121	27.5	24.7	37.1



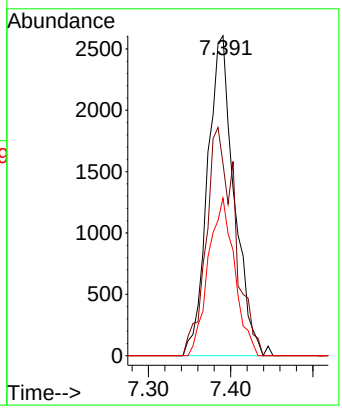


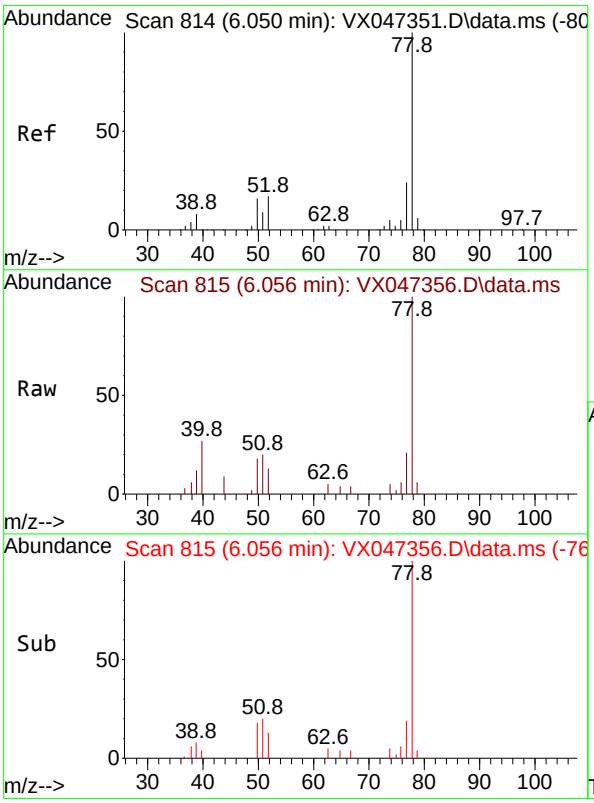
#39
Methylcyclohexane
Concen: 0.931 ug/l
RT: 7.391 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 83 Resp: 5884

Ion	Ratio	Lower	Upper
83	100		
55	60.0	60.0	90.0
98	49.3	37.2	55.8

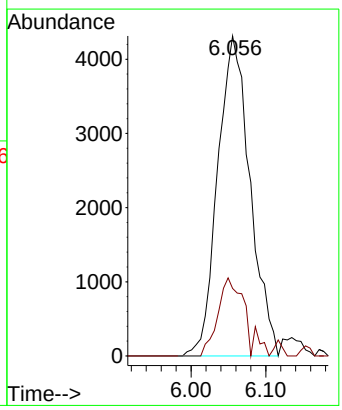


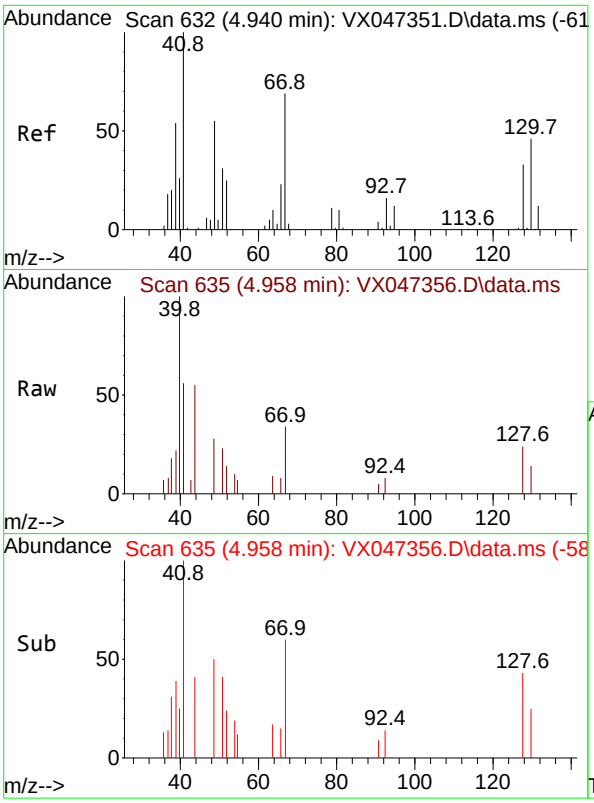


#40
Benzene
Concen: 0.855 ug/l
RT: 6.056 min Scan# 815
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 78 Resp: 12977

Ion	Ratio	Lower	Upper
78	100		
77	19.9	19.0	28.4



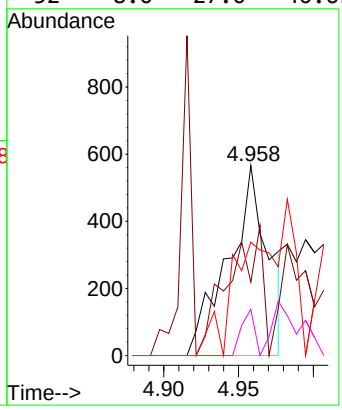


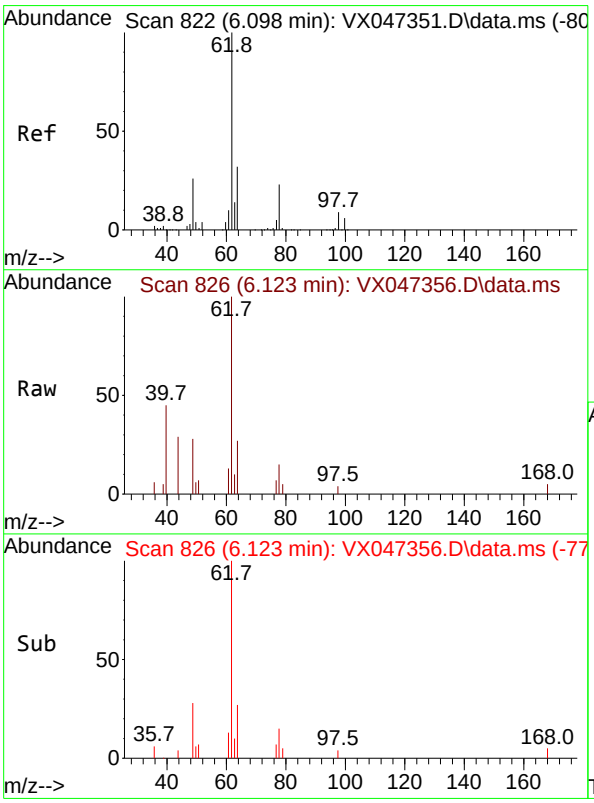
#41
Methacrylonitrile
Concen: 0.470 ug/l
RT: 4.958 min Scan# 6
Delta R.T. 0.018 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 41 Resp: 1043

Ion	Ratio	Lower	Upper
41	100		
39	55.1	45.4	68.2
67	59.8	64.0	96.0#
52	8.0	27.0	40.6#

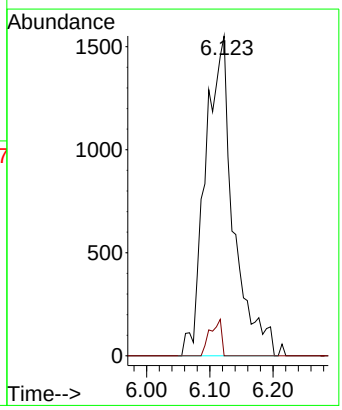


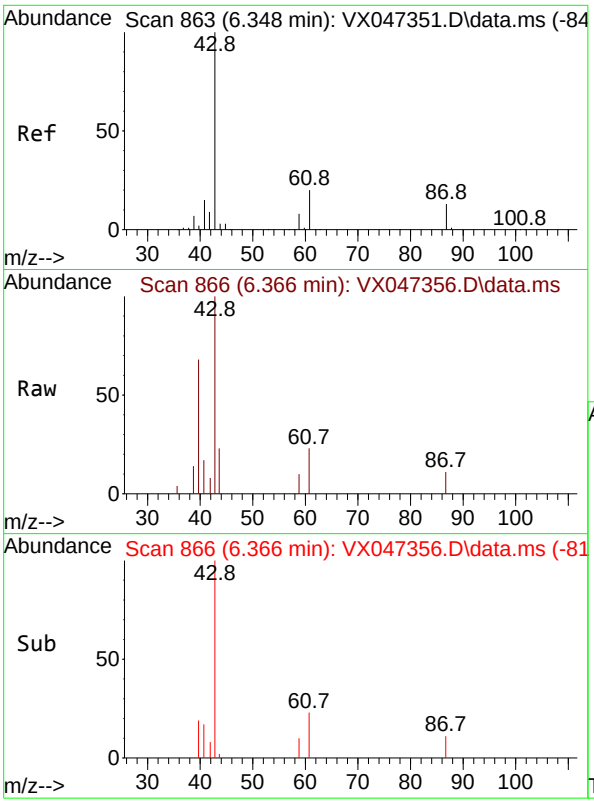


#42
1,2-Dichloroethane
Concen: 0.890 ug/l
RT: 6.123 min Scan# 826
Delta R.T. 0.024 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 62 Resp: 4784

Ion	Ratio	Lower	Upper
62	100		
98	4.7	0.0	18.0



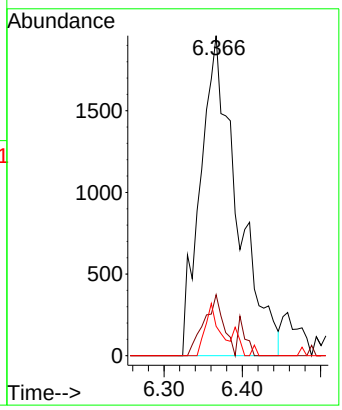


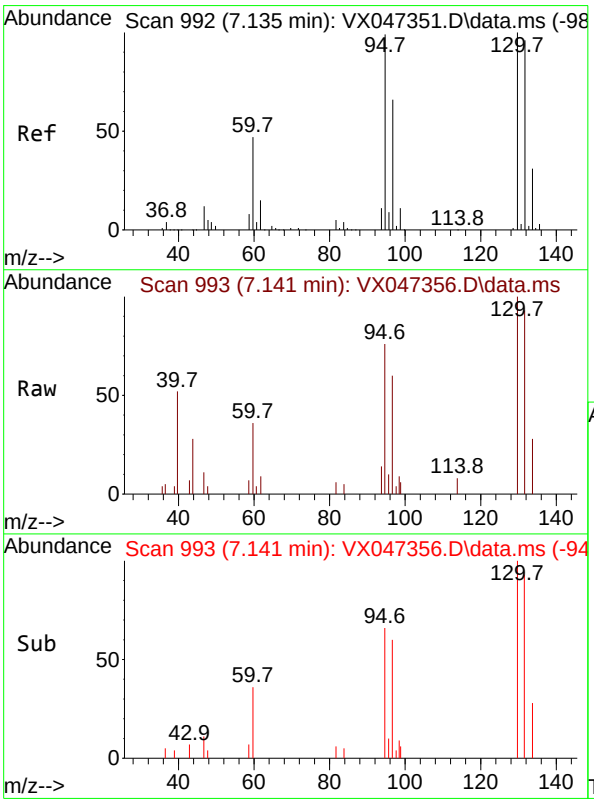
#43
Isopropyl Acetate
Concen: 0.844 ug/l
RT: 6.366 min Scan# 8
Delta R.T. 0.018 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 6382

Ion	Ratio	Lower	Upper
43	100		
61	10.0	15.4	23.0#
87	6.4	10.2	15.4#

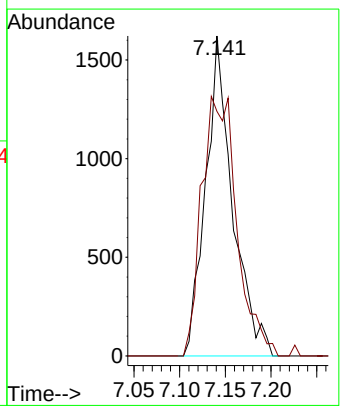


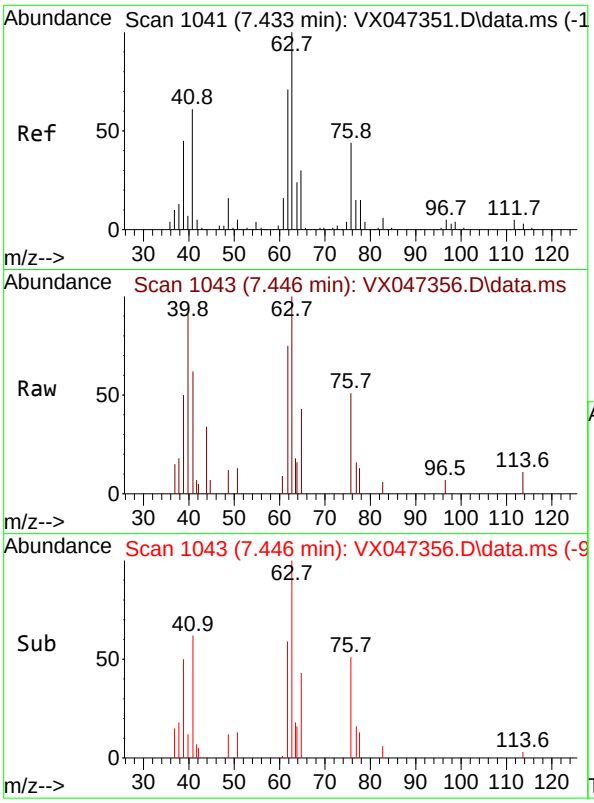


#44
Trichloroethene
Concen: 0.857 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion:130 Resp: 3329

Ion	Ratio	Lower	Upper
130	100		
95	86.1	0.0	198.6



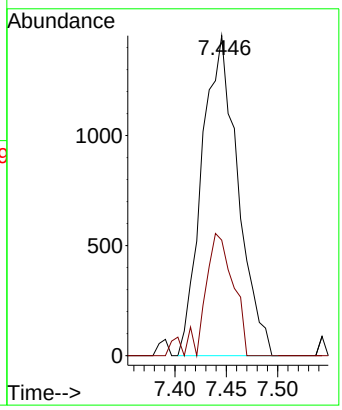


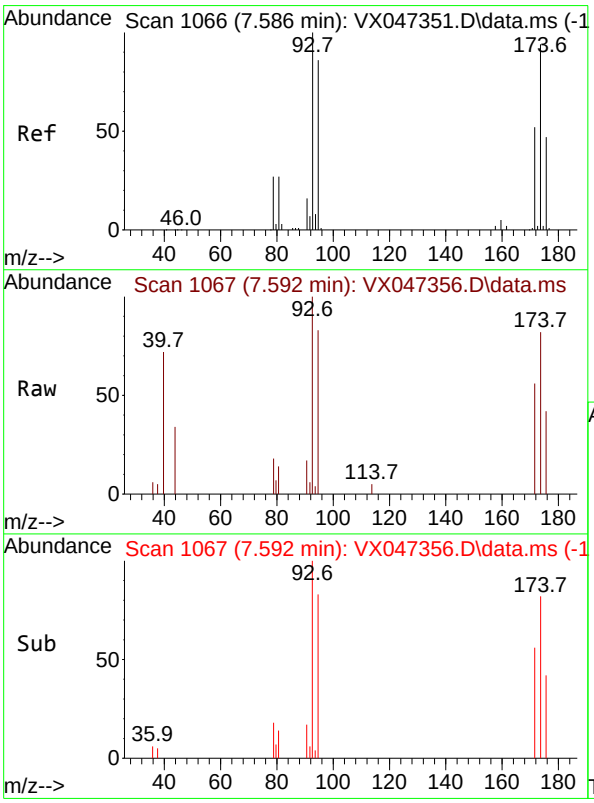
#45
1,2-Dichloropropane
Concen: 0.929 ug/l
RT: 7.446 min Scan# 1
Delta R.T. 0.012 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 63 Resp: 3532

Ion	Ratio	Lower	Upper
63	100		
65	36.1	23.8	35.6#

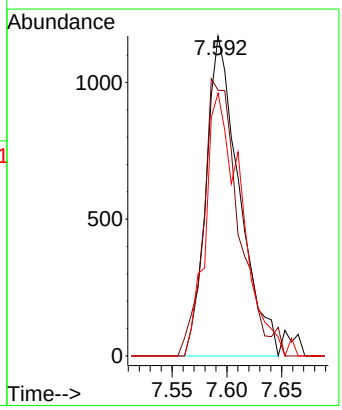


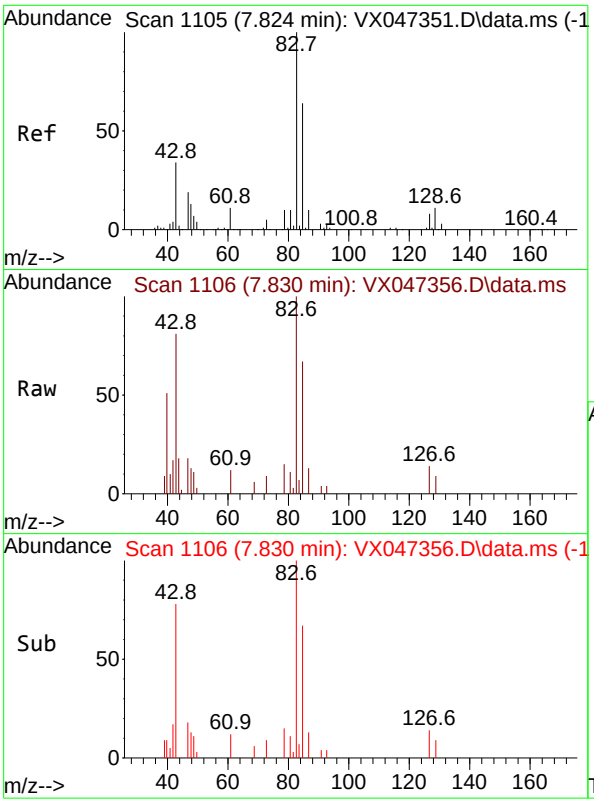


#46
Dibromomethane
Concen: 0.889 ug/l
RT: 7.592 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 93 Resp: 2453

Ion	Ratio	Lower	Upper
93	100		
95	92.7	68.0	102.0
174	90.2	75.8	113.6



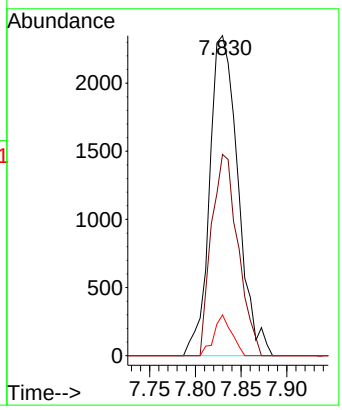


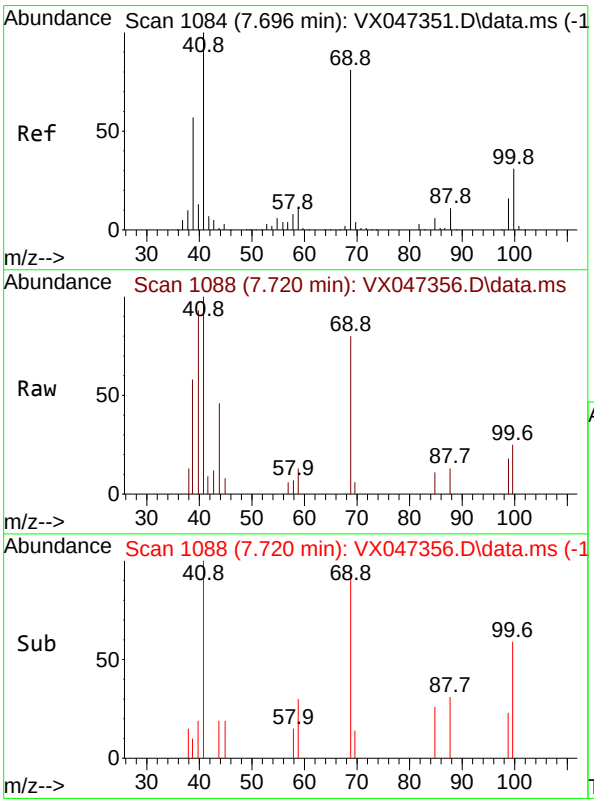
#47
Bromodichloromethane
Concen: 0.888 ug/l
RT: 7.830 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 83 Resp: 5078

Ion	Ratio	Lower	Upper
83	100		
85	62.9	51.0	76.6
127	12.8	7.0	10.4#

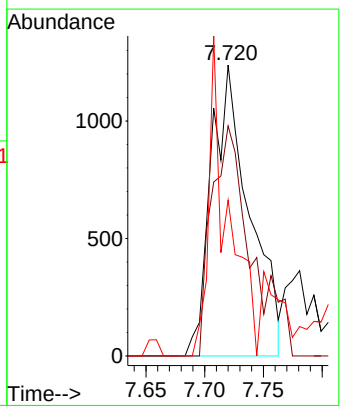


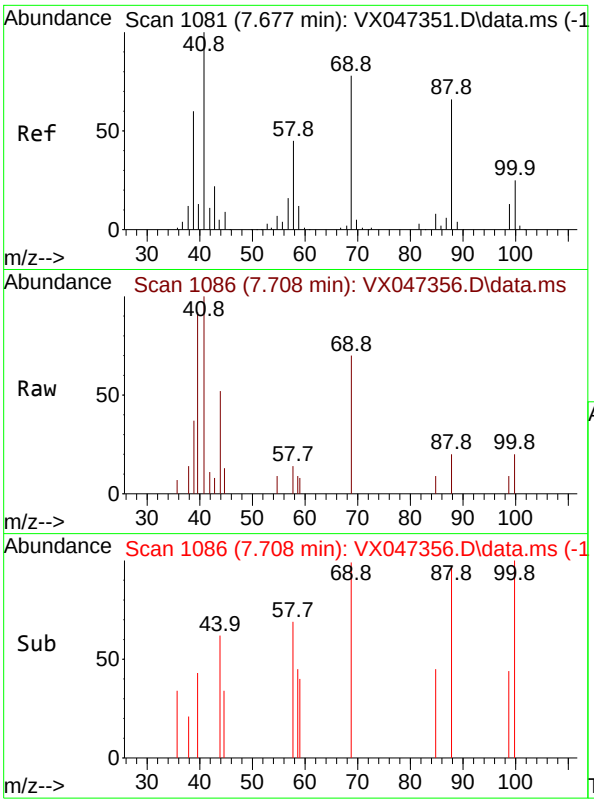


#48
Methyl methacrylate
Concen: 0.717 ug/l
RT: 7.720 min Scan# 1088
Delta R.T. 0.024 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 41 Resp: 2812

Ion	Ratio	Lower	Upper
41	100		
69	81.6	65.0	97.4
39	54.3	45.7	68.5



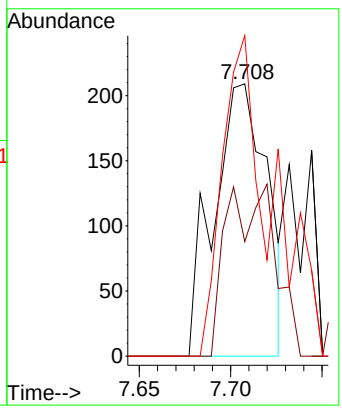


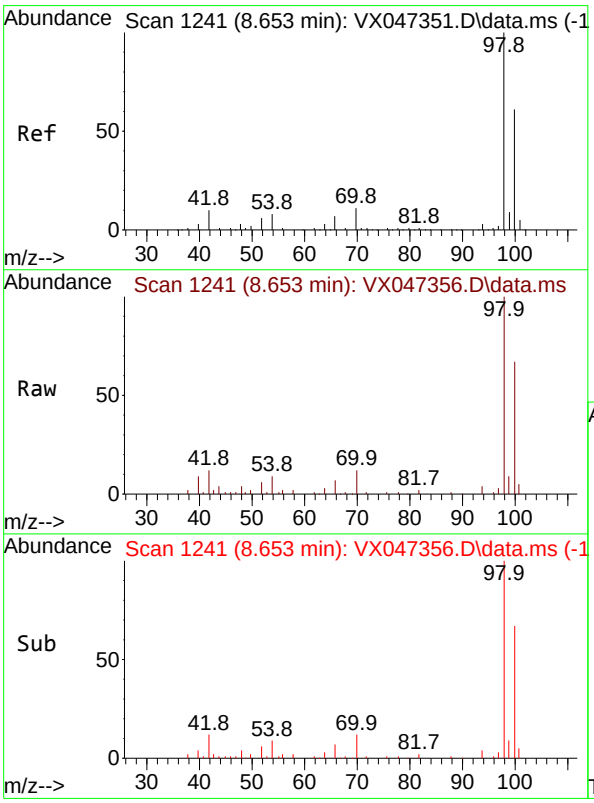
#49
1,4-Dioxane
Concen: 11.380 ug/l
RT: 7.708 min Scan# 1
Delta R.T. 0.030 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 88 Resp: 424

Ion	Ratio	Lower	Upper
88	100		
43	0.0	32.4	48.6#
58	76.4	56.9	85.3

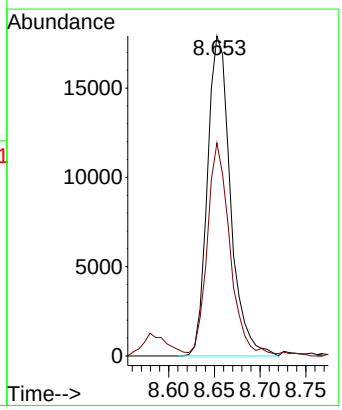


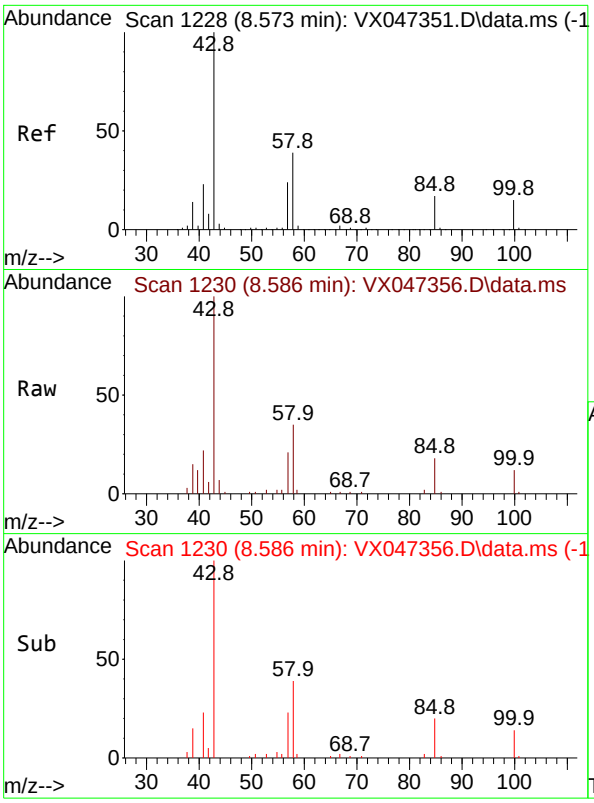


#50
Toluene-d8
Concen: 2.731 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 98 Resp: 31338

Ion	Ratio	Lower	Upper
98	100		
100	63.8	53.9	80.9



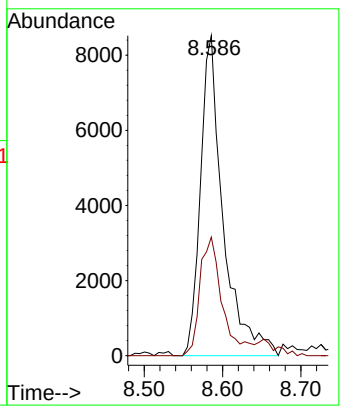


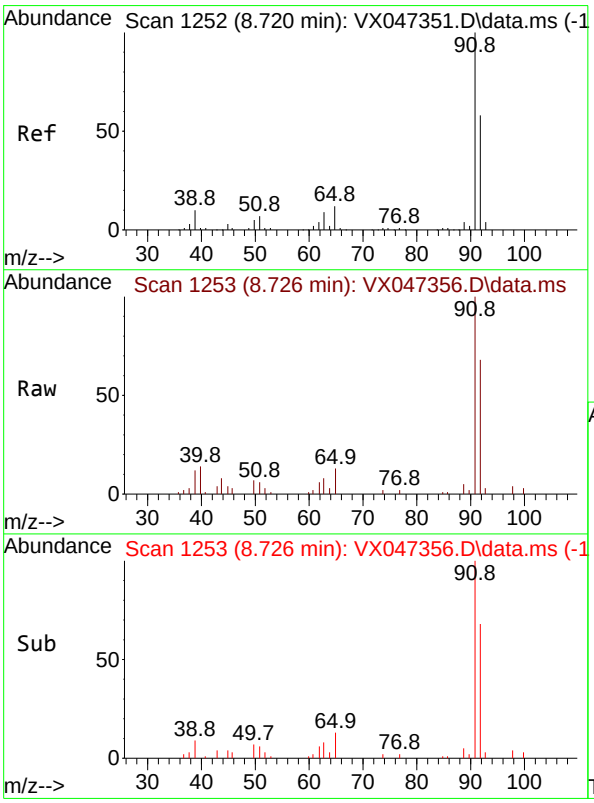
#51
4-Methyl-2-Pentanone
Concen: 3.933 ug/l
RT: 8.586 min Scan# 1
Delta R.T. 0.012 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 17109

Ion	Ratio	Lower	Upper
43	100		
58	36.8	31.2	46.8

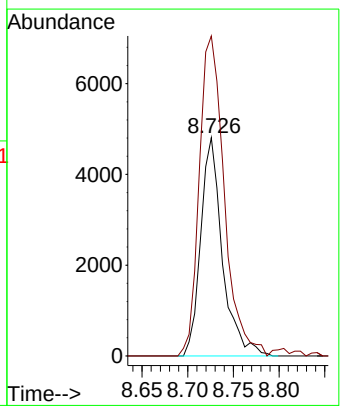


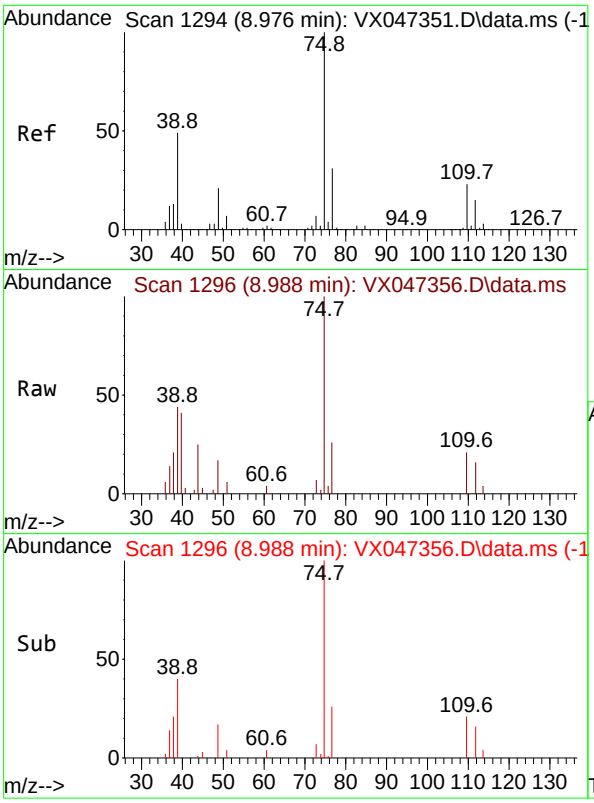


#52
Toluene
Concen: 0.846 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 92 Resp: 7930

Ion	Ratio	Lower	Upper
92	100		
91	168.9	136.3	204.5



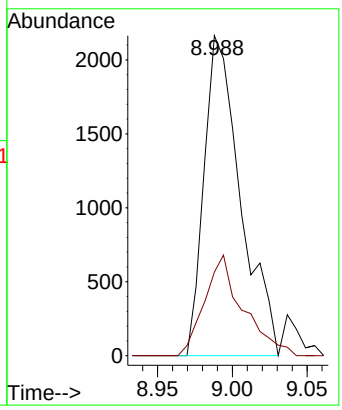


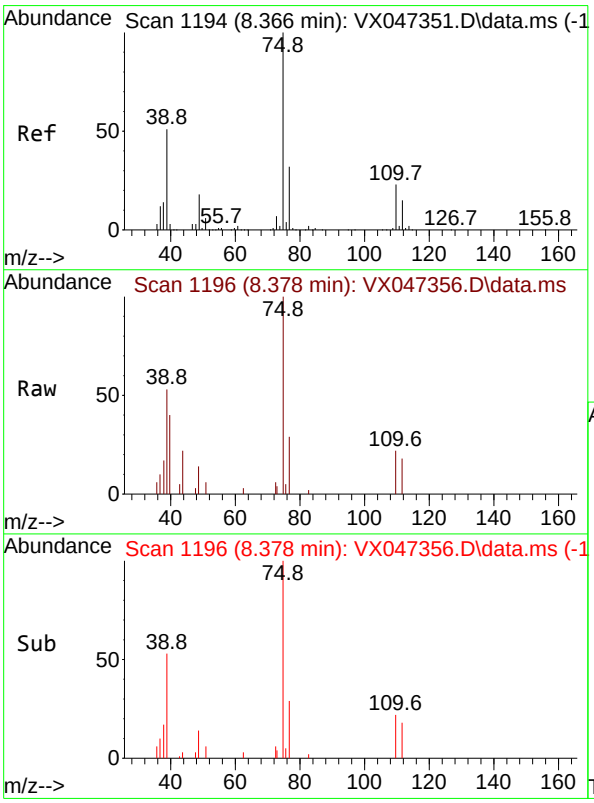
#53
t-1,3-Dichloropropene
Concen: 0.735 ug/l
RT: 8.988 min Scan# 1
Delta R.T. 0.012 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 75 Resp: 3671

Ion	Ratio	Lower	Upper
75	100		
77	26.1	24.7	37.1

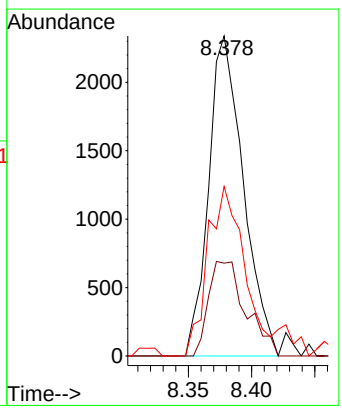


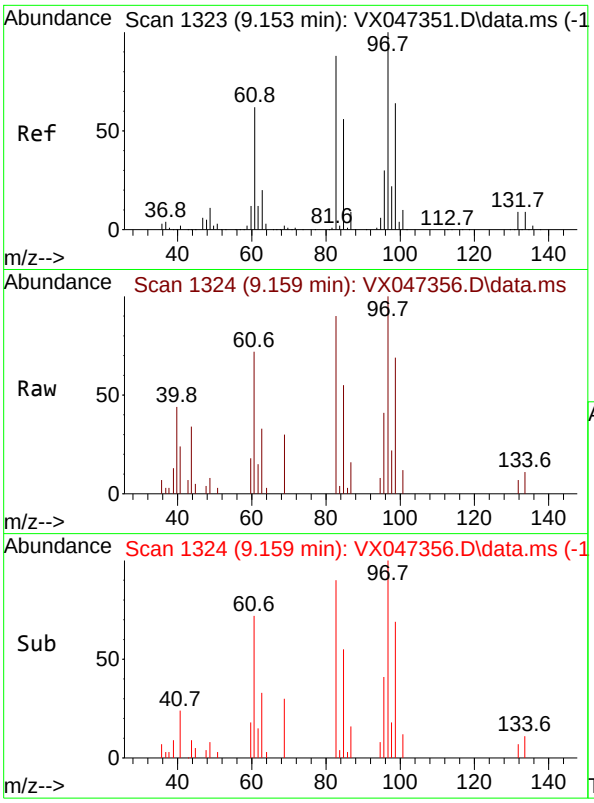


#54
cis-1,3-Dichloropropene
Concen: 0.790 ug/l
RT: 8.378 min Scan# 1196
Delta R.T. 0.012 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 75 Resp: 4466

Ion	Ratio	Lower	Upper
75	100		
77	27.6	25.6	38.4
39	47.5	40.9	61.3



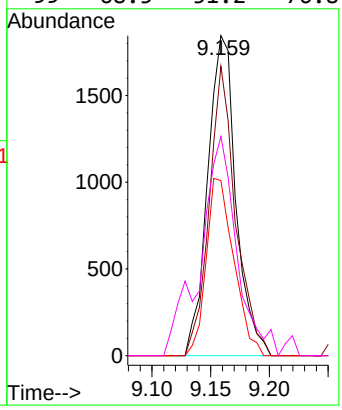


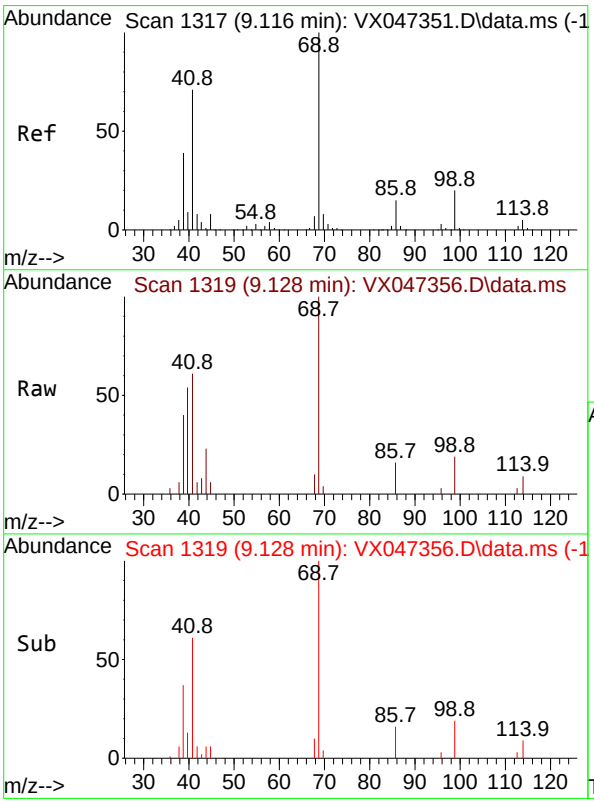
#55
1,1,2-Trichloroethane
Concen: 0.870 ug/l
RT: 9.159 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 97 Resp: 3095

Ion	Ratio	Lower	Upper
97	100		
83	90.4	70.6	106.0
85	54.7	44.7	67.1
99	68.5	51.2	76.8

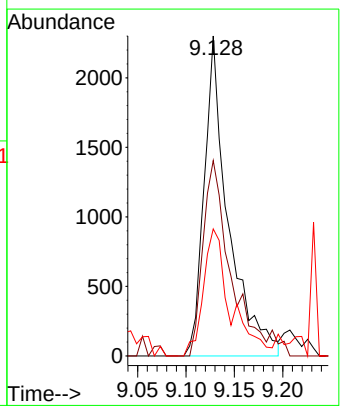


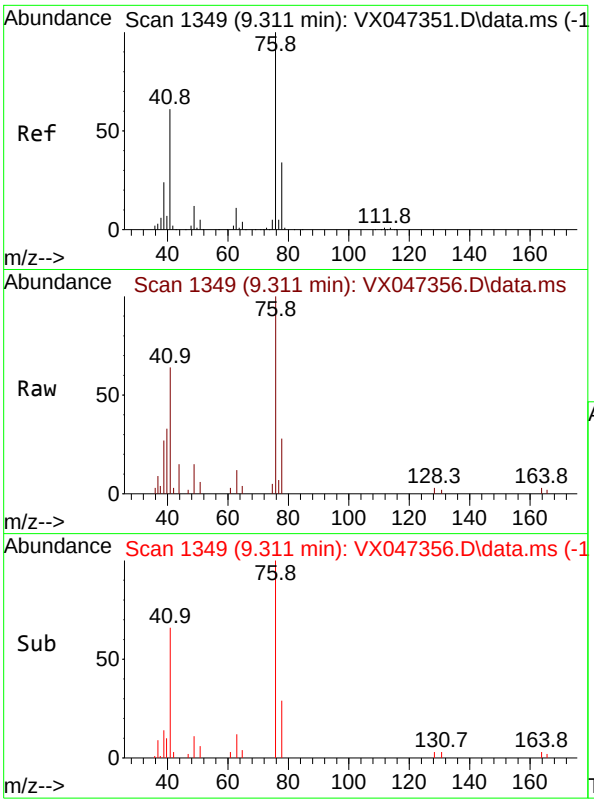


#56
Ethyl methacrylate
Concen: 0.763 ug/l
RT: 9.128 min Scan# 1319
Delta R.T. 0.012 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 69 Resp: 4003

Ion	Ratio	Lower	Upper
69	100		
41	71.7	55.3	82.9
39	44.4	30.2	45.2



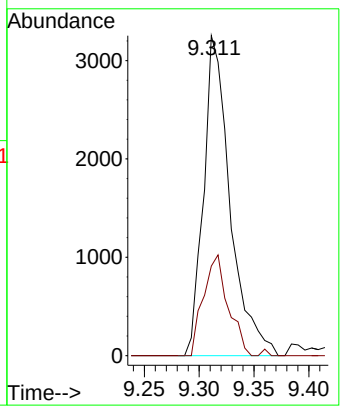


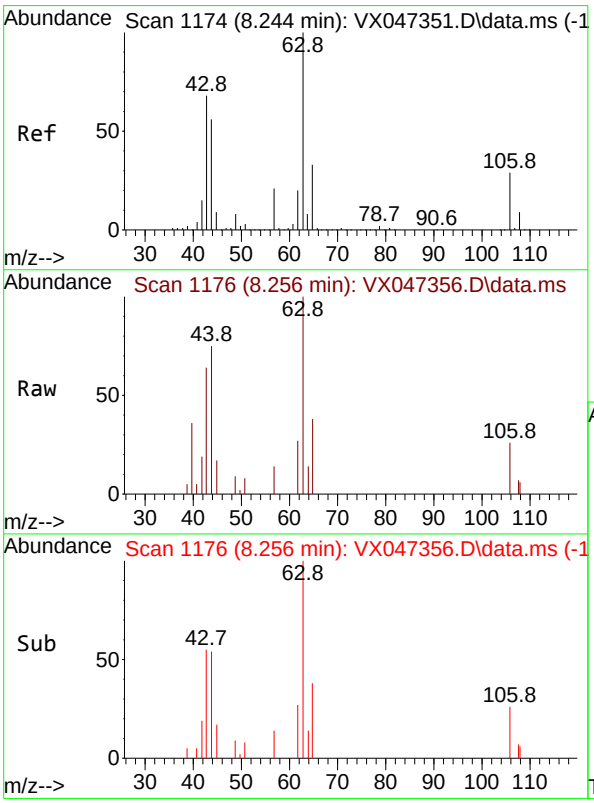
#57
1,3-Dichloropropane
Concen: 0.902 ug/l
RT: 9.311 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 76 Resp: 5471

Ion	Ratio	Lower	Upper
76	100		
78	29.4	26.2	39.2

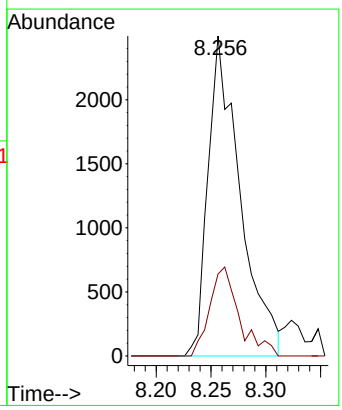


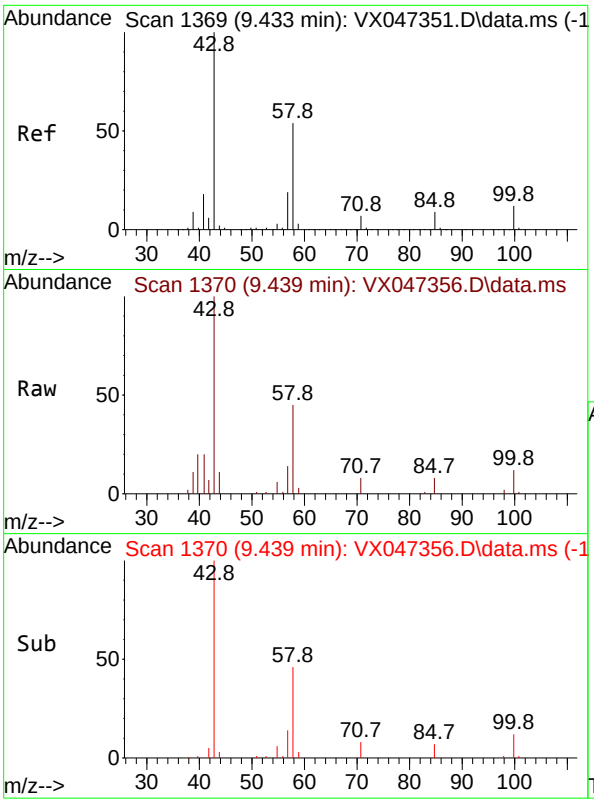


#58
2-Chloroethyl Vinyl ether
Concen: 10.313 ug/l
RT: 8.256 min Scan# 1176
Delta R.T. 0.012 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 63 Resp: 5074

Ion	Ratio	Lower	Upper
63	100		
106	25.6	22.8	34.2



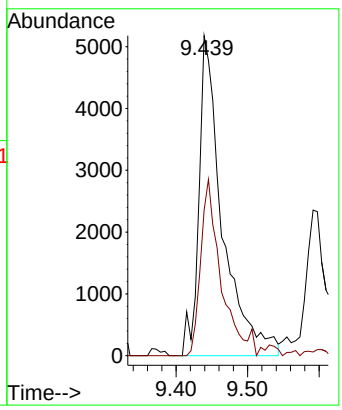


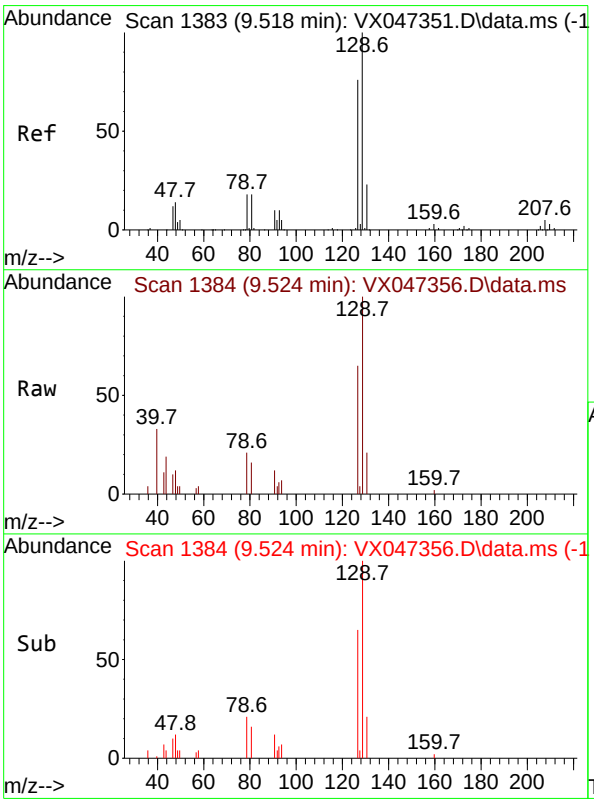
#59
2-Hexanone
Concen: 3.926 ug/l
RT: 9.439 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 11811

Ion	Ratio	Lower	Upper
43	100		
58	48.3	26.9	80.7

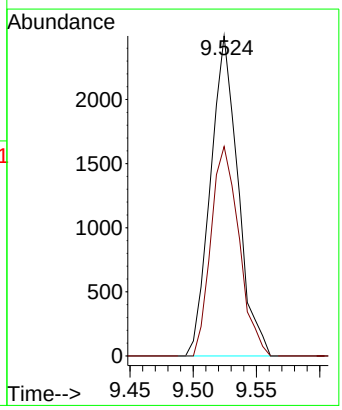


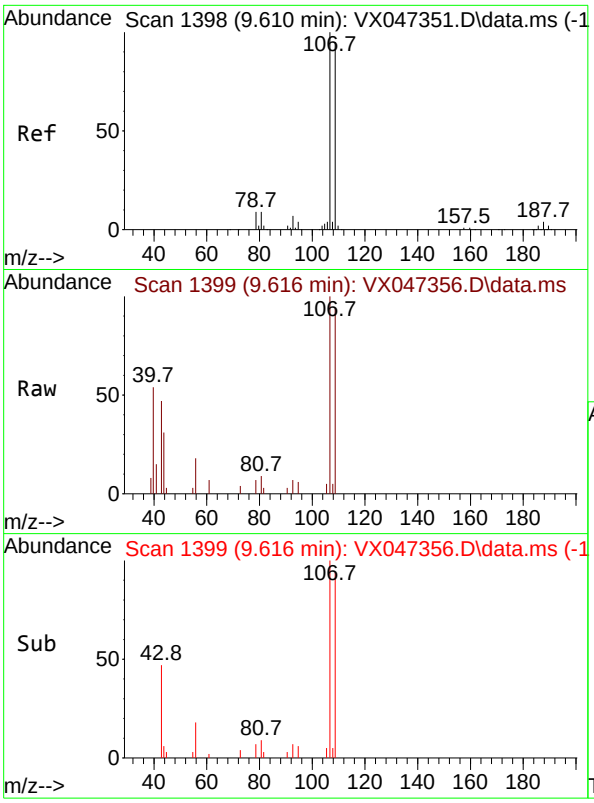


#60
Dibromochloromethane
Concen: 0.893 ug/l
RT: 9.524 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion:129 Resp: 3776

Ion	Ratio	Lower	Upper
129	100		
127	66.8	38.9	116.6



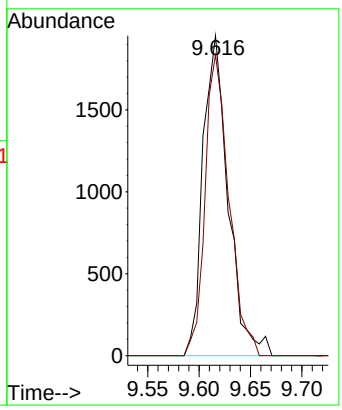


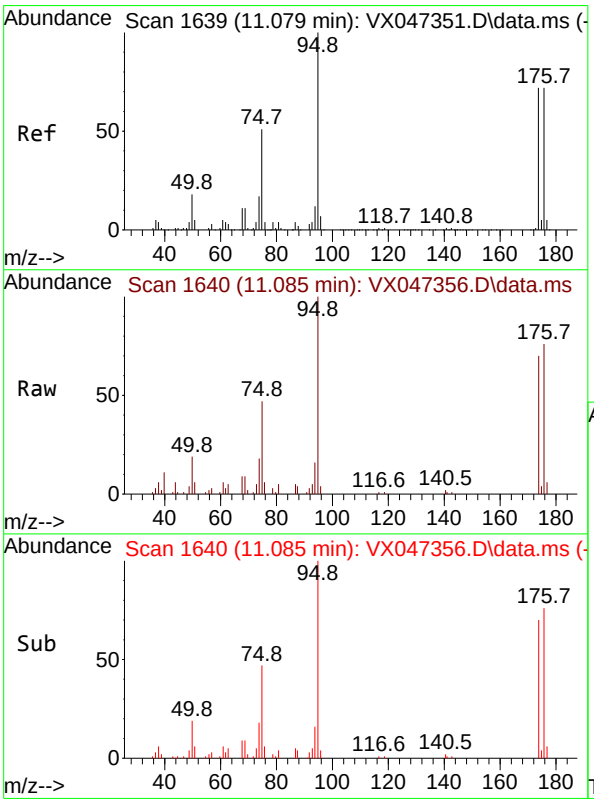
#61
1,2-Dibromoethane
Concen: 0.906 ug/l
RT: 9.616 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:107 Resp: 3325

Ion	Ratio	Lower	Upper
107	100		
109	89.7	76.2	114.2

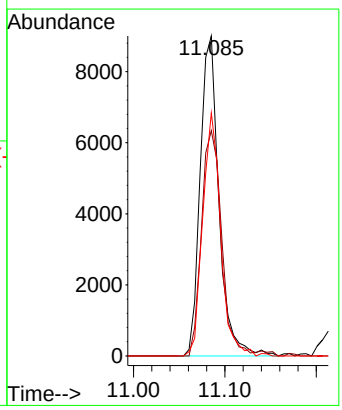


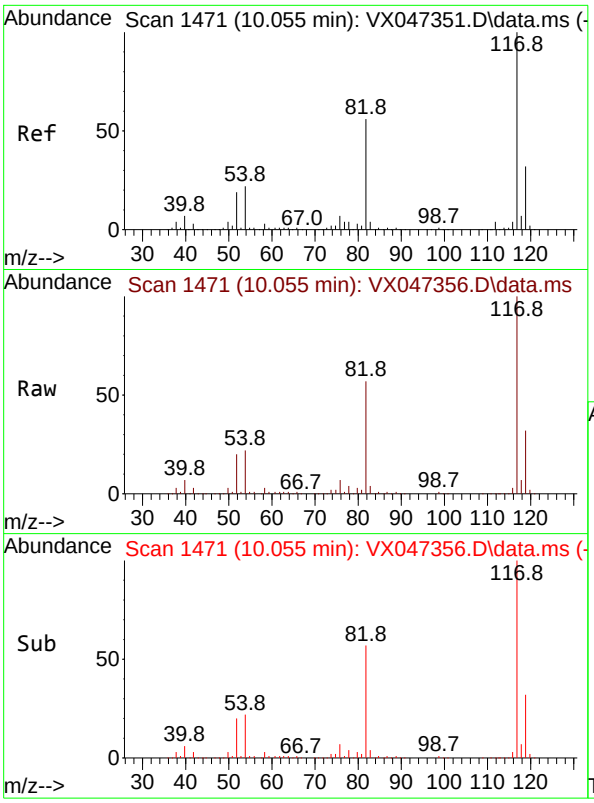


#62
4-Bromofluorobenzene
Concen: 3.023 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 95 Resp: 12800

Ion	Ratio	Lower	Upper
95	100		
174	75.6	0.0	148.0
176	73.1	0.0	145.4



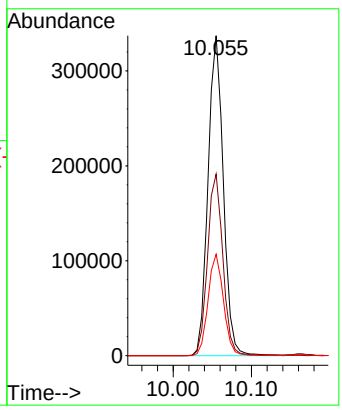


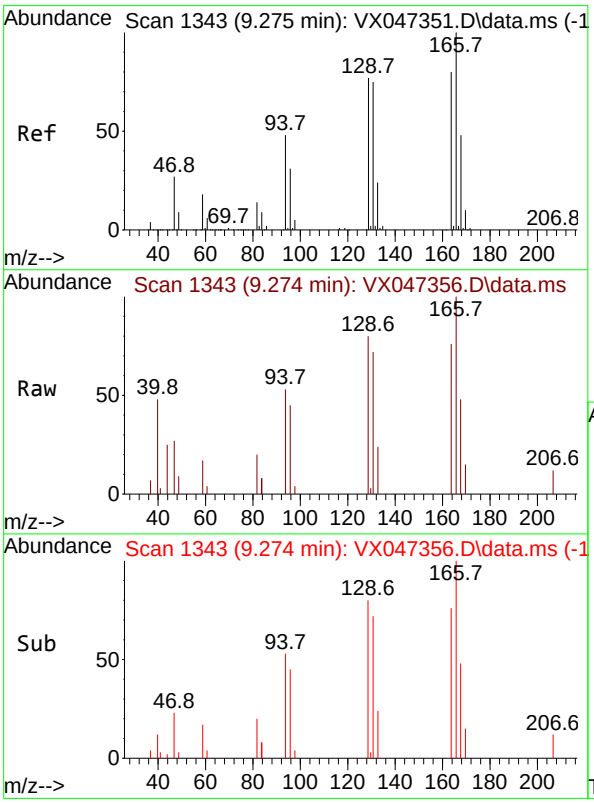
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:117 Resp: 456440

Ion	Ratio	Lower	Upper
117	100		
82	56.8	45.0	67.4
119	31.7	25.8	38.8

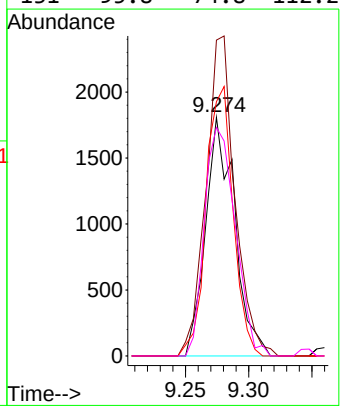


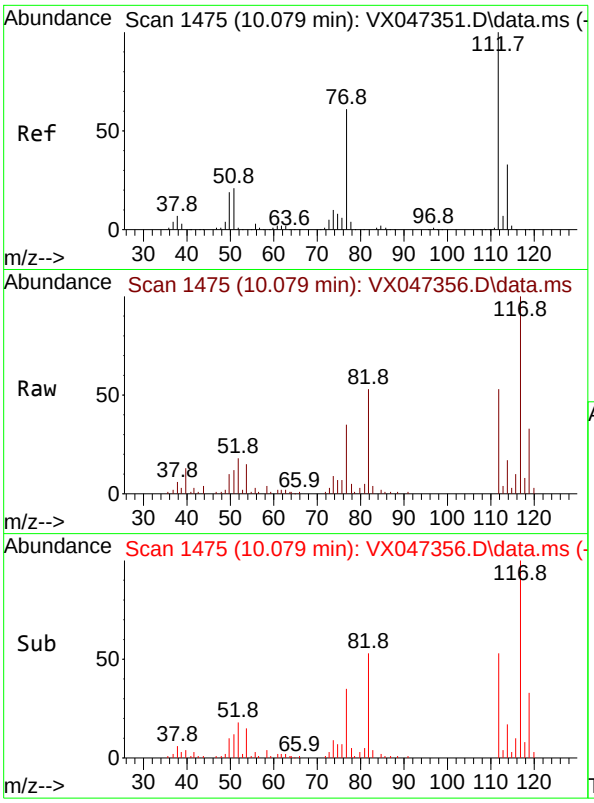


#64
Tetrachloroethene
Concen: 0.875 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion:164 Resp: 2888

Ion	Ratio	Lower	Upper
164	100		
166	132.4	100.3	150.5
129	106.6	77.7	116.5
131	95.8	74.8	112.2



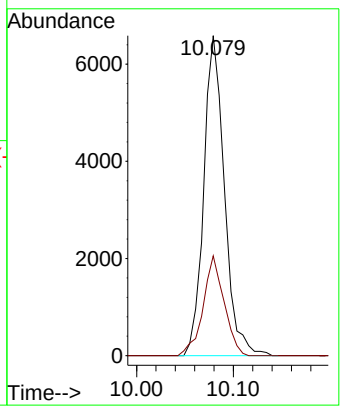


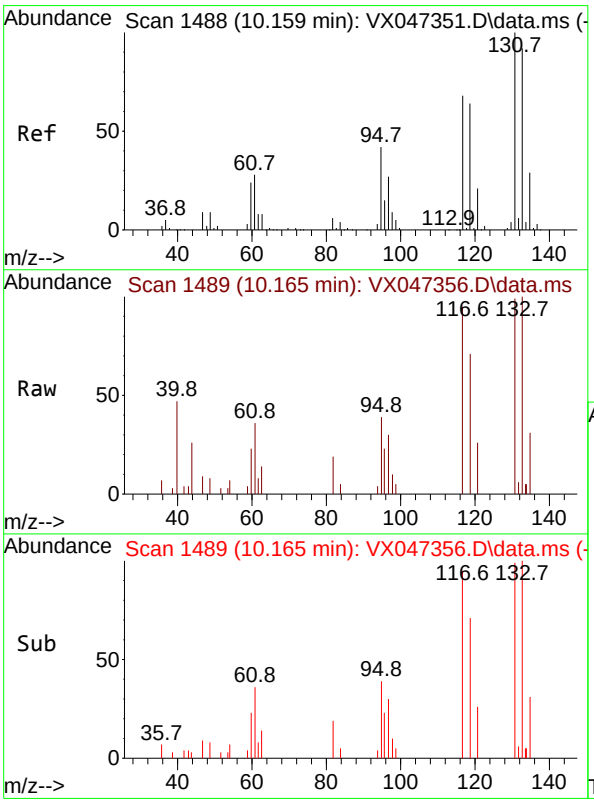
#65
Chlorobenzene
Concen: 0.903 ug/l
RT: 10.079 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:112 Resp: 9799

Ion	Ratio	Lower	Upper
112	100		
114	31.2	26.4	39.6

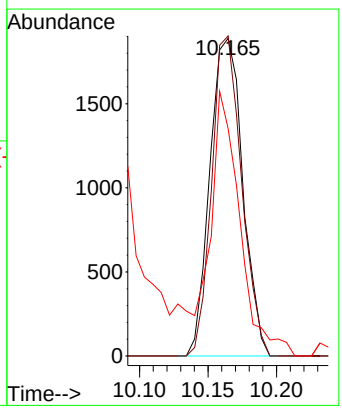


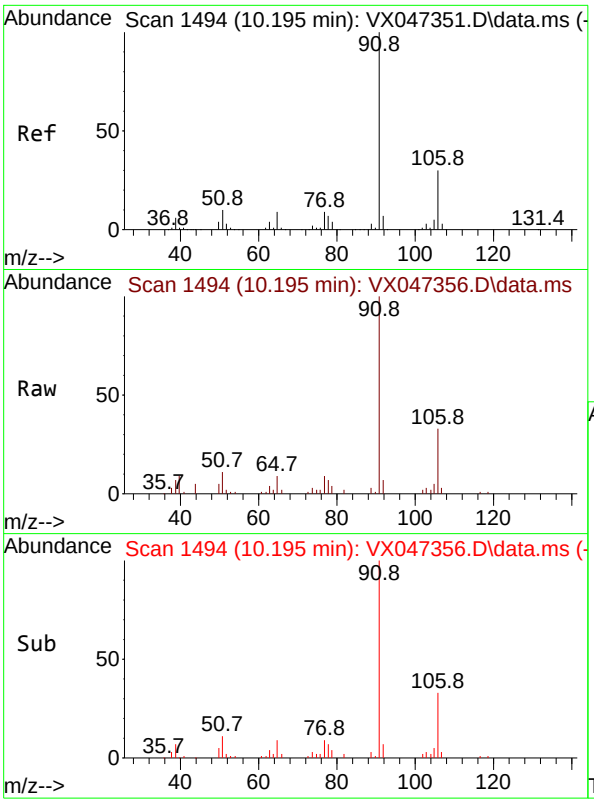


#66
1,1,1,2-Tetrachloroethane
Concen: 0.858 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion:131 Resp: 3146

Ion	Ratio	Lower	Upper
131	100		
133	91.9	47.6	142.9
119	0.0	32.3	96.8#



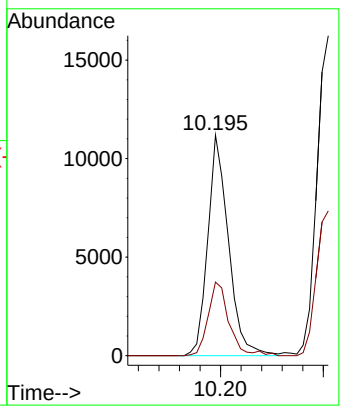


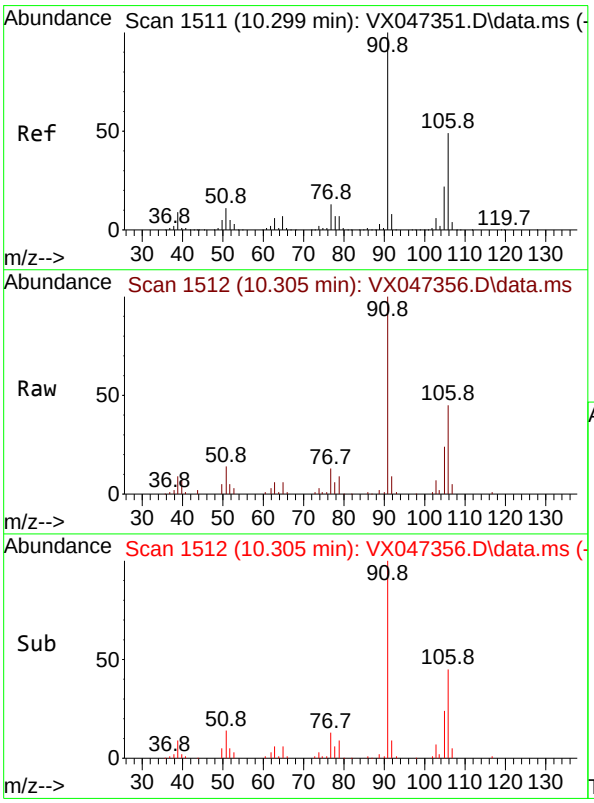
#67
Ethyl Benzene
Concen: 0.840 ug/l
RT: 10.195 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 15680

Ion	Ratio	Lower	Upper
91	100		
106	35.9	24.4	36.6

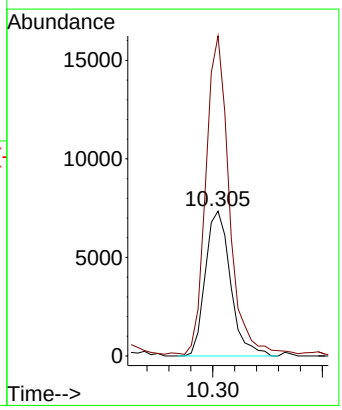


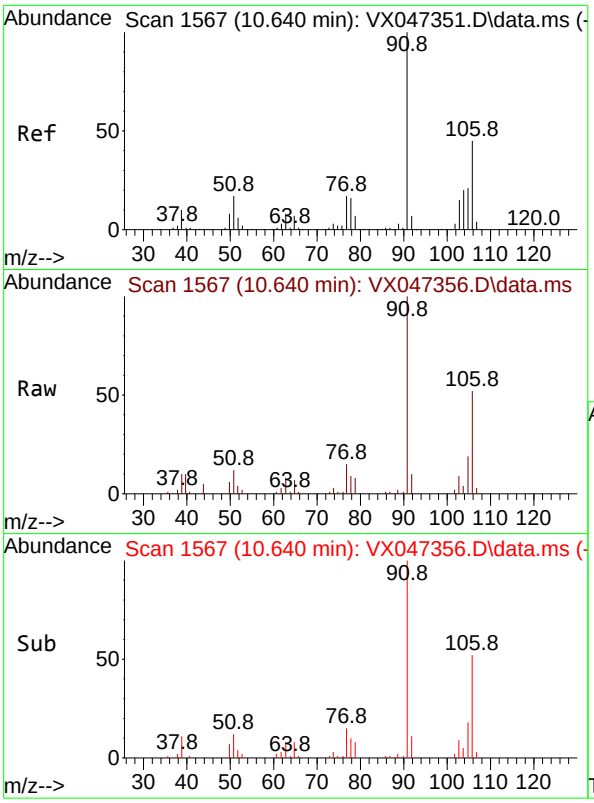


#68
m/p-Xylenes
Concen: 1.683 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion:106 Resp: 11714

Ion	Ratio	Lower	Upper
106	100		
91	203.4	164.7	247.1



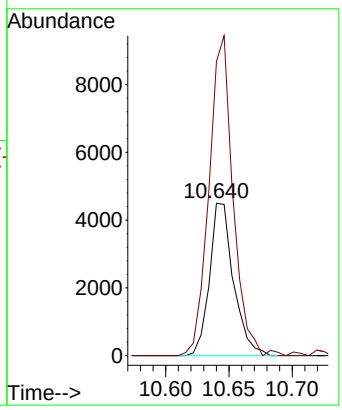


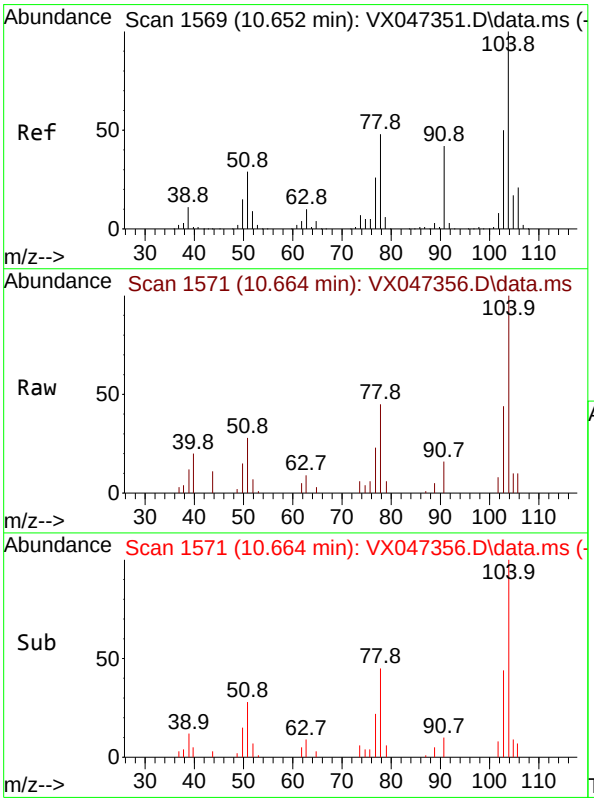
#69
o-Xylene
Concen: 0.887 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:106 Resp: 5943

Ion	Ratio	Lower	Upper
106	100		
91	210.1	110.6	331.8

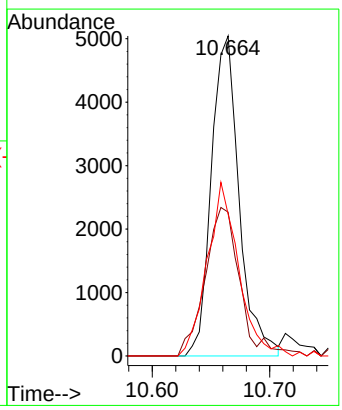


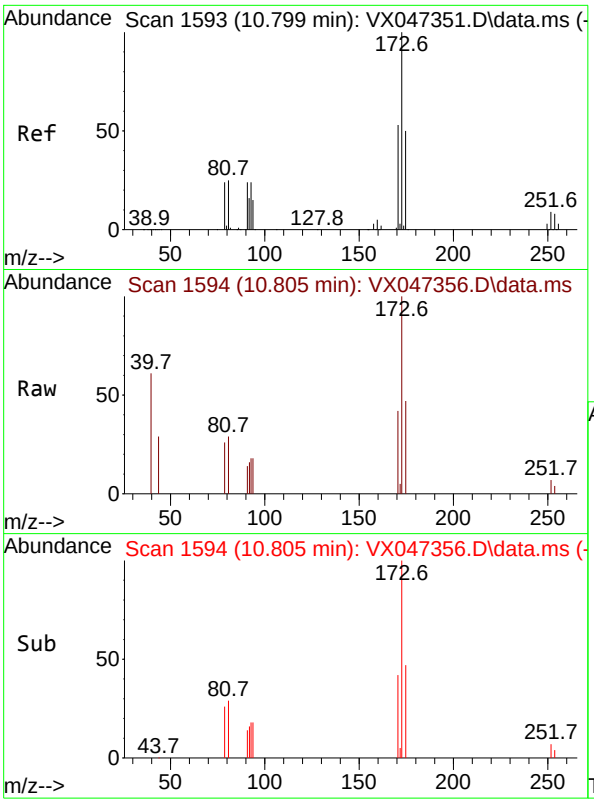


#70
Styrene
Concen: 0.733 ug/l
RT: 10.664 min Scan# 1571
Delta R.T. 0.012 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion:104 Resp: 8294

Ion	Ratio	Lower	Upper
104	100		
78	57.9	41.8	62.8
103	61.2	43.6	65.4



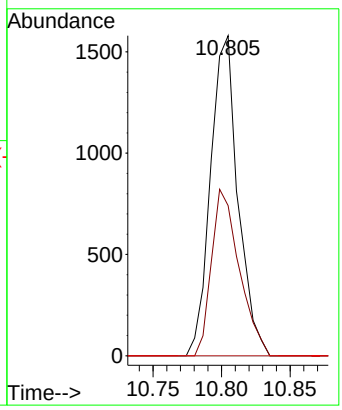


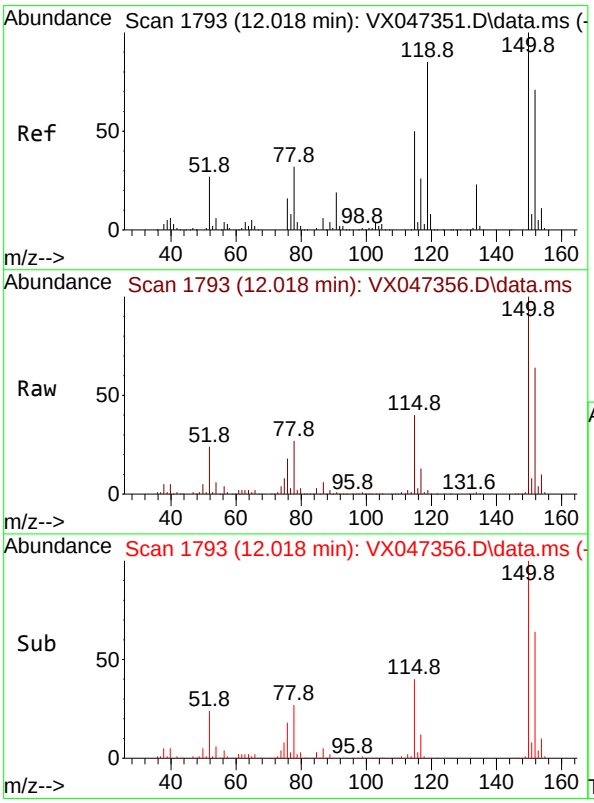
#71
Bromoform
Concen: 0.799 ug/l
RT: 10.805 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:173 Resp: 2201

Ion	Ratio	Lower	Upper
173	100		
175	52.7	24.4	73.4
254	0.0	0.1	0.1#

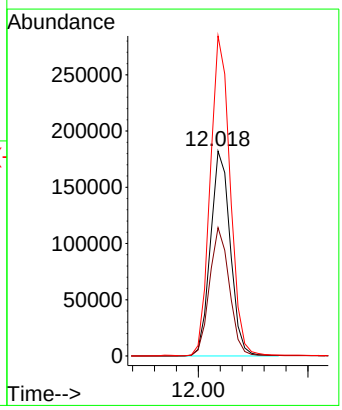


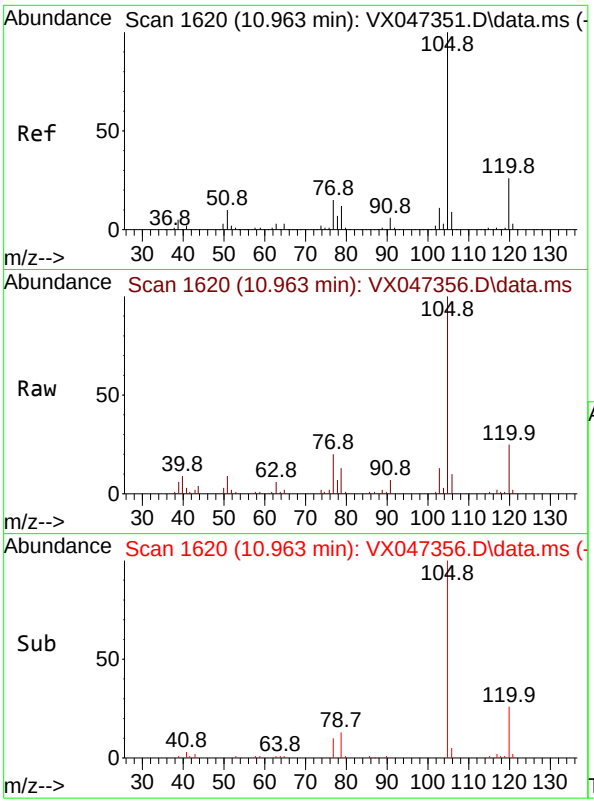


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion:152 Resp: 228745

Ion	Ratio	Lower	Upper
152	100		
115	63.1	44.6	133.8
150	157.4	0.0	349.8



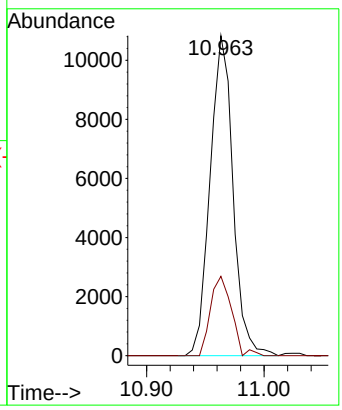


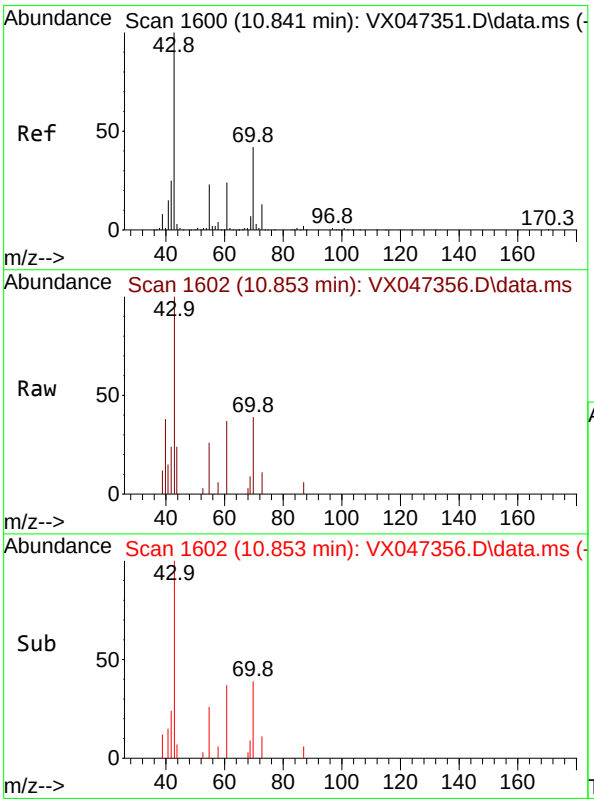
#73
Isopropylbenzene
Concen: 0.821 ug/l
RT: 10.963 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:105 Resp: 14688

Ion	Ratio	Lower	Upper
105	100		
120	22.9	12.9	38.6

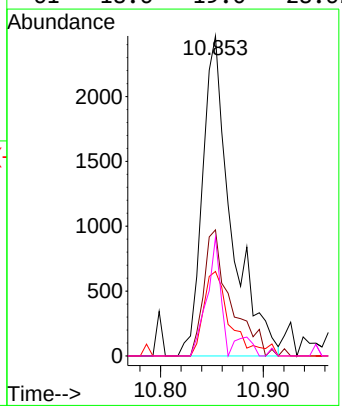


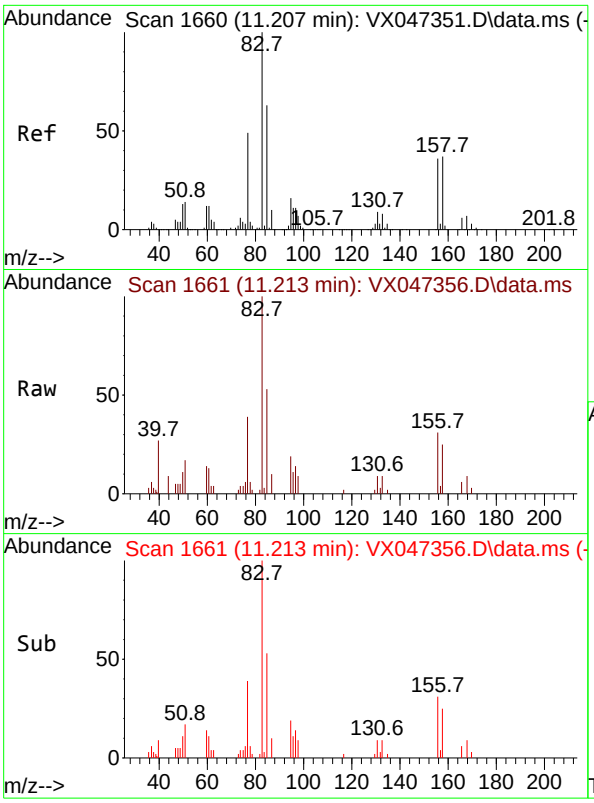


#74
N-amyl acetate
Concen: 0.705 ug/l
RT: 10.853 min Scan# 1602
Delta R.T. 0.012 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 43 Resp: 4792

Ion	Ratio	Lower	Upper
43	100		
70	37.3	33.1	49.7
55	24.5	19.0	28.6
61	18.6	19.0	28.6#



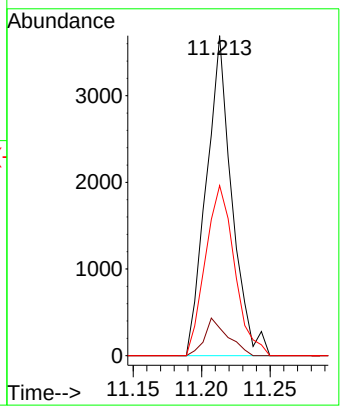


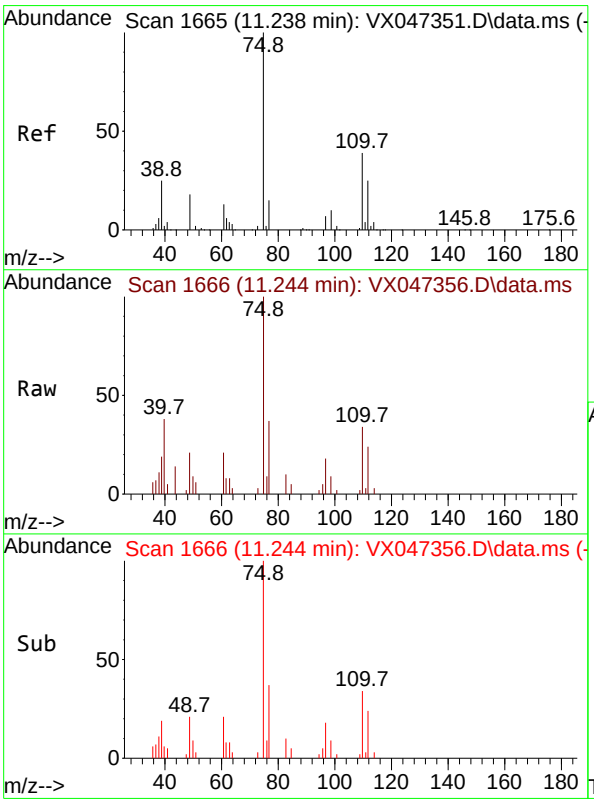
#75
1,1,2,2-Tetrachloroethane
Concen: 0.909 ug/l
RT: 11.213 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 83 Resp: 4778

Ion	Ratio	Lower	Upper
83	100		
131	10.7	5.0	15.0
85	60.9	31.7	95.1

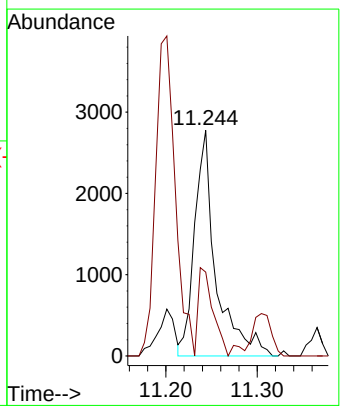


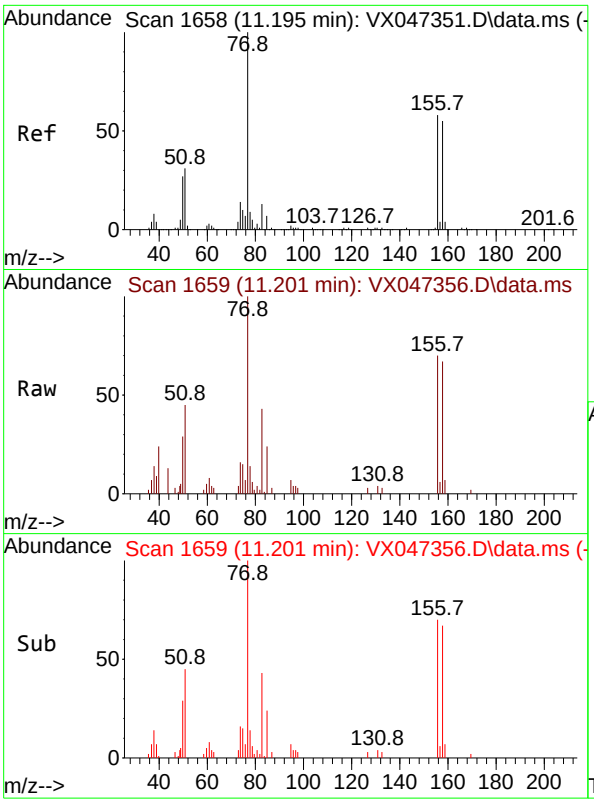


#76
1,2,3-Trichloropropane
Concen: 1.074 ug/l
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 75 Resp: 4507

Ion	Ratio	Lower	Upper
75	100		
77	27.1	19.4	58.2



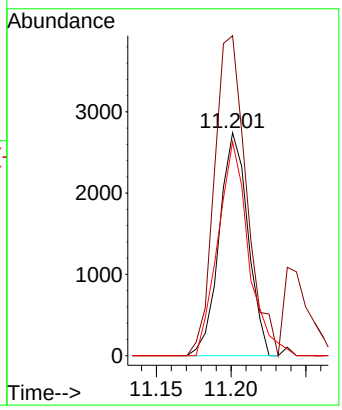


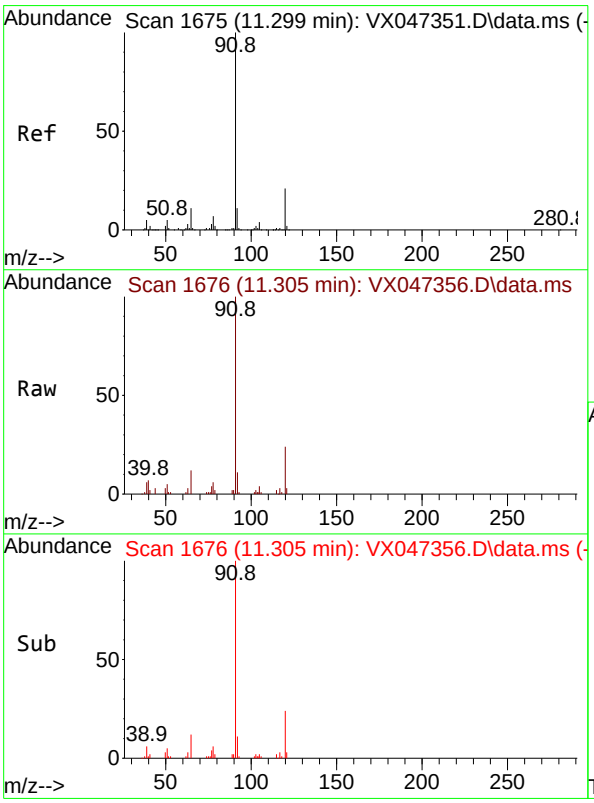
#77
Bromobenzene
Concen: 0.835 ug/l
RT: 11.201 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:156 Resp: 3648

Ion	Ratio	Lower	Upper
156	100		
77	160.5	86.3	258.9
158	102.7	48.0	144.2

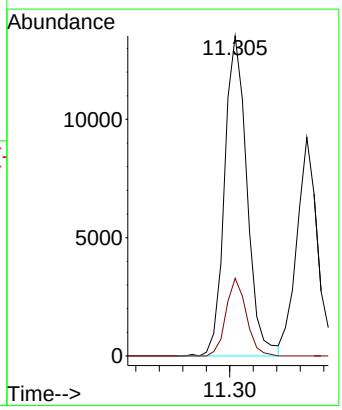


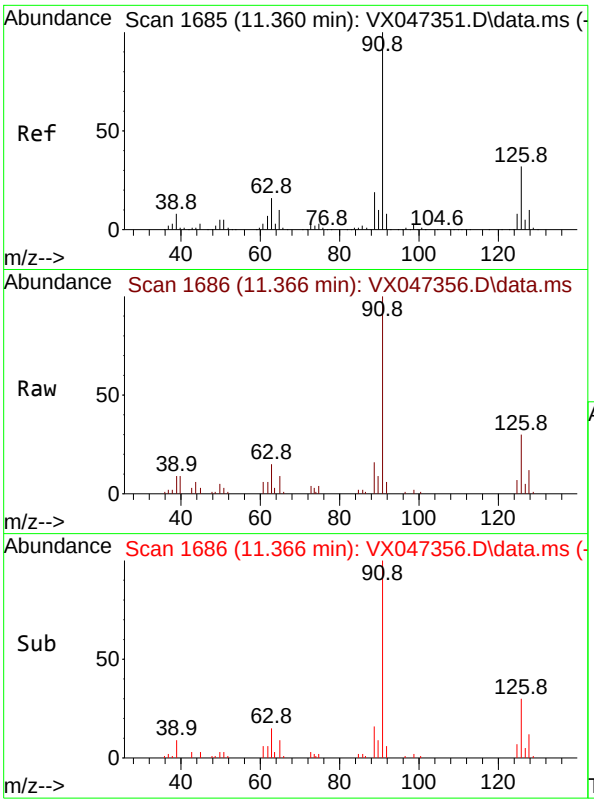


#78
n-propylbenzene
Concen: 0.836 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 91 Resp: 17866

Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.0	33.0



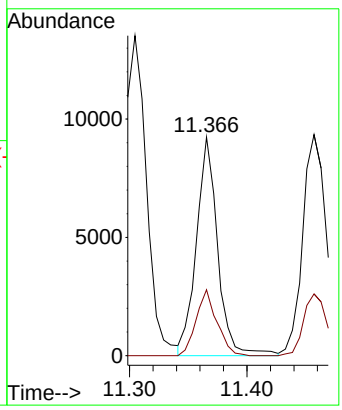


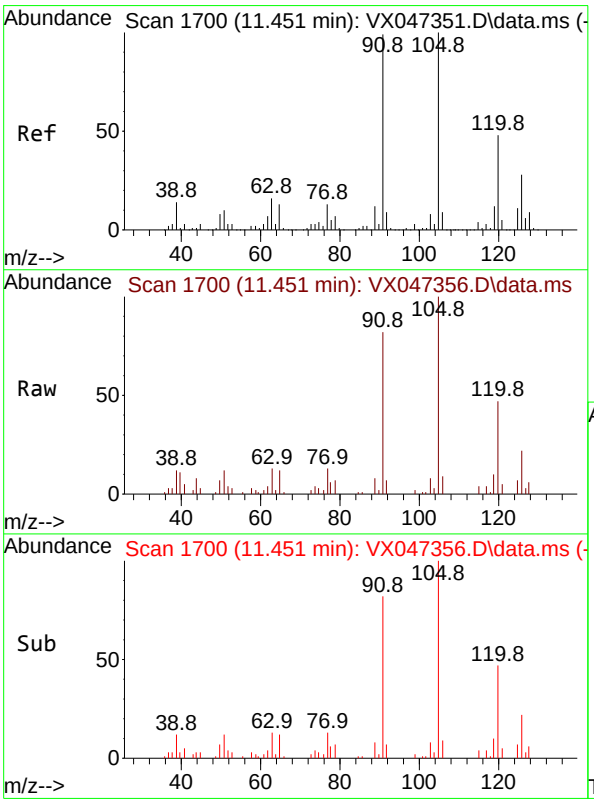
#79
2-Chlorotoluene
Concen: 0.901 ug/l
RT: 11.366 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 11644

Ion	Ratio	Lower	Upper
91	100		
126	29.4	16.7	50.1

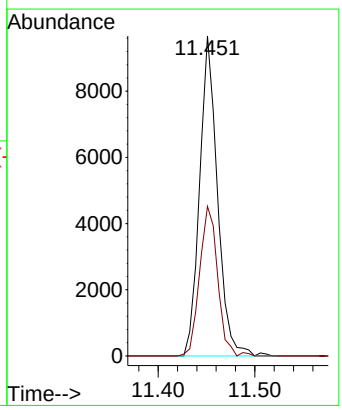


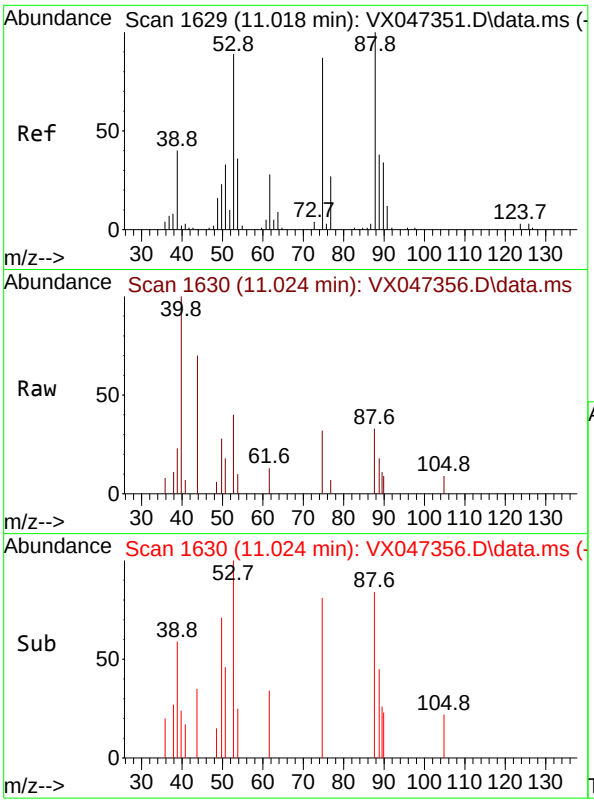


#80
1,3,5-Trimethylbenzene
Concen: 0.844 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion:105 Resp: 12427

Ion	Ratio	Lower	Upper
105	100		
120	47.2	23.9	71.7



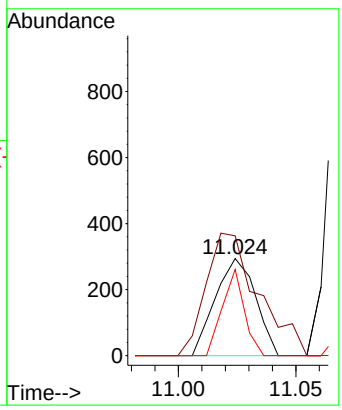


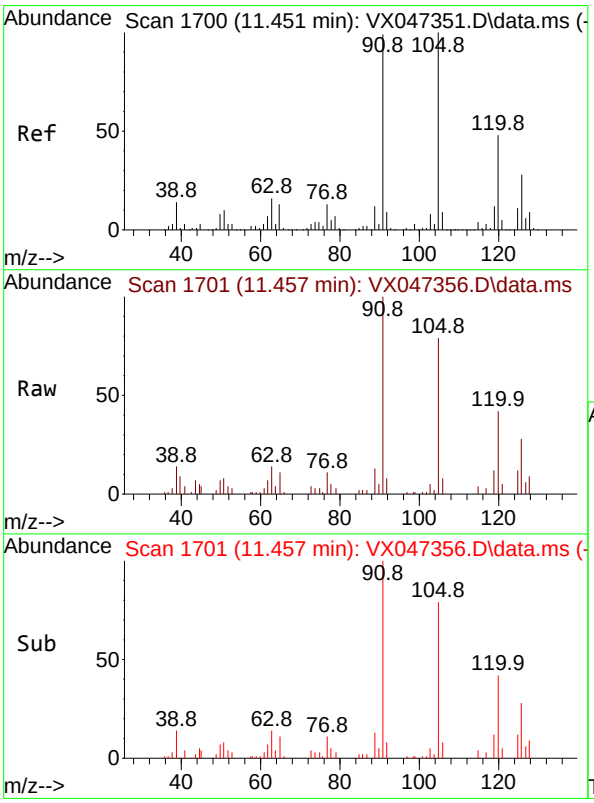
#81
trans-1,4-Dichloro-2-butene
Concen: 8.171 ug/l
RT: 11.024 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 75 Resp: 351

Ion	Ratio	Lower	Upper
75	100		
53	164.4	85.2	127.8#
89	48.4	36.7	55.1

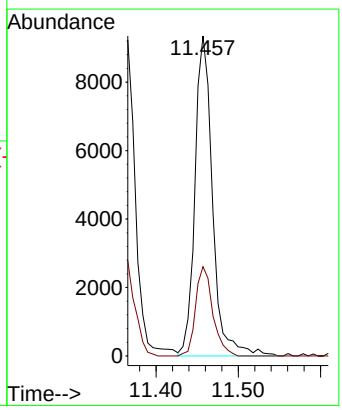


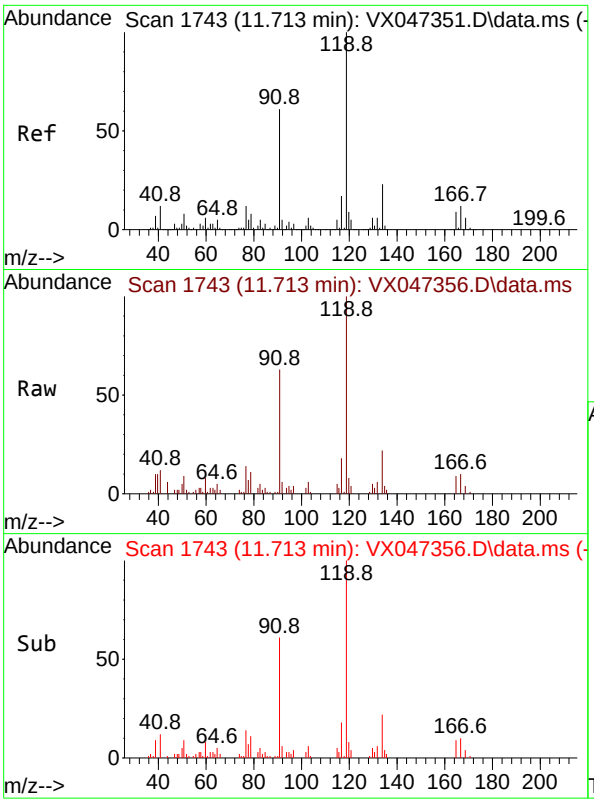


#82
4-Chlorotoluene
Concen: 0.914 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 91 Resp: 13922

Ion	Ratio	Lower	Upper
91	100		
126	27.2	14.4	43.0



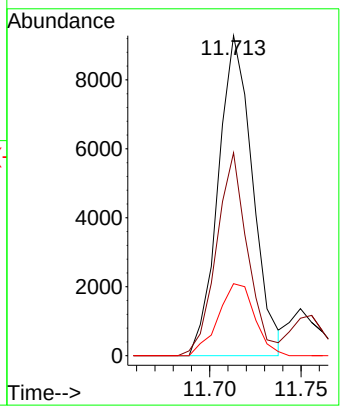


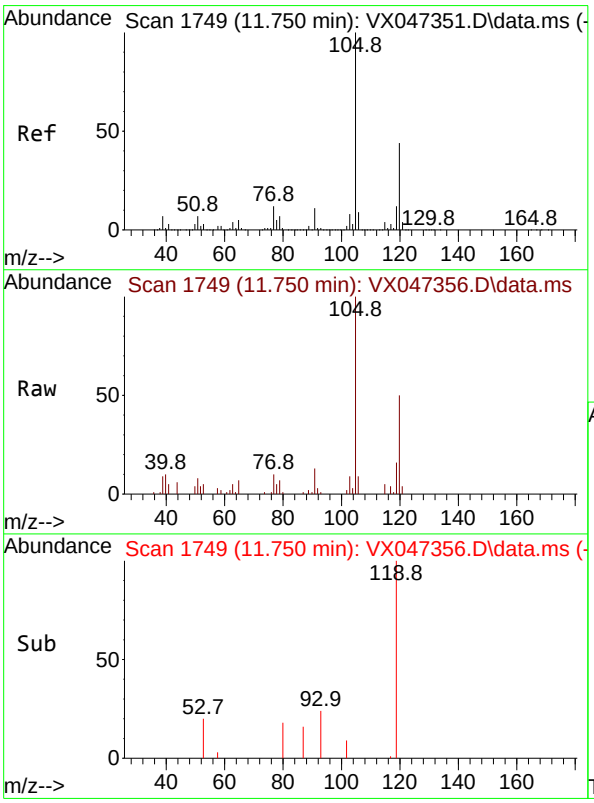
#83
tert-Butylbenzene
Concen: 0.828 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:119 Resp: 12162

Ion	Ratio	Lower	Upper
119	100		
91	58.0	29.1	87.4
134	24.0	11.3	33.9

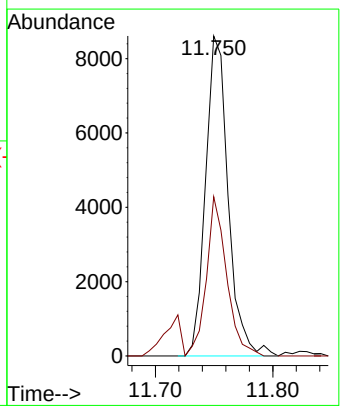


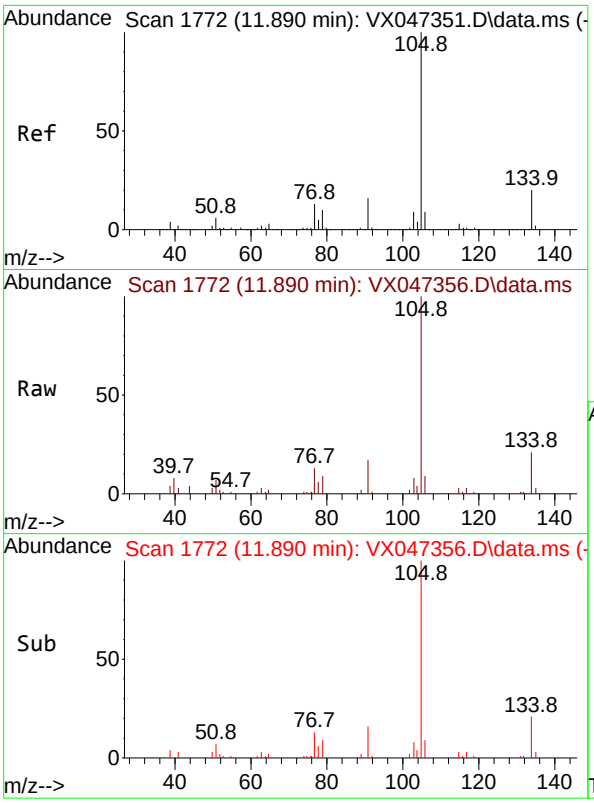


#84
1,2,4-Trimethylbenzene
Concen: 0.781 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion:105 Resp: 11509

Ion	Ratio	Lower	Upper
105	100		
120	44.5	21.9	65.7



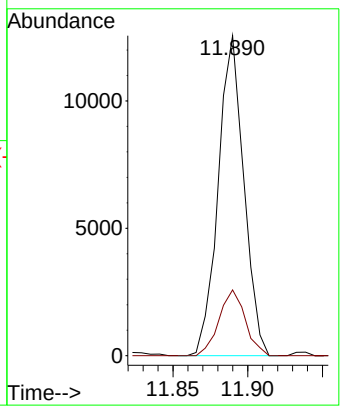


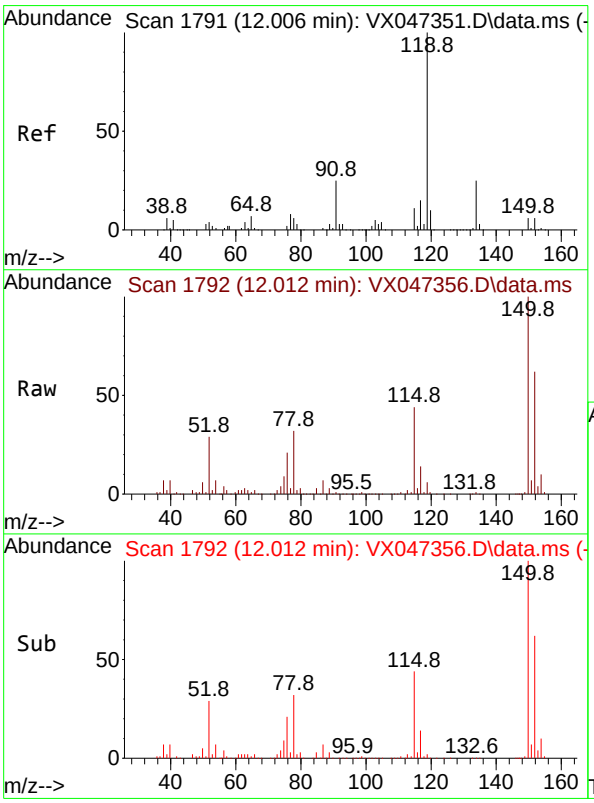
#85
sec-Butylbenzene
Concen: 0.822 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:105 Resp: 14973

Ion	Ratio	Lower	Upper
105	100		
134	21.0	9.8	29.5

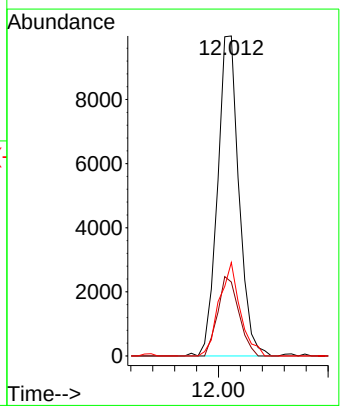


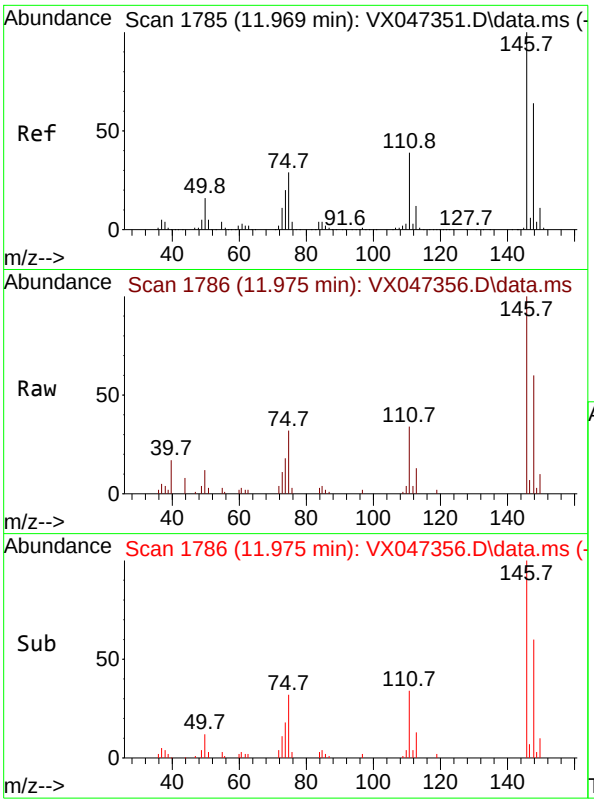


#86
p-Isopropyltoluene
Concen: 0.879 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion:119 Resp: 13546

Ion	Ratio	Lower	Upper
119	100		
134	24.5	12.8	38.4
91	28.7	12.4	37.4



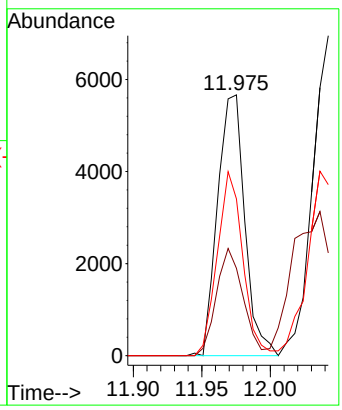


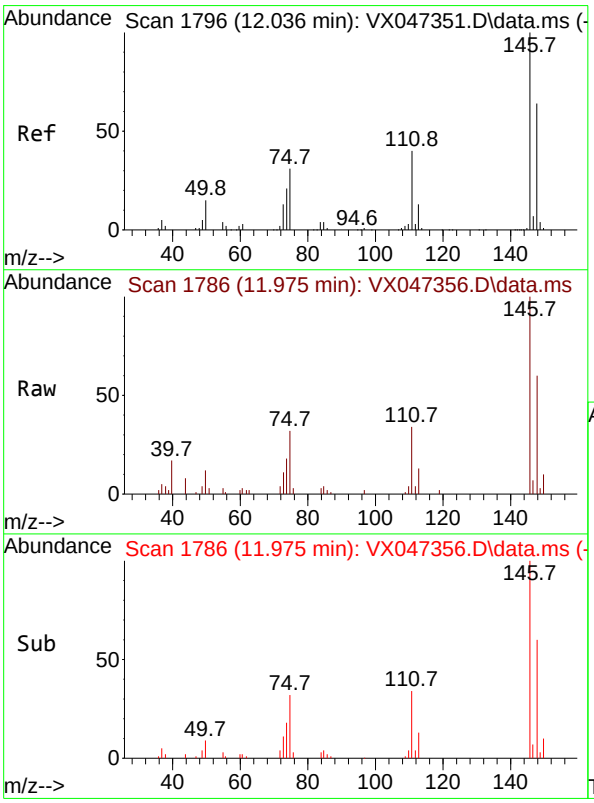
#87
1,3-Dichlorobenzene
Concen: 0.937 ug/l
RT: 11.975 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:146 Resp: 7821

Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.6	61.8
148	66.5	31.9	95.5

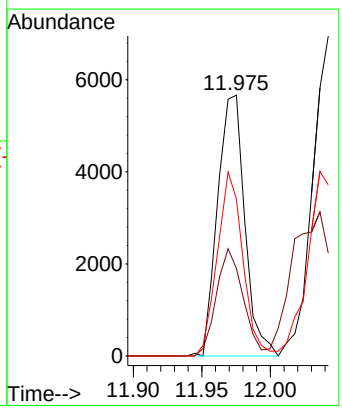


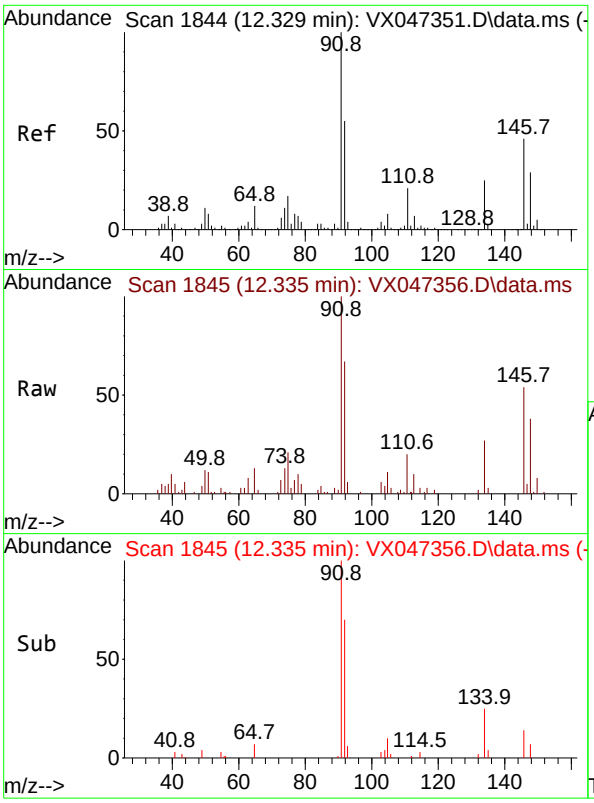


#88
1,4-Dichlorobenzene
Concen: 0.911 ug/l
RT: 11.975 min Scan# 1786
Delta R.T. -0.061 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion:146 Resp: 7821

Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.4	61.2
148	66.5	31.7	95.1



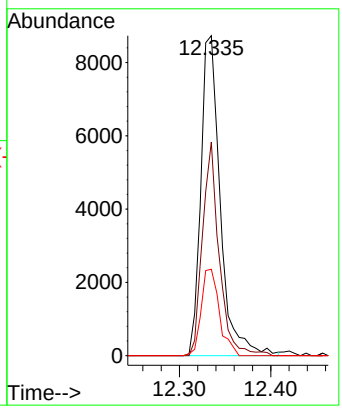


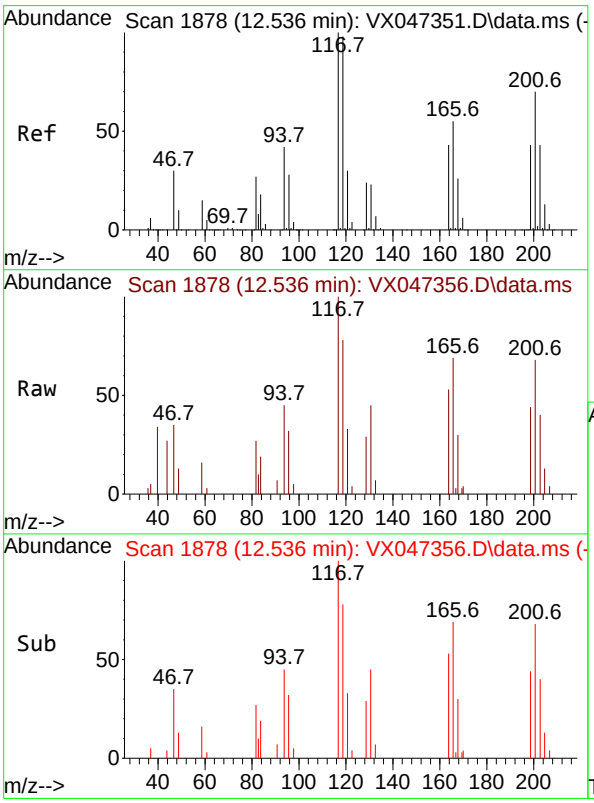
#89
n-Butylbenzene
Concen: 0.899 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 12883

Ion	Ratio	Lower	Upper
91	100		
92	57.4	27.2	81.5
134	25.2	12.6	37.8

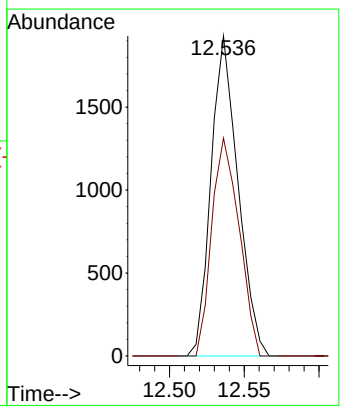


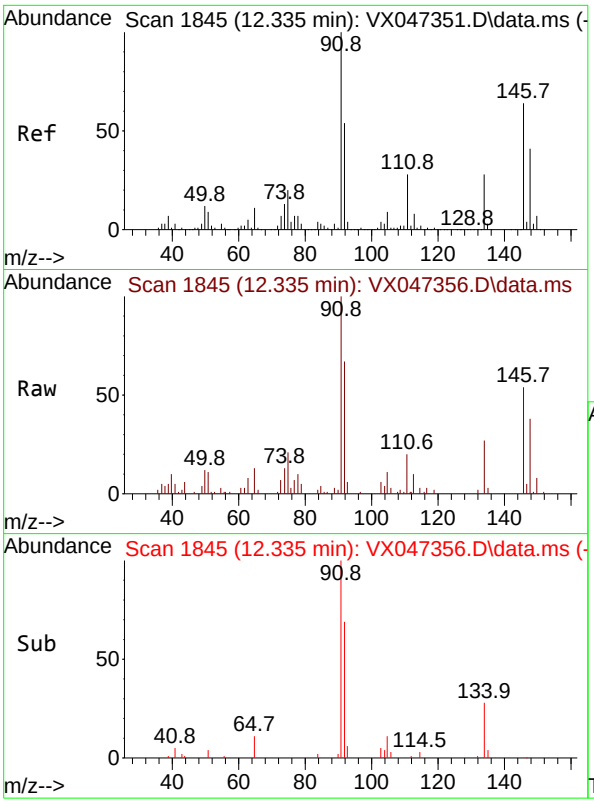


#90
Hexachloroethane
Concen: 0.895 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion:117 Resp: 2421

Ion	Ratio	Lower	Upper
117	100		
201	68.9	35.1	105.3



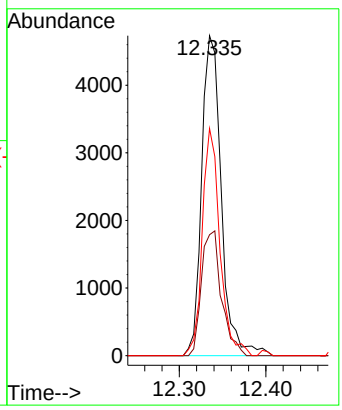


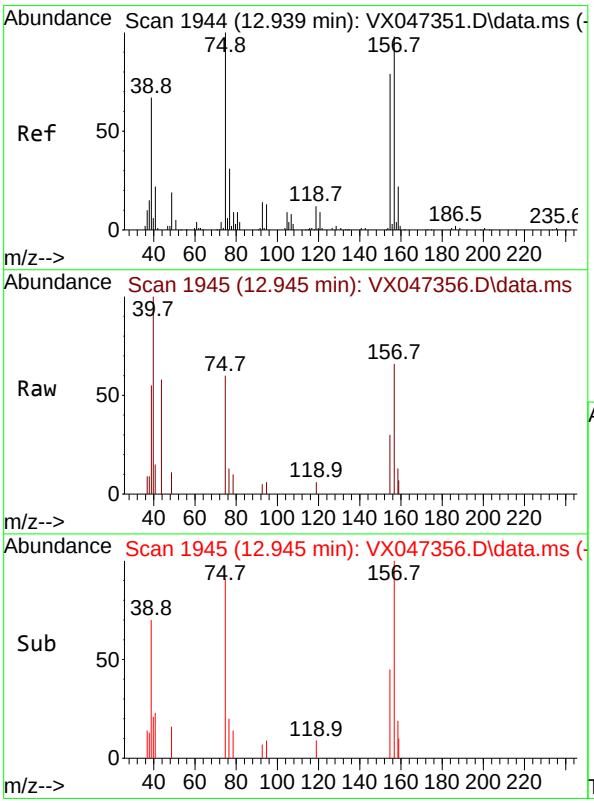
#91
1,2-Dichlorobenzene
Concen: 0.941 ug/l
RT: 12.335 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:146 Resp: 7461

Ion	Ratio	Lower	Upper
146	100		
111	39.8	22.1	66.1
148	63.5	31.9	95.5

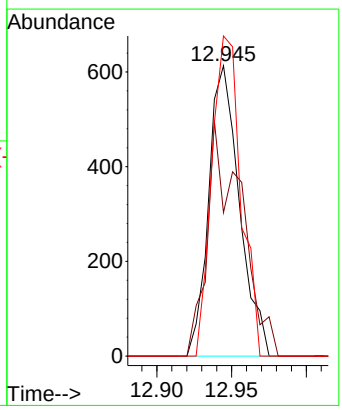


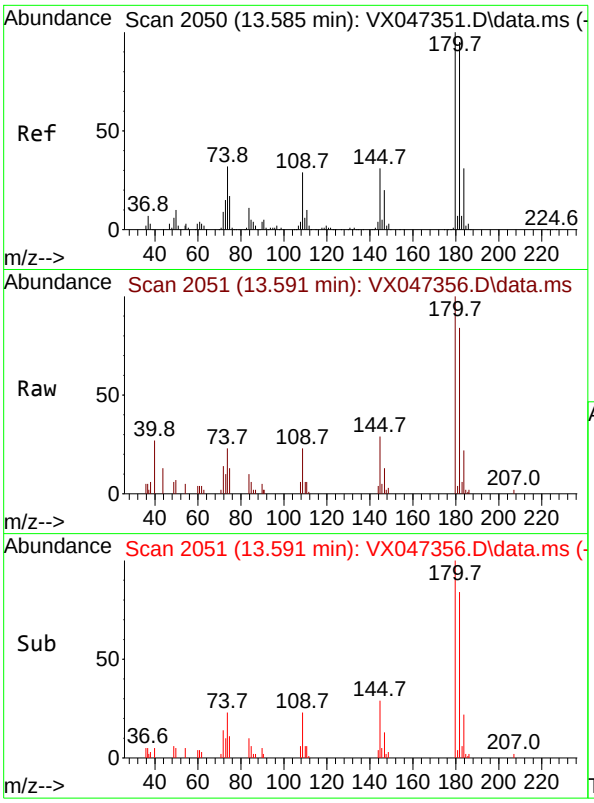


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.862 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 75 Resp: 876

Ion	Ratio	Lower	Upper
75	100		
155	89.8	41.3	123.7
157	104.6	51.5	154.5



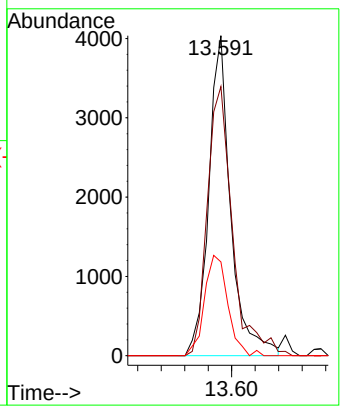


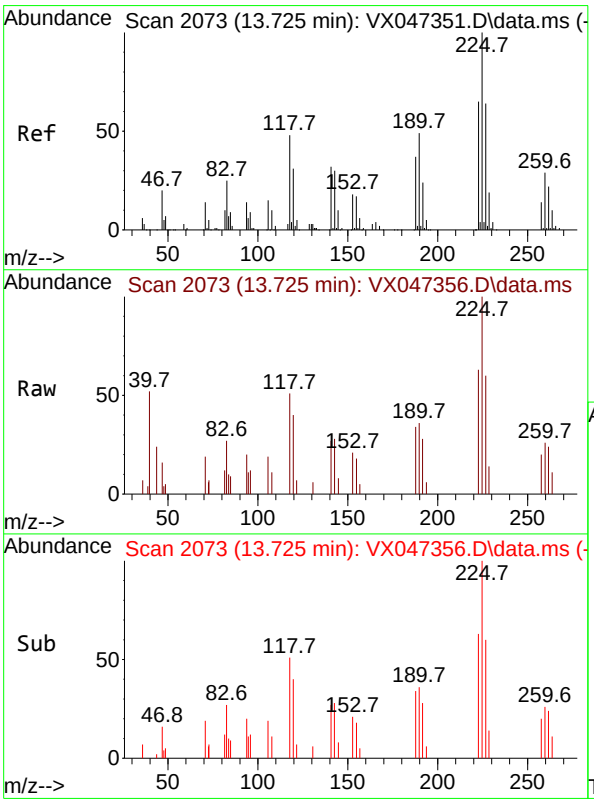
#93
1,2,4-Trichlorobenzene
Concen: 0.985 ug/l
RT: 13.591 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:180 Resp: 5232

Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.1	144.4
145	33.3	16.2	48.5

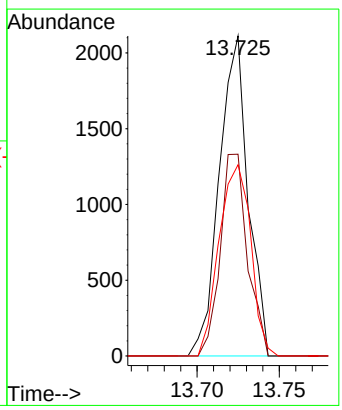


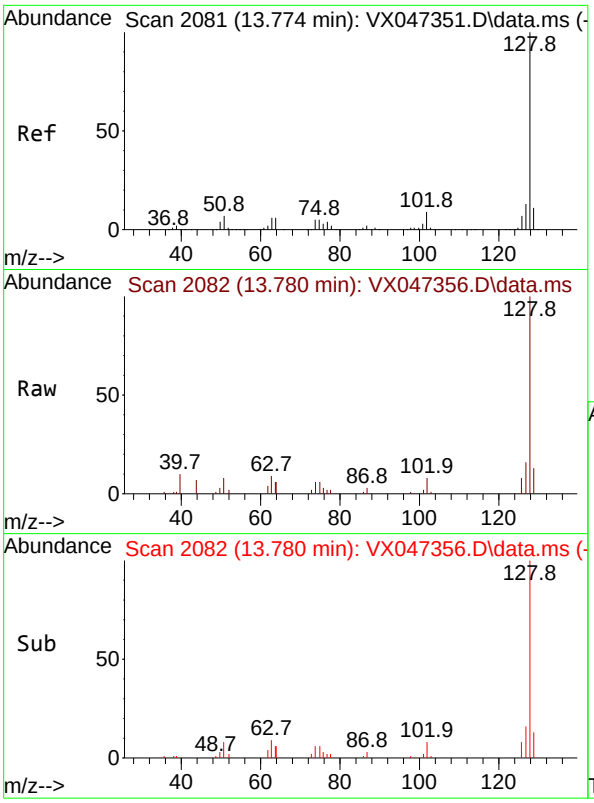


#94
Hexachlorobutadiene
Concen: 1.360 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion:225 Resp: 2573

Ion	Ratio	Lower	Upper
225	100		
223	59.5	32.2	96.6
227	65.8	31.6	95.0



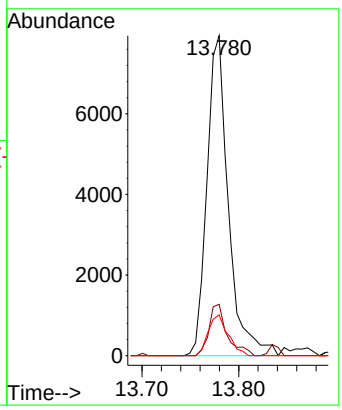


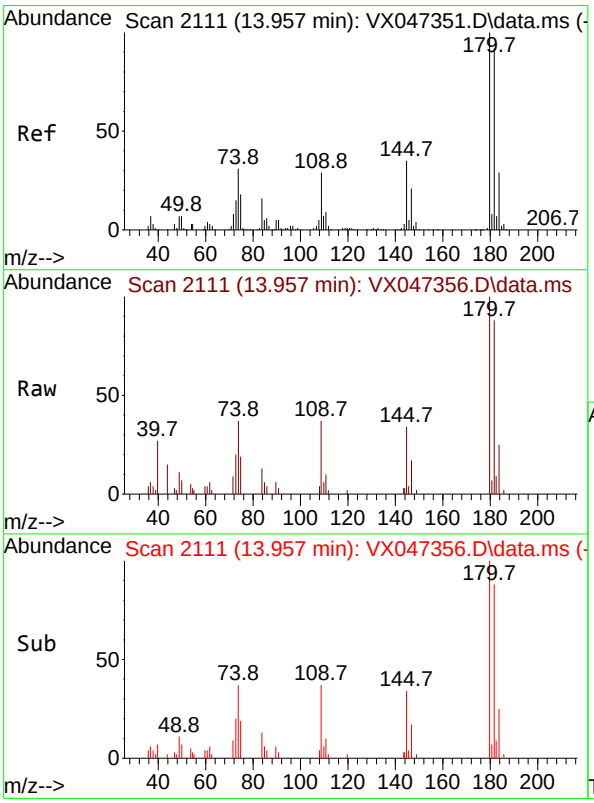
#95
Naphthalene
Concen: 0.805 ug/l
RT: 13.780 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:128 Resp: 12231

Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.1	15.1
129	11.8	8.7	13.1

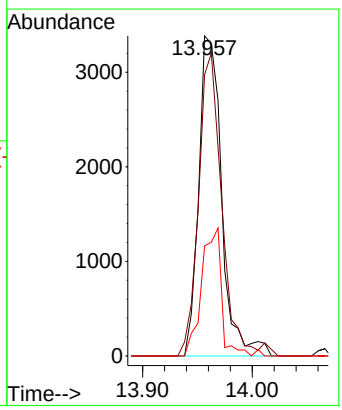




#96
1,2,3-Trichlorobenzene
Concen: 0.982 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion:180 Resp: 4918

Ion	Ratio	Lower	Upper
180	100		
182	94.7	48.0	144.2
145	34.9	17.4	52.2



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047357.D
Acq On : 15 Aug 2025 13:11
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Quant Time: Aug 18 04:22:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	250887	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	427543	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	379004	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	185789	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	192241	54.750	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.500%			
35) Dibromofluoromethane	5.391	113	153967	55.488	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.980%			
50) Toluene-d8	8.647	98	540007	54.448	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 108.900%			
62) 4-Bromofluorobenzene	11.079	95	200280	54.723	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.440%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	166246	51.981	ug/l	99
3) Chloromethane	1.313	50	143779	49.973	ug/l	96
4) Vinyl Chloride	1.392	62	183527	50.822	ug/l	97
5) Bromomethane	1.630	94	81779	56.066	ug/l	98
6) Chloroethane	1.703	64	109193	49.421	ug/l	99
7) Trichlorofluoromethane	1.904	101	266531	49.898	ug/l	99
8) Diethyl Ether	2.148	74	94290	50.132	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.343	101	155403	50.154	ug/l	99
10) Methyl Iodide	2.465	142	238348	44.887	ug/l	99
11) Tert butyl alcohol	2.959	59	70101	229.494	ug/l	97
12) 1,1-Dichloroethene	2.337	96	158941	50.316	ug/l	99
13) Acrolein	2.245	56	133586	207.171	ug/l	99
14) Allyl chloride	2.678	41	271599	49.503	ug/l	100
15) Acrylonitrile	3.075	53	369146	250.094	ug/l	99
16) Acetone	2.386	43	324930	246.195	ug/l	96
17) Carbon Disulfide	2.526	76	457873	48.034	ug/l	99
18) Methyl Acetate	2.715	43	163394	47.774	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	481187	50.072	ug/l	98
20) Methylene Chloride	2.800	84	173780	49.724	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	165465	49.352	ug/l	97
22) Diisopropyl ether	3.769	45	556979	51.358	ug/l	99
23) Vinyl Acetate	3.727	43	2264555	254.755	ug/l	99
24) 1,1-Dichloroethane	3.617	63	303962	49.586	ug/l	98
25) 2-Butanone	4.562	43	422081	244.186	ug/l	100
26) 2,2-Dichloropropane	4.483	77	232204	50.188	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	193324	49.507	ug/l	98
28) Bromochloromethane	4.903	49	145787	57.153	ug/l	100
29) Tetrahydrofuran	5.019	42	268867	240.659	ug/l	99
30) Chloroform	5.099	83	306888	49.055	ug/l	98
31) Cyclohexane	5.477	56	265960	47.066	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	263954	49.018	ug/l	99
36) 1,1-Dichloropropene	5.702	75	208616	47.627	ug/l	99
37) Ethyl Acetate	4.721	43	214695	47.213	ug/l	99
38) Carbon Tetrachloride	5.684	117	226854	47.393	ug/l	100
39) Methylcyclohexane	7.379	83	257199	47.074	ug/l	96
40) Benzene	6.043	78	638127	48.672	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047357.D
Acq On : 15 Aug 2025 13:11
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Quant Time: Aug 18 04:22:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.934	41	93517	48.768	ug/l		97
42) 1,2-Dichloroethane	6.086	62	226201	48.708	ug/l		99
43) Isopropyl Acetate	6.342	43	318400	48.740	ug/l		100
44) Trichloroethene	7.129	130	161053	47.974	ug/l		98
45) 1,2-Dichloropropane	7.427	63	160155	48.760	ug/l		98
46) Dibromomethane	7.580	93	115651	48.500	ug/l		98
47) Bromodichloromethane	7.824	83	237881	48.121	ug/l		100
48) Methyl methacrylate	7.690	41	164810	48.604	ug/l		99
49) 1,4-Dioxane	7.677	88	27202	825.213	ug/l		93
51) 4-Methyl-2-Pentanone	8.574	43	916499	243.797	ug/l		99
52) Toluene	8.720	92	394588	48.706	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	218807	50.716	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	243957	49.956	ug/l		100
55) 1,1,2-Trichloroethane	9.147	97	148831	48.385	ug/l		98
56) Ethyl methacrylate	9.116	69	227388	50.140	ug/l		100
57) 1,3-Dichloropropane	9.305	76	253108	48.290	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	480379	222.770	ug/l		98
59) 2-Hexanone	9.427	43	630542	242.481	ug/l		99
60) Dibromochloromethane	9.518	129	175911	48.122	ug/l		99
61) 1,2-Dibromoethane	9.610	107	152160	47.971	ug/l		99
64) Tetrachloroethene	9.275	164	131233	47.871	ug/l		98
65) Chlorobenzene	10.079	112	429835	47.724	ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.159	131	146443	48.099	ug/l		99
67) Ethyl Benzene	10.189	91	756938	48.829	ug/l		99
68) m/p-Xylenes	10.299	106	570536	98.705	ug/l		99
69) o-Xylene	10.640	106	273804	49.223	ug/l		99
70) Styrene	10.652	104	471591	50.176	ug/l		100
71) Bromoform	10.799	173	110810	48.446	ug/l	#	99
73) Isopropylbenzene	10.957	105	718690	49.432	ug/l		100
74) N-amyl acetate	10.841	43	277245	50.217	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.207	83	205267	48.087	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	190260	55.834	ug/l		91
77) Bromobenzene	11.195	156	172064	48.465	ug/l		99
78) n-propylbenzene	11.299	91	856923	49.351	ug/l		99
79) 2-Chlorotoluene	11.360	91	506366	48.241	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	586315	49.013	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	32392	42.686	ug/l		99
82) 4-Chlorotoluene	11.451	91	592542	47.889	ug/l		99
83) tert-Butylbenzene	11.713	119	594831	49.841	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	595697	49.796	ug/l		99
85) sec-Butylbenzene	11.890	105	732328	49.507	ug/l		100
86) p-Isopropyltoluene	12.006	119	617508	49.332	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	325055	47.926	ug/l		100
88) 1,4-Dichlorobenzene	12.036	146	326132	46.752	ug/l		100
89) n-Butylbenzene	12.329	91	576963	49.556	ug/l		99
90) Hexachloroethane	12.536	117	107051	48.749	ug/l		99
91) 1,2-Dichlorobenzene	12.329	146	304391	47.283	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	38911	47.135	ug/l		96
93) 1,2,4-Trichlorobenzene	13.585	180	206837	47.926	ug/l		98
94) Hexachlorobutadiene	13.725	225	66005	42.967	ug/l		98
95) Naphthalene	13.774	128	604650	49.026	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	194540	47.822	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047357.D
Acq On : 15 Aug 2025 13:11
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Quant Time: Aug 18 04:22:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

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

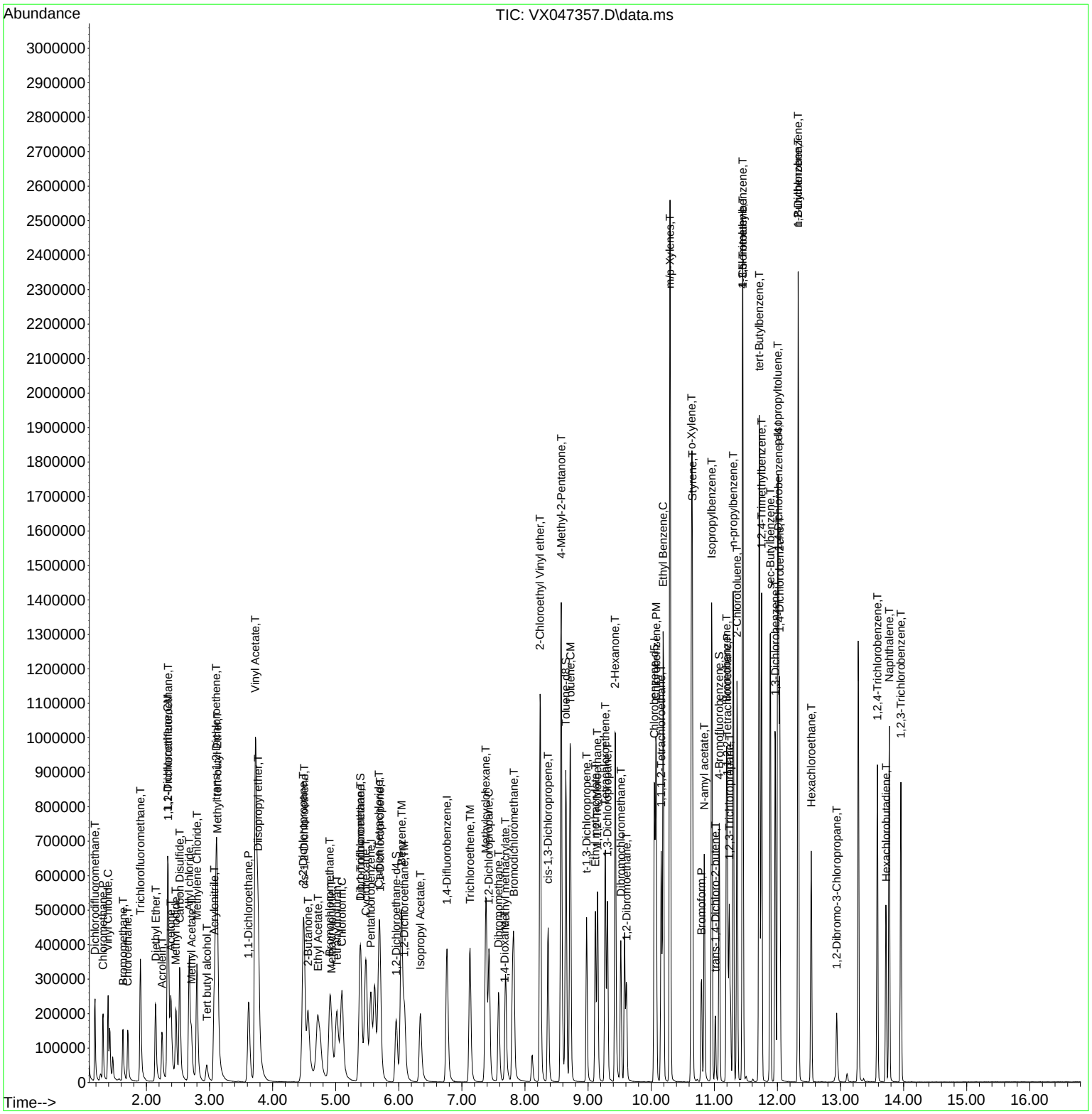
(#) = qualifier out of range (m) = manual integration (+) = signals summed

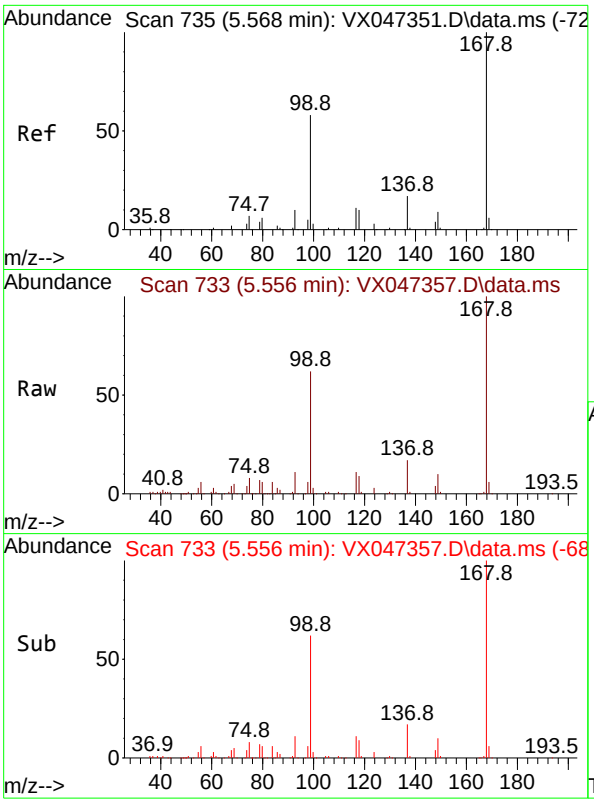
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047357.D
Acq On : 15 Aug 2025 13:11
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Quant Time: Aug 18 04:22:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration



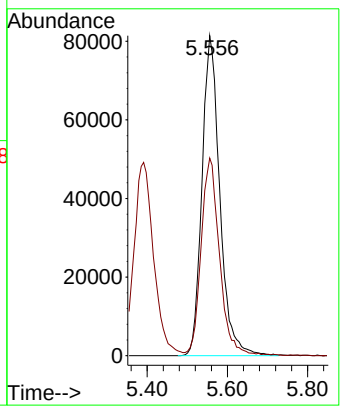


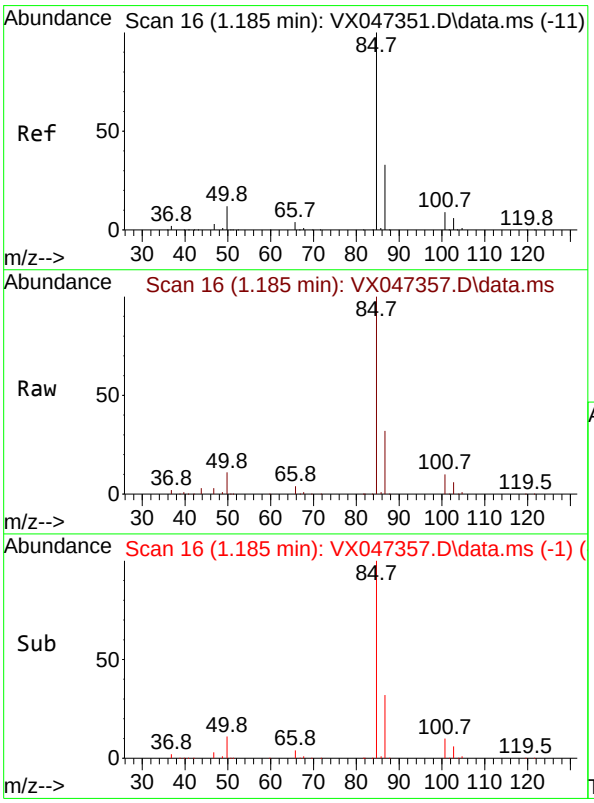
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.012 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Tgt Ion:168 Resp: 250887

Ion	Ratio	Lower	Upper
168	100		
99	61.5	47.9	71.9

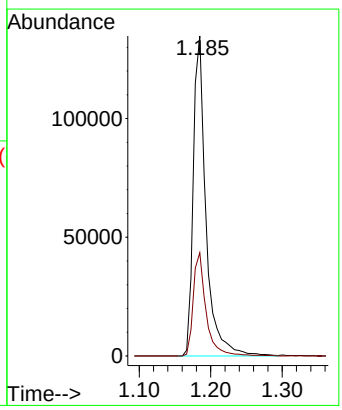


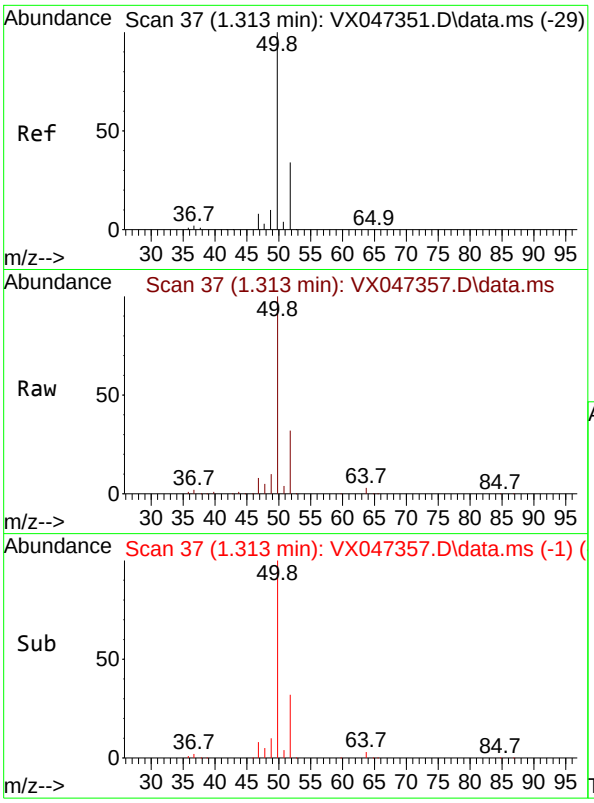


#2
Dichlorodifluoromethane
Concen: 51.981 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 85 Resp: 166246

Ion	Ratio	Lower	Upper
85	100		
87	32.3	16.4	49.1



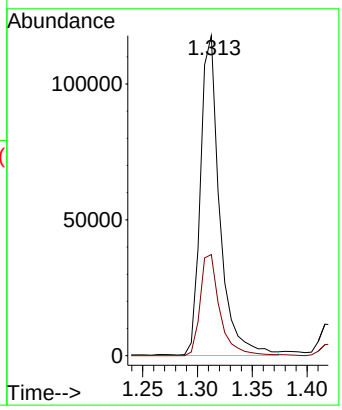


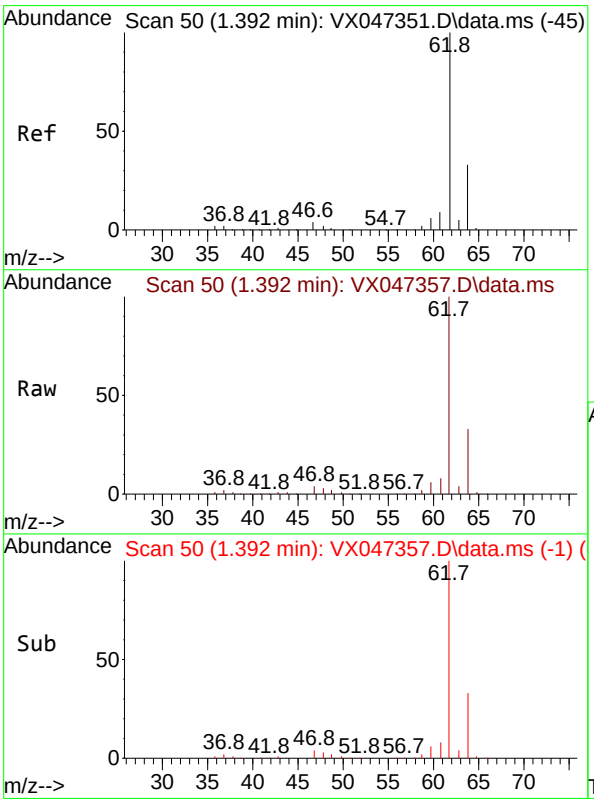
#3
Chloromethane
Concen: 49.973 ug/l
RT: 1.313 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Tgt Ion: 50 Resp: 143779

Ion	Ratio	Lower	Upper
50	100		
52	31.7	27.0	40.4

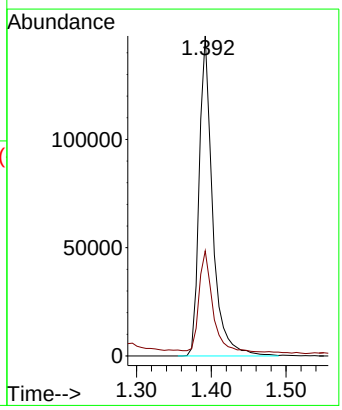


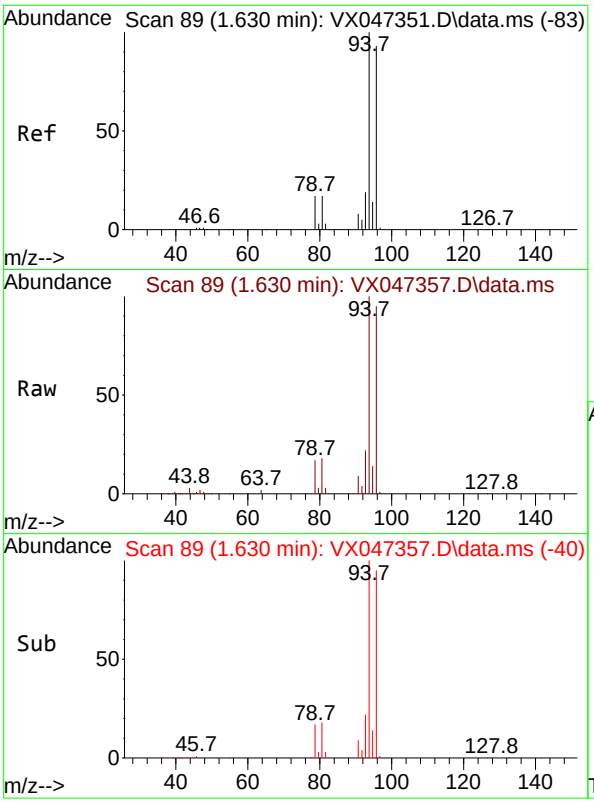


#4
Vinyl Chloride
Concen: 50.822 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 62 Resp: 183527

Ion	Ratio	Lower	Upper
62	100		
64	31.6	26.5	39.7



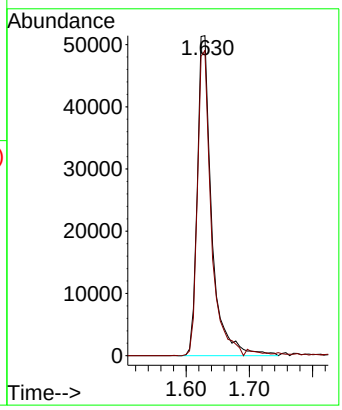


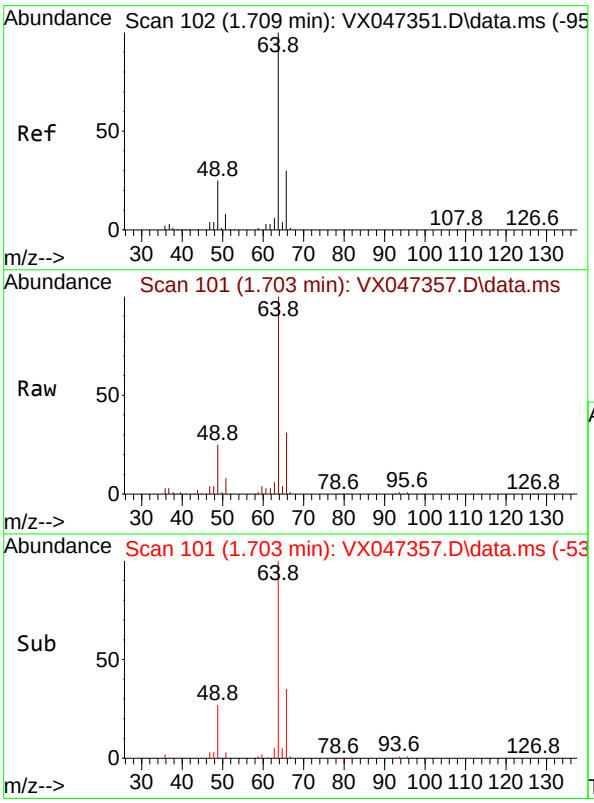
#5
Bromomethane
Concen: 56.066 ug/l
RT: 1.630 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Tgt Ion: 94 Resp: 81779

Ion	Ratio	Lower	Upper
94	100		
96	95.3	74.7	112.1

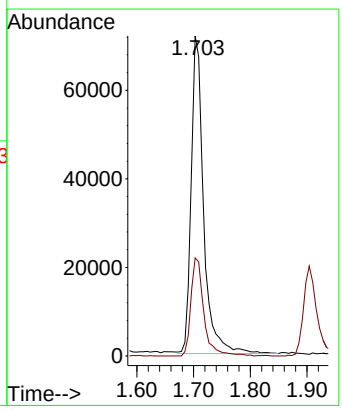


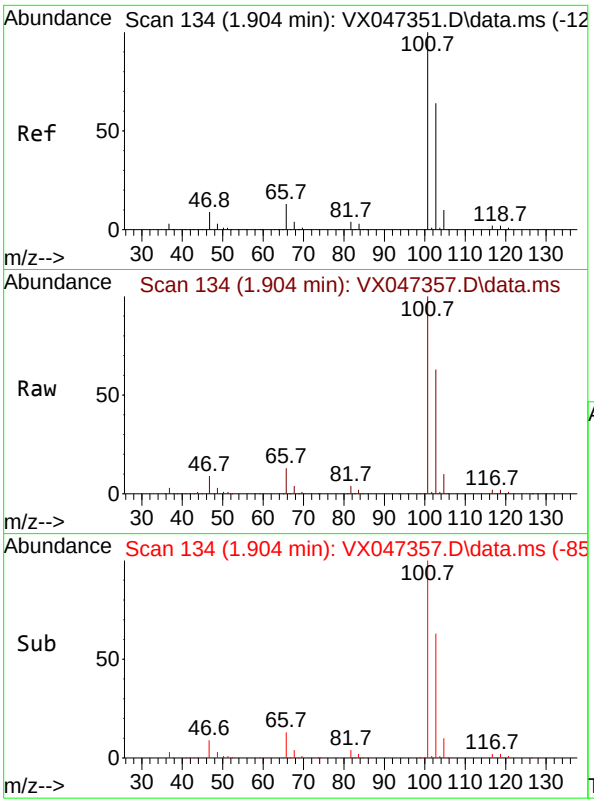


#6
Chloroethane
Concen: 49.421 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 64 Resp: 109193

Ion	Ratio	Lower	Upper
64	100		
66	30.9	24.4	36.6



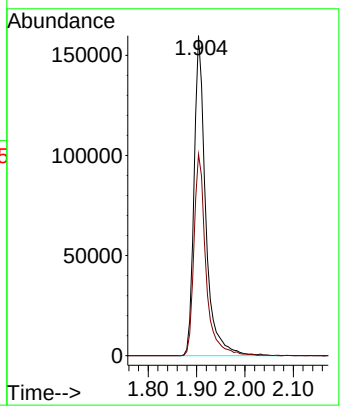


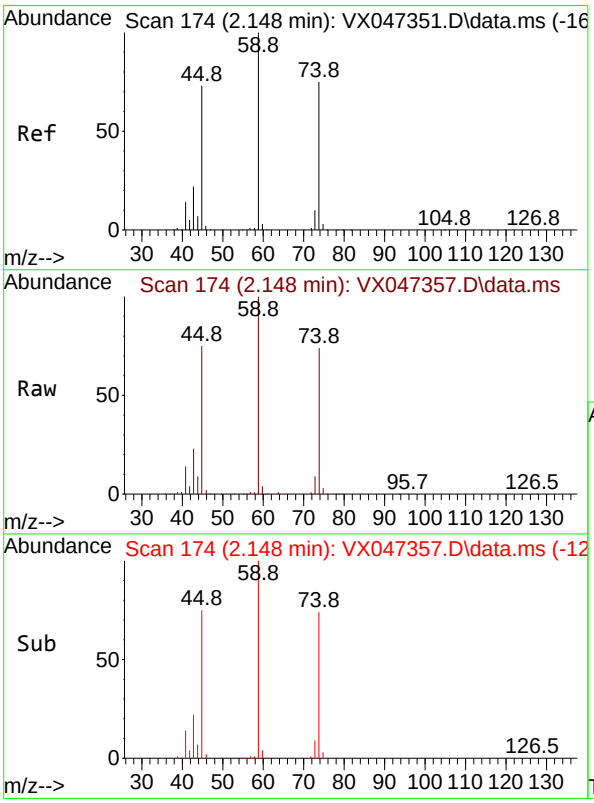
#7
Trichlorofluoromethane
Concen: 49.898 ug/l
RT: 1.904 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Tgt Ion:101 Resp: 266531

Ion	Ratio	Lower	Upper
101	100		
103	62.9	50.9	76.3

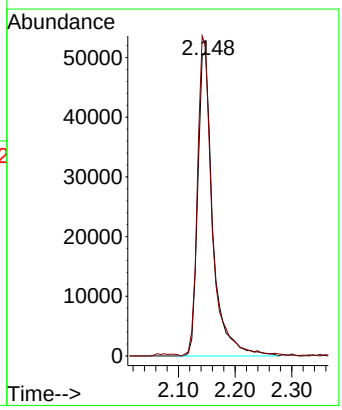


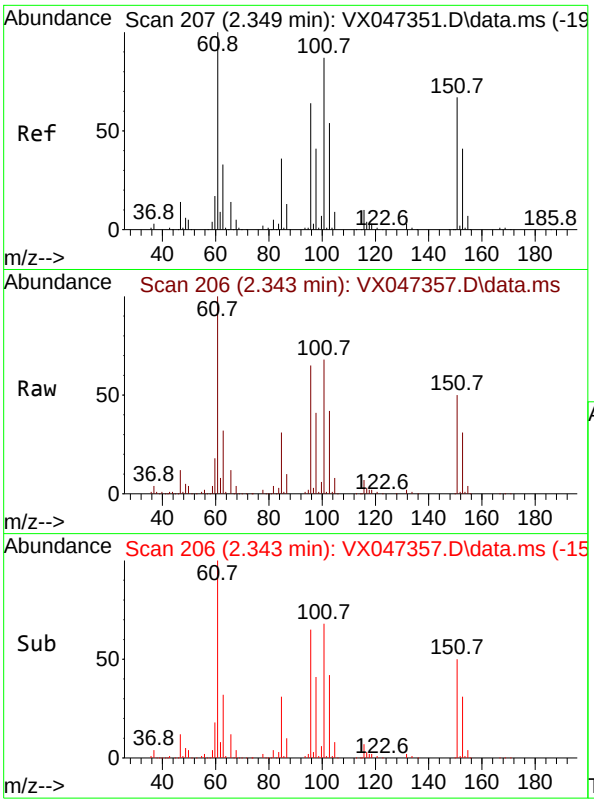


#8
Diethyl Ether
Concen: 50.132 ug/l
RT: 2.148 min Scan# 174
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 74 Resp: 94290

Ion	Ratio	Lower	Upper
74	100		
45	102.7	51.3	154.0



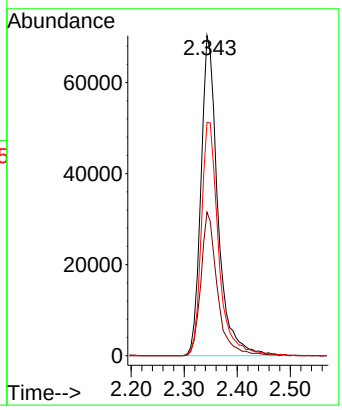


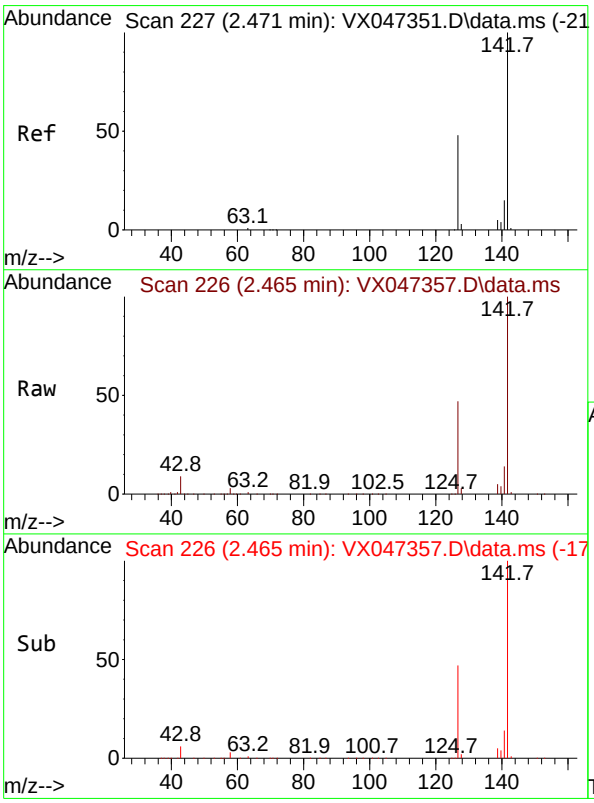
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.154 ug/l
RT: 2.343 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Tgt Ion:101 Resp: 155403

Ion	Ratio	Lower	Upper
101	100		
85	44.0	34.3	51.5
151	74.8	59.2	88.8

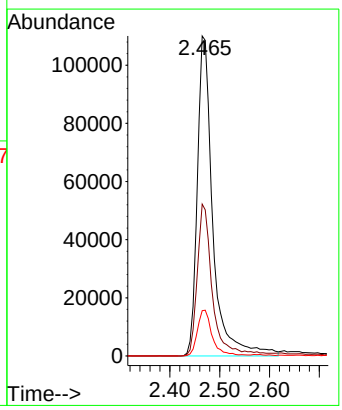


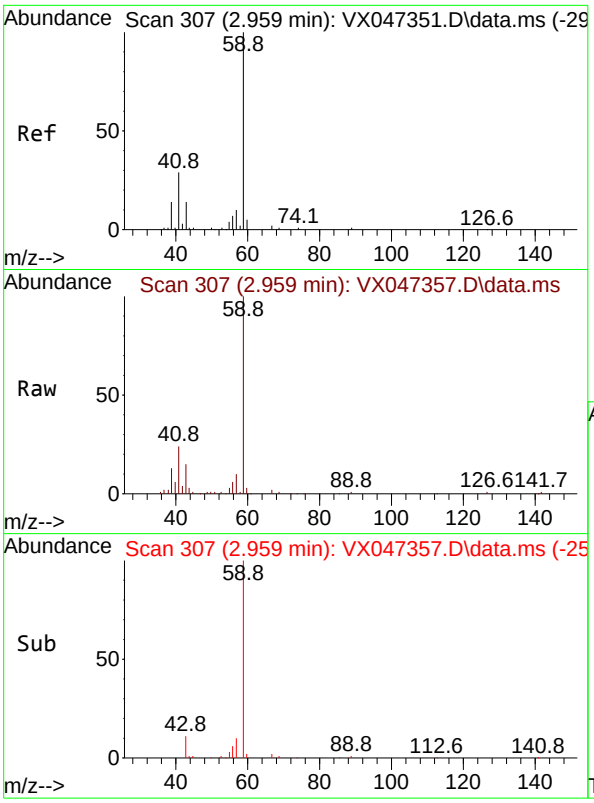


#10
Methyl Iodide
Concen: 44.887 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion:142 Resp: 238348

Ion	Ratio	Lower	Upper
142	100		
127	46.3	36.1	54.1
141	13.8	11.1	16.7



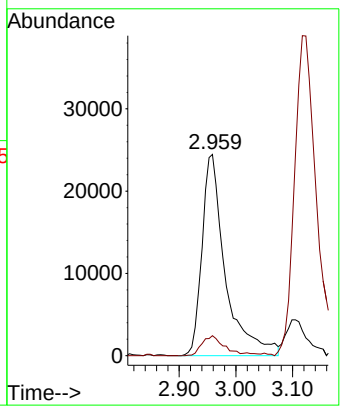


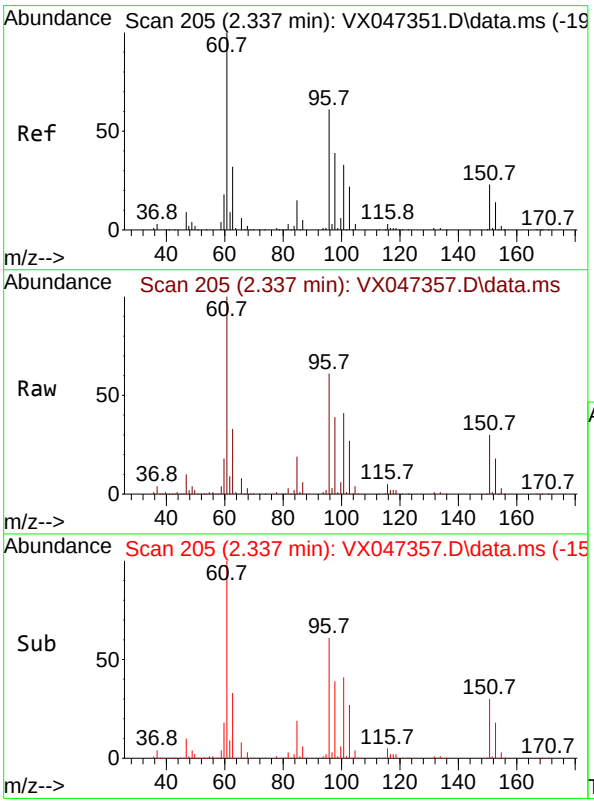
#11
Tert butyl alcohol
Concen: 229.494 ug/l
RT: 2.959 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Tgt Ion: 59 Resp: 70101

Ion	Ratio	Lower	Upper
59	100		
57	9.3	8.3	12.5

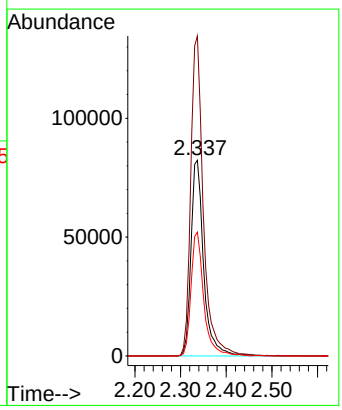


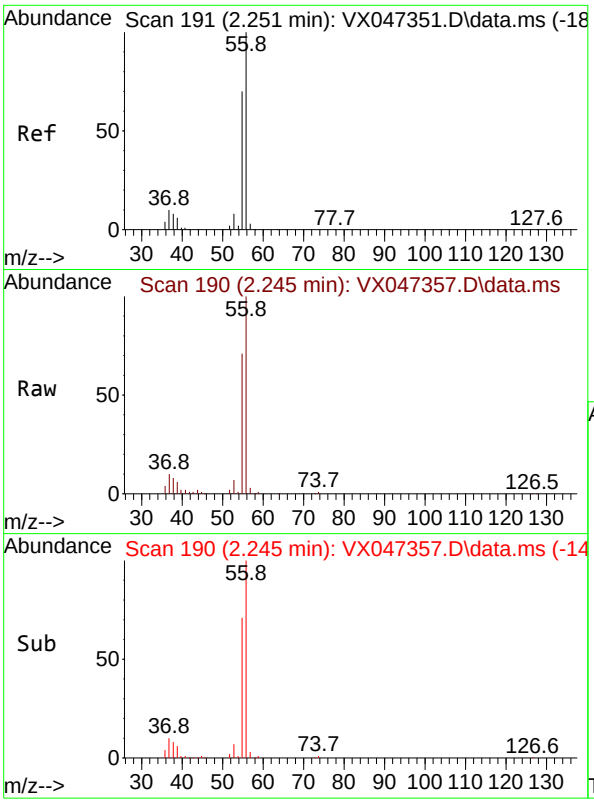


#12
1,1-Dichloroethene
Concen: 50.316 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 96 Resp: 158941

Ion	Ratio	Lower	Upper
96	100		
61	163.6	132.2	198.2
98	63.3	51.2	76.8



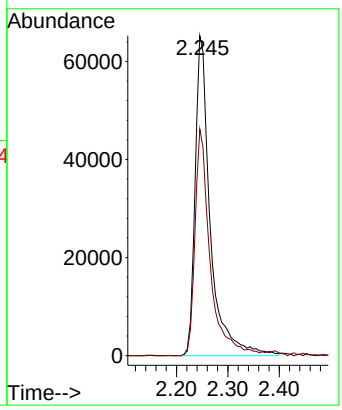


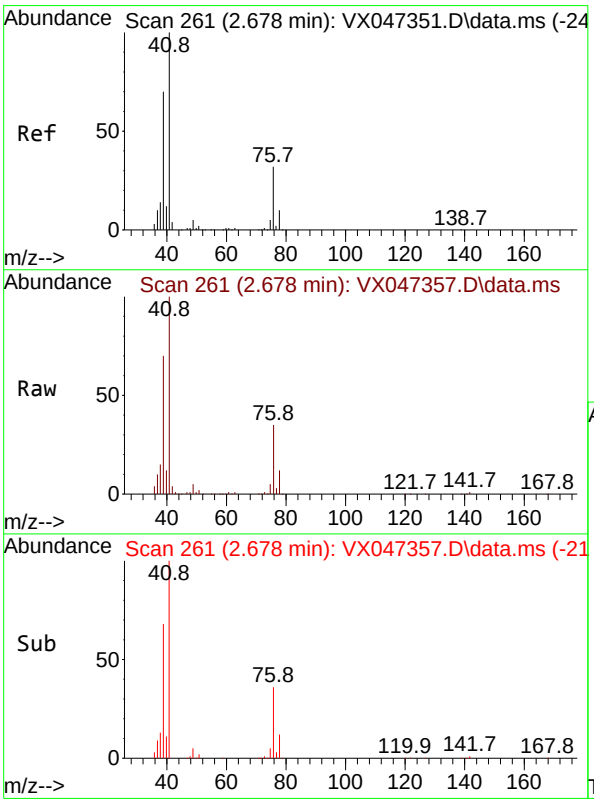
#13
Acrolein
Concen: 207.171 ug/l
RT: 2.245 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Tgt Ion: 56 Resp: 133586

Ion	Ratio	Lower	Upper
56	100		
55	70.6	55.5	83.3

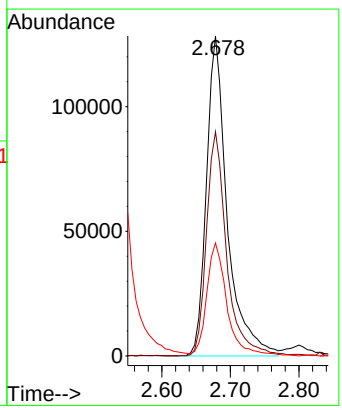


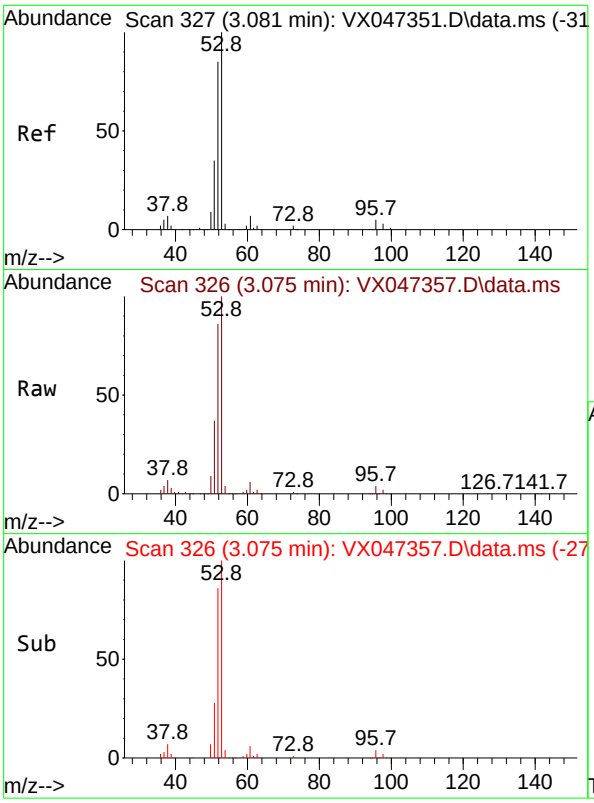


#14
Allyl chloride
Concen: 49.503 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 41 Resp: 271599

Ion	Ratio	Lower	Upper
41	100		
39	67.9	54.6	81.8
76	34.3	27.6	41.4



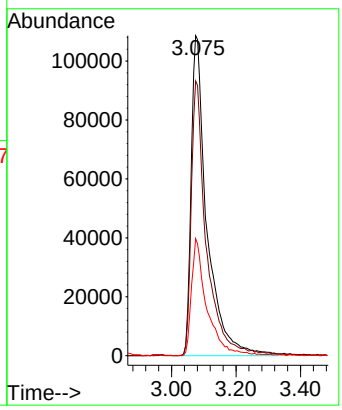


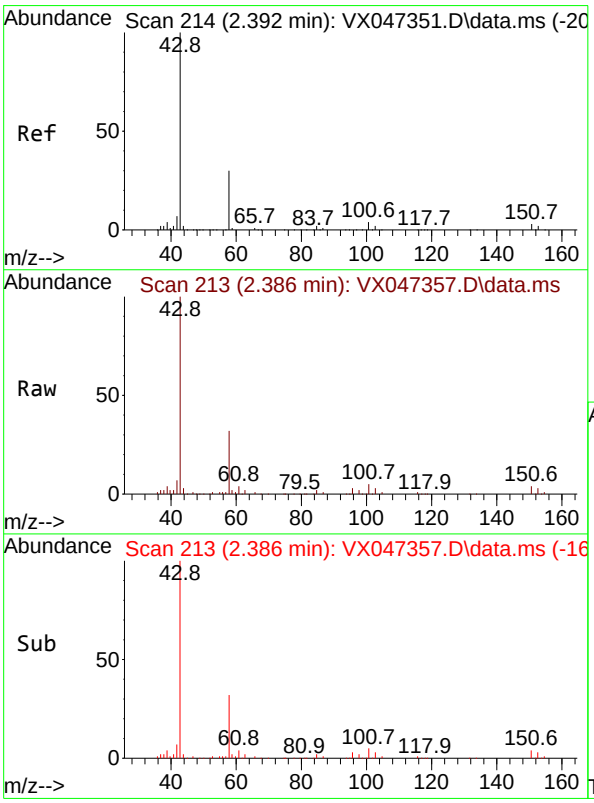
#15
Acrylonitrile
Concen: 250.094 ug/l
RT: 3.075 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Tgt Ion: 53 Resp: 369146

Ion	Ratio	Lower	Upper
53	100		
52	81.4	65.8	98.6
51	36.0	28.2	42.2

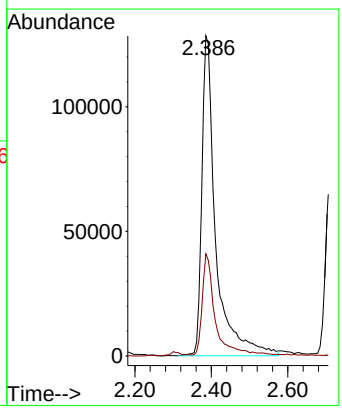


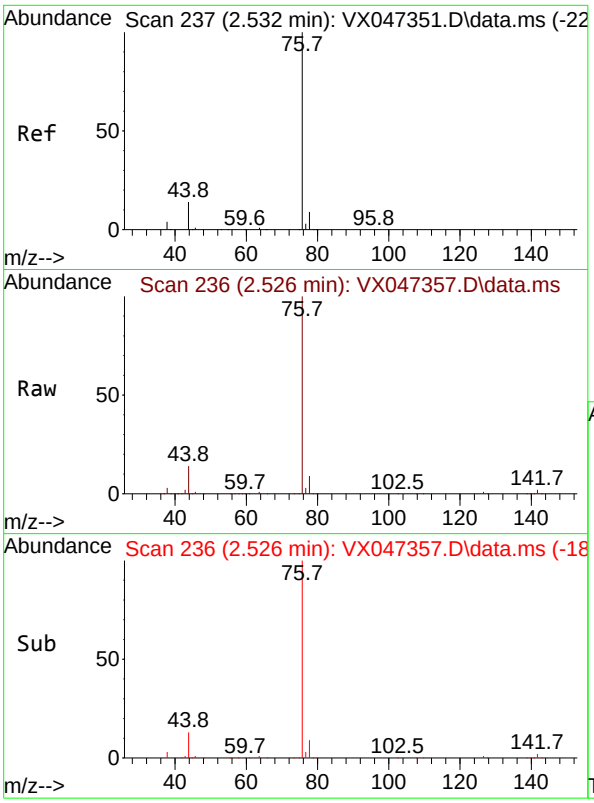


#16
Acetone
Concen: 246.195 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 43 Resp: 324930

Ion	Ratio	Lower	Upper
43	100		
58	33.2	24.8	37.2



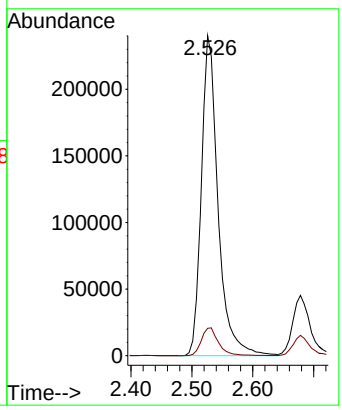


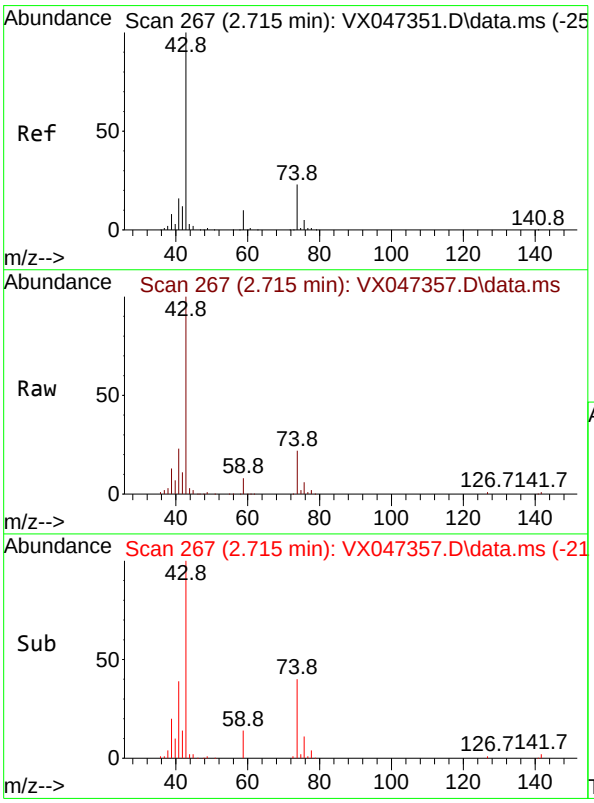
#17
Carbon Disulfide
Concen: 48.034 ug/l
RT: 2.526 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Tgt Ion: 76 Resp: 457873

Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.2	10.8

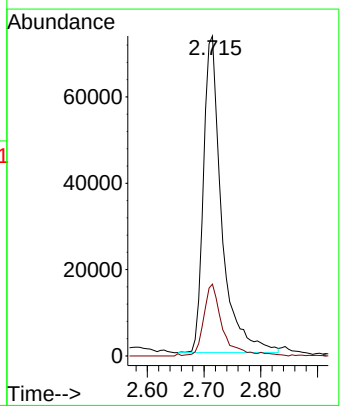


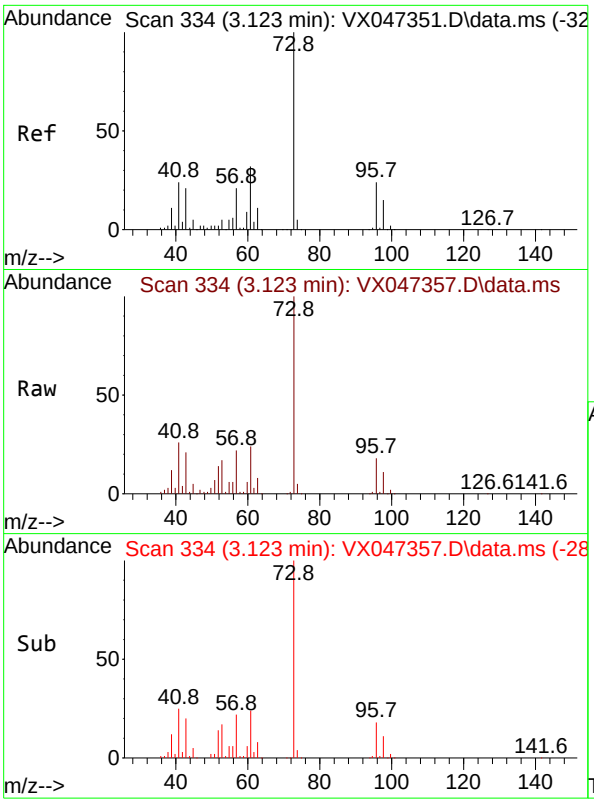


#18
Methyl Acetate
Concen: 47.774 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 43 Resp: 163394

Ion	Ratio	Lower	Upper
43	100		
74	21.6	18.4	27.6



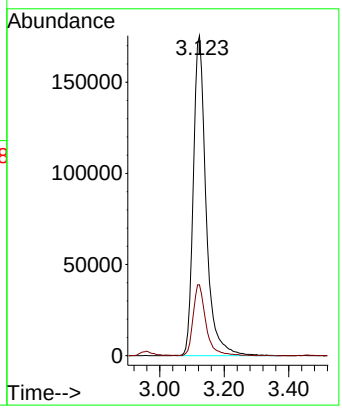


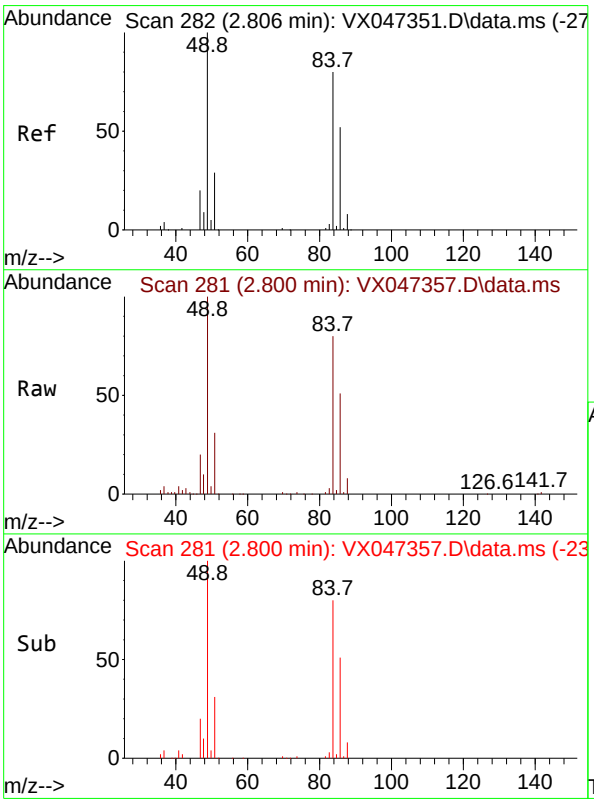
#19
Methyl tert-butyl Ether
Concen: 50.072 ug/l
RT: 3.123 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Tgt Ion: 73 Resp: 481187

Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.0	25.6

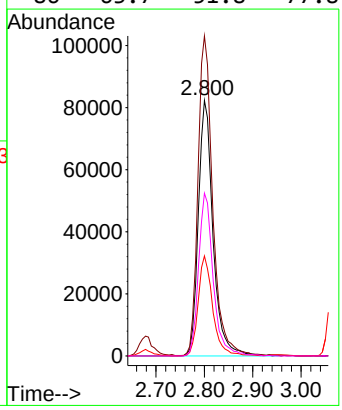


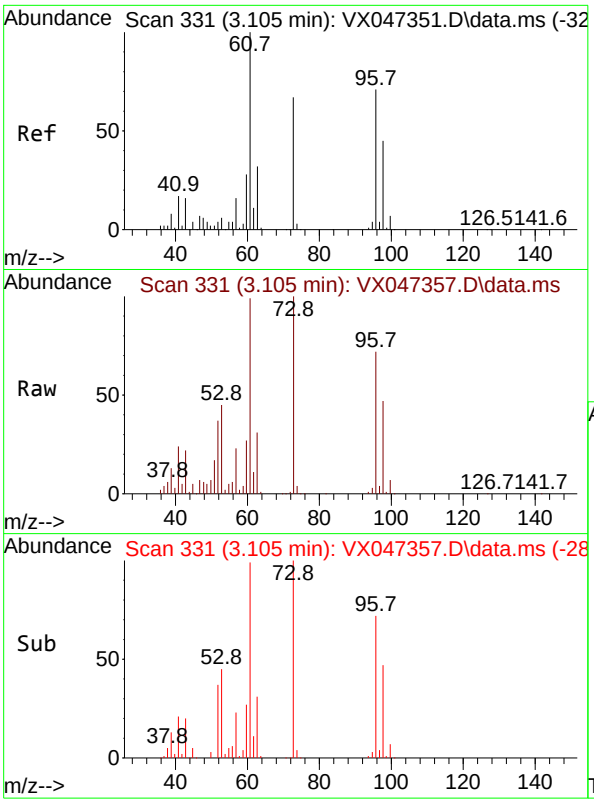


#20
Methylene Chloride
Concen: 49.724 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 84 Resp: 173780

Ion	Ratio	Lower	Upper
84	100		
49	125.0	100.1	150.1
51	39.1	29.5	44.3
86	63.7	51.8	77.8



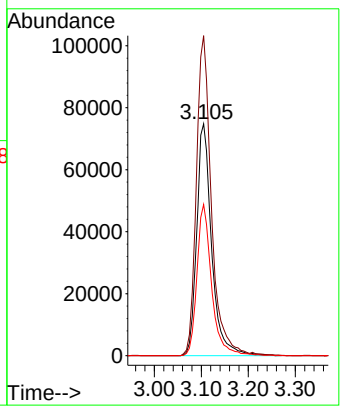


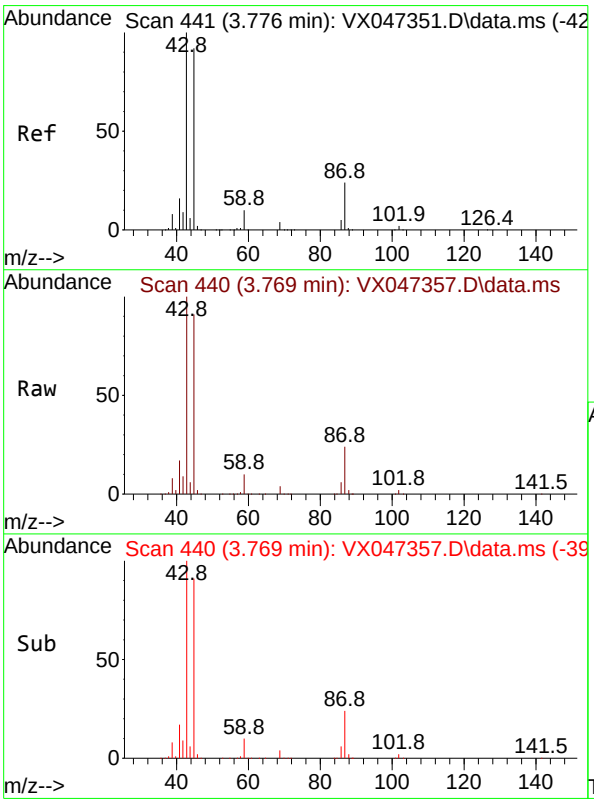
#21
trans-1,2-Dichloroethene
Concen: 49.352 ug/l
RT: 3.105 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Tgt Ion: 96 Resp: 165465

Ion	Ratio	Lower	Upper
96	100		
61	138.0	112.6	169.0
98	67.2	50.9	76.3

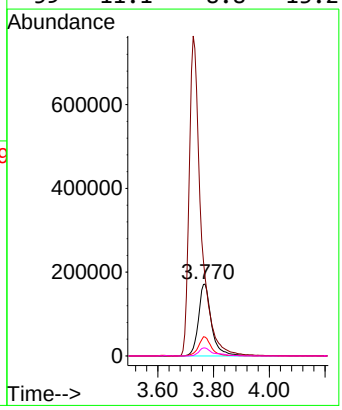


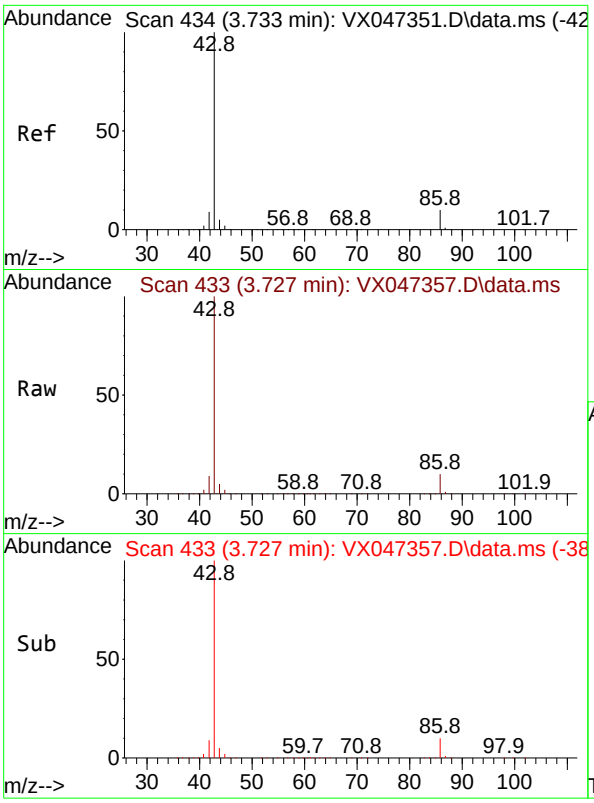


#22
Diisopropyl ether
Concen: 51.358 ug/l
RT: 3.769 min Scan# 440
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 45 Resp: 556979

Ion	Ratio	Lower	Upper
45	100		
43	109.4	86.8	130.2
87	26.4	20.4	30.6
59	11.1	8.8	13.2



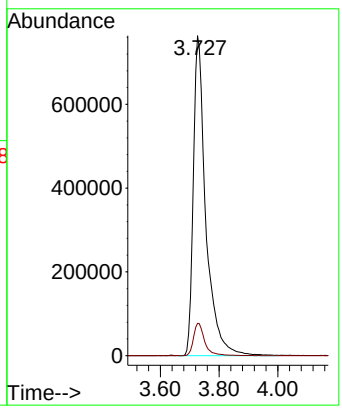


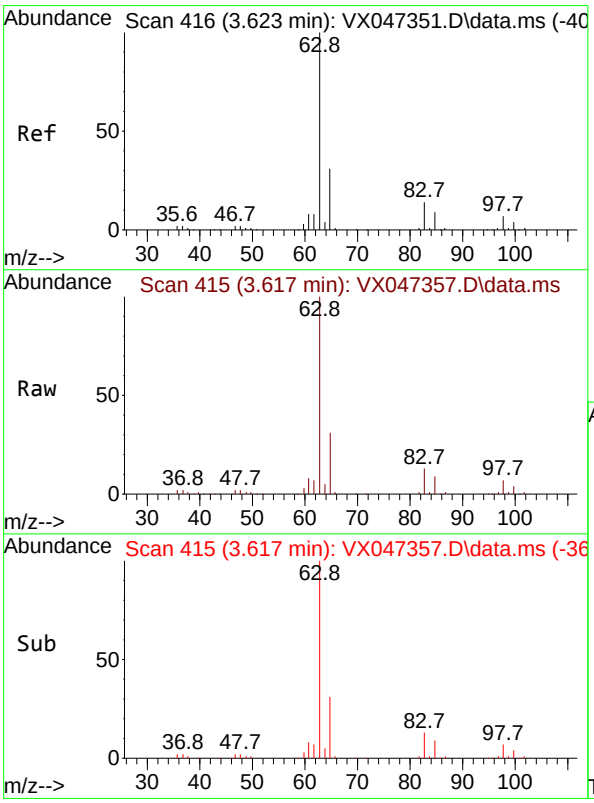
#23
Vinyl Acetate
Concen: 254.755 ug/l
RT: 3.727 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Tgt Ion: 43 Resp: 2264555

Ion	Ratio	Lower	Upper
43	100		
86	10.1	7.9	11.9

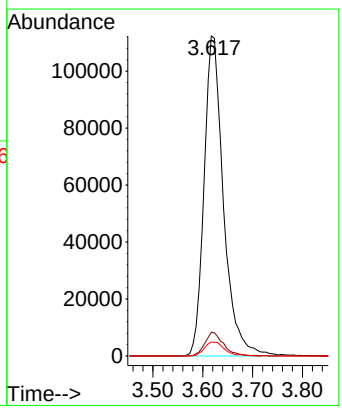


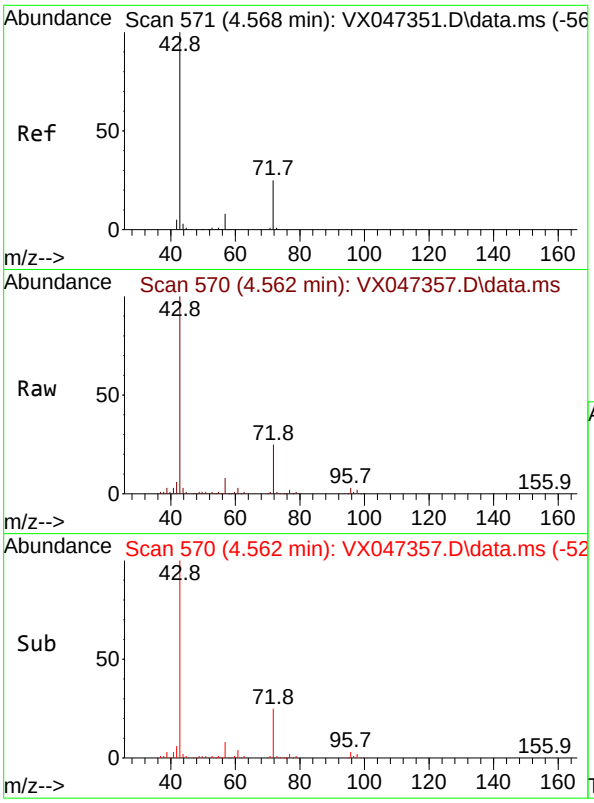


#24
1,1-Dichloroethane
Concen: 49.586 ug/l
RT: 3.617 min Scan# 415
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 63 Resp: 303962

Ion	Ratio	Lower	Upper
63	100		
98	7.4	3.3	9.9
100	4.3	2.1	6.3



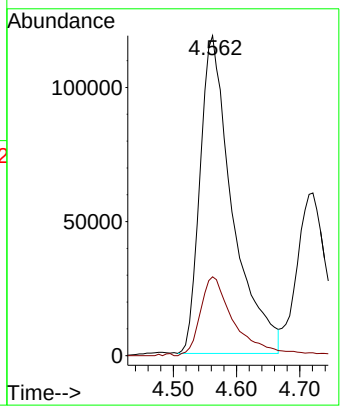


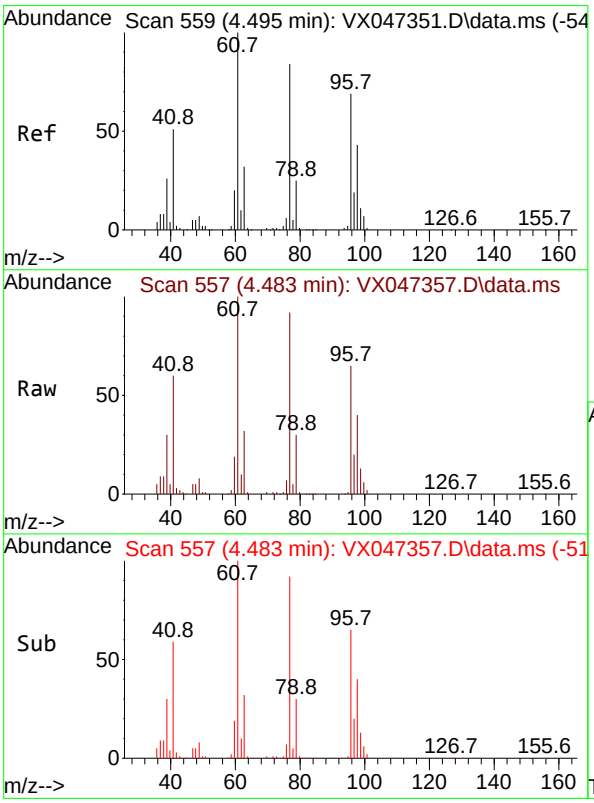
#25
2-Butanone
Concen: 244.186 ug/l
RT: 4.562 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Tgt Ion: 43 Resp: 422081

Ion	Ratio	Lower	Upper
43	100		
72	24.6	19.8	29.8

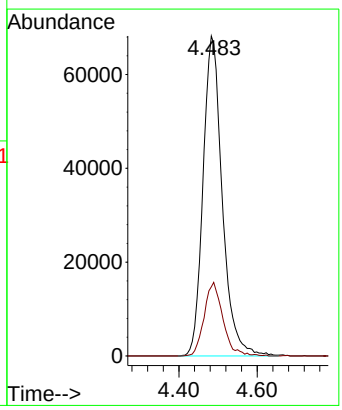


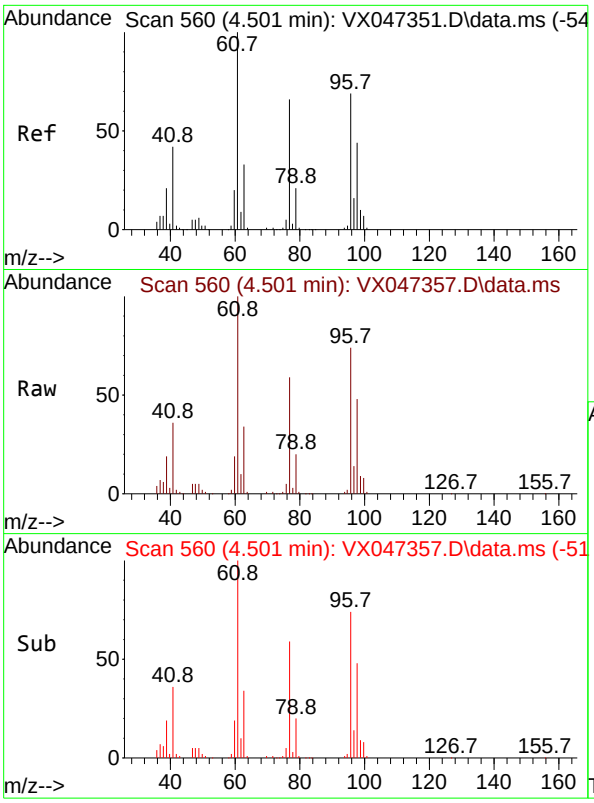


#26
2,2-Dichloropropane
Concen: 50.188 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.012 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 77 Resp: 232204

Ion	Ratio	Lower	Upper
77	100		
97	22.3	11.4	34.1



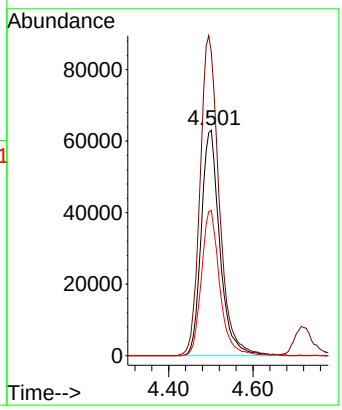


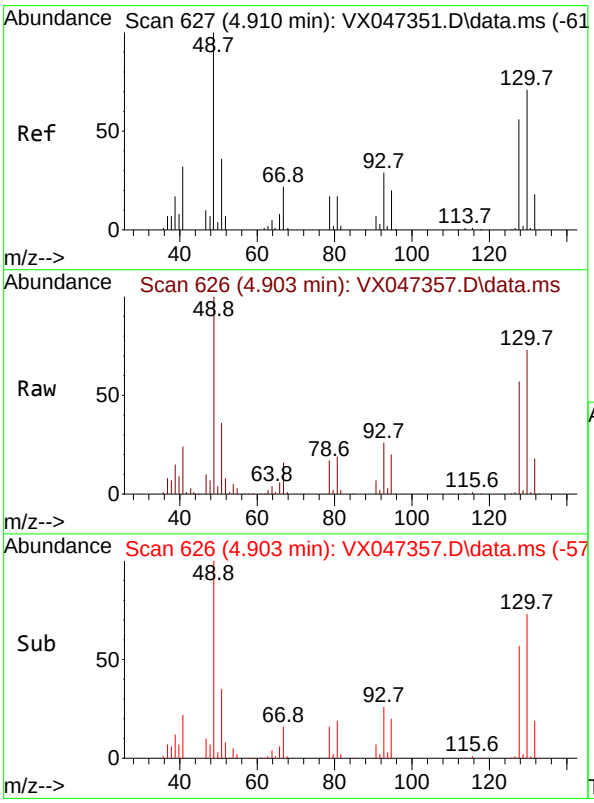
#27
cis-1,2-Dichloroethene
Concen: 49.507 ug/l
RT: 4.501 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Tgt Ion: 96 Resp: 193324

Ion	Ratio	Lower	Upper
96	100		
61	145.7	0.0	296.6
98	63.5	0.0	130.4

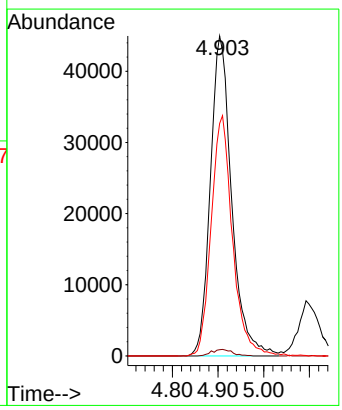


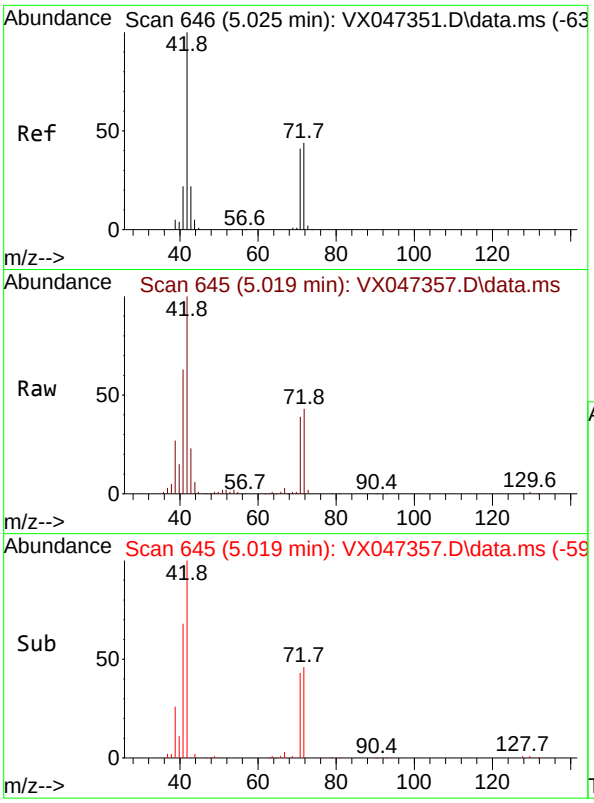


#28
Bromochloromethane
Concen: 57.153 ug/l
RT: 4.903 min Scan# 626
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 49 Resp: 145787

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	75.0	59.8	89.6



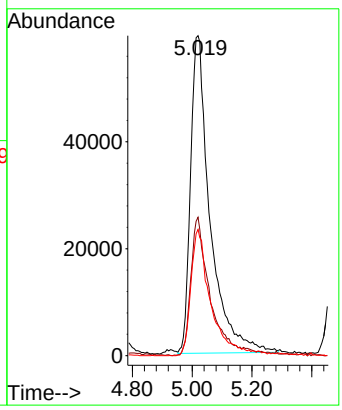


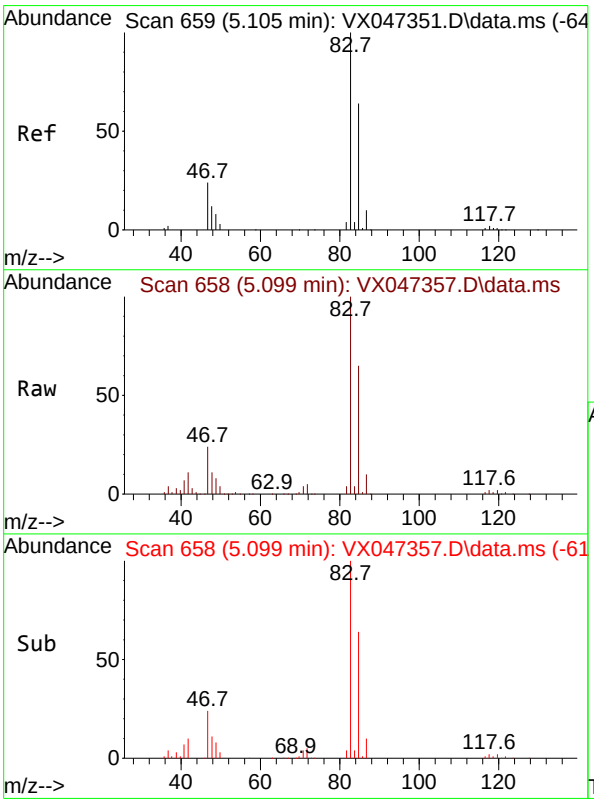
#29
Tetrahydrofuran
Concen: 240.659 ug/l
RT: 5.019 min Scan# 64
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Tgt Ion: 42 Resp: 268867

Ion	Ratio	Lower	Upper
42	100		
72	43.7	34.6	51.8
71	39.8	32.6	49.0

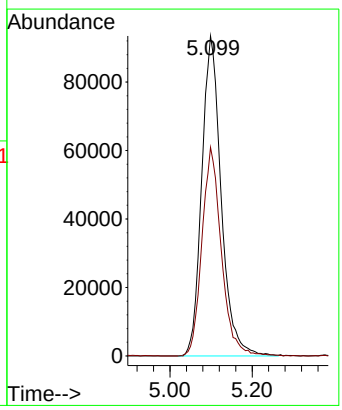


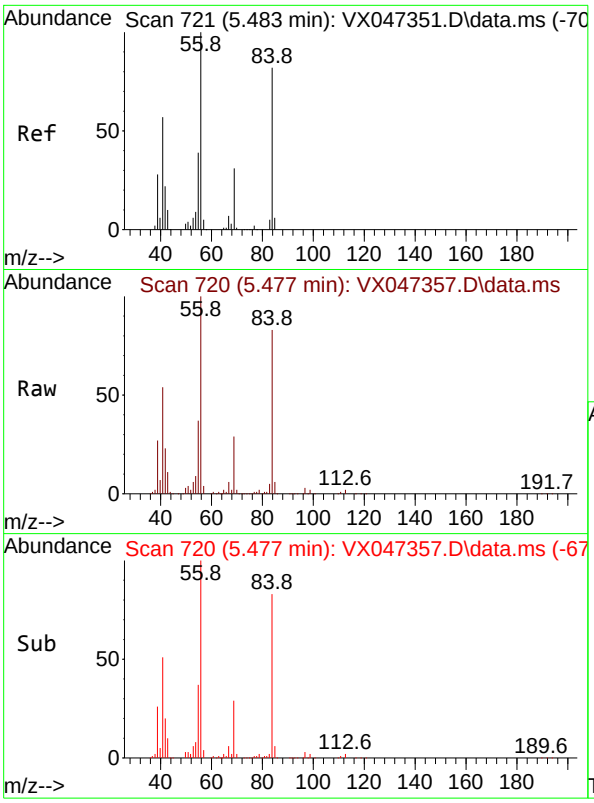


#30
Chloroform
Concen: 49.055 ug/l
RT: 5.099 min Scan# 658
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 83 Resp: 306888

Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.2	76.8



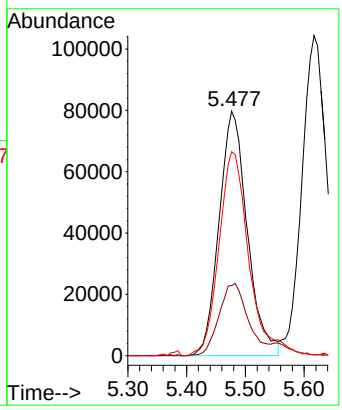


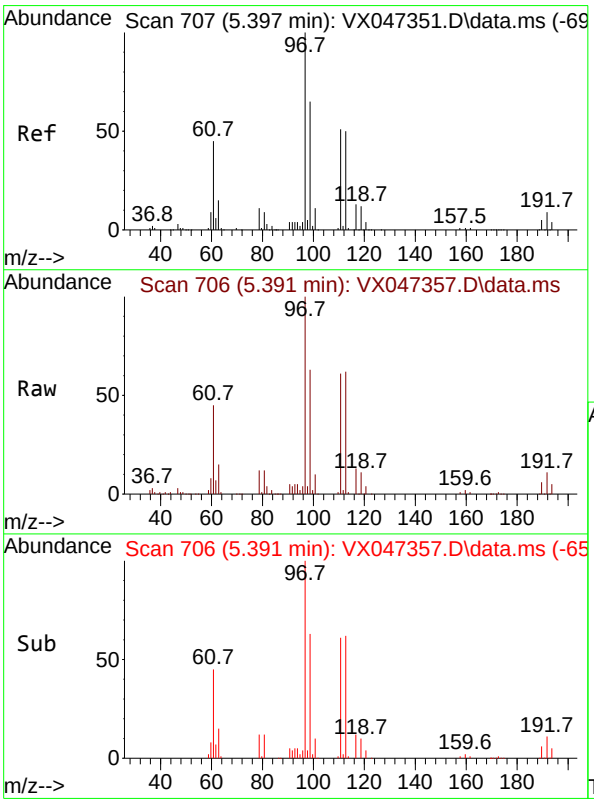
#31
Cyclohexane
Concen: 47.066 ug/l
RT: 5.477 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Tgt Ion: 56 Resp: 265960

Ion	Ratio	Lower	Upper
56	100		
69	28.3	24.3	36.5
84	81.4	65.3	97.9

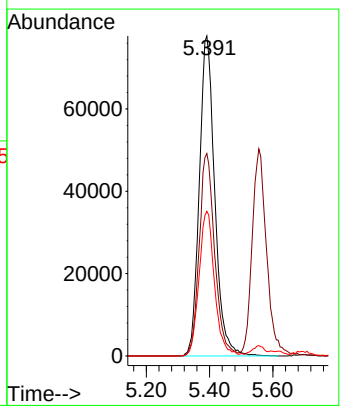


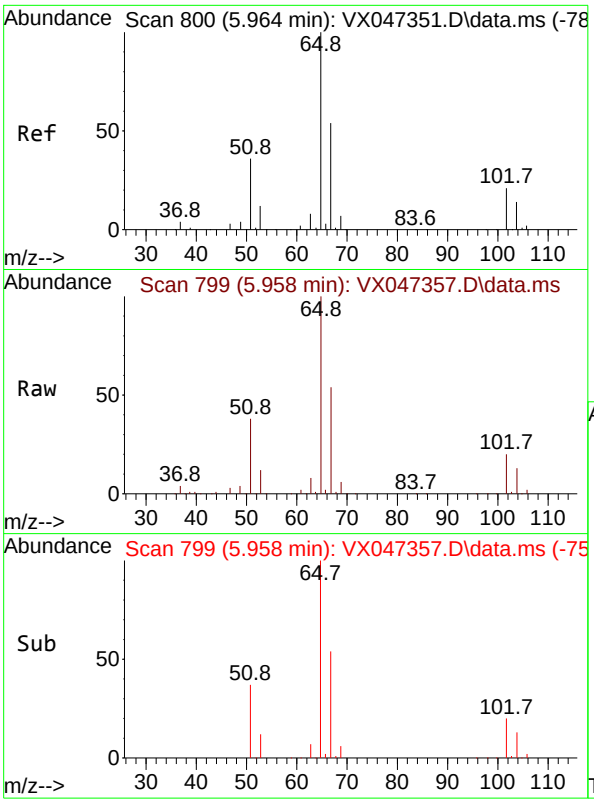


#32
1,1,1-Trichloroethane
Concen: 49.018 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 97 Resp: 263954

Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.4	77.0
61	45.4	35.7	53.5



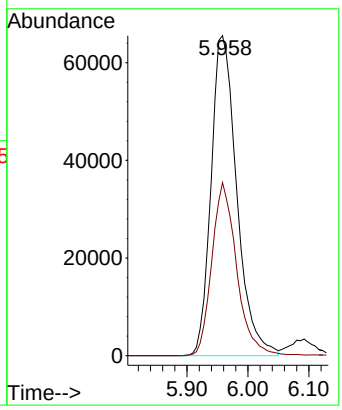


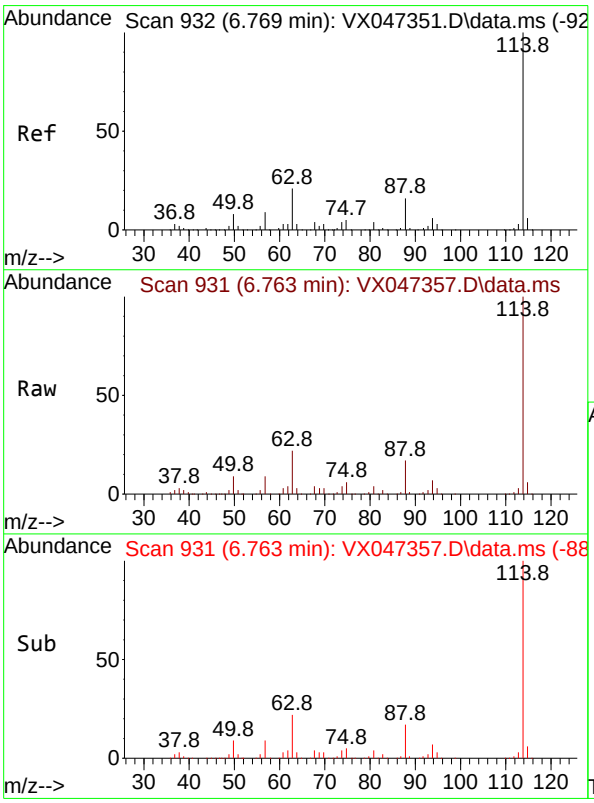
#33
1,2-Dichloroethane-d4
Concen: 54.750 ug/l
RT: 5.958 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Tgt Ion: 65 Resp: 192241

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	106.0

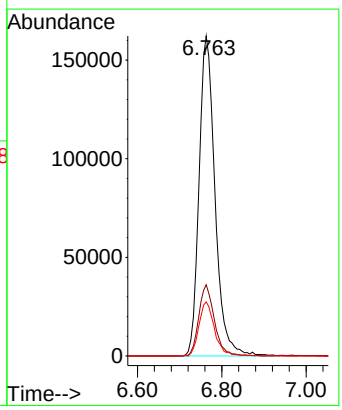


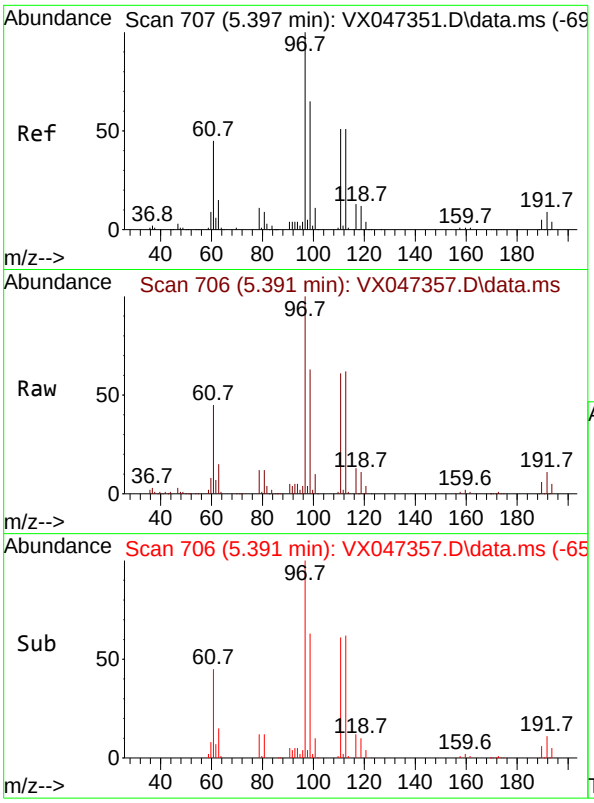


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion:114 Resp: 427543

Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	42.4
88	16.9	0.0	33.0



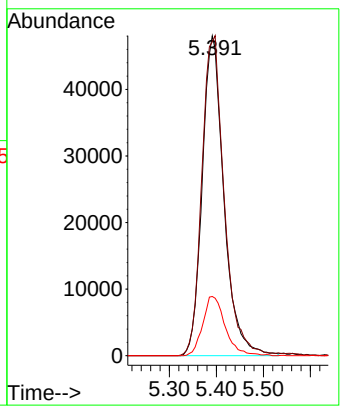


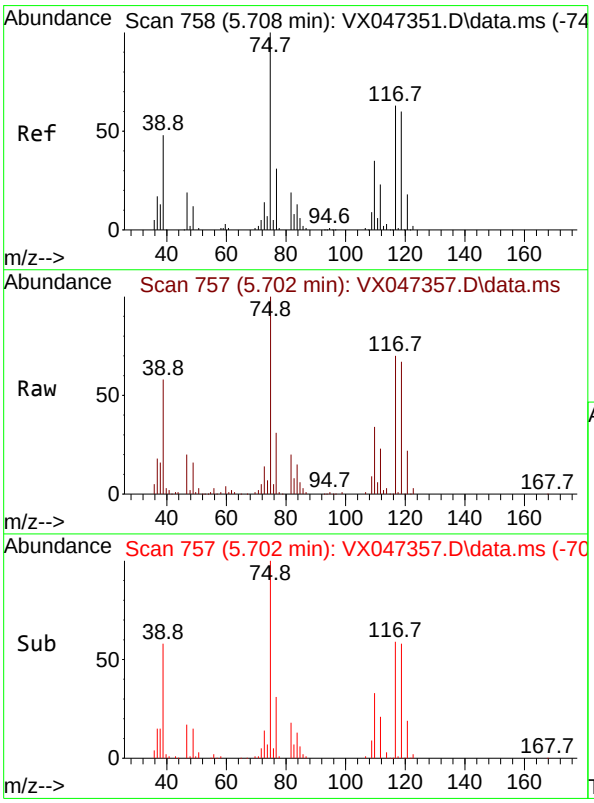
#35
Dibromofluoromethane
Concen: 55.488 ug/l
RT: 5.391 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Tgt Ion:113 Resp: 153967

Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.4	122.2
192	19.2	14.1	21.1

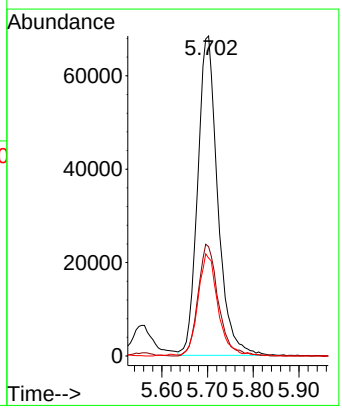


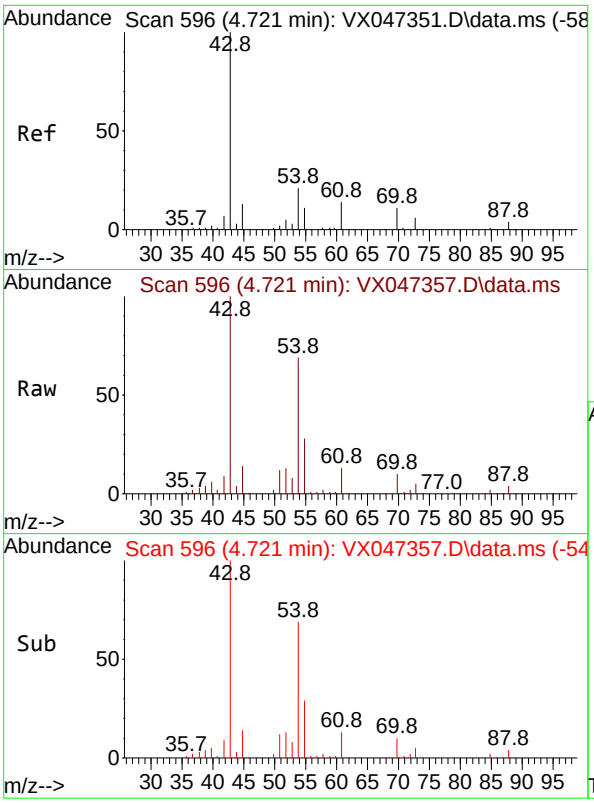


#36
1,1-Dichloropropene
Concen: 47.627 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 75 Resp: 208616

Ion	Ratio	Lower	Upper
75	100		
110	35.4	17.4	52.2
77	31.5	24.4	36.6



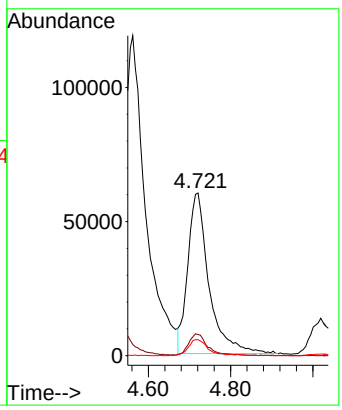


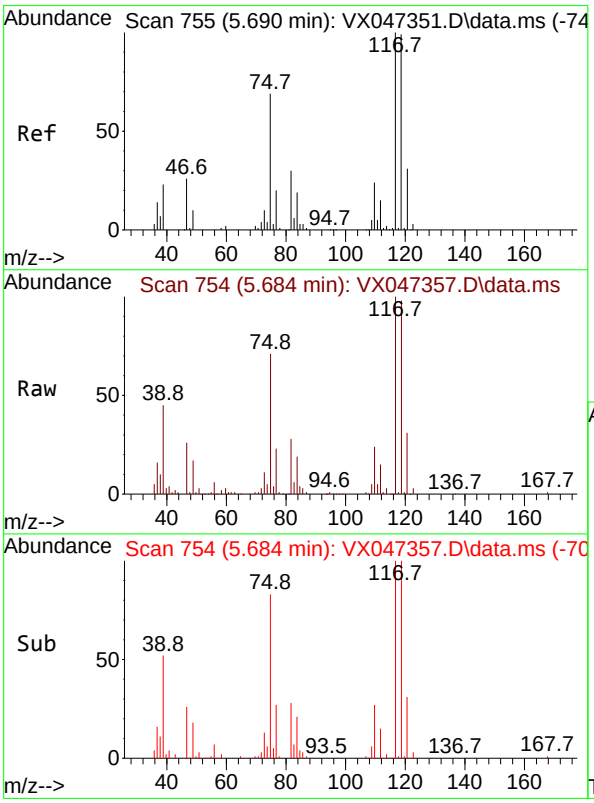
#37
Ethyl Acetate
Concen: 47.213 ug/l
RT: 4.721 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Tgt Ion: 43 Resp: 214695

Ion	Ratio	Lower	Upper
43	100		
61	11.4	9.4	14.2
70	9.0	7.0	10.6

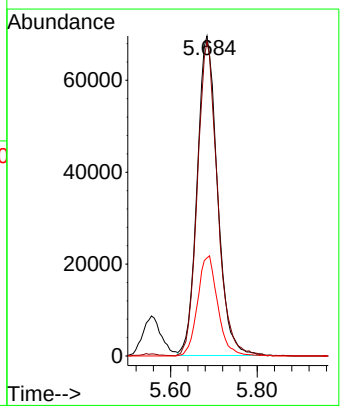


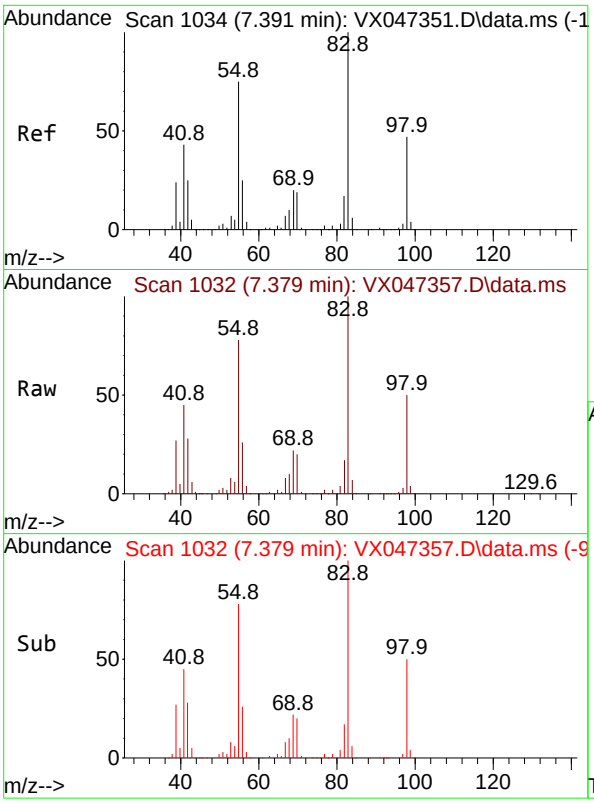


#38
Carbon Tetrachloride
Concen: 47.393 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion:117 Resp: 226854

Ion	Ratio	Lower	Upper
117	100		
119	98.3	78.5	117.7
121	30.7	24.7	37.1



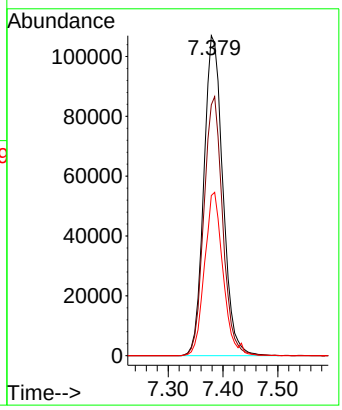


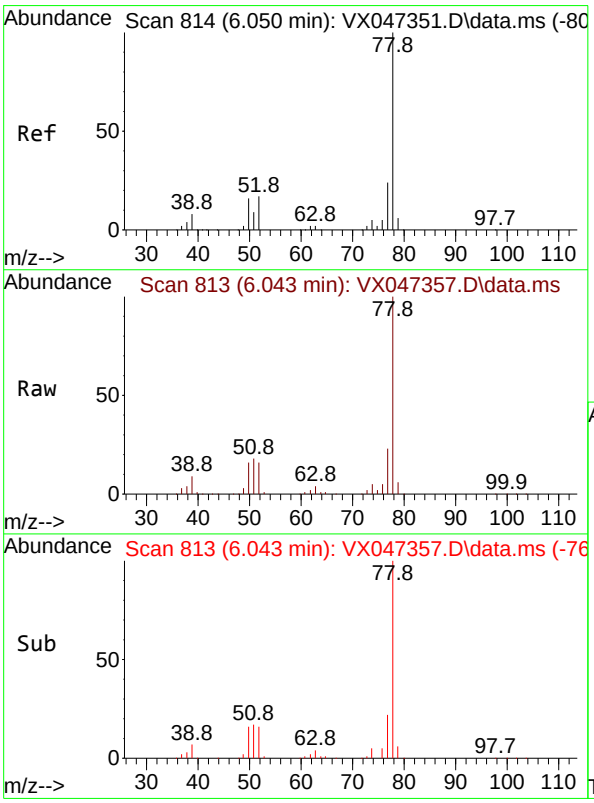
#39
Methylcyclohexane
Concen: 47.074 ug/l
RT: 7.379 min Scan# 1
Delta R.T. -0.012 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Tgt Ion: 83 Resp: 257199

Ion	Ratio	Lower	Upper
83	100		
55	78.4	60.0	90.0
98	50.0	37.2	55.8

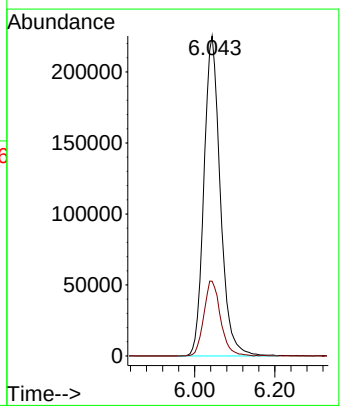


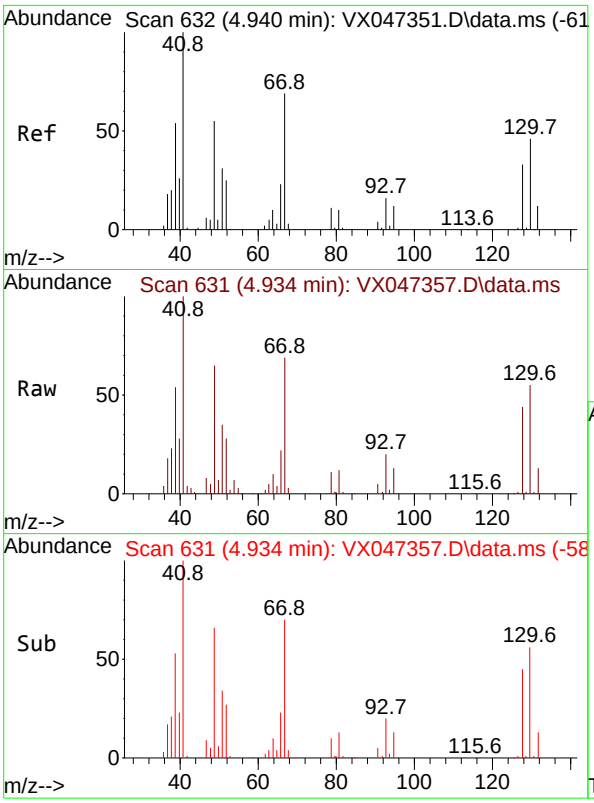


#40
Benzene
Concen: 48.672 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 78 Resp: 638127

Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.0	28.4



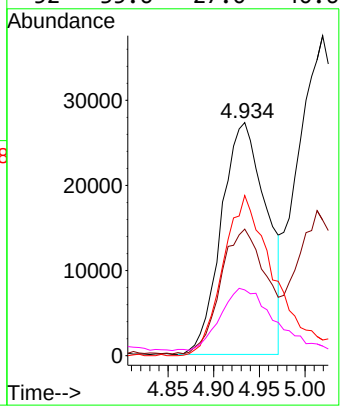


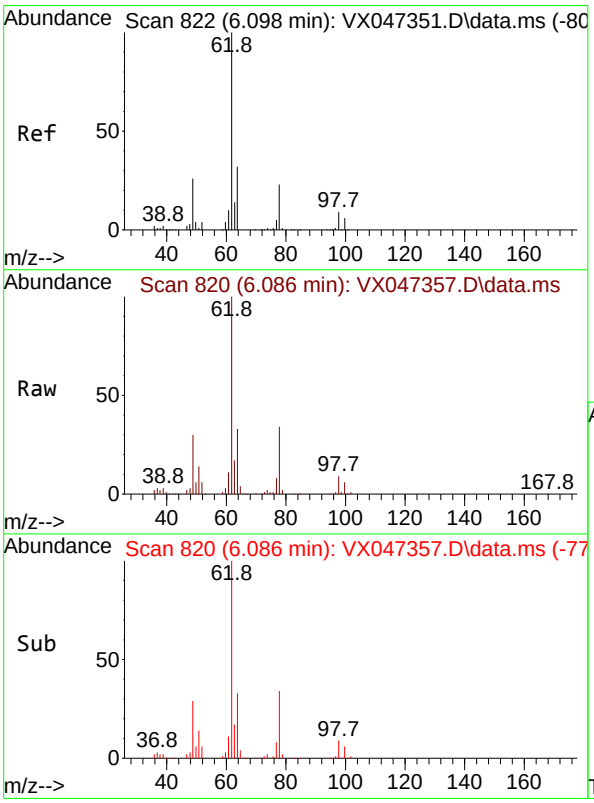
#41
Methacrylonitrile
Concen: 48.768 ug/l
RT: 4.934 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Tgt Ion: 41 Resp: 93517

Ion	Ratio	Lower	Upper
41	100		
39	54.3	45.4	68.2
67	82.3	64.0	96.0
52	35.6	27.0	40.6

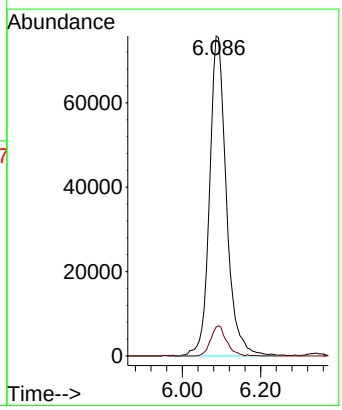


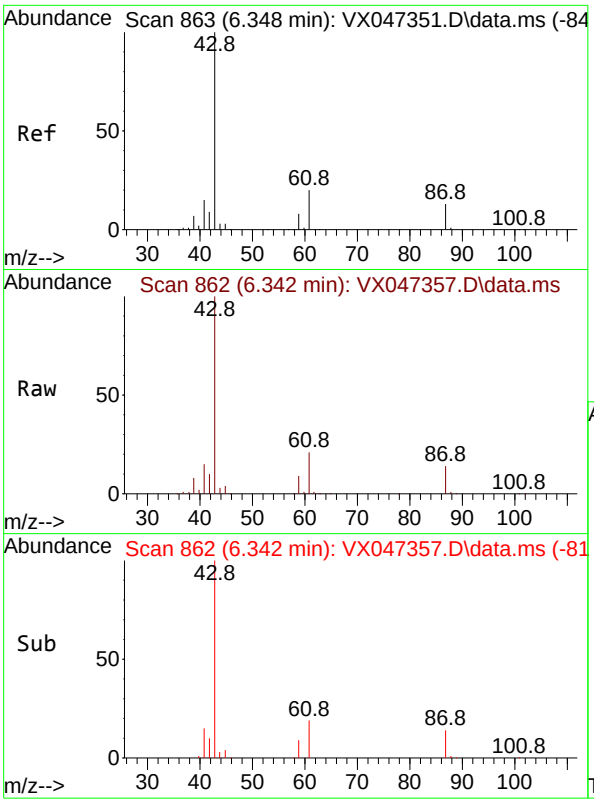


#42
1,2-Dichloroethane
Concen: 48.708 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.012 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 62 Resp: 226201

Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	18.0



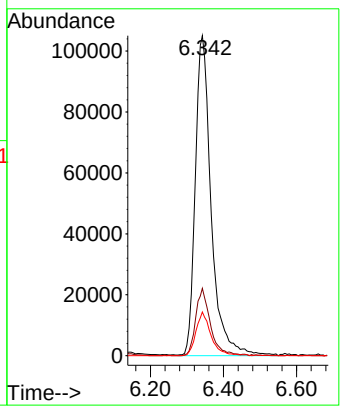


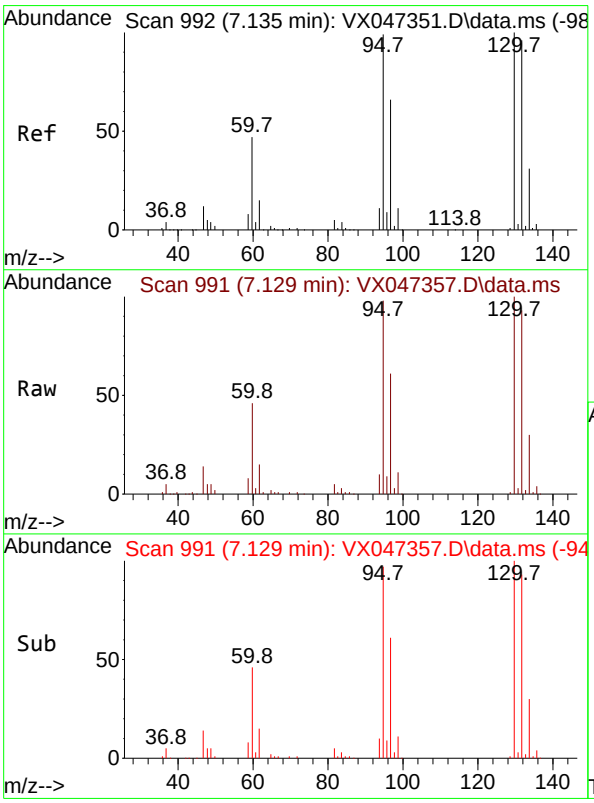
#43
Isopropyl Acetate
Concen: 48.740 ug/l
RT: 6.342 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Tgt Ion: 43 Resp: 318400

Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.4	23.0
87	12.9	10.2	15.4

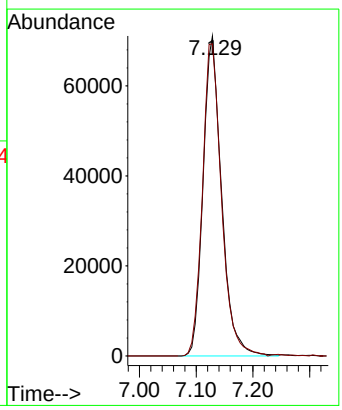


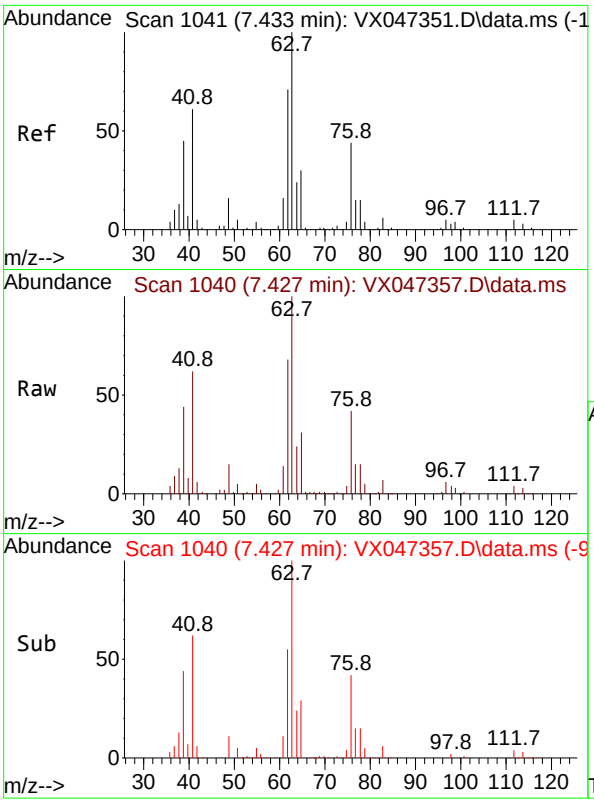


#44
Trichloroethene
Concen: 47.974 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion:130 Resp: 161053

Ion	Ratio	Lower	Upper
130	100		
95	97.5	0.0	198.6



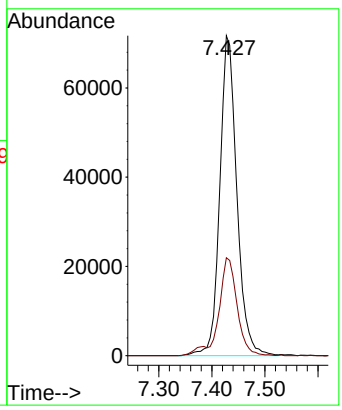


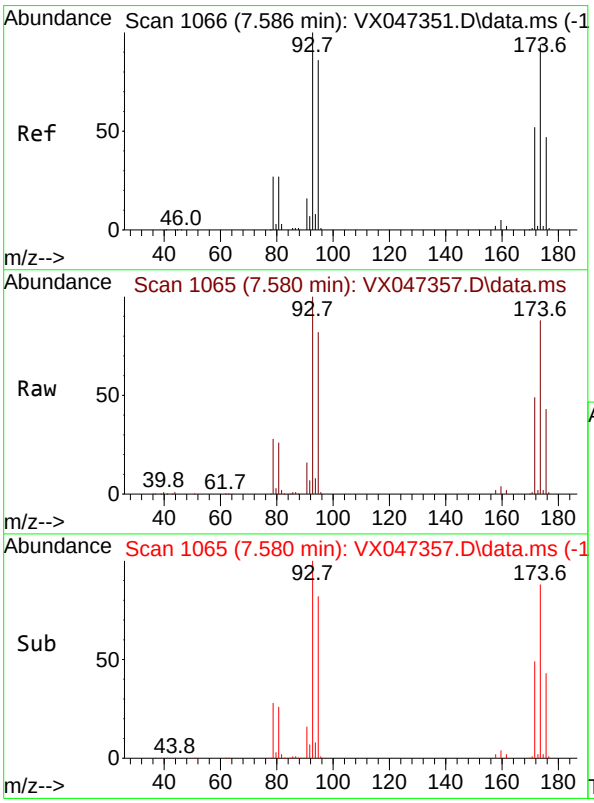
#45
1,2-Dichloropropane
Concen: 48.760 ug/l
RT: 7.427 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Tgt Ion: 63 Resp: 160155

Ion	Ratio	Lower	Upper
63	100		
65	30.6	23.8	35.6

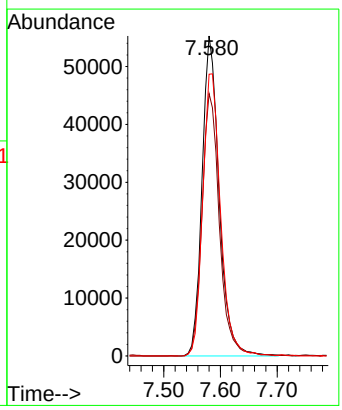


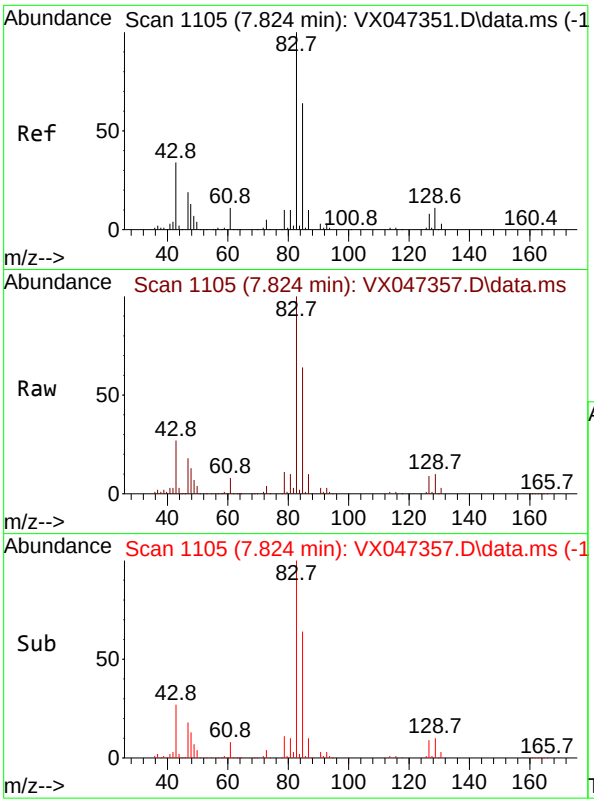


#46
Dibromomethane
Concen: 48.500 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 93 Resp: 115651

Ion	Ratio	Lower	Upper
93	100		
95	83.5	68.0	102.0
174	92.2	75.8	113.6



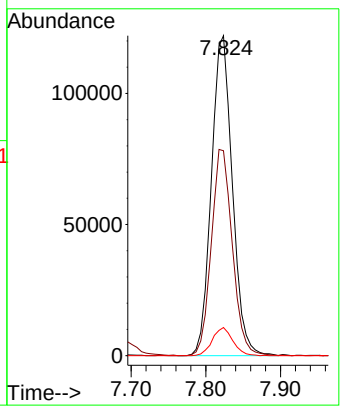


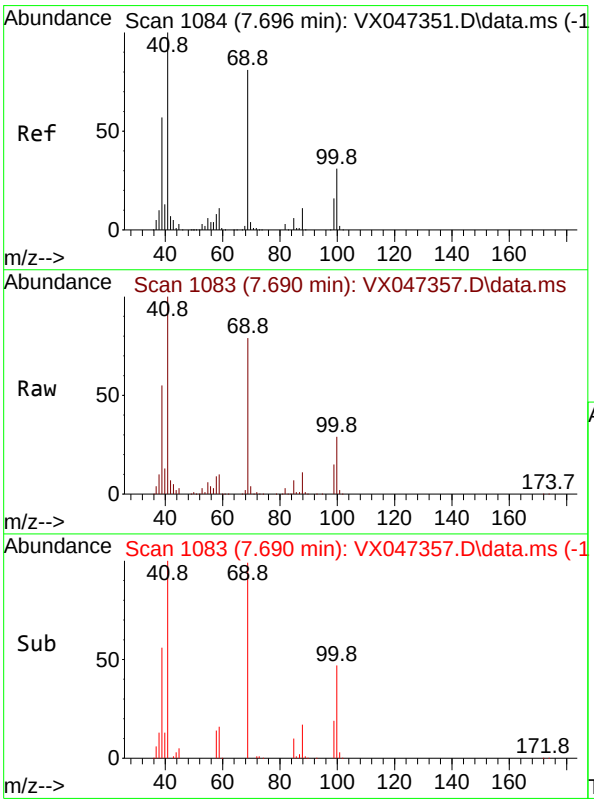
#47
Bromodichloromethane
Concen: 48.121 ug/l
RT: 7.824 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Tgt Ion: 83 Resp: 237881

Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.0	76.6
127	8.8	7.0	10.4

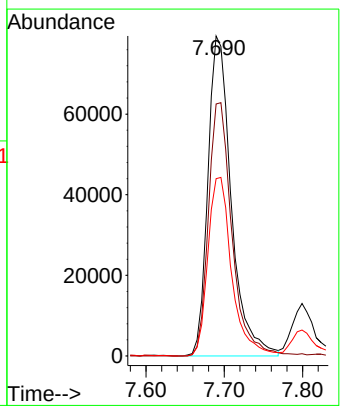


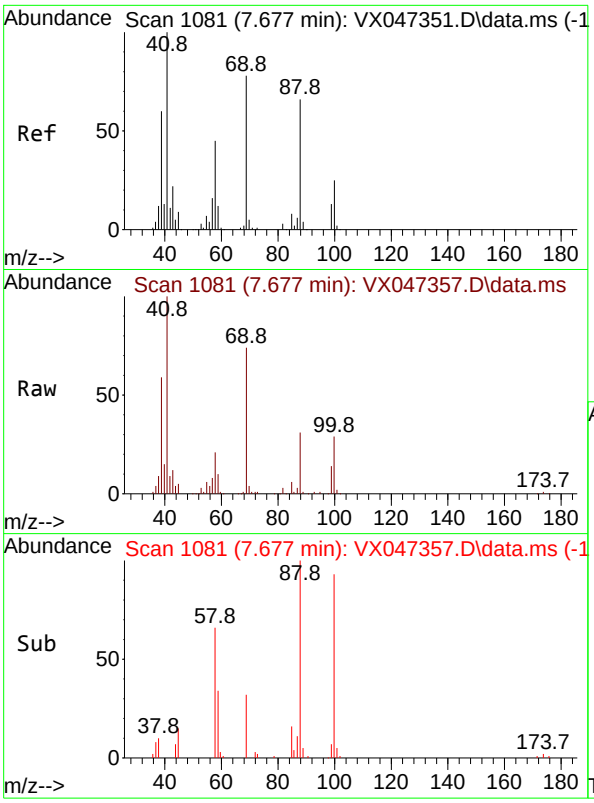


#48
Methyl methacrylate
Concen: 48.604 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 41 Resp: 164810

Ion	Ratio	Lower	Upper
41	100		
69	79.8	65.0	97.4
39	57.0	45.7	68.5



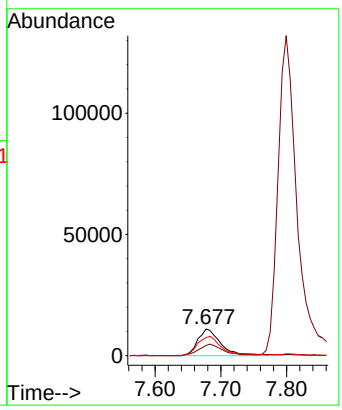


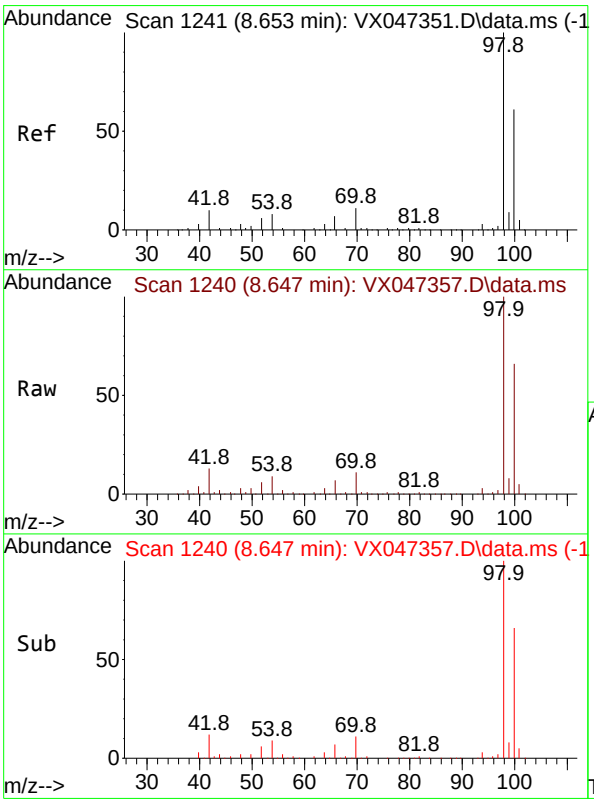
#49
1,4-Dioxane
Concen: 825.213 ug/l
RT: 7.677 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Tgt Ion: 88 Resp: 27202

Ion	Ratio	Lower	Upper
88	100		
43	46.0	32.4	48.6
58	75.7	56.9	85.3

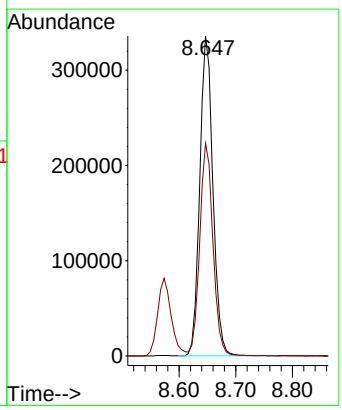


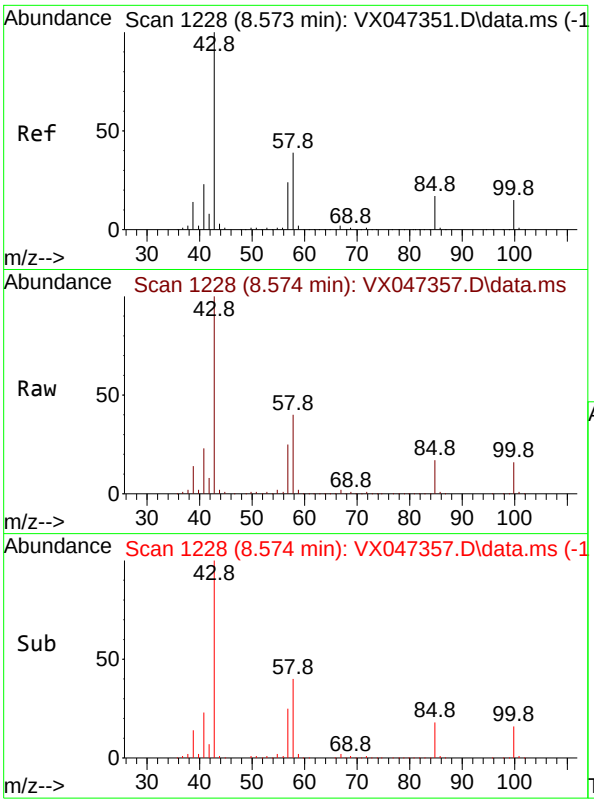


#50
Toluene-d8
Concen: 54.448 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 98 Resp: 540007

Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.9	80.9



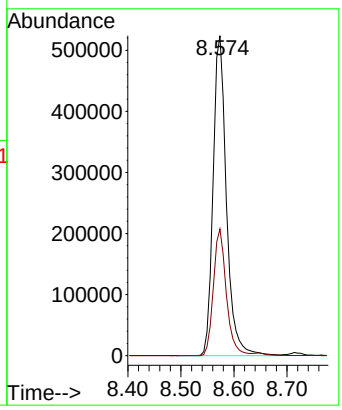


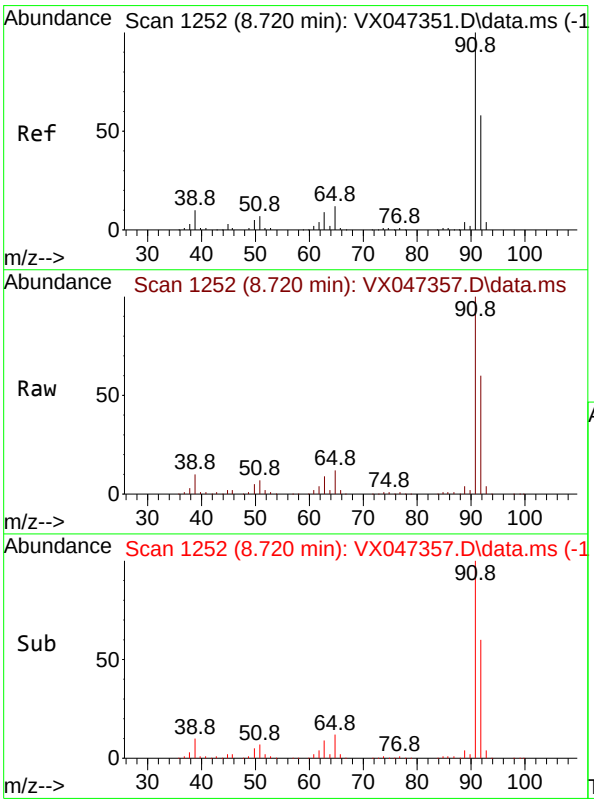
#51
4-Methyl-2-Pentanone
Concen: 243.797 ug/l
RT: 8.574 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Tgt Ion: 43 Resp: 916499

Ion	Ratio	Lower	Upper
43	100		
58	38.3	31.2	46.8

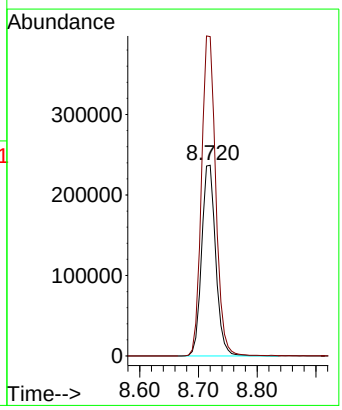


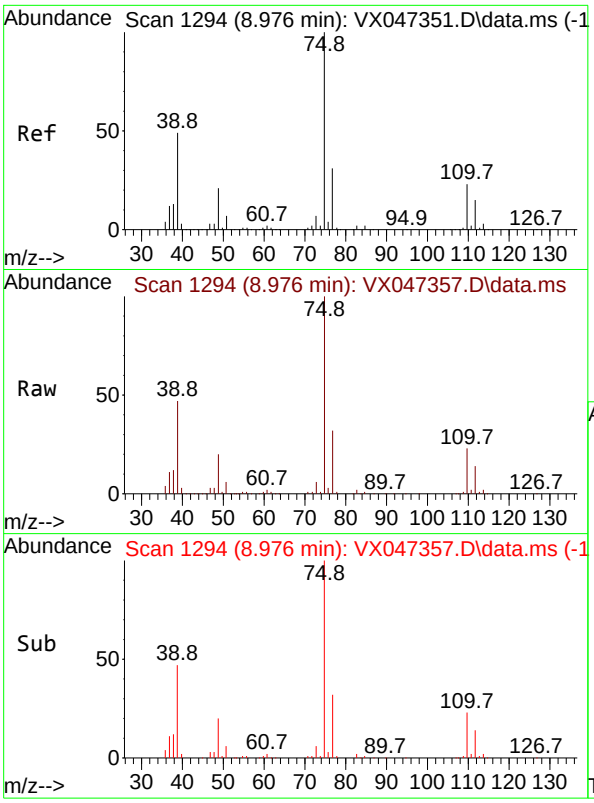


#52
Toluene
Concen: 48.706 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 92 Resp: 394588

Ion	Ratio	Lower	Upper
92	100		
91	170.1	136.3	204.5



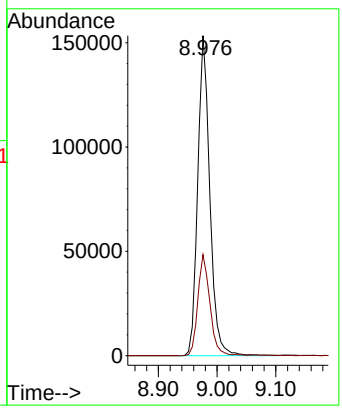


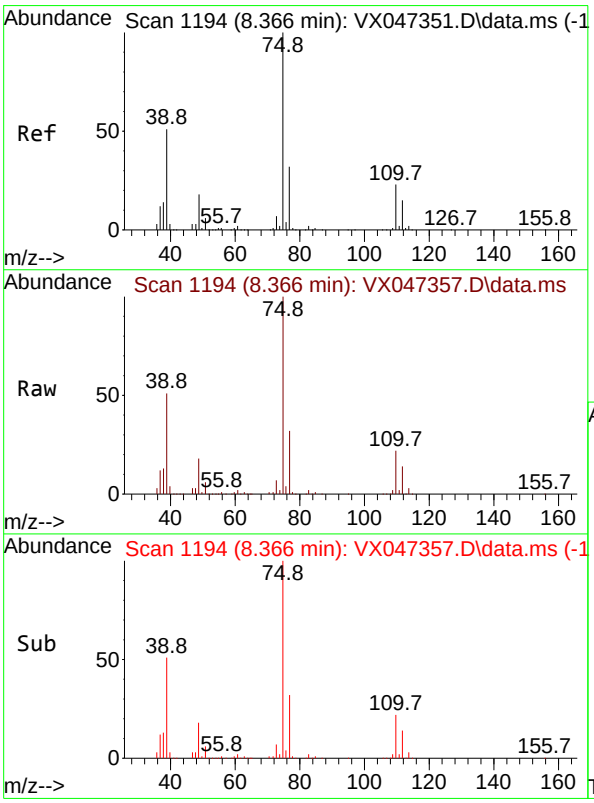
#53
t-1,3-Dichloropropene
Concen: 50.716 ug/l
RT: 8.976 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Tgt Ion: 75 Resp: 218807

Ion	Ratio	Lower	Upper
75	100		
77	31.5	24.7	37.1

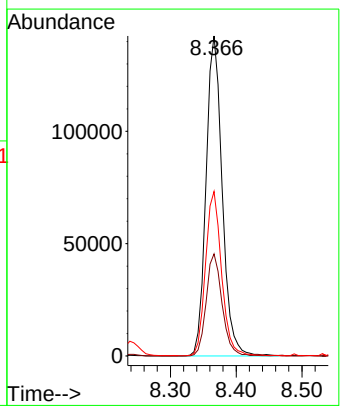


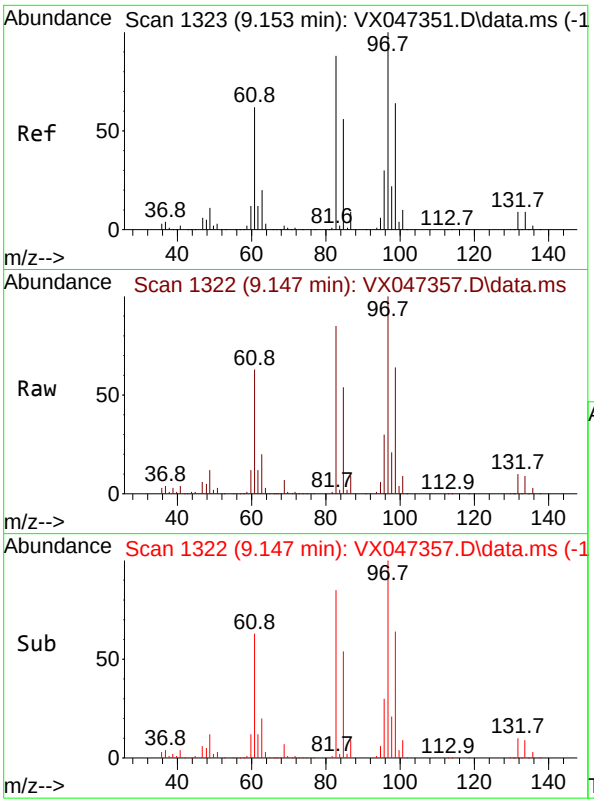


#54
cis-1,3-Dichloropropene
Concen: 49.956 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 75 Resp: 243957

Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.6	38.4
39	51.3	40.9	61.3



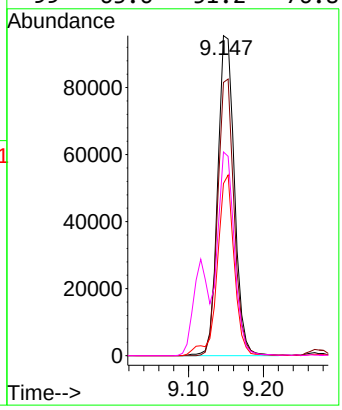


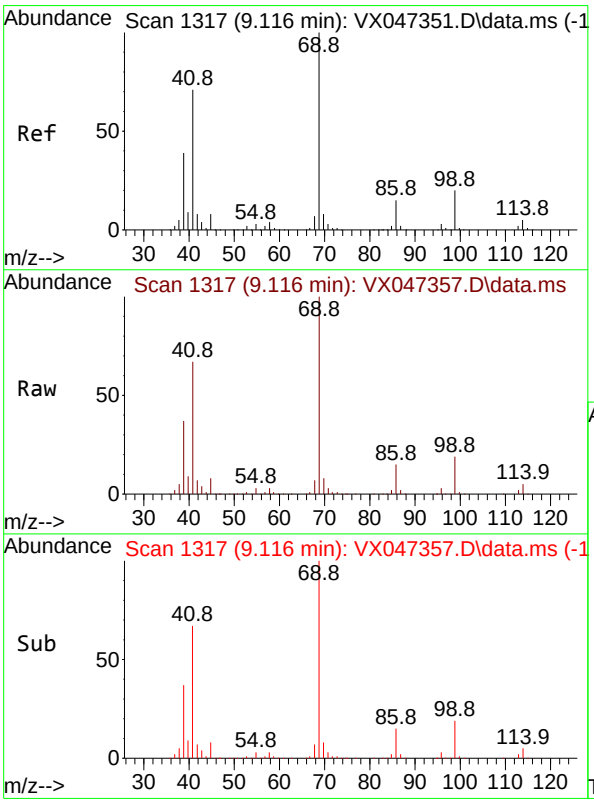
#55
1,1,2-Trichloroethane
Concen: 48.385 ug/l
RT: 9.147 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Tgt Ion: 97 Resp: 148831

Ion	Ratio	Lower	Upper
97	100		
83	85.4	70.6	106.0
85	53.8	44.7	67.1
99	63.6	51.2	76.8

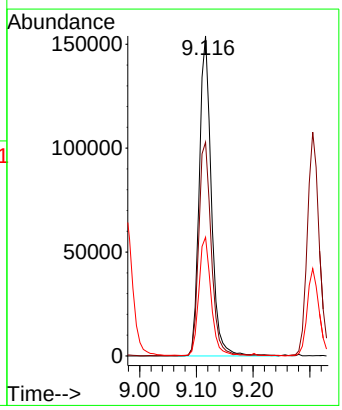


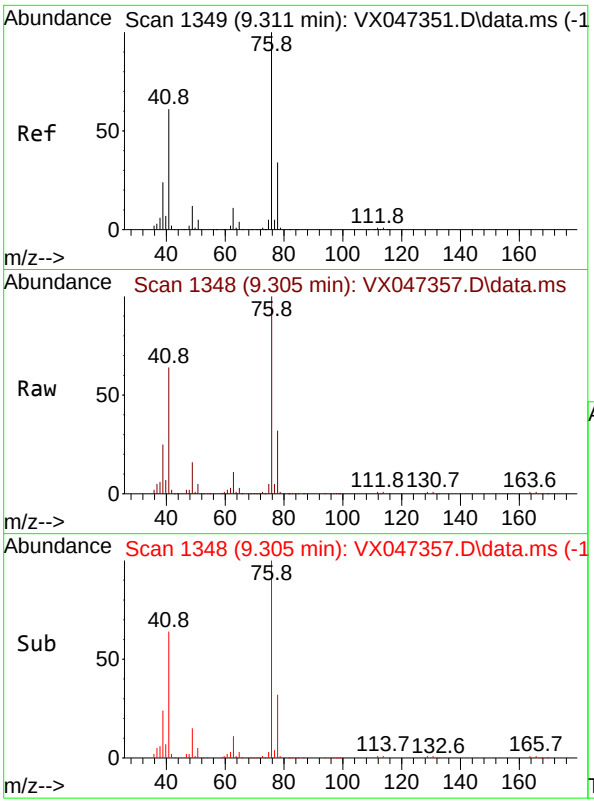


#56
Ethyl methacrylate
Concen: 50.140 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 69 Resp: 227388

Ion	Ratio	Lower	Upper
69	100		
41	69.1	55.3	82.9
39	37.2	30.2	45.2



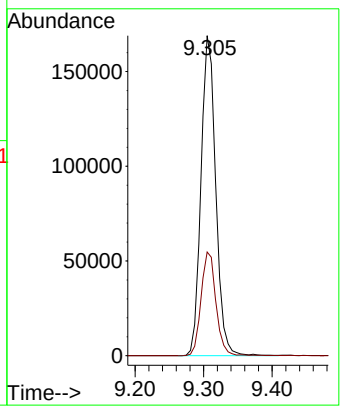


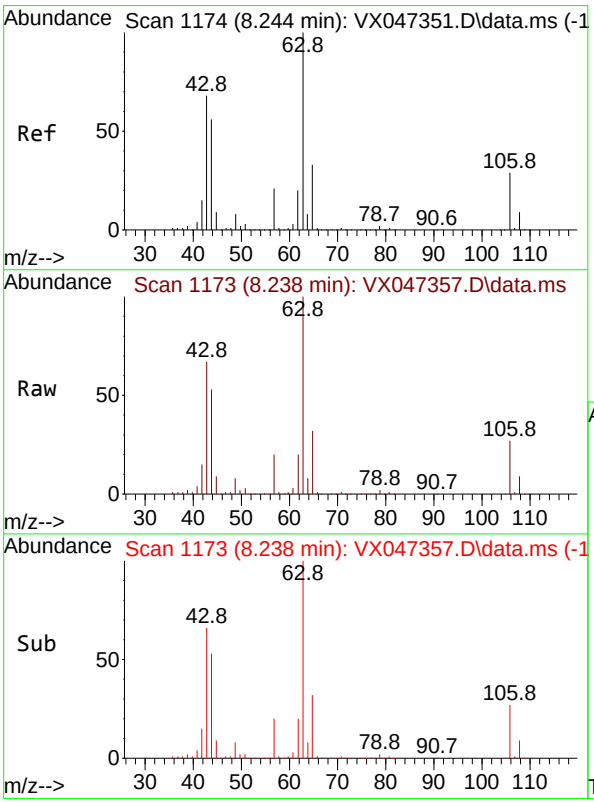
#57
1,3-Dichloropropane
Concen: 48.290 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Tgt Ion: 76 Resp: 253108

Ion	Ratio	Lower	Upper
76	100		
78	32.7	26.2	39.2

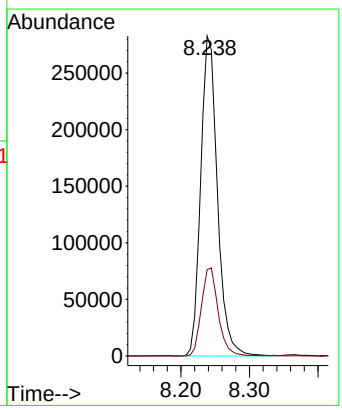


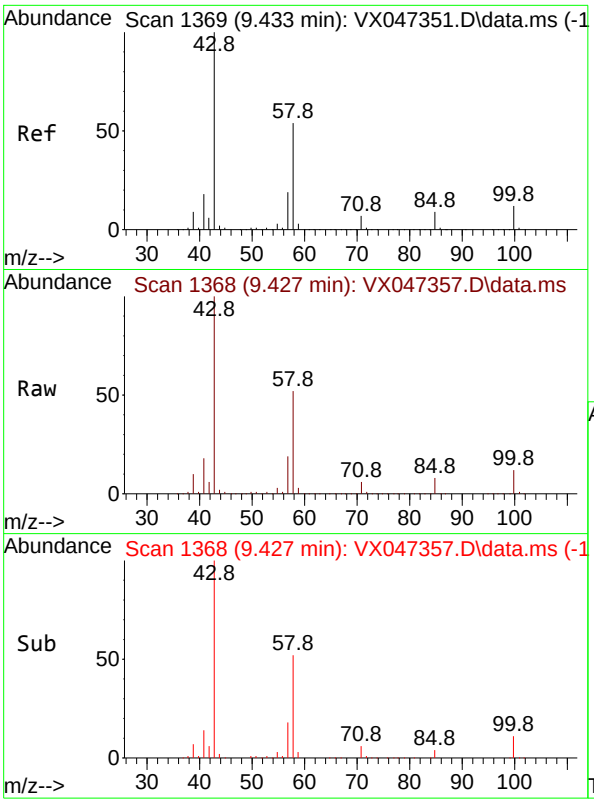


#58
2-Chloroethyl Vinyl ether
Concen: 222.770 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 63 Resp: 480379

Ion	Ratio	Lower	Upper
63	100		
106	27.7	22.8	34.2



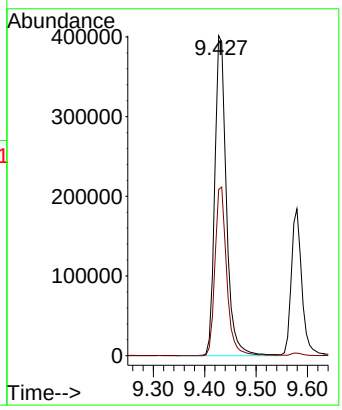


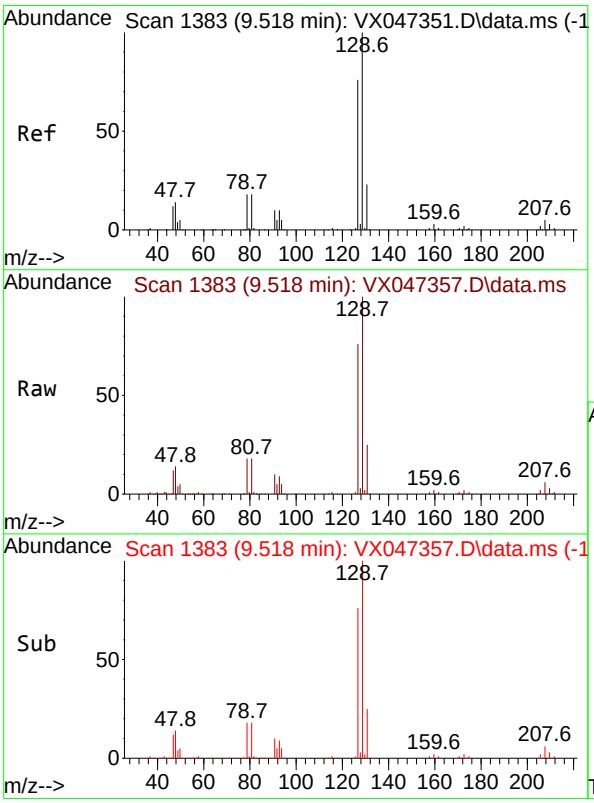
#59
2-Hexanone
Concen: 242.481 ug/l
RT: 9.427 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Tgt Ion: 43 Resp: 630542

Ion	Ratio	Lower	Upper
43	100		
58	53.2	26.9	80.7

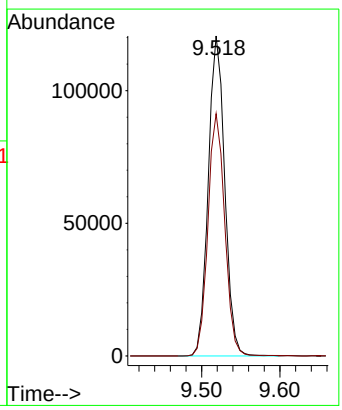


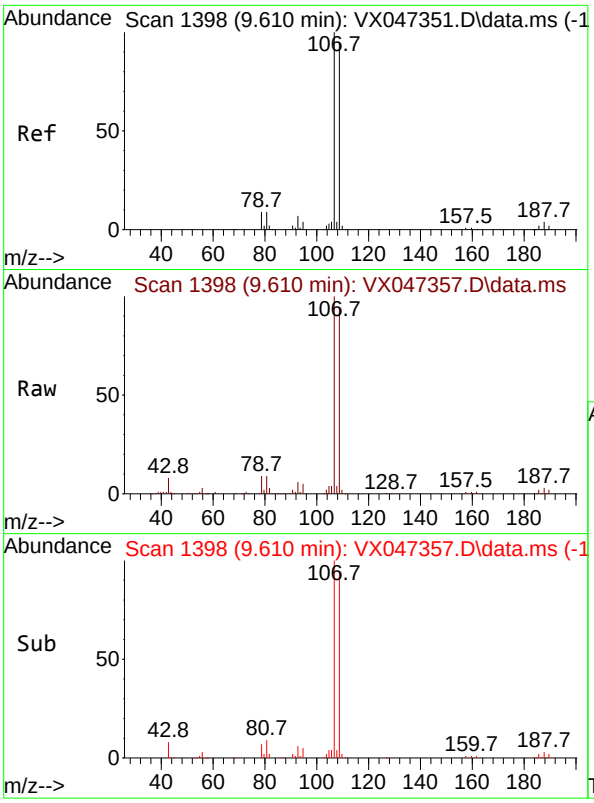


#60
Dibromochloromethane
Concen: 48.122 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion:129 Resp: 175911

Ion	Ratio	Lower	Upper
129	100		
127	77.0	38.9	116.6



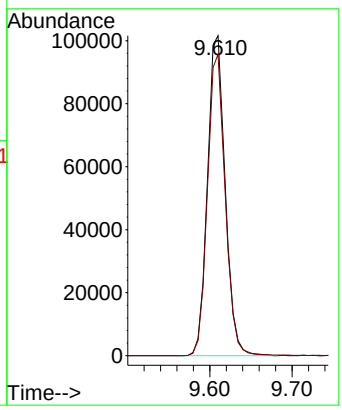


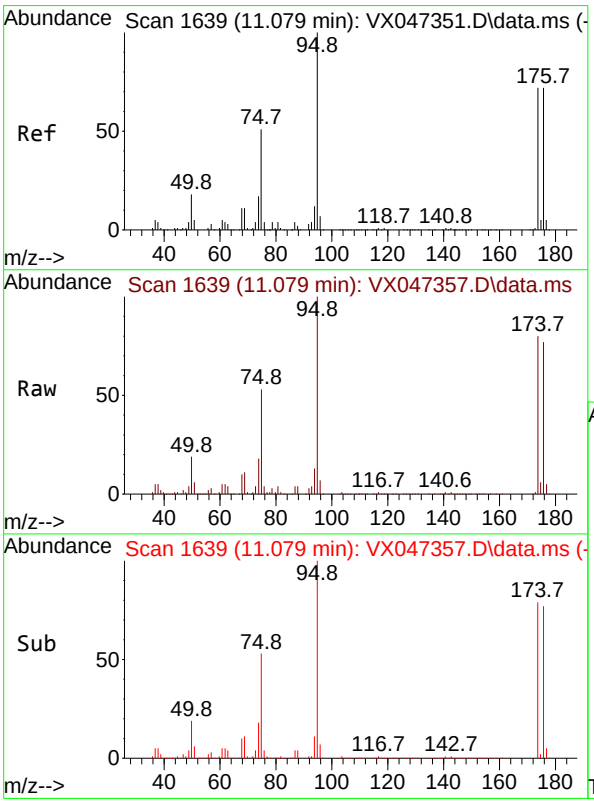
#61
1,2-Dibromoethane
Concen: 47.971 ug/l
RT: 9.610 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Tgt Ion:107 Resp: 152160

Ion	Ratio	Lower	Upper
107	100		
109	94.5	76.2	114.2

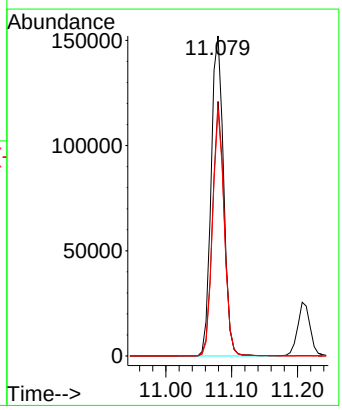


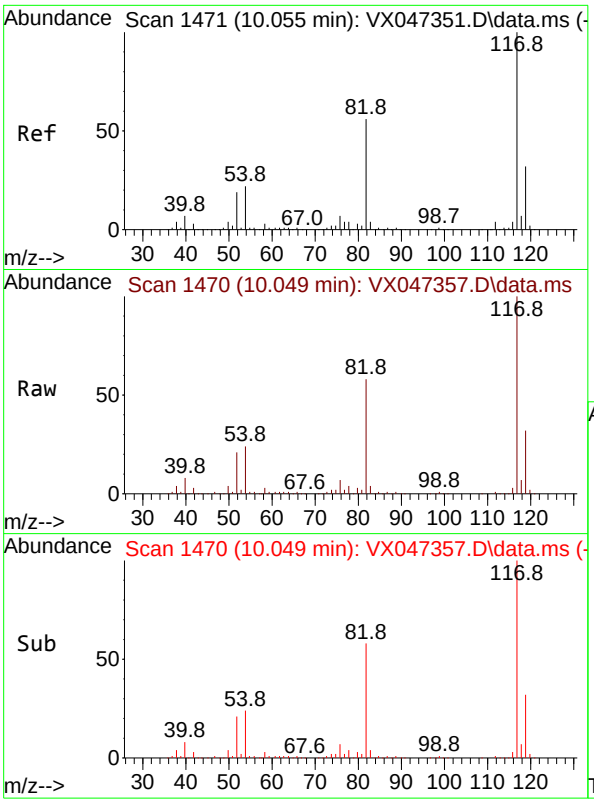


#62
4-Bromofluorobenzene
Concen: 54.723 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 95 Resp: 200280

Ion	Ratio	Lower	Upper
95	100		
174	74.5	0.0	148.0
176	72.2	0.0	145.4



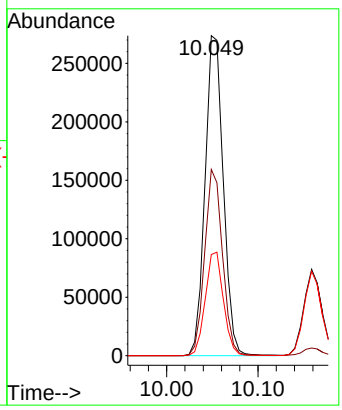


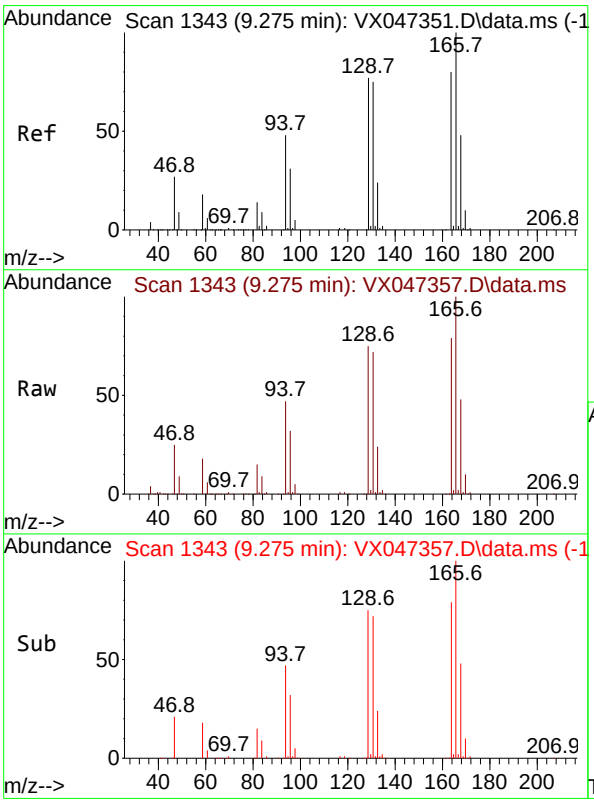
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Tgt Ion:117 Resp: 379004

Ion	Ratio	Lower	Upper
117	100		
82	58.2	45.0	67.4
119	31.6	25.8	38.8

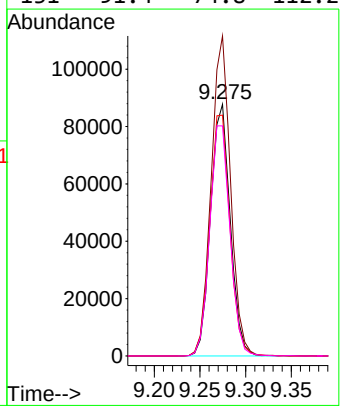


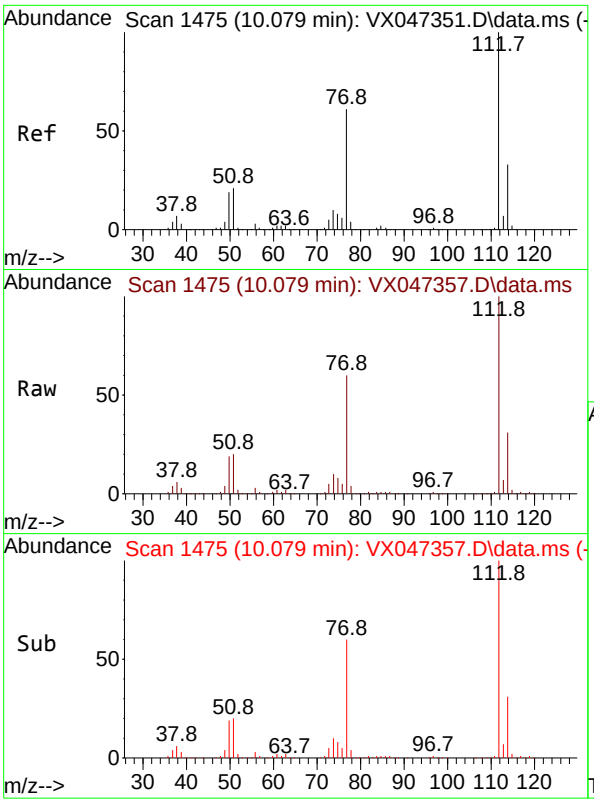


#64
Tetrachloroethene
Concen: 47.871 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion:164 Resp: 131233

Ion	Ratio	Lower	Upper
164	100		
166	127.1	100.3	150.5
129	95.7	77.7	116.5
131	91.4	74.8	112.2



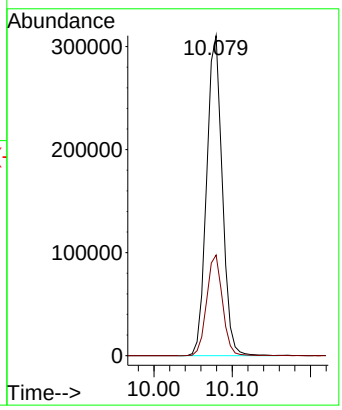


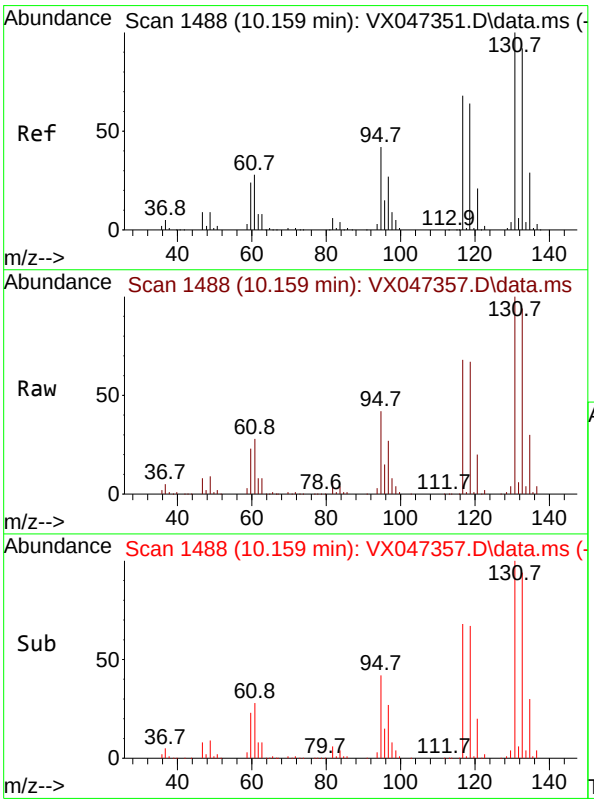
#65
Chlorobenzene
Concen: 47.724 ug/l
RT: 10.079 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Tgt Ion:112 Resp: 429835

Ion	Ratio	Lower	Upper
112	100		
114	31.4	26.4	39.6

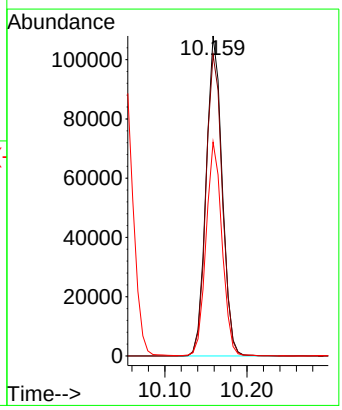


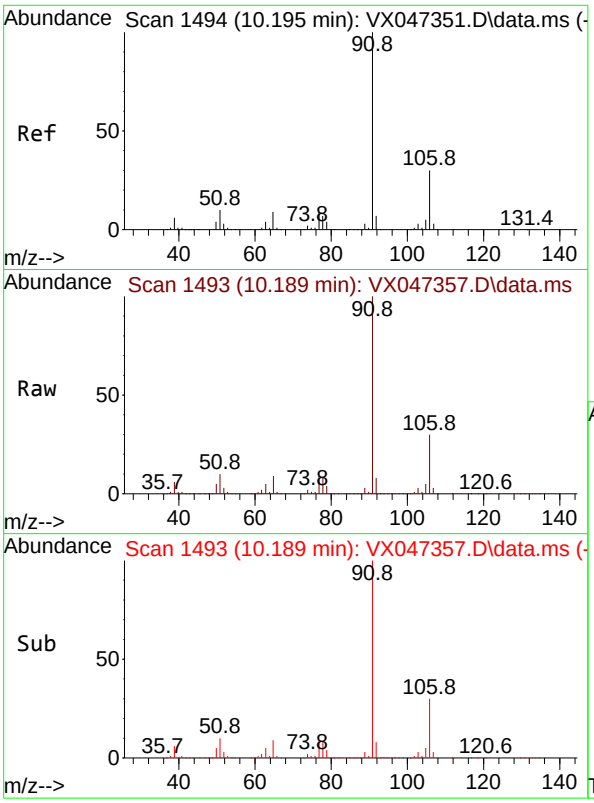


#66
1,1,1,2-Tetrachloroethane
Concen: 48.099 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion:131 Resp: 146443

Ion	Ratio	Lower	Upper
131	100		
133	95.9	47.6	142.9
119	66.6	32.3	96.8



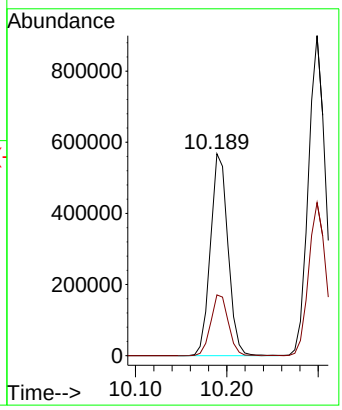


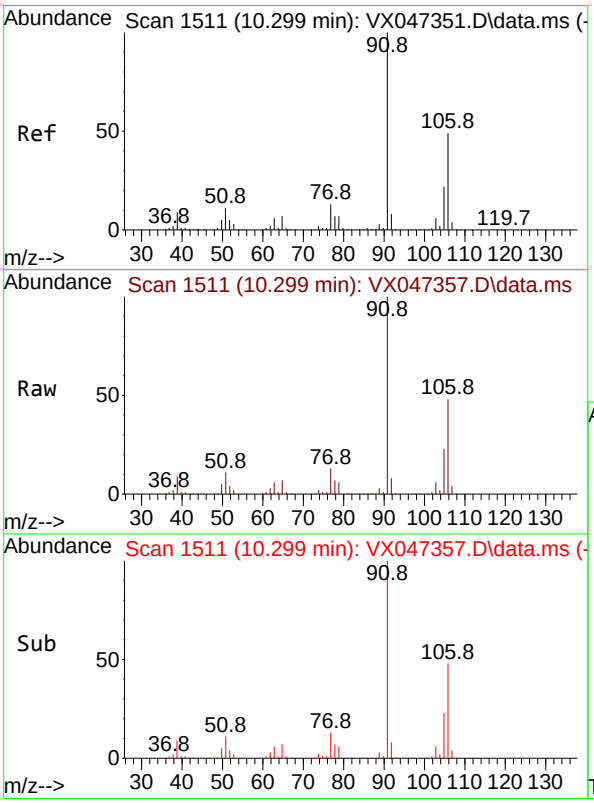
#67
Ethyl Benzene
Concen: 48.829 ug/l
RT: 10.189 min Scan# 14
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Tgt Ion: 91 Resp: 756938

Ion	Ratio	Lower	Upper
91	100		
106	30.1	24.4	36.6

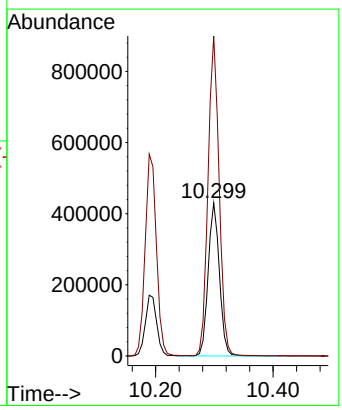


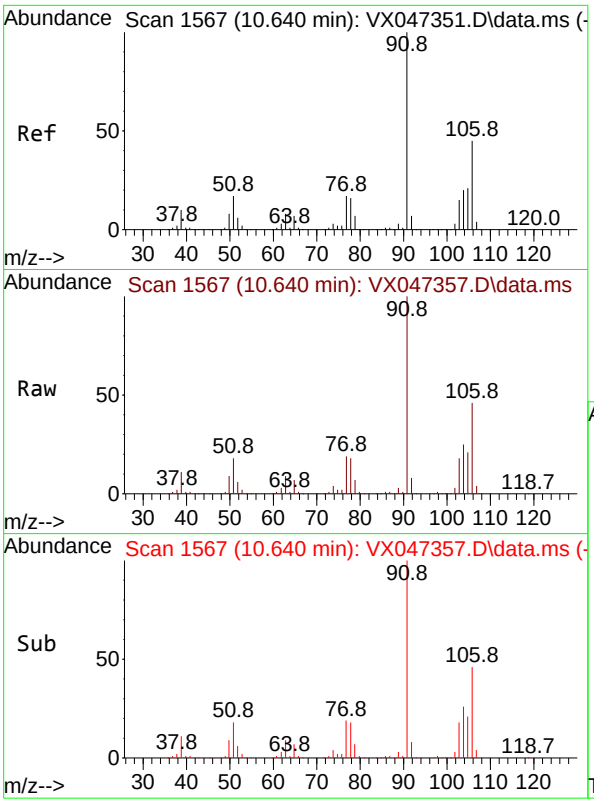


#68
m/p-Xylenes
Concen: 98.705 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion:106 Resp: 570536

Ion	Ratio	Lower	Upper
106	100		
91	207.5	164.7	247.1



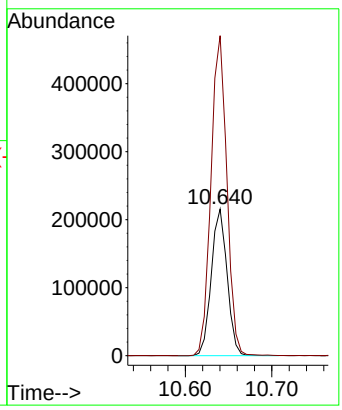


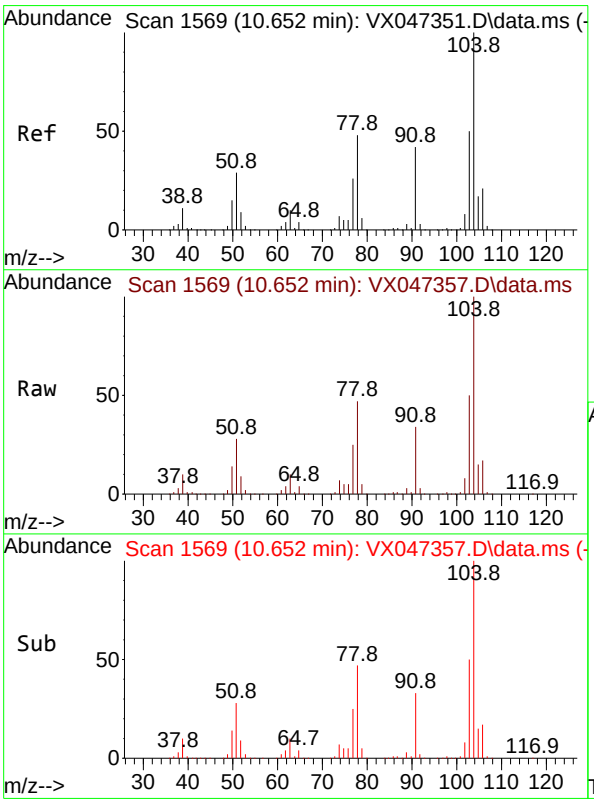
#69
o-Xylene
Concen: 49.223 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Tgt Ion:106 Resp: 273804

Ion	Ratio	Lower	Upper
106	100		
91	219.2	110.6	331.8

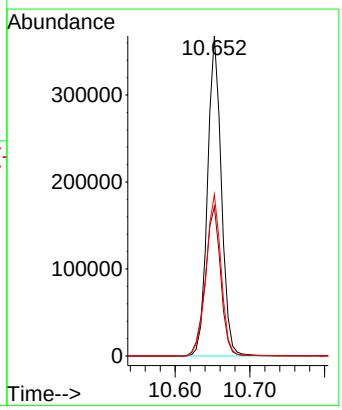


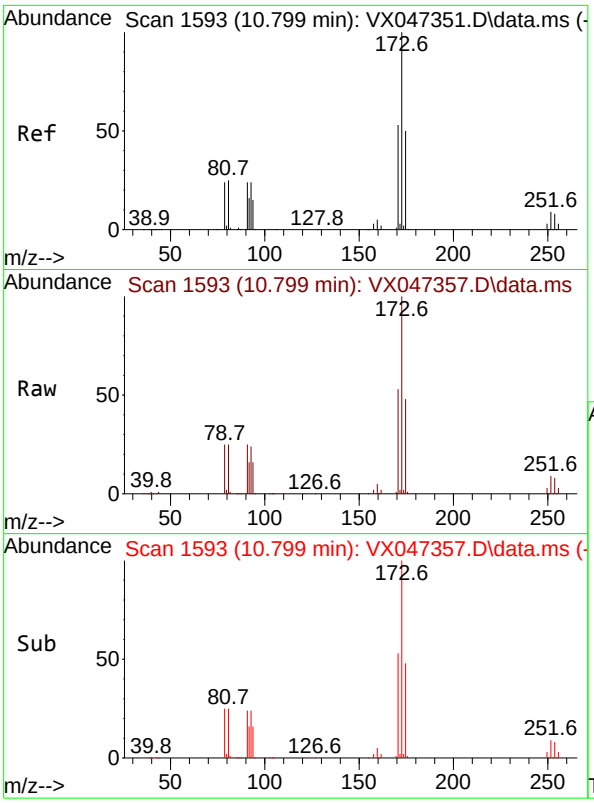


#70
Styrene
Concen: 50.176 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion:104 Resp: 471591

Ion	Ratio	Lower	Upper
104	100		
78	52.1	41.8	62.8
103	55.0	43.6	65.4



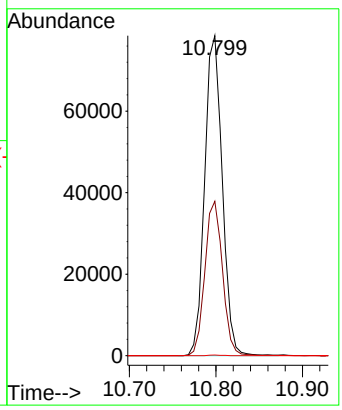


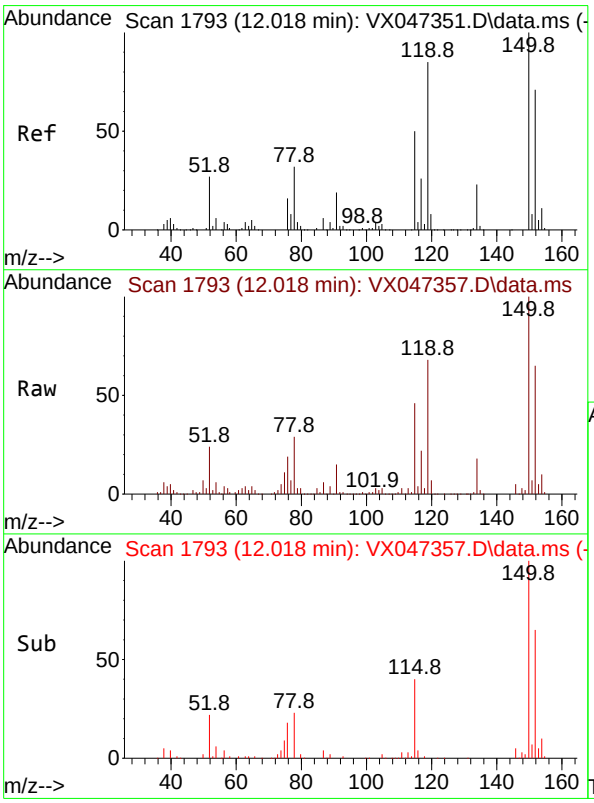
#71
Bromoform
Concen: 48.446 ug/l
RT: 10.799 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Tgt Ion:173 Resp: 110810

Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.4	73.4
254	0.2	0.1	0.1#

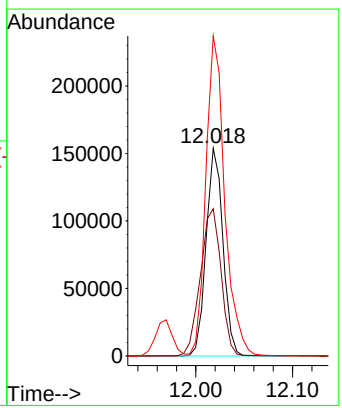


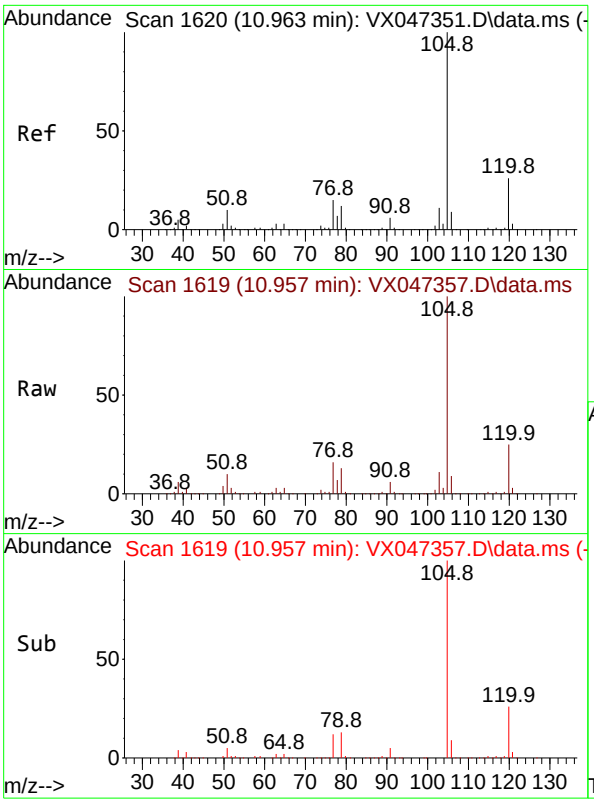


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion:152 Resp: 185789

Ion	Ratio	Lower	Upper
152	100		
115	87.4	44.6	133.8
150	172.7	0.0	349.8



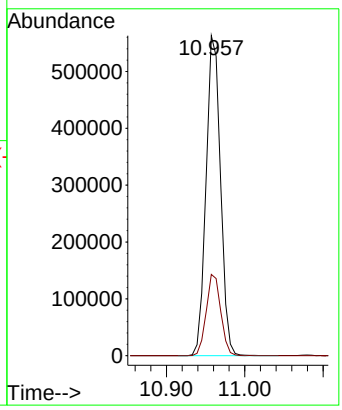


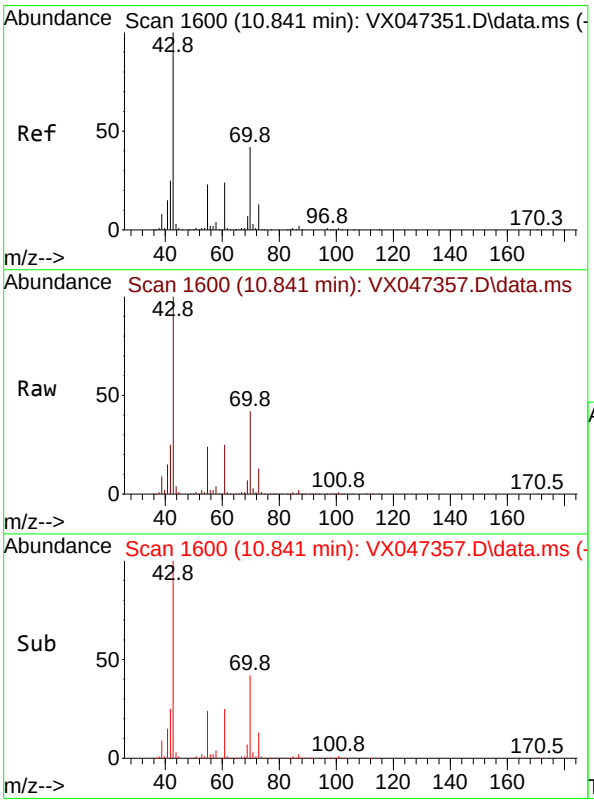
#73
Isopropylbenzene
Concen: 49.432 ug/l
RT: 10.957 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Tgt Ion:105 Resp: 718690

Ion	Ratio	Lower	Upper
105	100		
120	25.5	12.9	38.6

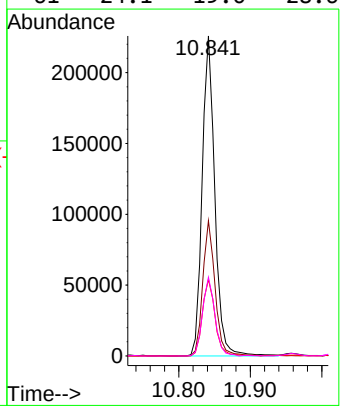


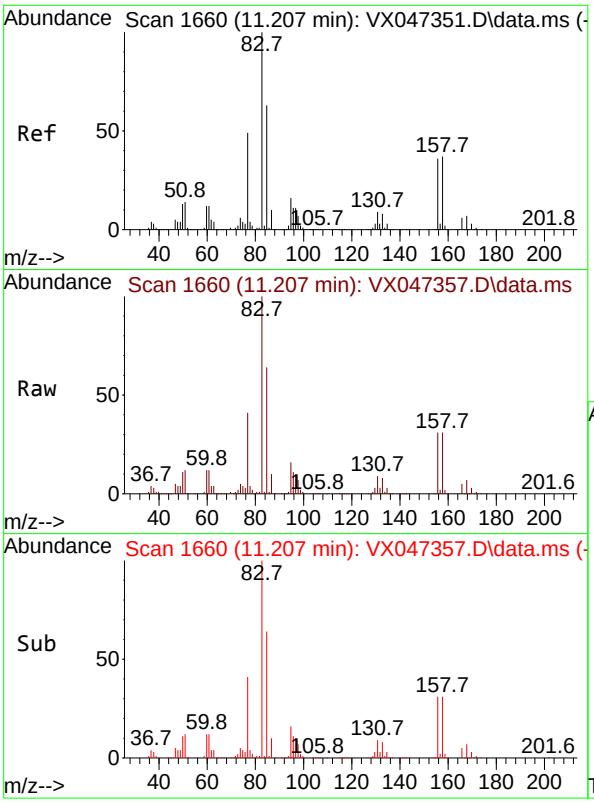


#74
N-amyl acetate
Concen: 50.217 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 43 Resp: 277245

Ion	Ratio	Lower	Upper
43	100		
70	41.4	33.1	49.7
55	24.1	19.0	28.6
61	24.1	19.0	28.6



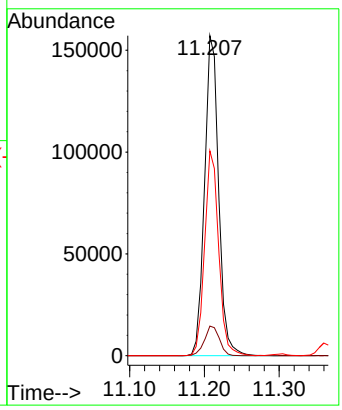


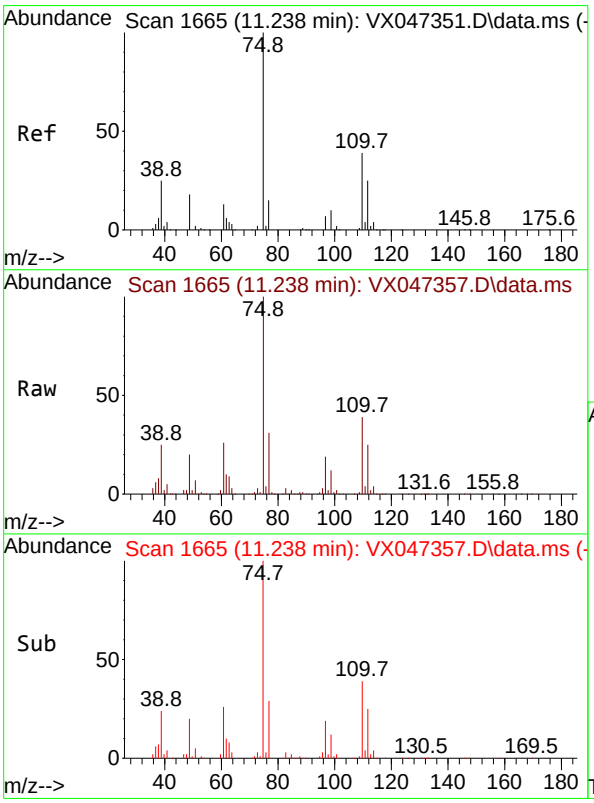
#75
1,1,2,2-Tetrachloroethane
Concen: 48.087 ug/l
RT: 11.207 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Tgt Ion: 83 Resp: 205267

Ion	Ratio	Lower	Upper
83	100		
131	9.8	5.0	15.0
85	63.9	31.7	95.1

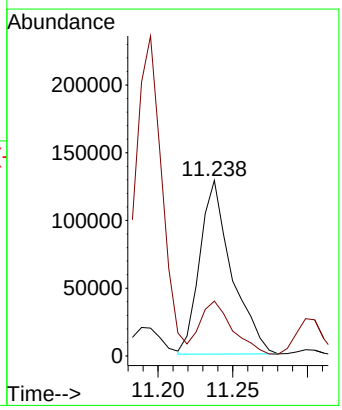


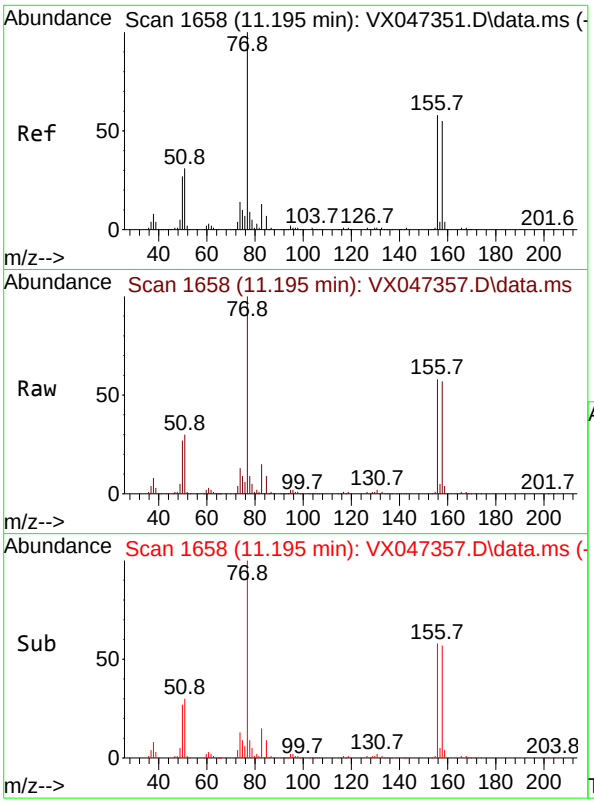


#76
1,2,3-Trichloropropane
Concen: 55.834 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 75 Resp: 190260

Ion	Ratio	Lower	Upper
75	100		
77	33.0	19.4	58.2



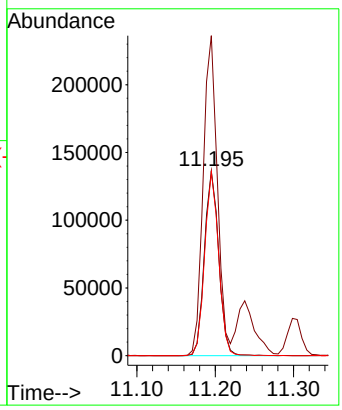


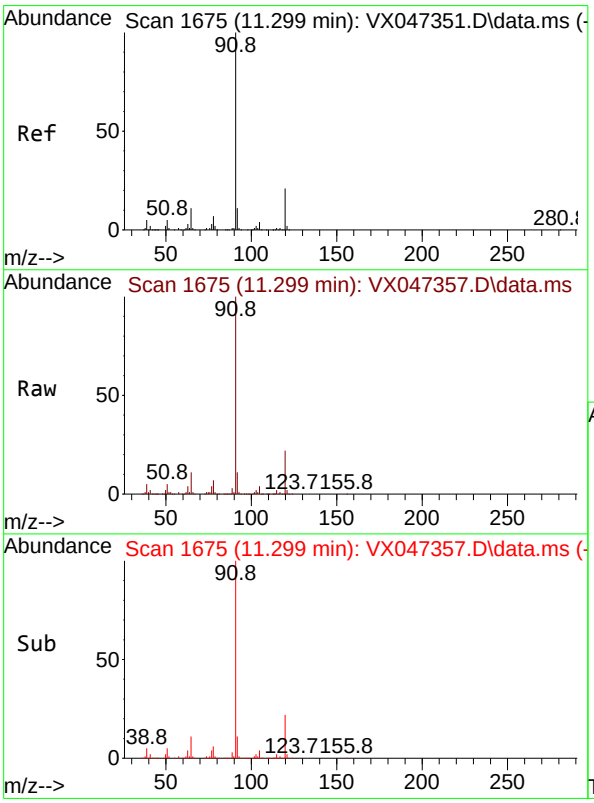
#77
Bromobenzene
Concen: 48.465 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Tgt Ion:156 Resp: 172064

Ion	Ratio	Lower	Upper
156	100		
77	172.7	86.3	258.9
158	97.7	48.0	144.2

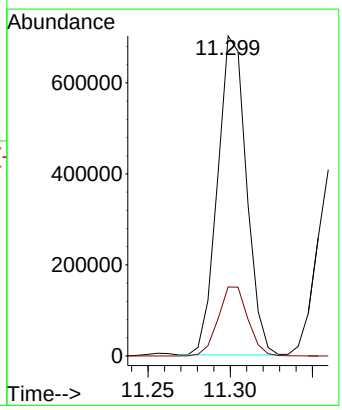


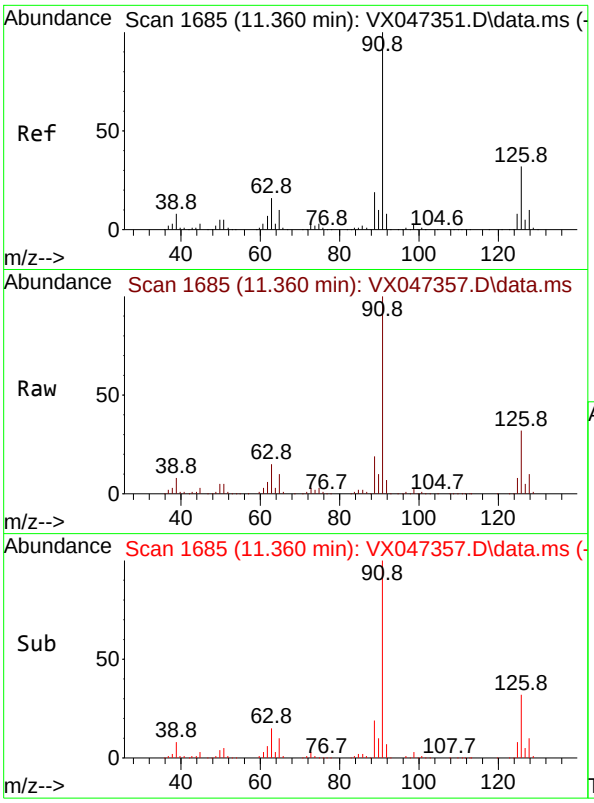


#78
n-propylbenzene
Concen: 49.351 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 91 Resp: 856923

Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.0	33.0



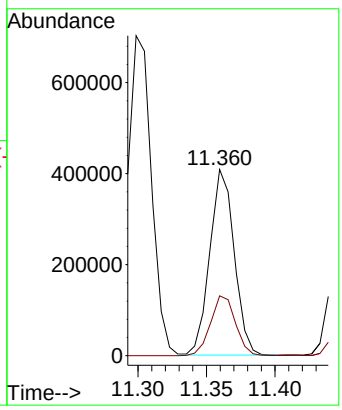


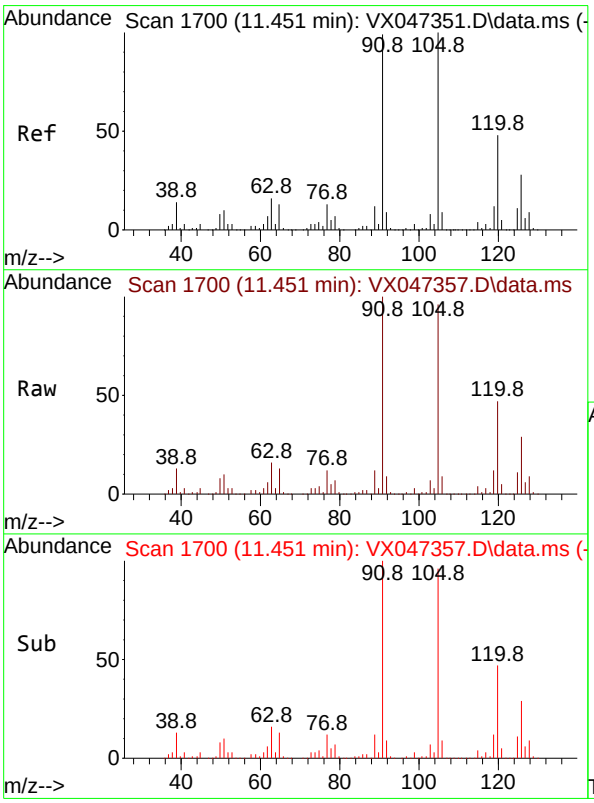
#79
2-Chlorotoluene
Concen: 48.241 ug/l
RT: 11.360 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Tgt Ion: 91 Resp: 506366

Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.7	50.1

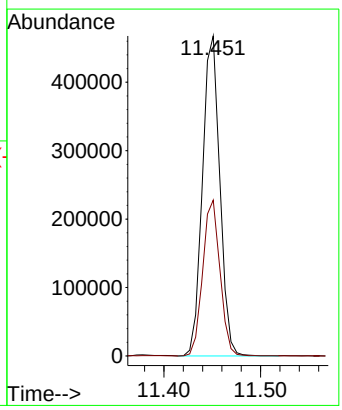


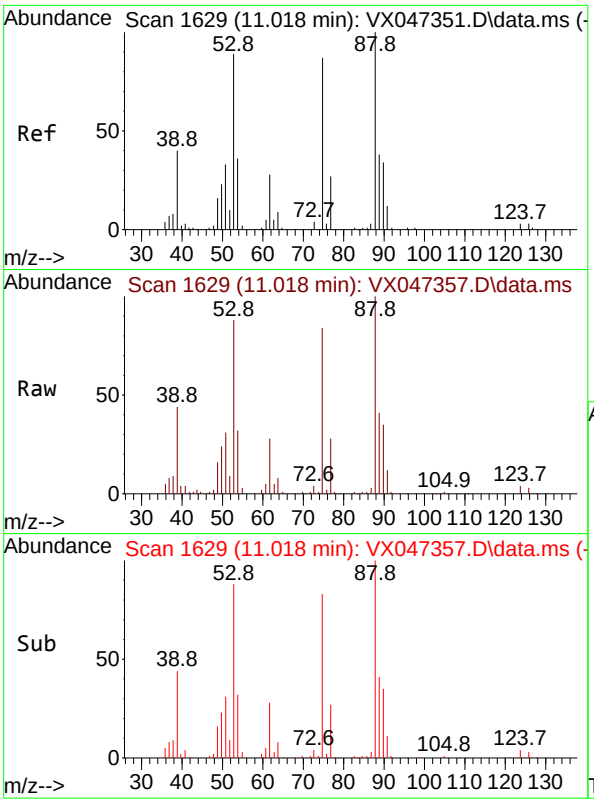


#80
1,3,5-Trimethylbenzene
Concen: 49.013 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion:105 Resp: 586315

Ion	Ratio	Lower	Upper
105	100		
120	48.3	23.9	71.7



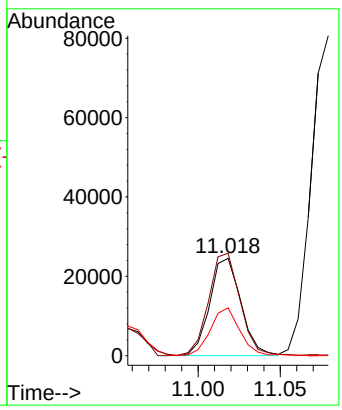


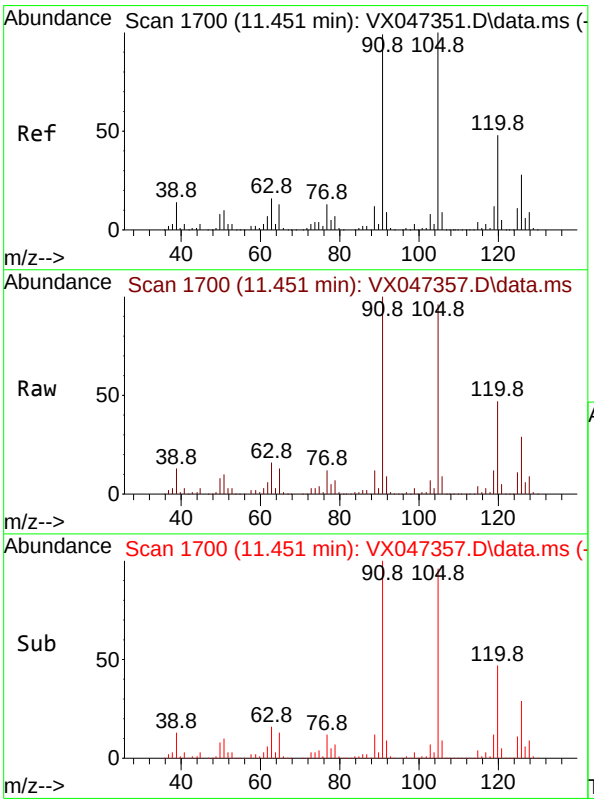
#81
trans-1,4-Dichloro-2-butene
Concen: 42.686 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Tgt Ion: 75 Resp: 32392

Ion	Ratio	Lower	Upper
75	100		
53	106.1	85.2	127.8
89	46.5	36.7	55.1

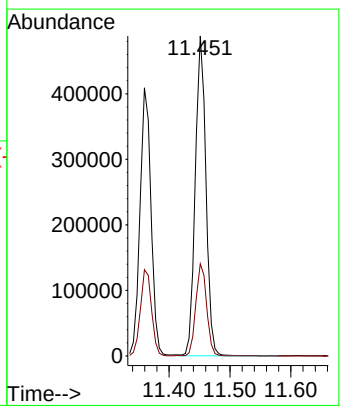


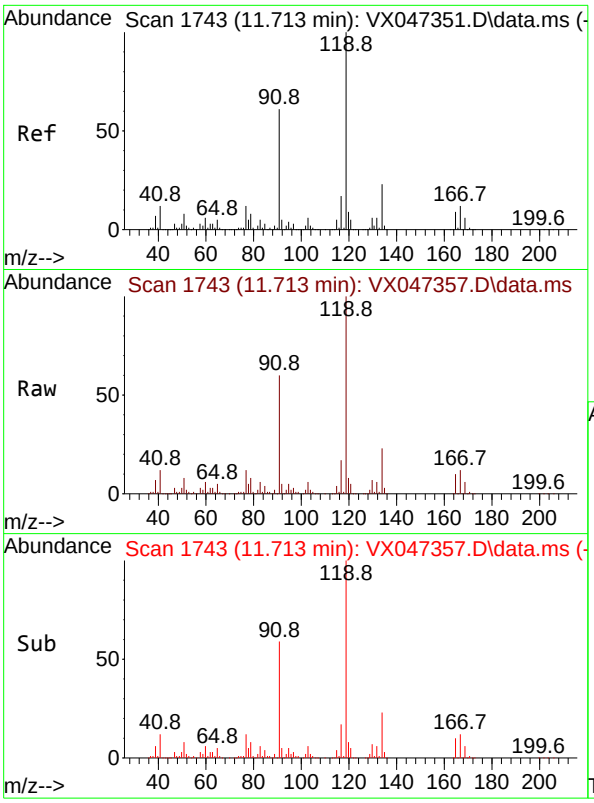


#82
4-Chlorotoluene
Concen: 47.889 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 91 Resp: 592542

Ion	Ratio	Lower	Upper
91	100		
126	29.2	14.4	43.0



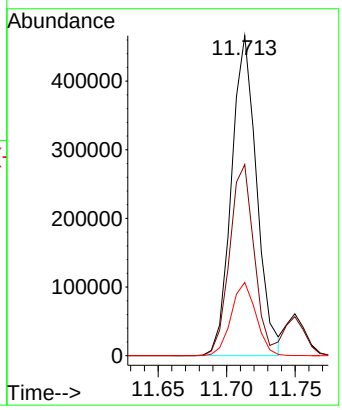


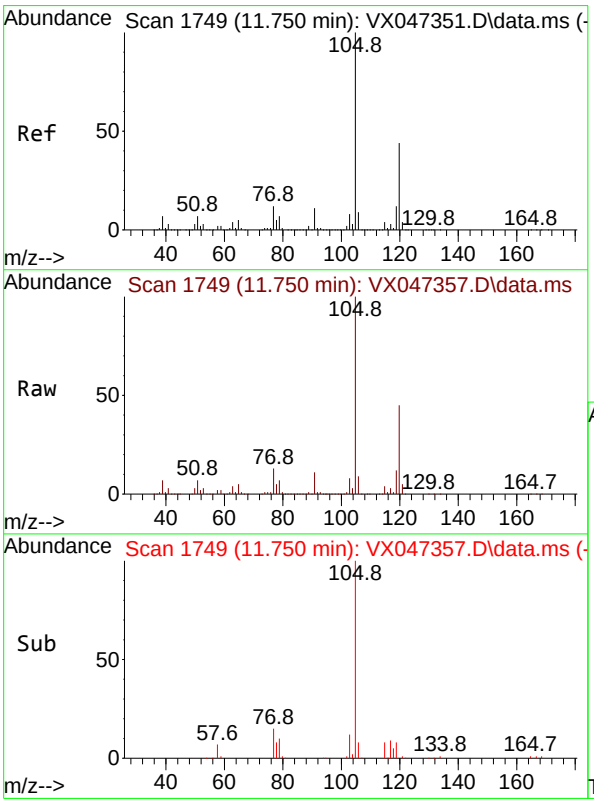
#83
tert-Butylbenzene
Concen: 49.841 ug/l
RT: 11.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Tgt Ion:119 Resp: 594831

Ion	Ratio	Lower	Upper
119	100		
91	57.9	29.1	87.4
134	22.7	11.3	33.9

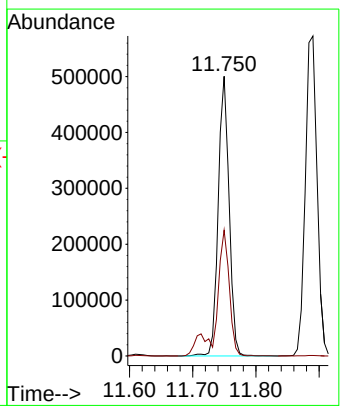


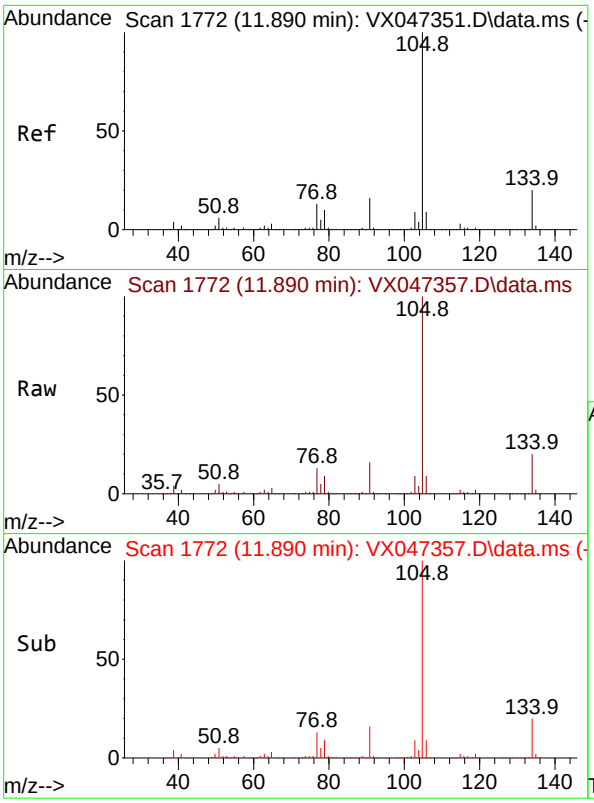


#84
1,2,4-Trimethylbenzene
Concen: 49.796 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion:105 Resp: 595697

Ion	Ratio	Lower	Upper
105	100		
120	43.1	21.9	65.7



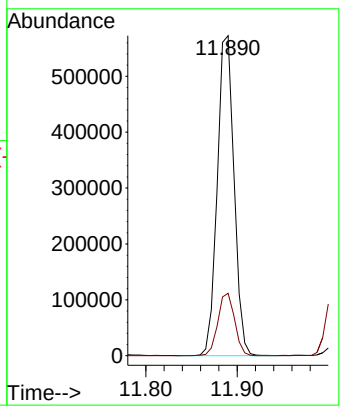


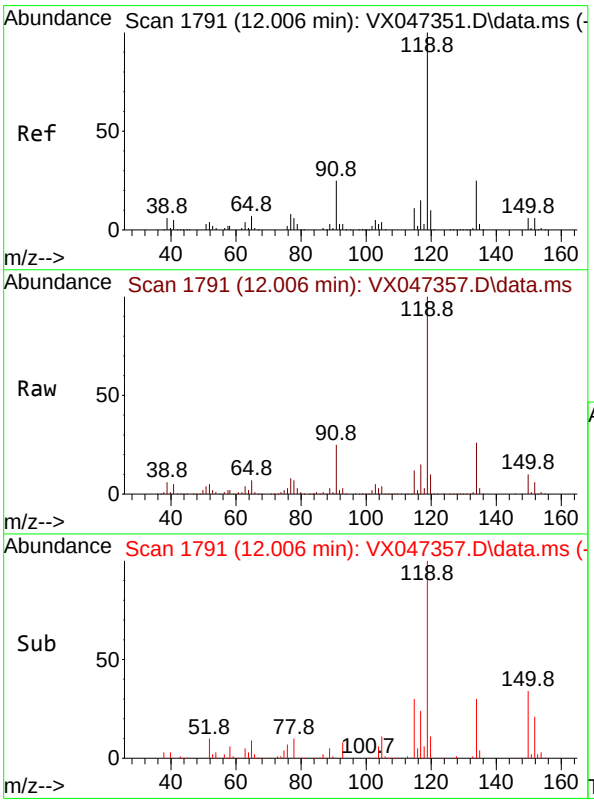
#85
sec-Butylbenzene
Concen: 49.507 ug/l
RT: 11.890 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Tgt Ion:105 Resp: 732328

Ion	Ratio	Lower	Upper
105	100		
134	19.5	9.8	29.5

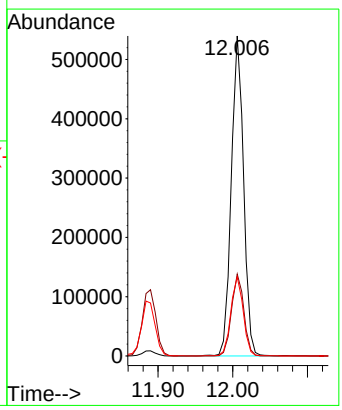


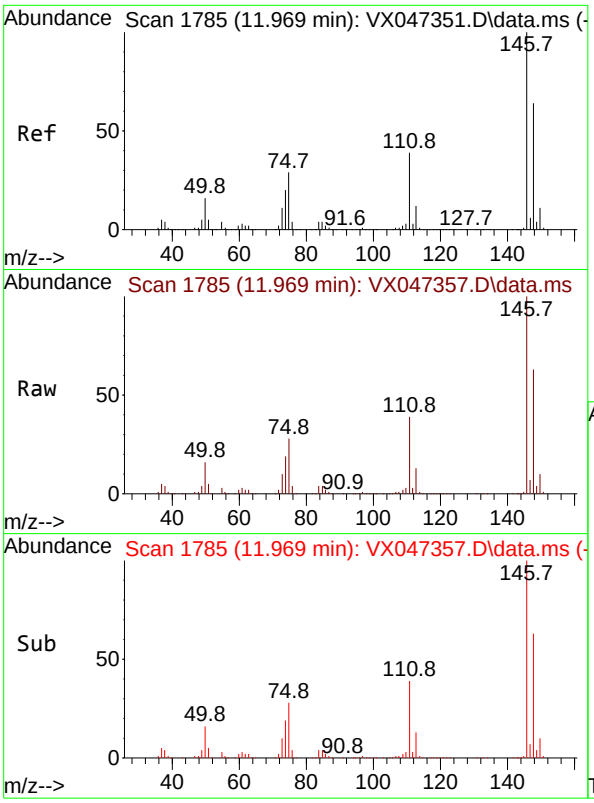


#86
p-Isopropyltoluene
Concen: 49.332 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion:119 Resp: 617508

Ion	Ratio	Lower	Upper
119	100		
134	25.8	12.8	38.4
91	25.0	12.4	37.4



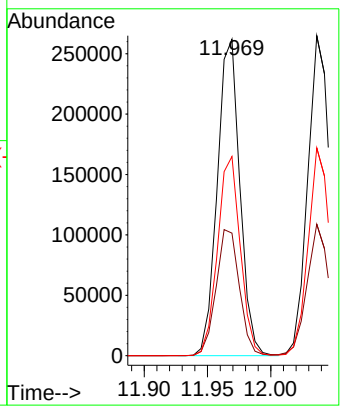


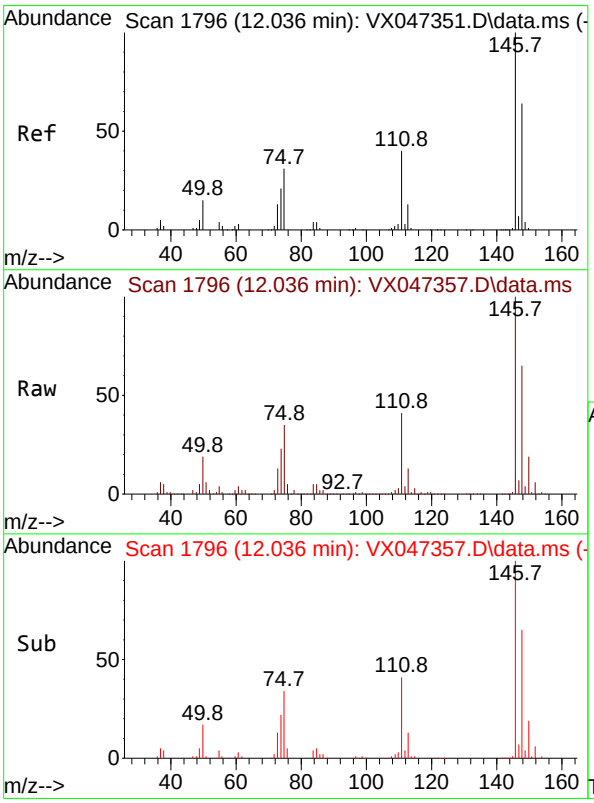
#87
1,3-Dichlorobenzene
Concen: 47.926 ug/l
RT: 11.969 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Tgt Ion:146 Resp: 325055

Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.6	61.8
148	63.4	31.9	95.5

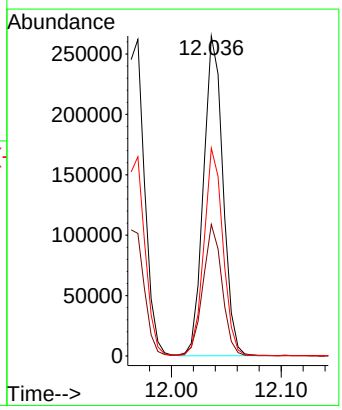


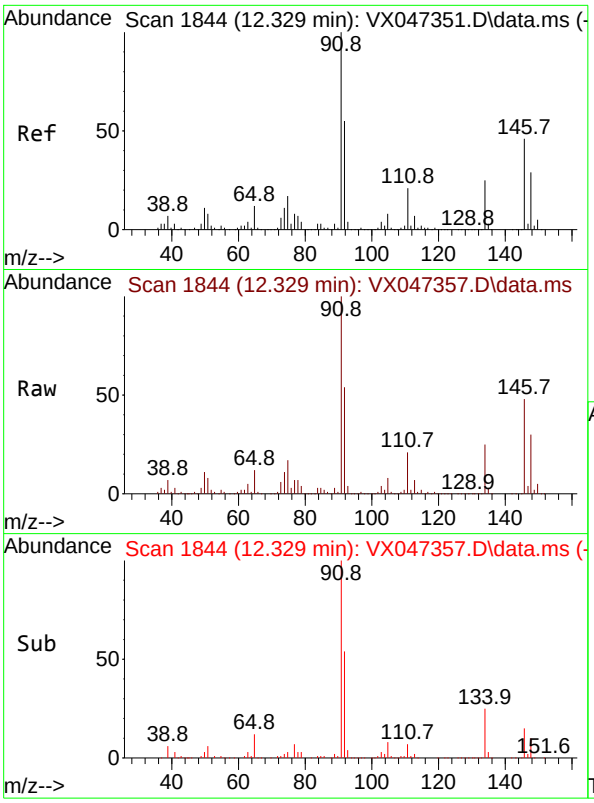


#88
1,4-Dichlorobenzene
Concen: 46.752 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion:146 Resp: 326132

Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.4	61.2
148	63.8	31.7	95.1



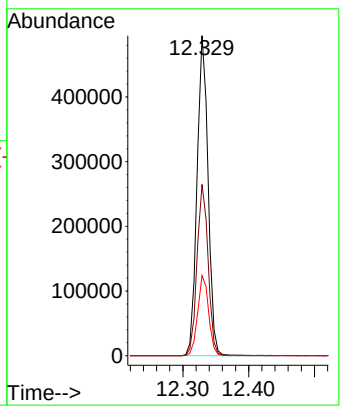


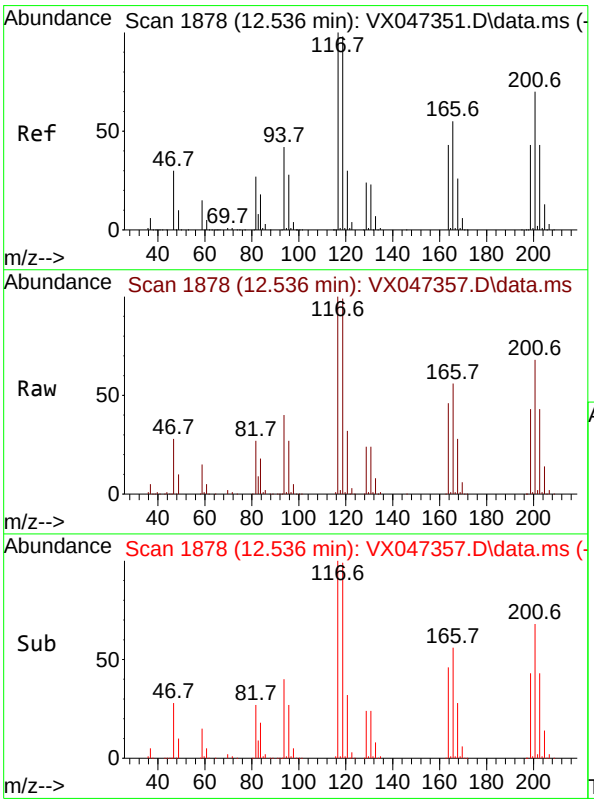
#89
n-Butylbenzene
Concen: 49.556 ug/l
RT: 12.329 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Tgt Ion: 91 Resp: 576963

Ion	Ratio	Lower	Upper
91	100		
92	53.7	27.2	81.5
134	24.9	12.6	37.8

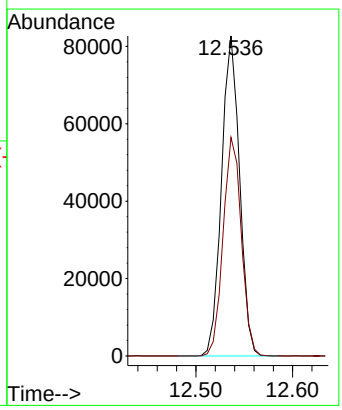


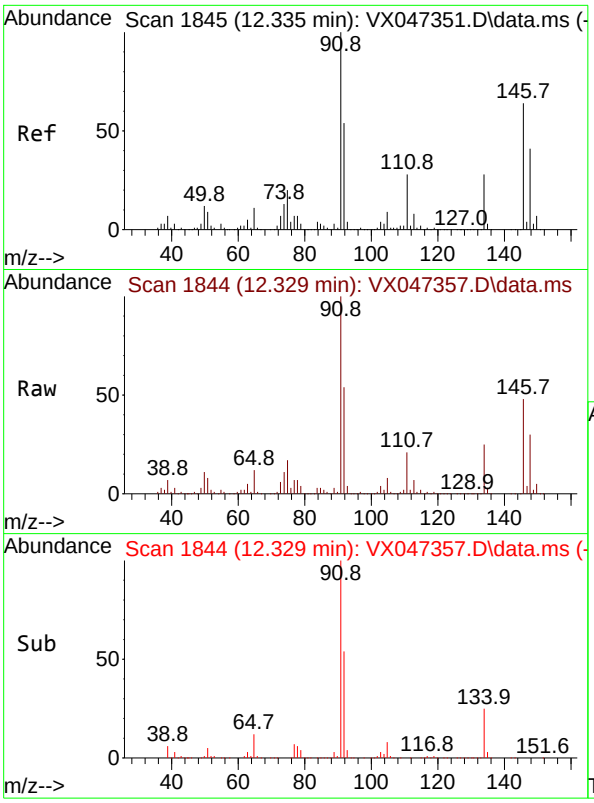


#90
Hexachloroethane
Concen: 48.749 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion:117 Resp: 107051

Ion	Ratio	Lower	Upper
117	100		
201	69.1	35.1	105.3



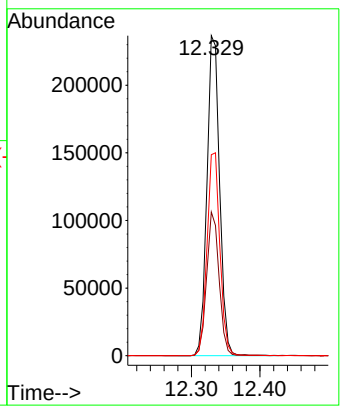


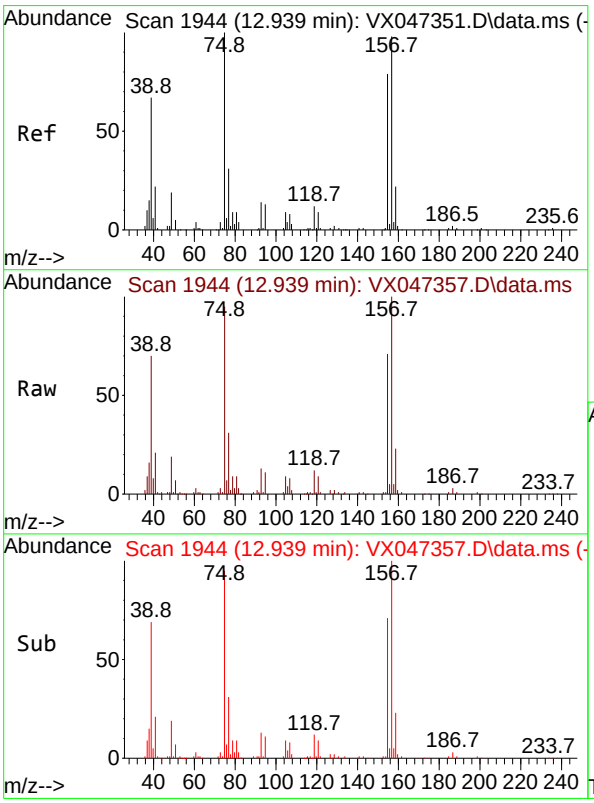
#91
1,2-Dichlorobenzene
Concen: 47.283 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Tgt Ion:146 Resp: 304391

Ion	Ratio	Lower	Upper
146	100		
111	44.2	22.1	66.1
148	64.4	31.9	95.5

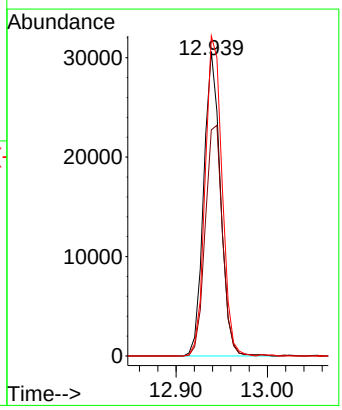


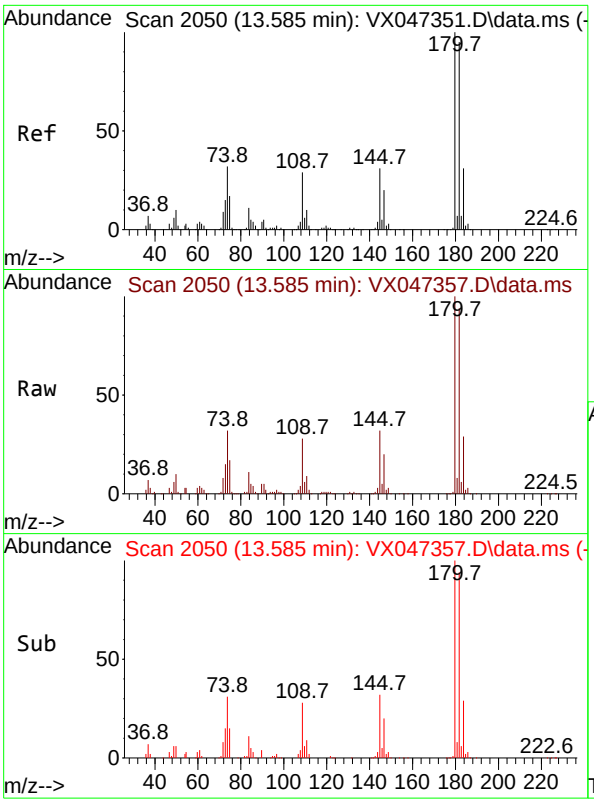


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.135 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion: 75 Resp: 38911

Ion	Ratio	Lower	Upper
75	100		
155	78.6	41.3	123.7
157	106.0	51.5	154.5



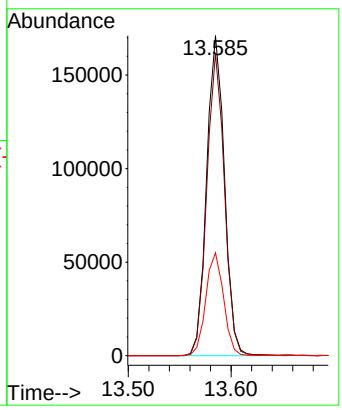


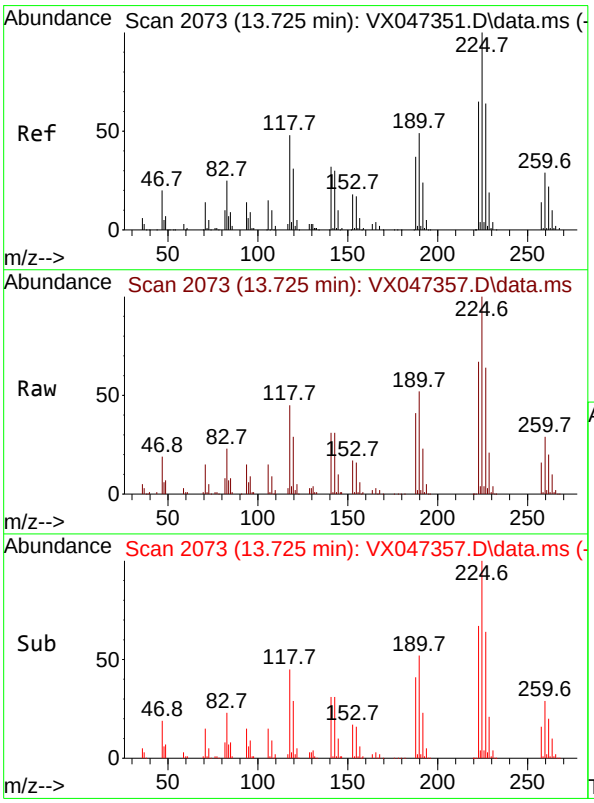
#93
1,2,4-Trichlorobenzene
Concen: 47.926 ug/l
RT: 13.585 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Tgt Ion:180 Resp: 206837

Ion	Ratio	Lower	Upper
180	100		
182	93.8	48.1	144.4
145	32.2	16.2	48.5

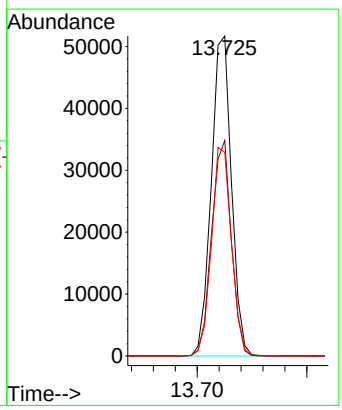


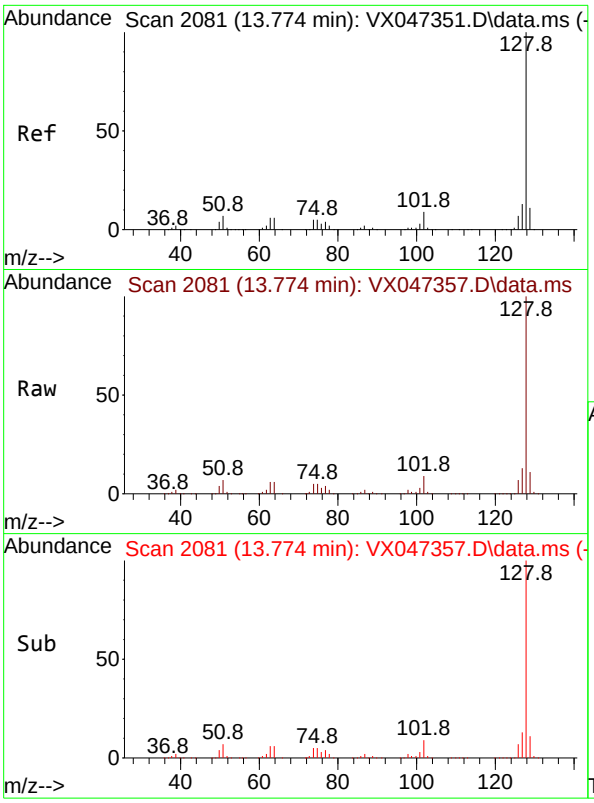


#94
Hexachlorobutadiene
Concen: 42.967 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion:225 Resp: 66005

Ion	Ratio	Lower	Upper
225	100		
223	65.6	32.2	96.6
227	64.6	31.6	95.0



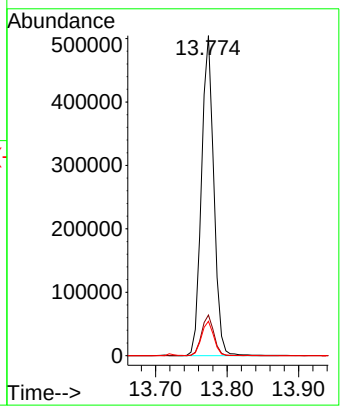


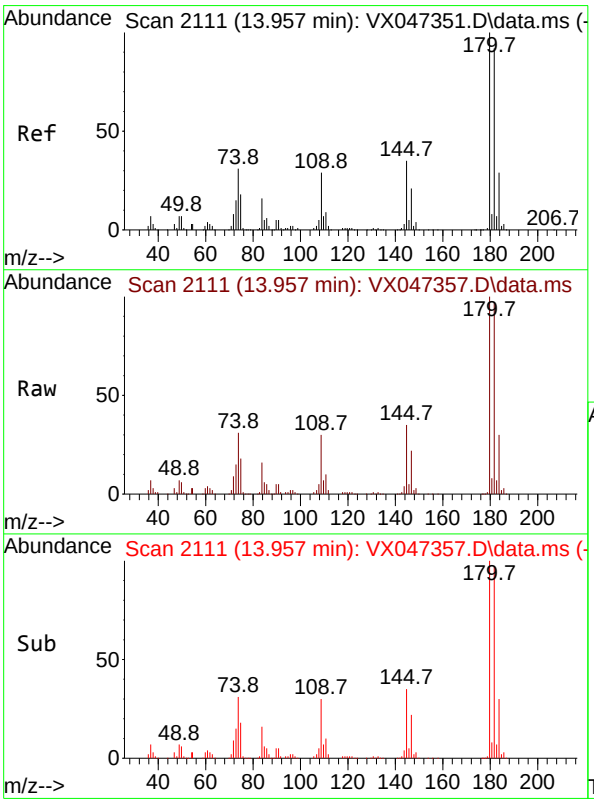
#95
Naphthalene
Concen: 49.026 ug/l
RT: 13.774 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081525

Tgt Ion:128 Resp: 604650

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.1	15.1
129	10.8	8.7	13.1

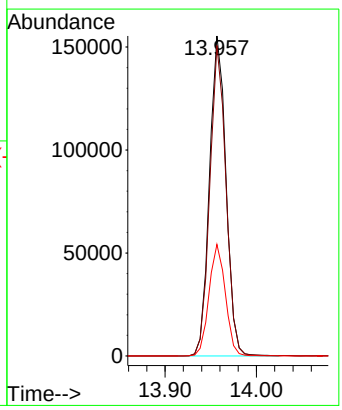




#96
1,2,3-Trichlorobenzene
Concen: 47.822 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047357.D
Acq: 15 Aug 2025 13:11

Tgt Ion:180 Resp: 194540

Ion	Ratio	Lower	Upper
180	100		
182	95.1	48.0	144.2
145	34.6	17.4	52.2



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047360.D
Acq On : 15 Aug 2025 14:21
Operator : JC/MD
Sample : VX0815WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Quant Time: Aug 18 04:32:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	251230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	424536	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	385995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	195233	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	177417	50.459	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.920%			
35) Dibromofluoromethane	5.397	113	138719	50.347	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.700%			
50) Toluene-d8	8.653	98	500139	50.785	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.580%			
62) 4-Bromofluorobenzene	11.079	95	189520	52.150	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.300%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.184	85	54581	17.043	ug/l	99
3) Chloromethane	1.312	50	46226	16.045	ug/l	99
4) Vinyl Chloride	1.392	62	59332	16.408	ug/l	99
5) Bromomethane	1.629	94	26329	18.026	ug/l	98
6) Chloroethane	1.709	64	38017	17.183	ug/l	92
7) Trichlorofluoromethane	1.910	101	88310	16.510	ug/l	98
8) Diethyl Ether	2.148	74	30892	16.402	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.349	101	53083	17.108	ug/l	100
10) Methyl Iodide	2.471	142	73049	13.738	ug/l	99
11) Tert butyl alcohol	2.965	59	26058	85.191	ug/l	99
12) 1,1-Dichloroethene	2.343	96	53241	16.831	ug/l	91
13) Acrolein	2.251	56	55282	85.617	ug/l	98
14) Allyl chloride	2.684	41	87368	15.902	ug/l	99
15) Acrylonitrile	3.086	53	128616	87.018	ug/l	99
16) Acetone	2.391	43	128699	97.380	ug/l	98
17) Carbon Disulfide	2.532	76	153226	16.053	ug/l	100
18) Methyl Acetate	2.715	43	60661	17.712	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	164476	17.092	ug/l	99
20) Methylene Chloride	2.806	84	58275	16.652	ug/l	96
21) trans-1,2-Dichloroethene	3.111	96	56539	16.841	ug/l	96
22) Diisopropyl ether	3.775	45	187827	17.295	ug/l	95
23) Vinyl Acetate	3.733	43	767557	86.230	ug/l	99
24) 1,1-Dichloroethane	3.629	63	102244	16.657	ug/l	96
25) 2-Butanone	4.574	43	161669	93.402	ug/l	95
26) 2,2-Dichloropropane	4.489	77	78586	16.962	ug/l	99
27) cis-1,2-Dichloroethene	4.507	96	64155	16.407	ug/l	99
28) Bromochloromethane	4.915	49	51861	20.303	ug/l	100
29) Tetrahydrofuran	5.031	42	98076	87.666	ug/l	97
30) Chloroform	5.110	83	107665	17.186	ug/l	97
31) Cyclohexane	5.482	56	92586	16.362	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	90406	16.766	ug/l	99
36) 1,1-Dichloropropene	5.708	75	72437	16.654	ug/l	98
37) Ethyl Acetate	4.732	43	73945	16.376	ug/l	98
38) Carbon Tetrachloride	5.696	117	79632	16.754	ug/l	93
39) Methylcyclohexane	7.391	83	91461	16.858	ug/l	99
40) Benzene	6.049	78	225273	17.304	ug/l	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047360.D
Acq On : 15 Aug 2025 14:21
Operator : JC/MD
Sample : VX0815WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Quant Time: Aug 18 04:32:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.946	41	34006	17.859	ug/l		96
42) 1,2-Dichloroethane	6.098	62	81200	17.609	ug/l		100
43) Isopropyl Acetate	6.348	43	112794	17.388	ug/l		99
44) Trichloroethene	7.135	130	57113	17.133	ug/l		92
45) 1,2-Dichloropropane	7.433	63	55964	17.159	ug/l		97
46) Dibromomethane	7.586	93	40428	17.074	ug/l		99
47) Bromodichloromethane	7.823	83	84446	17.204	ug/l		99
48) Methyl methacrylate	7.695	41	57232	16.998	ug/l		98
49) 1,4-Dioxane	7.683	88	9616	293.782	ug/l		92
51) 4-Methyl-2-Pentanone	8.573	43	343280	91.962	ug/l		97
52) Toluene	8.720	92	141973	17.648	ug/l		100
53) t-1,3-Dichloropropene	8.982	75	72258	16.867	ug/l		98
54) cis-1,3-Dichloropropene	8.366	75	83395	17.198	ug/l		97
55) 1,1,2-Trichloroethane	9.152	97	53981	17.674	ug/l		98
56) Ethyl methacrylate	9.116	69	78496	17.431	ug/l		99
57) 1,3-Dichloropropane	9.311	76	92173	17.710	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.244	63	173530	86.358	ug/l		99
59) 2-Hexanone	9.433	43	238313	92.295	ug/l		99
60) Dibromochloromethane	9.518	129	61652	16.985	ug/l		100
61) 1,2-Dibromoethane	9.610	107	55605	17.655	ug/l		99
64) Tetrachloroethene	9.274	164	47199	16.905	ug/l		99
65) Chlorobenzene	10.079	112	155621	16.966	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.164	131	51630	16.651	ug/l		99
67) Ethyl Benzene	10.195	91	270213	17.116	ug/l		97
68) m/p-Xylenes	10.299	106	204503	34.739	ug/l		99
69) o-Xylene	10.640	106	97111	17.142	ug/l		99
70) Styrene	10.652	104	170364	17.798	ug/l		99
71) Bromoform	10.798	173	39471	16.944	ug/l	#	99
73) Isopropylbenzene	10.963	105	259926	17.013	ug/l		99
74) N-amyl acetate	10.841	43	98400	16.961	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	78404	17.479	ug/l		100
76) 1,2,3-Trichloropropane	11.237	75	68378	19.096	ug/l		92
77) Bromobenzene	11.195	156	62888	16.857	ug/l		99
78) n-propylbenzene	11.304	91	320464	17.563	ug/l		100
79) 2-Chlorotoluene	11.359	91	186268	16.887	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	213875	17.014	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	8554	16.615	ug/l		97
82) 4-Chlorotoluene	11.451	91	218950	16.839	ug/l		99
83) tert-Butylbenzene	11.713	119	214431	17.098	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	219724	17.479	ug/l		99
85) sec-Butylbenzene	11.890	105	269498	17.337	ug/l		100
86) p-Isopropyltoluene	12.006	119	227642	17.306	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	121339	17.025	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	123016	16.782	ug/l		98
89) n-Butylbenzene	12.329	91	211119	17.256	ug/l		99
90) Hexachloroethane	12.536	117	38107	16.514	ug/l		97
91) 1,2-Dichlorobenzene	12.335	146	114942	16.991	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	14641	16.877	ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	74979	16.533	ug/l		100
94) Hexachlorobutadiene	13.719	225	25887	16.036	ug/l		99
95) Naphthalene	13.774	128	217286	16.766	ug/l		99
96) 1,2,3-Trichlorobenzene	13.956	180	71309	16.681	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047360.D
Acq On : 15 Aug 2025 14:21
Operator : JC/MD
Sample : VX0815WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Quant Time: Aug 18 04:32:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

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

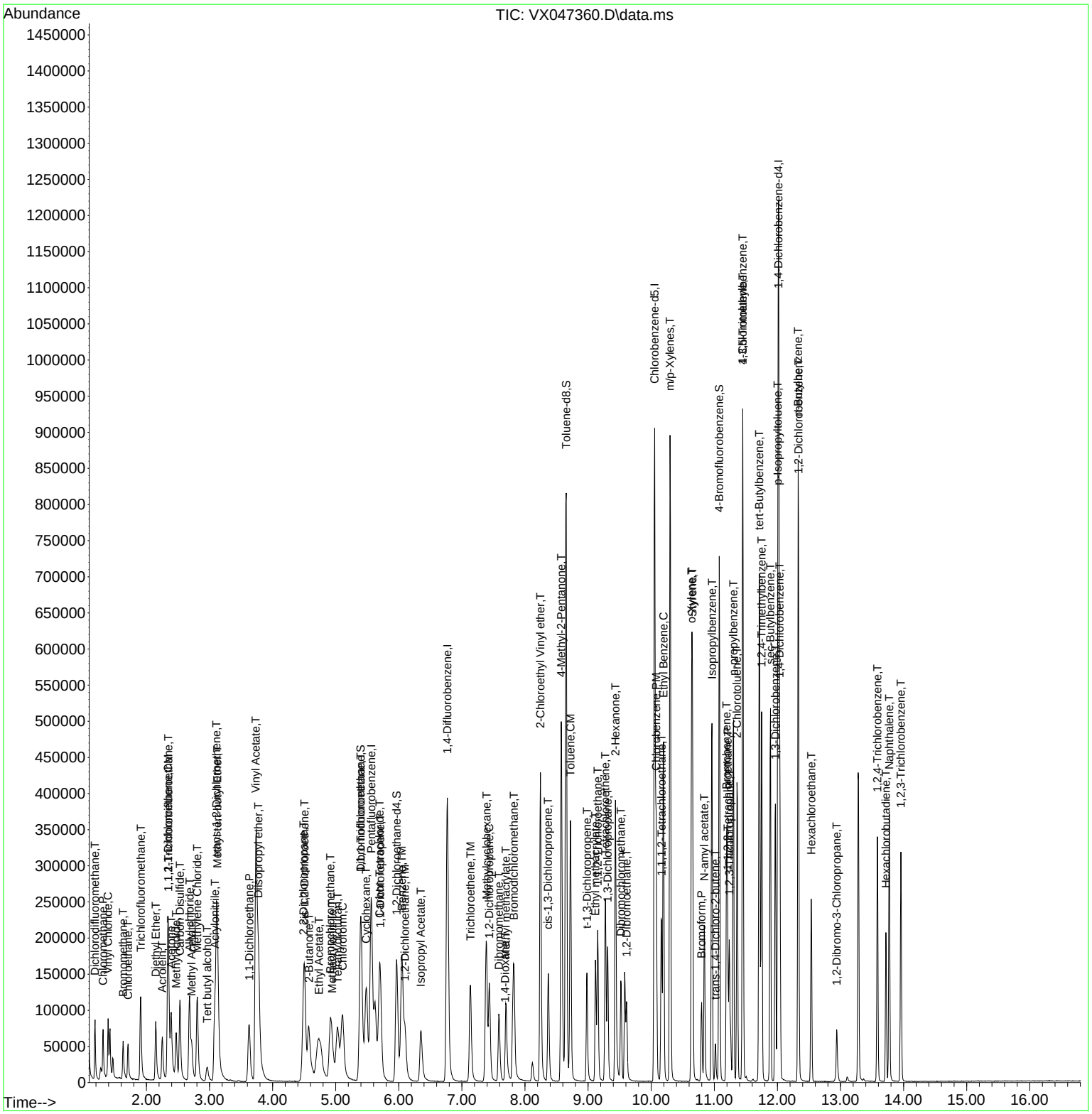
(#) = qualifier out of range (m) = manual integration (+) = signals summed

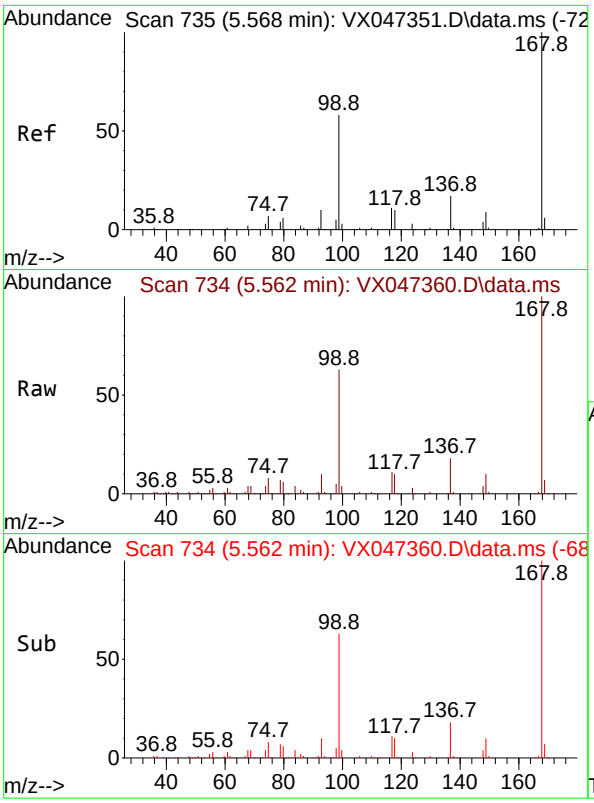
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047360.D
Acq On : 15 Aug 2025 14:21
Operator : JC/MD
Sample : VX0815WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Quant Time: Aug 18 04:32:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration



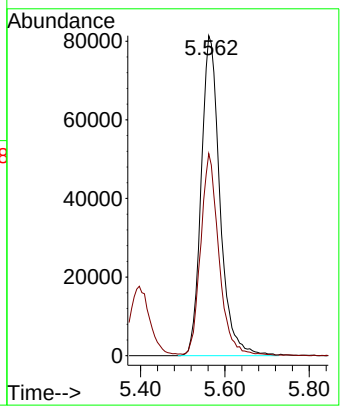


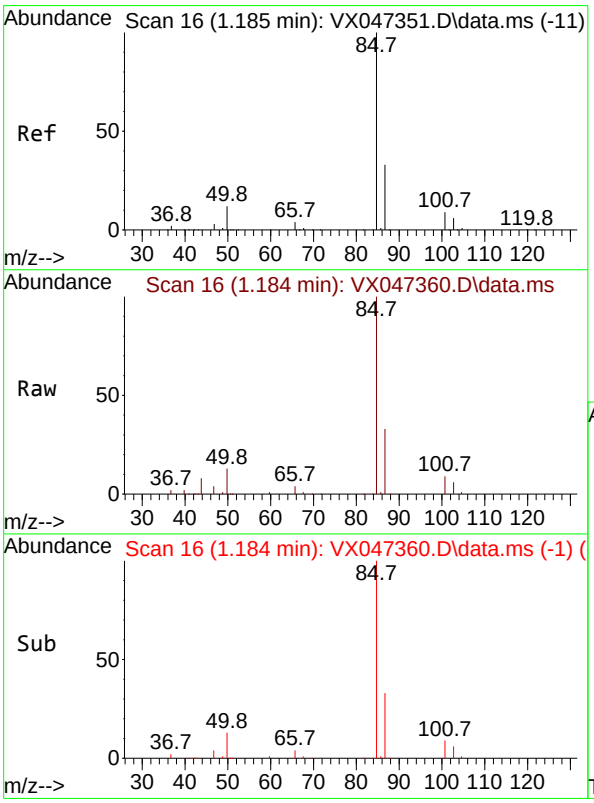
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tgt Ion:168 Resp: 251230

Ion	Ratio	Lower	Upper
168	100		
99	63.0	47.9	71.9

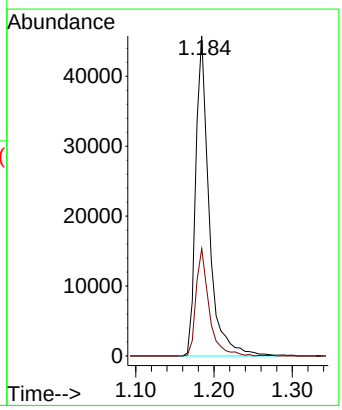


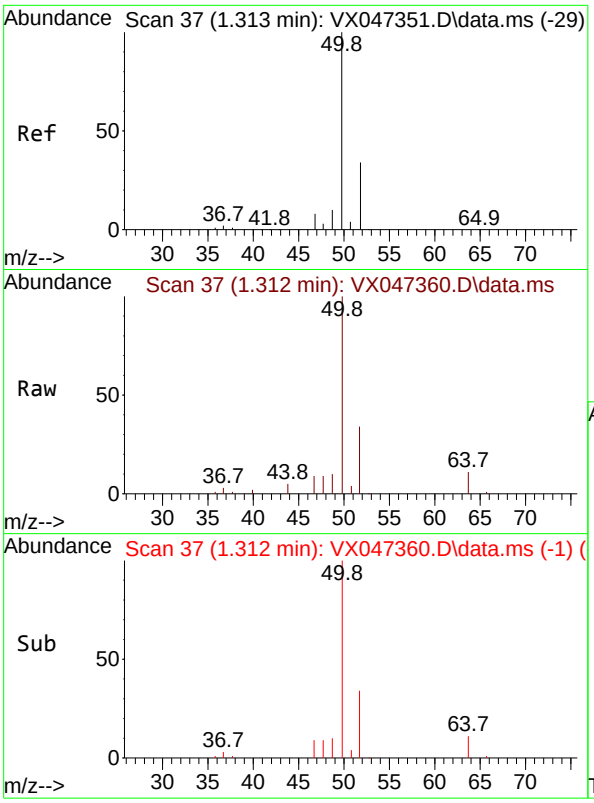


#2
Dichlorodifluoromethane
Concen: 17.043 ug/l
RT: 1.184 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 85 Resp: 54581

Ion	Ratio	Lower	Upper
85	100		
87	33.5	16.4	49.1



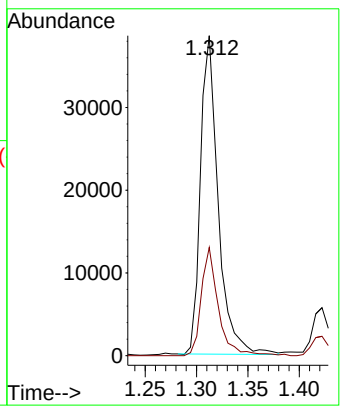


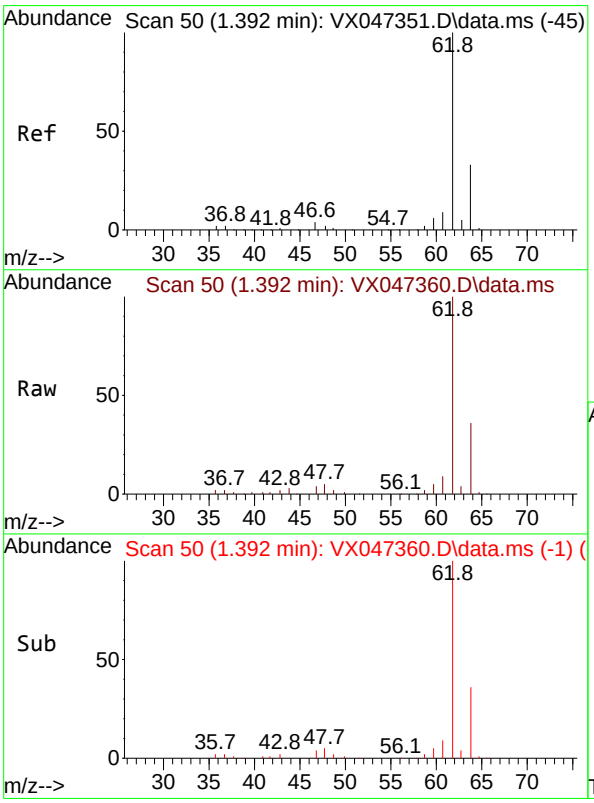
#3
Chloromethane
Concen: 16.045 ug/l
RT: 1.312 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tgt Ion: 50 Resp: 46226

Ion	Ratio	Lower	Upper
50	100		
52	34.0	27.0	40.4

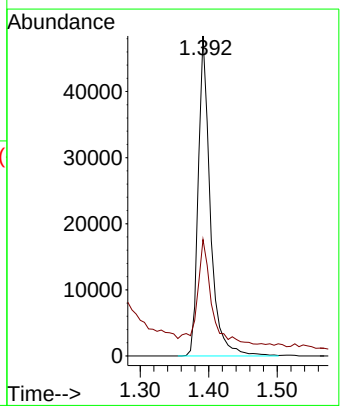


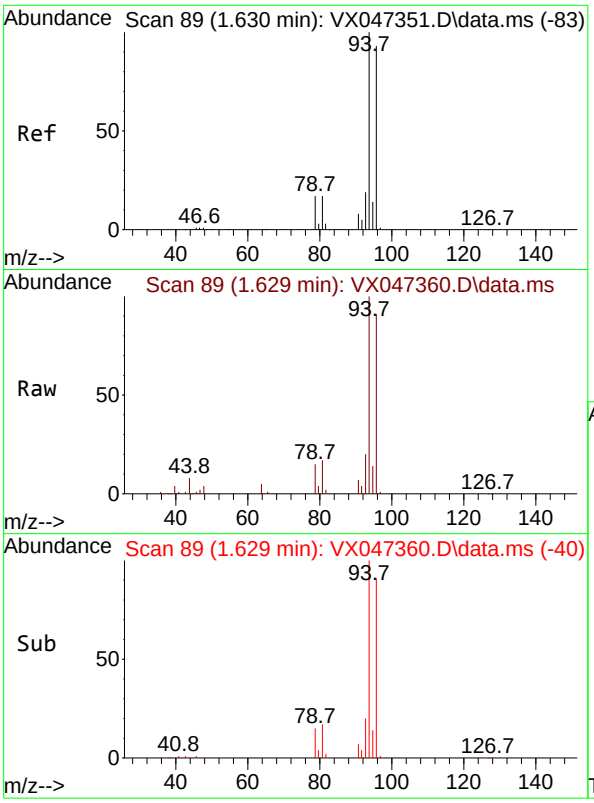


#4
Vinyl Chloride
Concen: 16.408 ug/l
RT: 1.392 min Scan# 50
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 62 Resp: 59332

Ion	Ratio	Lower	Upper
62	100		
64	32.6	26.5	39.7



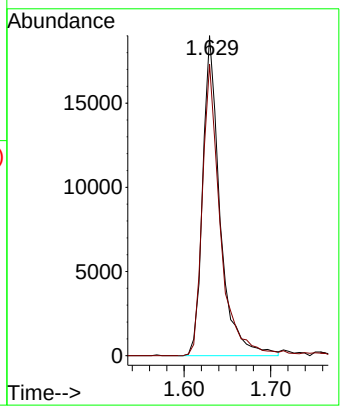


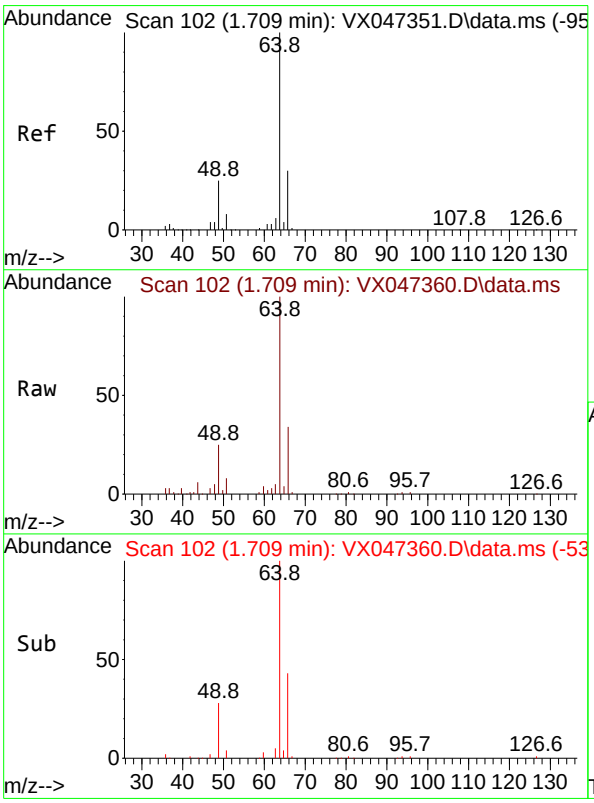
#5
Bromomethane
Concen: 18.026 ug/l
RT: 1.629 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tgt Ion: 94 Resp: 26329

Ion	Ratio	Lower	Upper
94	100		
96	91.2	74.7	112.1

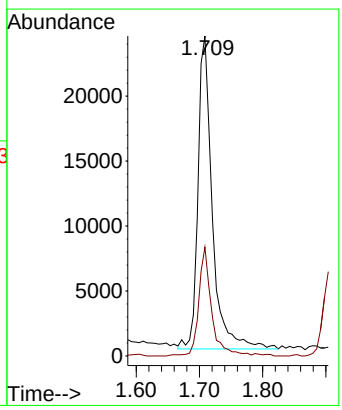


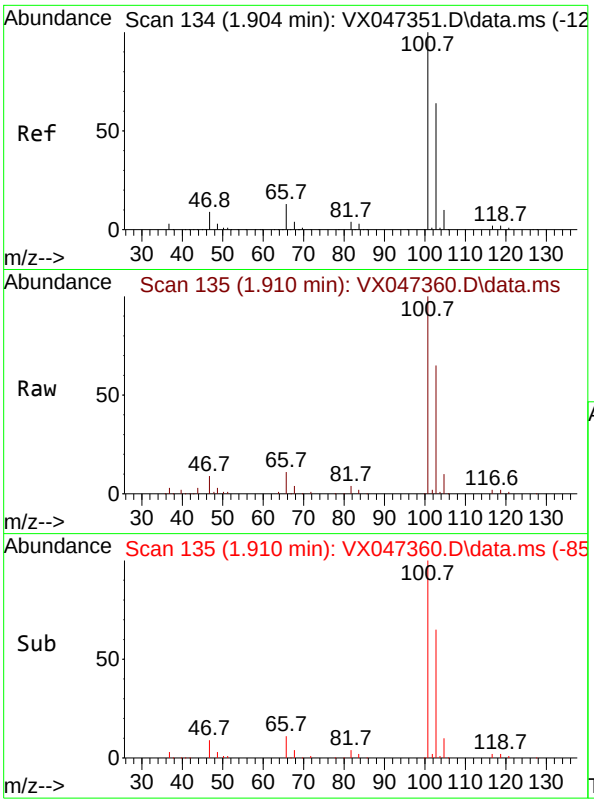


#6
Chloroethane
Concen: 17.183 ug/l
RT: 1.709 min Scan# 102
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 64 Resp: 38017

Ion	Ratio	Lower	Upper
64	100		
66	34.8	24.4	36.6



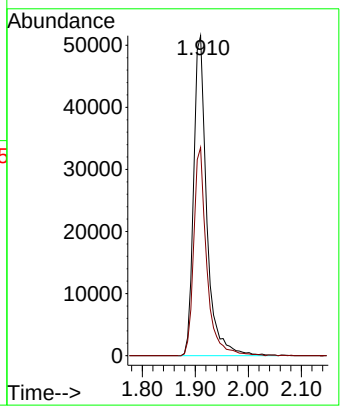


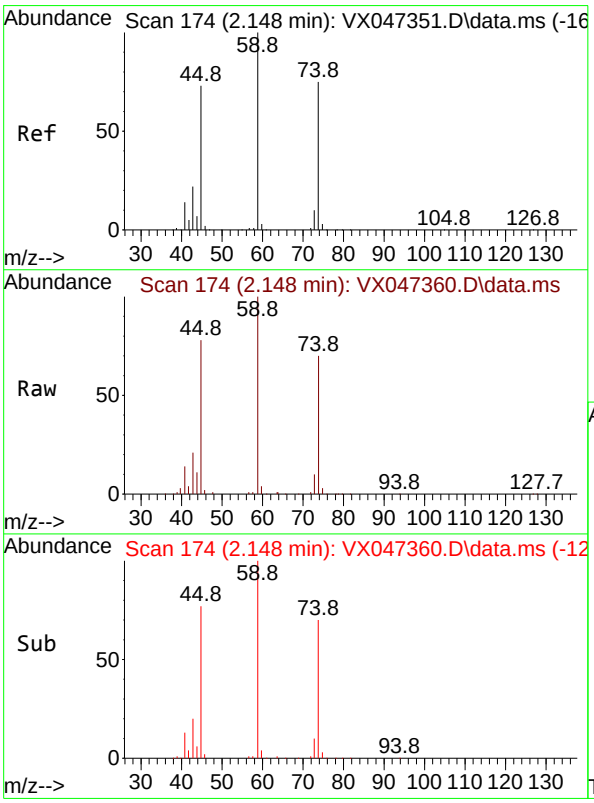
#7
Trichlorofluoromethane
Concen: 16.510 ug/l
RT: 1.910 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tgt Ion:101 Resp: 88310

Ion	Ratio	Lower	Upper
101	100		
103	65.0	50.9	76.3

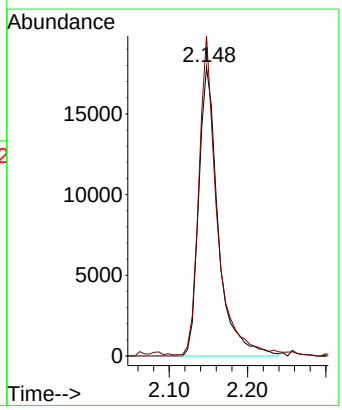


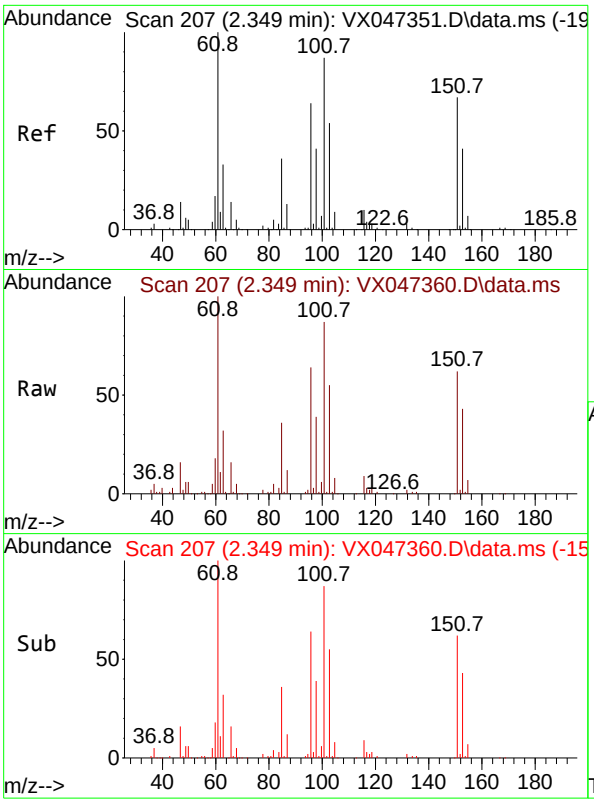


#8
Diethyl Ether
Concen: 16.402 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 74 Resp: 30892

Ion	Ratio	Lower	Upper
74	100		
45	105.6	51.3	154.0



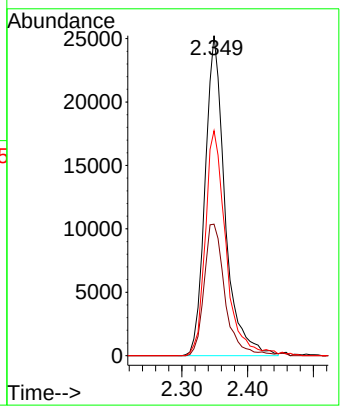


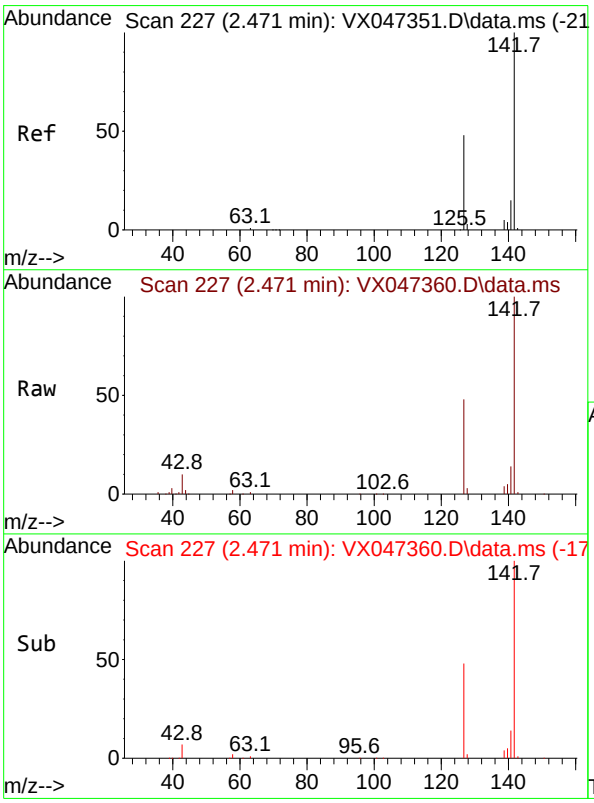
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.108 ug/l
RT: 2.349 min Scan# 2(
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tgt Ion:101 Resp: 53083

Ion	Ratio	Lower	Upper
101	100		
85	42.9	34.3	51.5
151	73.5	59.2	88.8

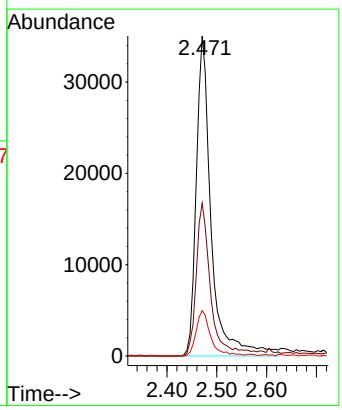


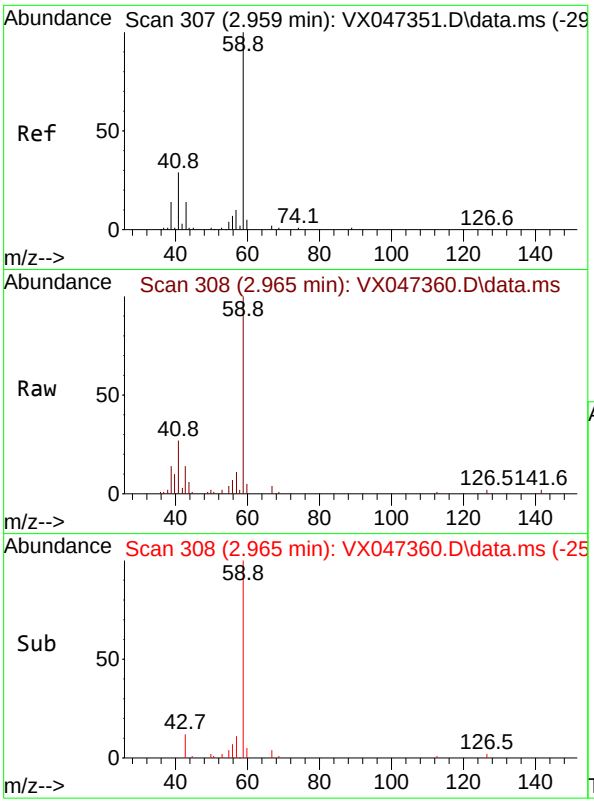


#10
Methyl Iodide
Concen: 13.738 ug/l
RT: 2.471 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion:142 Resp: 73049

Ion	Ratio	Lower	Upper
142	100		
127	46.1	36.1	54.1
141	13.7	11.1	16.7



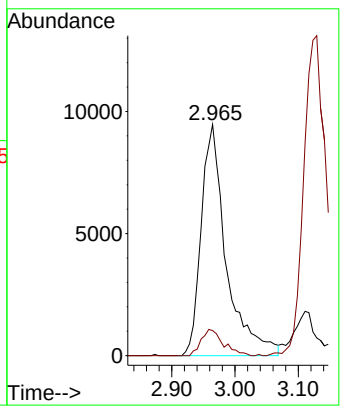


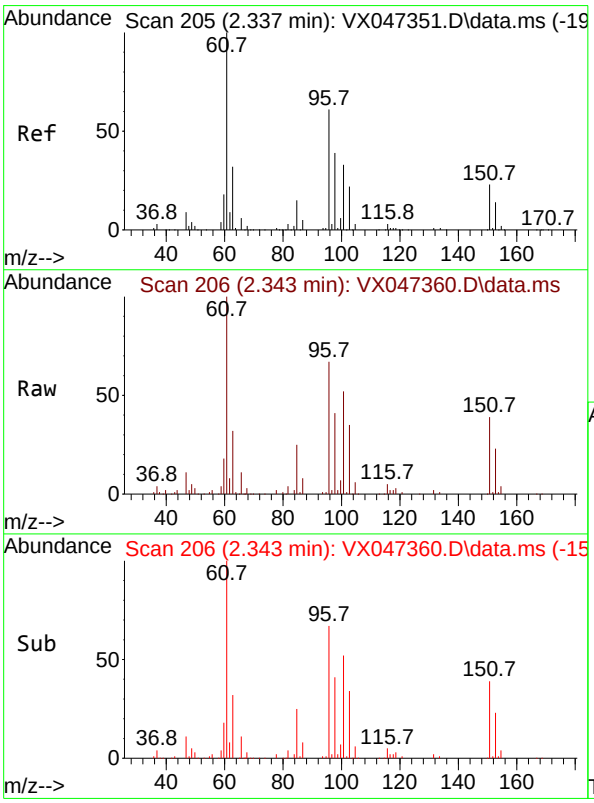
#11
Tert butyl alcohol
Concen: 85.191 ug/l
RT: 2.965 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tgt Ion: 59 Resp: 26058

Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.3	12.5

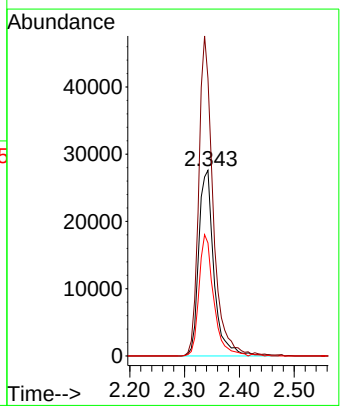


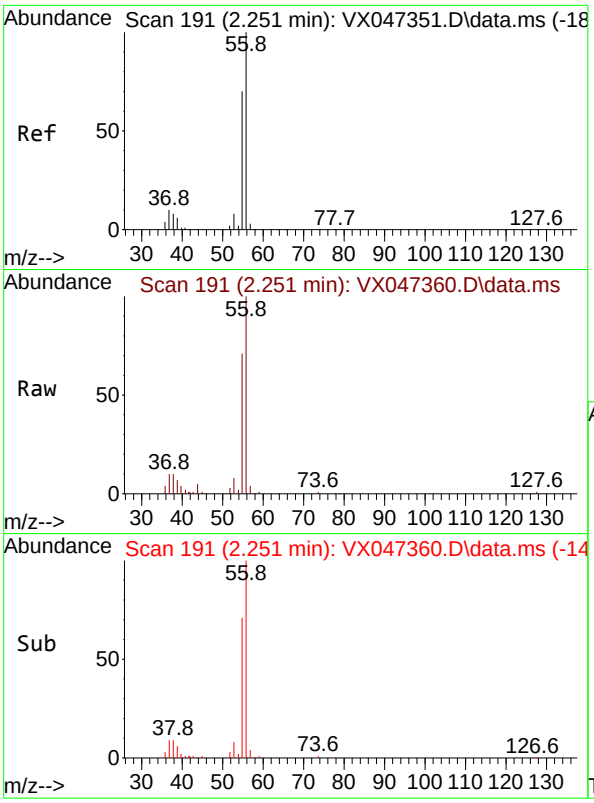


#12
1,1-Dichloroethene
Concen: 16.831 ug/l
RT: 2.343 min Scan# 206
Delta R.T. 0.006 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 96 Resp: 53241

Ion	Ratio	Lower	Upper
96	100		
61	149.6	132.2	198.2
98	60.9	51.2	76.8



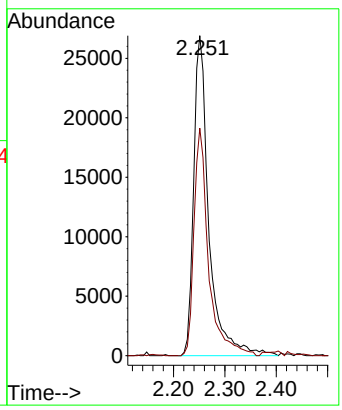


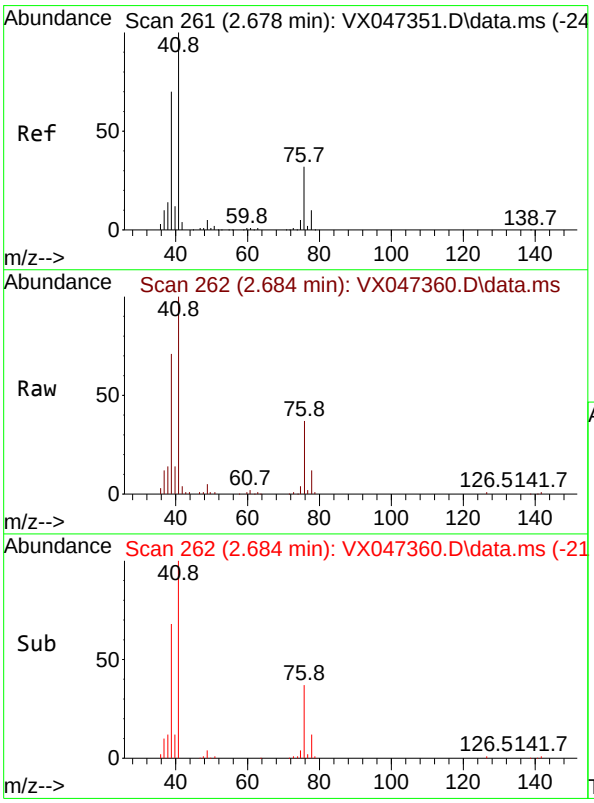
#13
Acrolein
Concen: 85.617 ug/l
RT: 2.251 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tgt Ion: 56 Resp: 55282

Ion	Ratio	Lower	Upper
56	100		
55	68.1	55.5	83.3

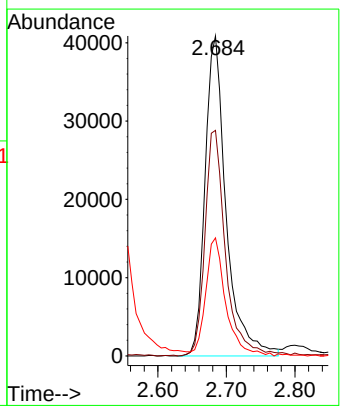


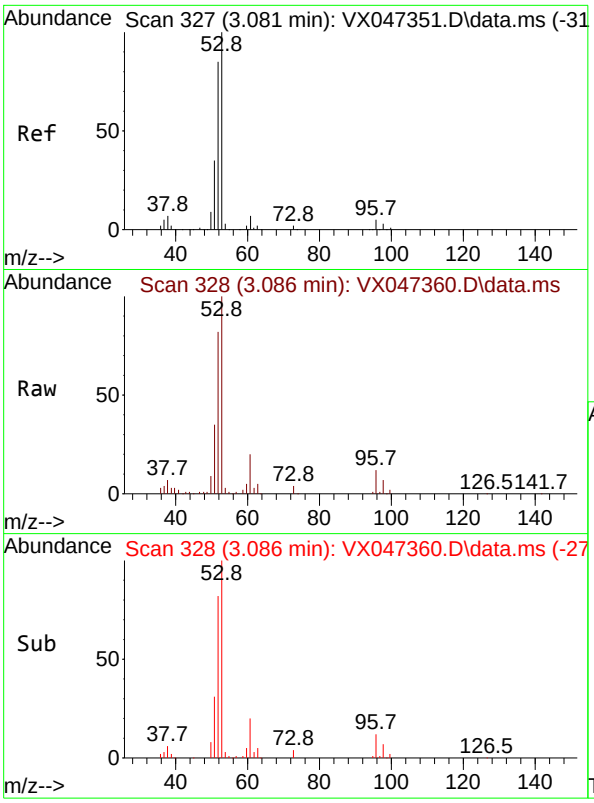


#14
Allyl chloride
Concen: 15.902 ug/l
RT: 2.684 min Scan# 262
Delta R.T. 0.006 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 41 Resp: 87368

Ion	Ratio	Lower	Upper
41	100		
39	69.1	54.6	81.8
76	35.1	27.6	41.4



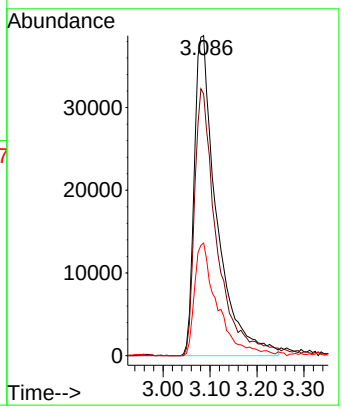


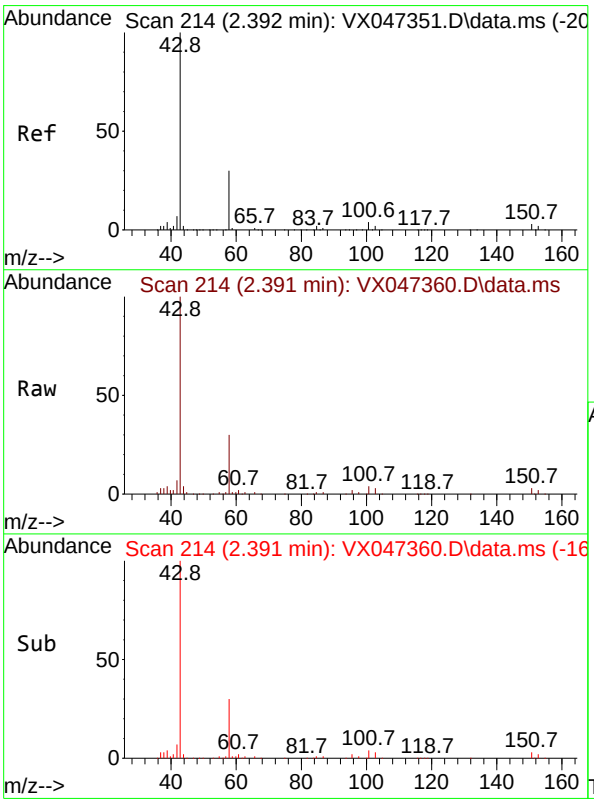
#15
Acrylonitrile
Concen: 87.018 ug/l
RT: 3.086 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tgt Ion: 53 Resp: 128616

Ion	Ratio	Lower	Upper
53	100		
52	83.4	65.8	98.6
51	35.9	28.2	42.2

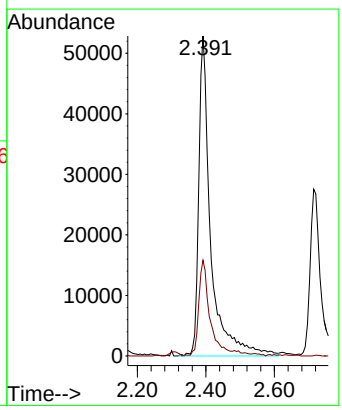


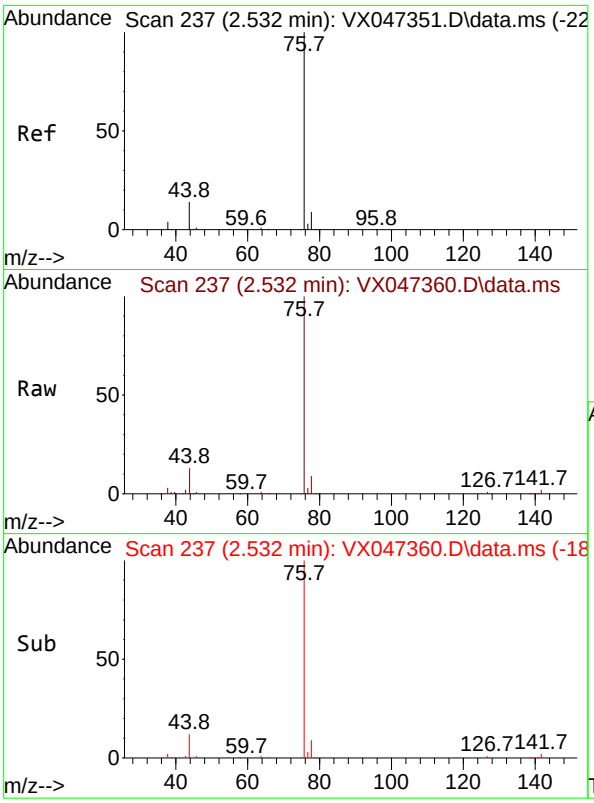


#16
Acetone
Concen: 97.380 ug/l
RT: 2.391 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 43 Resp: 128699

Ion	Ratio	Lower	Upper
43	100		
58	29.9	24.8	37.2



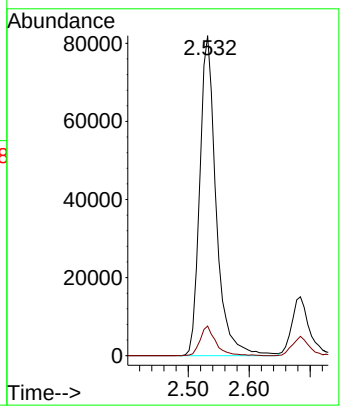


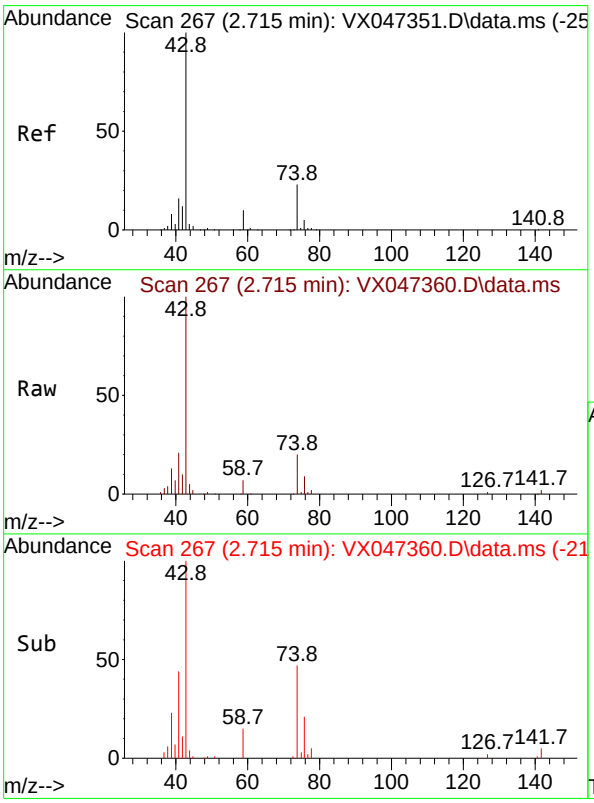
#17
Carbon Disulfide
Concen: 16.053 ug/l
RT: 2.532 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tgt Ion: 76 Resp: 153226

Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.2	10.8

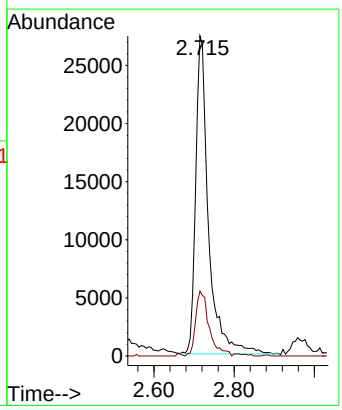


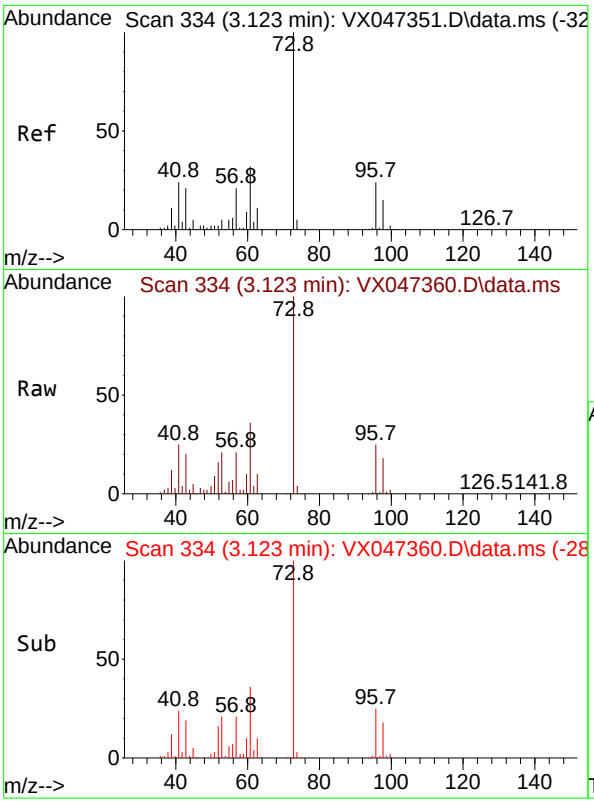


#18
Methyl Acetate
Concen: 17.712 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 43 Resp: 60661

Ion	Ratio	Lower	Upper
43	100		
74	21.3	18.4	27.6



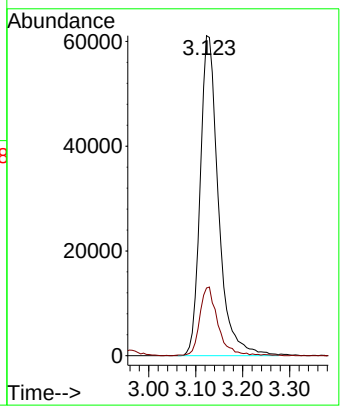


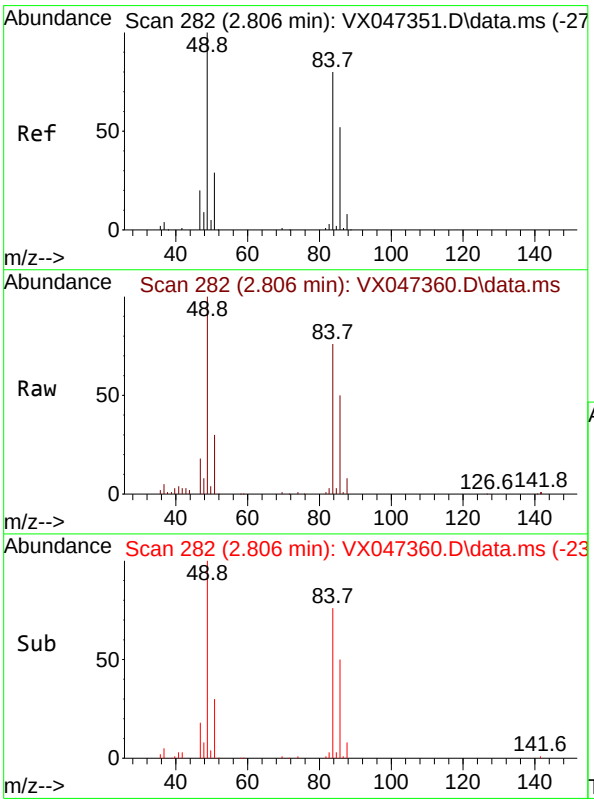
#19
Methyl tert-butyl Ether
Concen: 17.092 ug/l
RT: 3.123 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tgt Ion: 73 Resp: 164476

Ion	Ratio	Lower	Upper
73	100		
57	21.0	17.0	25.6

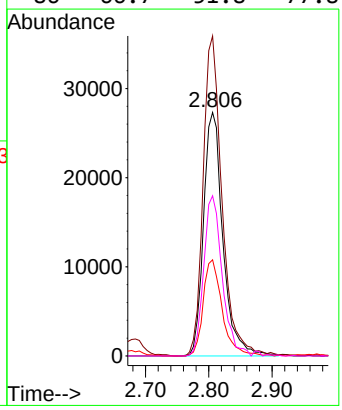


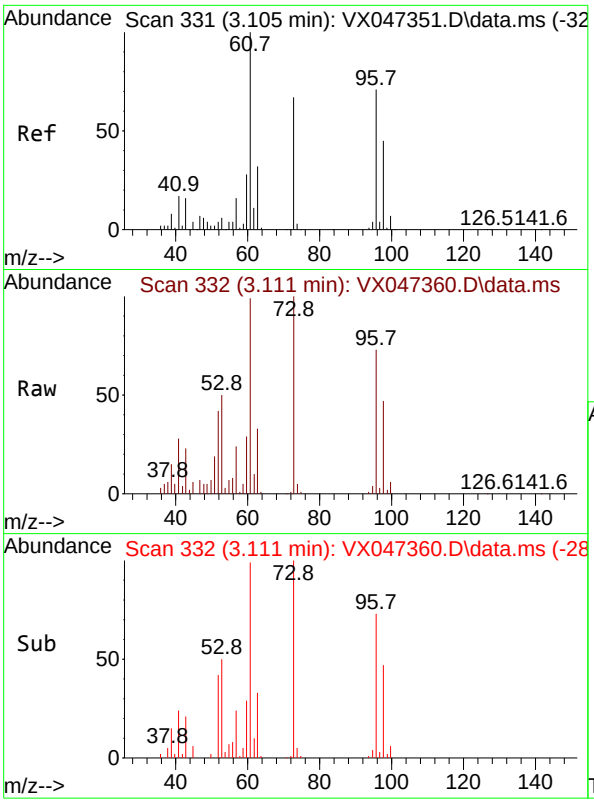


#20
Methylene Chloride
Concen: 16.652 ug/l
RT: 2.806 min Scan# 282
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 84 Resp: 58275

Ion	Ratio	Lower	Upper
84	100		
49	131.4	100.1	150.1
51	39.5	29.5	44.3
86	66.7	51.8	77.8



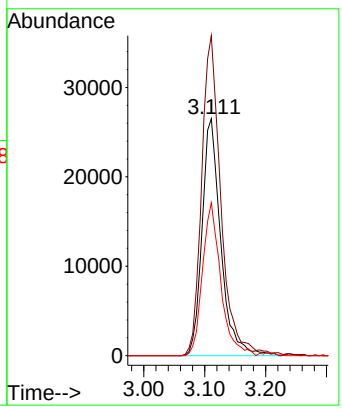


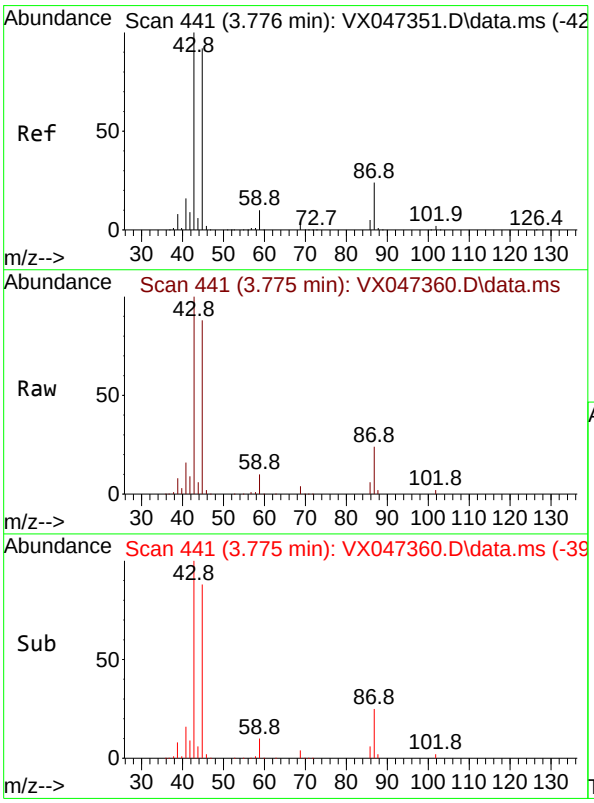
#21
trans-1,2-Dichloroethene
Concen: 16.841 ug/l
RT: 3.111 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tgt Ion: 96 Resp: 56539

Ion	Ratio	Lower	Upper
96	100		
61	135.1	112.6	169.0
98	64.6	50.9	76.3

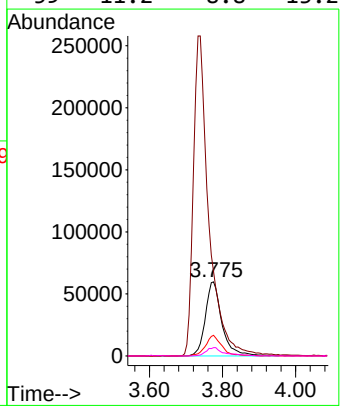


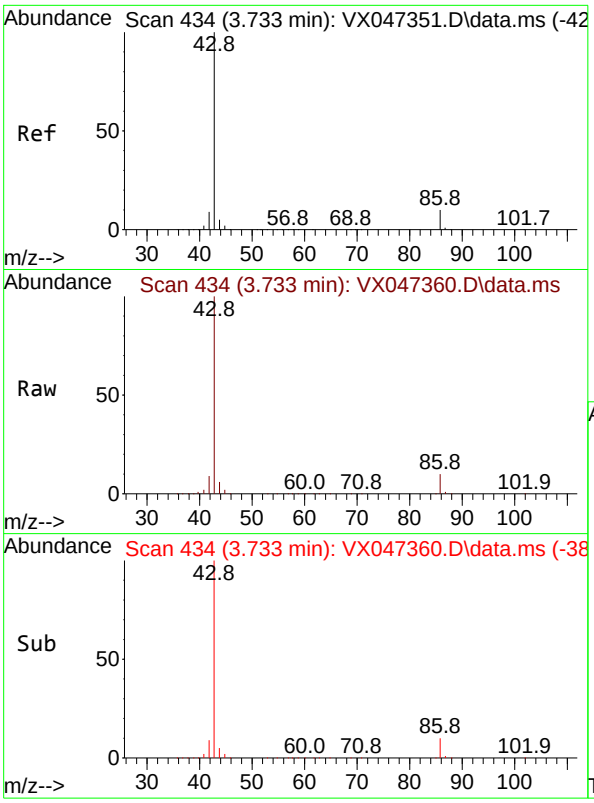


#22
Diisopropyl ether
Concen: 17.295 ug/l
RT: 3.775 min Scan# 441
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 45 Resp: 187827

Ion	Ratio	Lower	Upper
45	100		
43	113.7	86.8	130.2
87	29.8	20.4	30.6
59	11.2	8.8	13.2



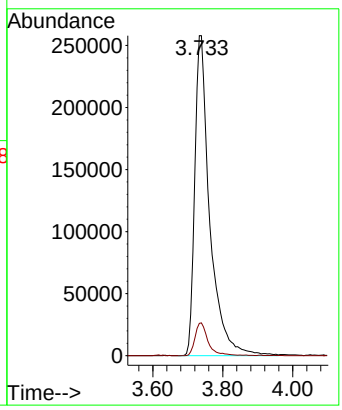


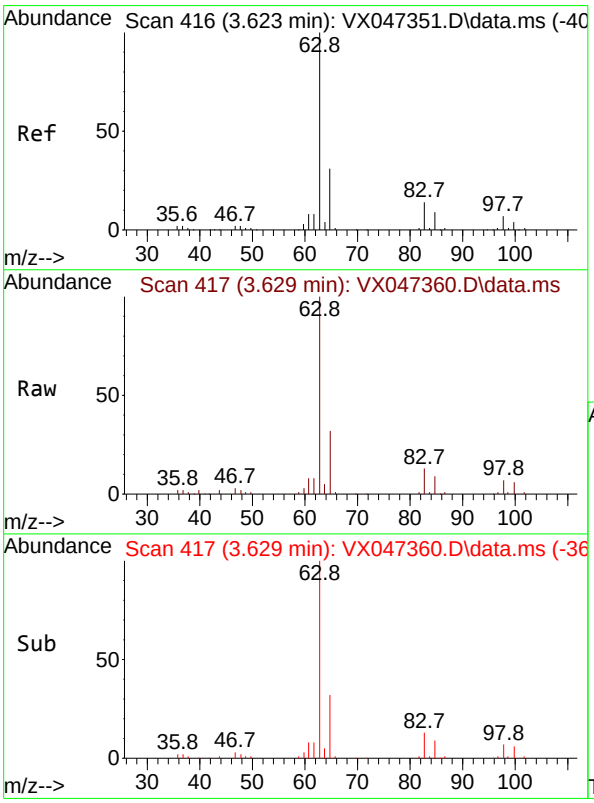
#23
Vinyl Acetate
Concen: 86.230 ug/l
RT: 3.733 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tgt Ion: 43 Resp: 767557

Ion	Ratio	Lower	Upper
43	100		
86	10.1	7.9	11.9

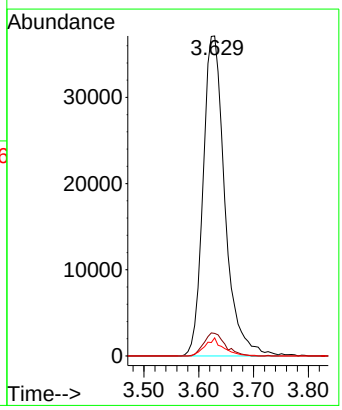


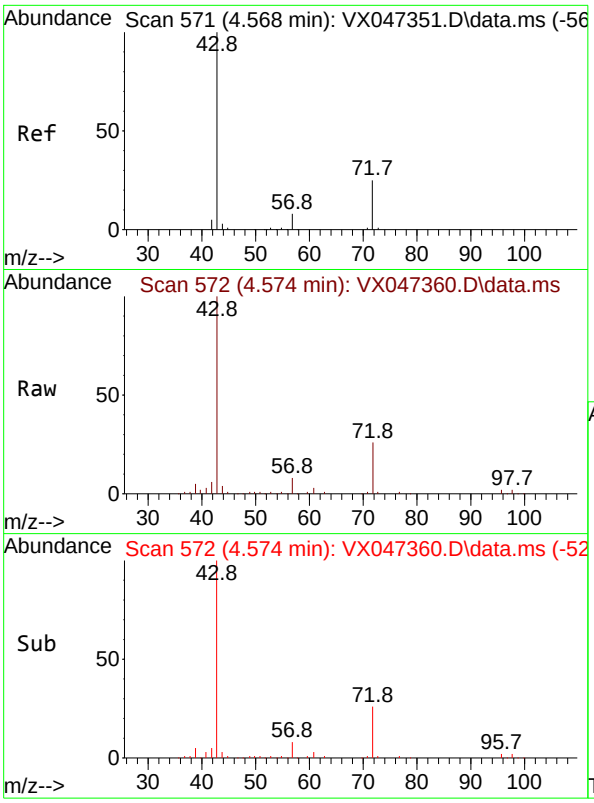


#24
1,1-Dichloroethane
Concen: 16.657 ug/l
RT: 3.629 min Scan# 417
Delta R.T. 0.006 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 63 Resp: 102244

Ion	Ratio	Lower	Upper
63	100		
98	7.7	3.3	9.9
100	5.6	2.1	6.3



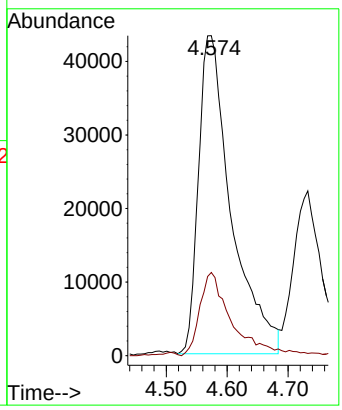


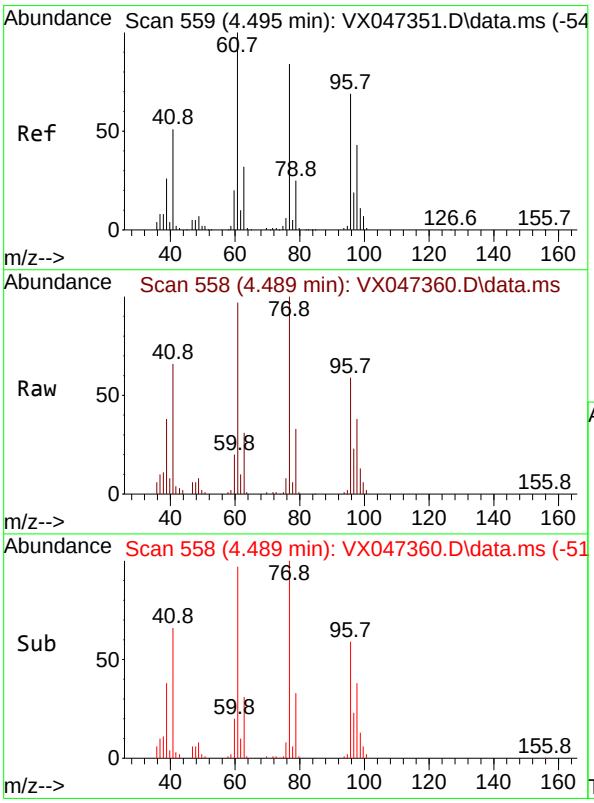
#25
2-Butanone
Concen: 93.402 ug/l
RT: 4.574 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tgt Ion: 43 Resp: 161669

Ion	Ratio	Lower	Upper
43	100		
72	27.2	19.8	29.8

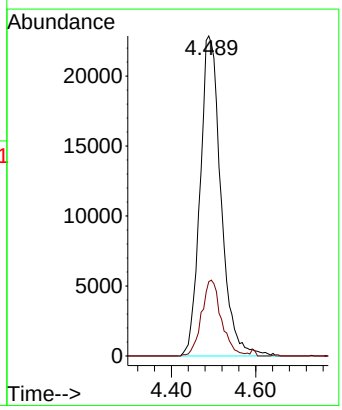


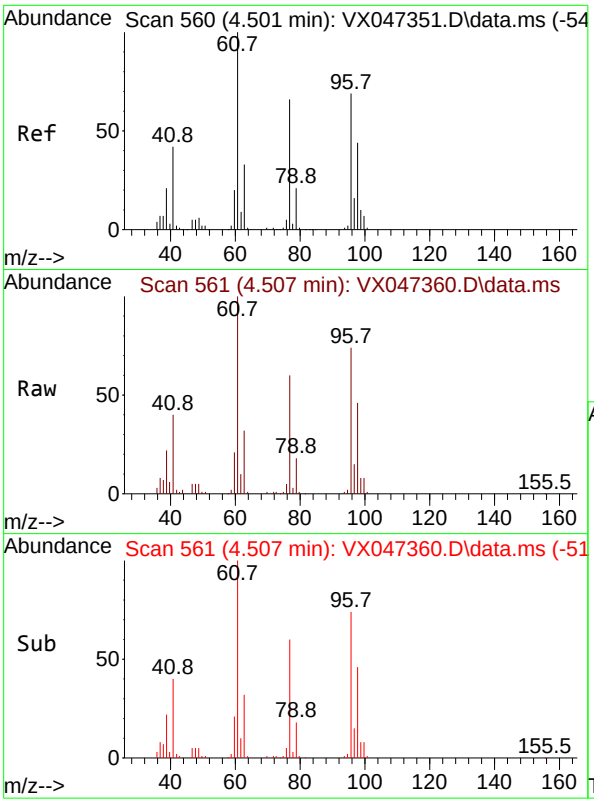


#26
2,2-Dichloropropane
Concen: 16.962 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 77 Resp: 78586

Ion	Ratio	Lower	Upper
77	100		
97	22.4	11.4	34.1



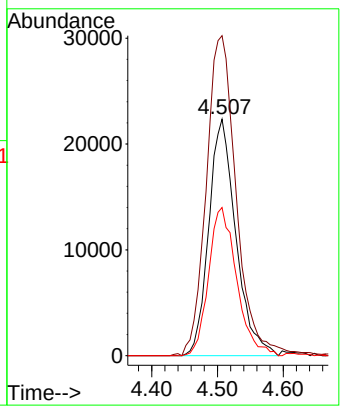


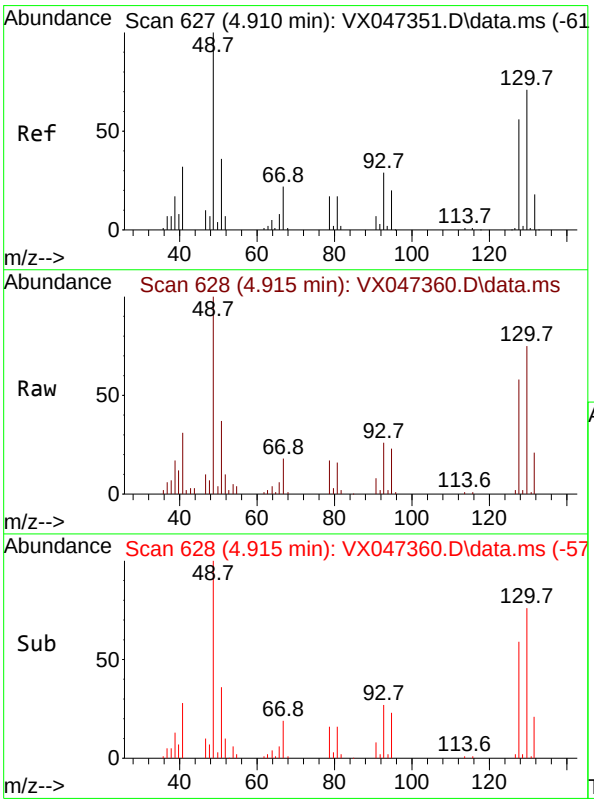
#27
cis-1,2-Dichloroethene
Concen: 16.407 ug/l
RT: 4.507 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tgt Ion: 96 Resp: 64155

Ion	Ratio	Lower	Upper
96	100		
61	150.3	0.0	296.6
98	64.7	0.0	130.4

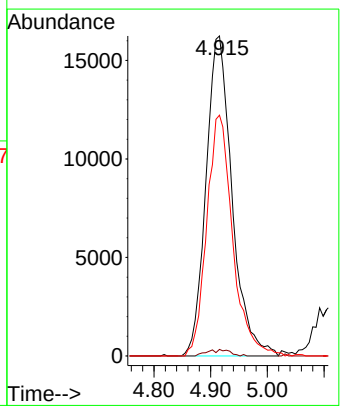


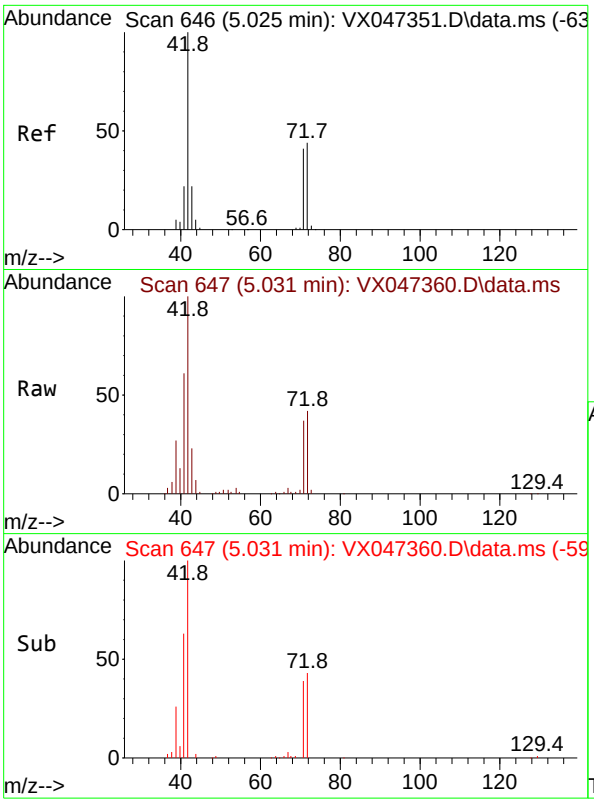


#28
Bromochloromethane
Concen: 20.303 ug/l
RT: 4.915 min Scan# 628
Delta R.T. 0.006 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 49 Resp: 51861

Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	4.0
130	74.9	59.8	89.6



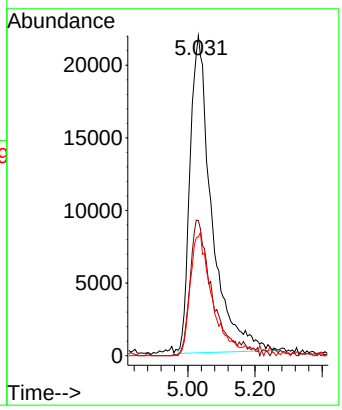


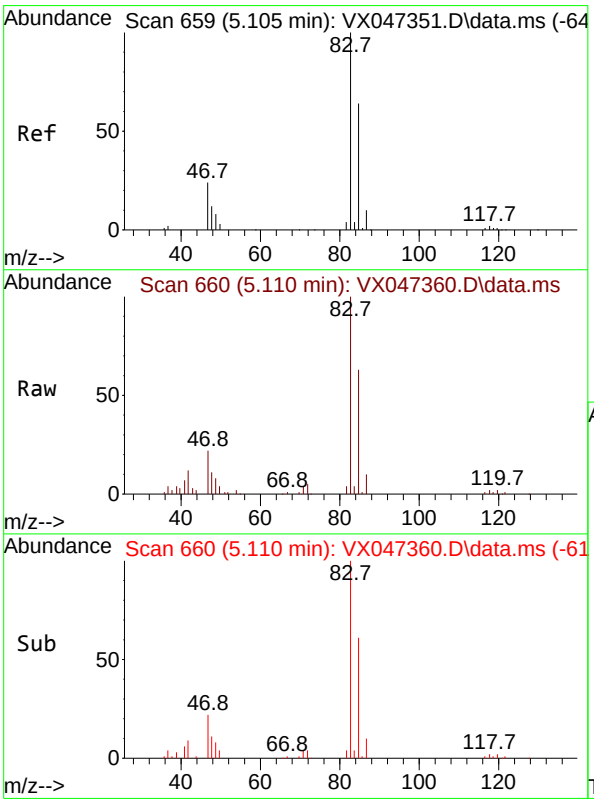
#29
Tetrahydrofuran
Concen: 87.666 ug/l
RT: 5.031 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tgt Ion: 42 Resp: 98076

Ion	Ratio	Lower	Upper
42	100		
72	42.0	34.6	51.8
71	38.4	32.6	49.0

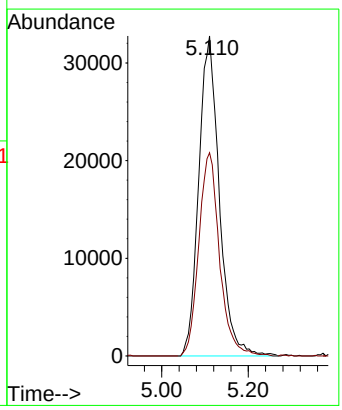


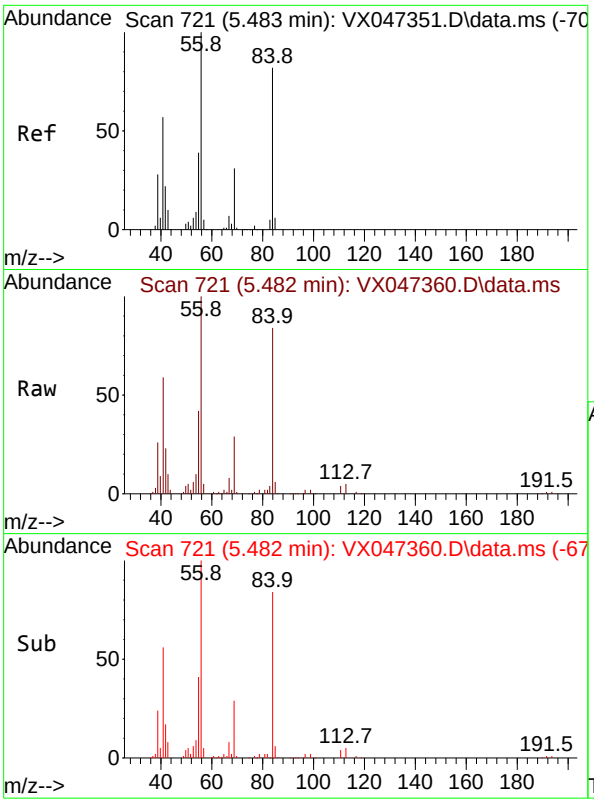


#30
Chloroform
Concen: 17.186 ug/l
RT: 5.110 min Scan# 660
Delta R.T. 0.006 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 83 Resp: 107665

Ion	Ratio	Lower	Upper
83	100		
85	62.0	51.2	76.8



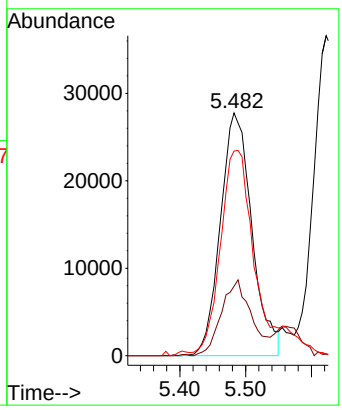


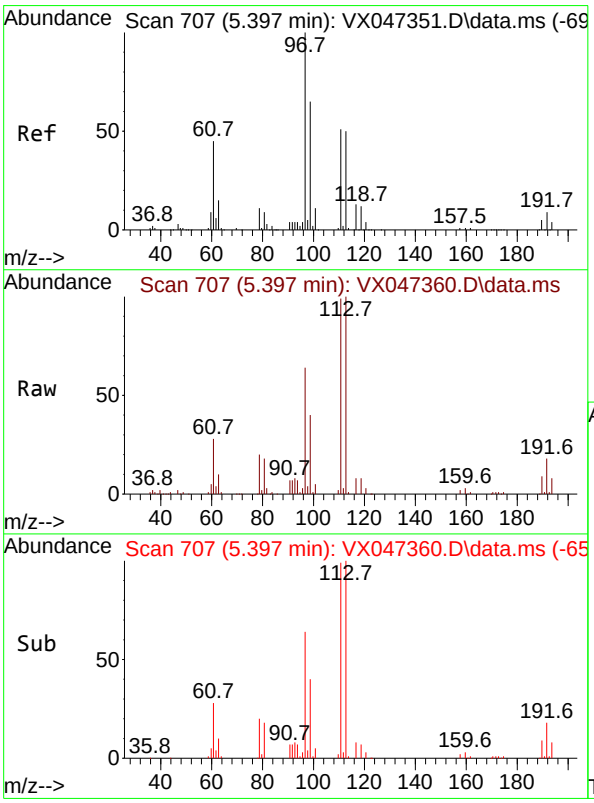
#31
Cyclohexane
Concen: 16.362 ug/l
RT: 5.482 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tgt Ion: 56 Resp: 92586

Ion	Ratio	Lower	Upper
56	100		
69	28.2	24.3	36.5
84	83.1	65.3	97.9

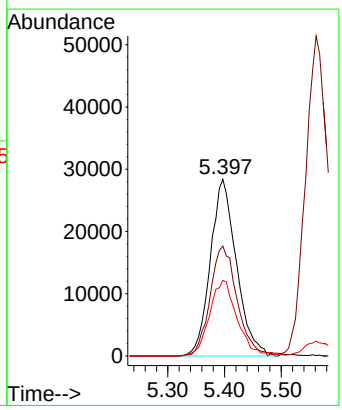


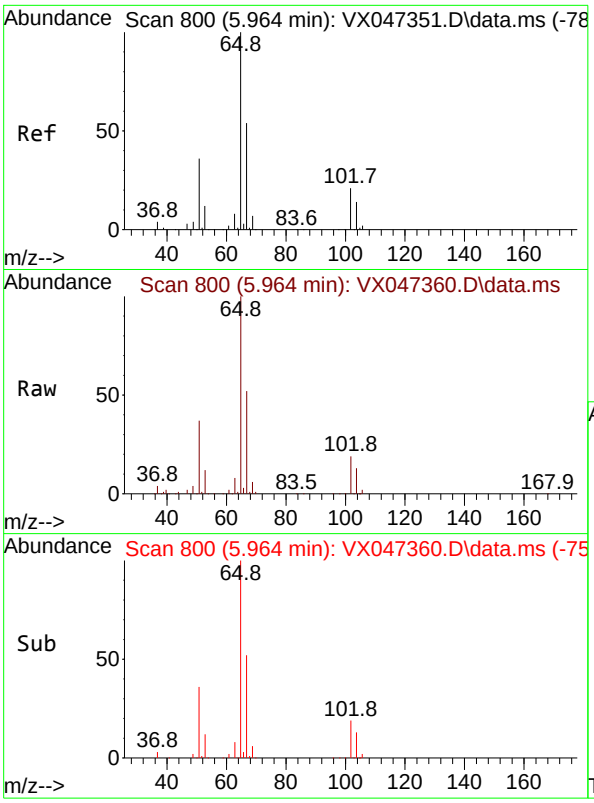


#32
1,1,1-Trichloroethane
Concen: 16.766 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 97 Resp: 90406

Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.4	77.0
61	45.2	35.7	53.5



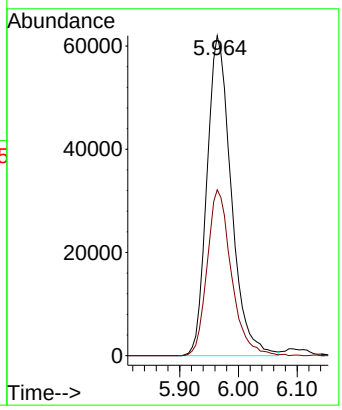


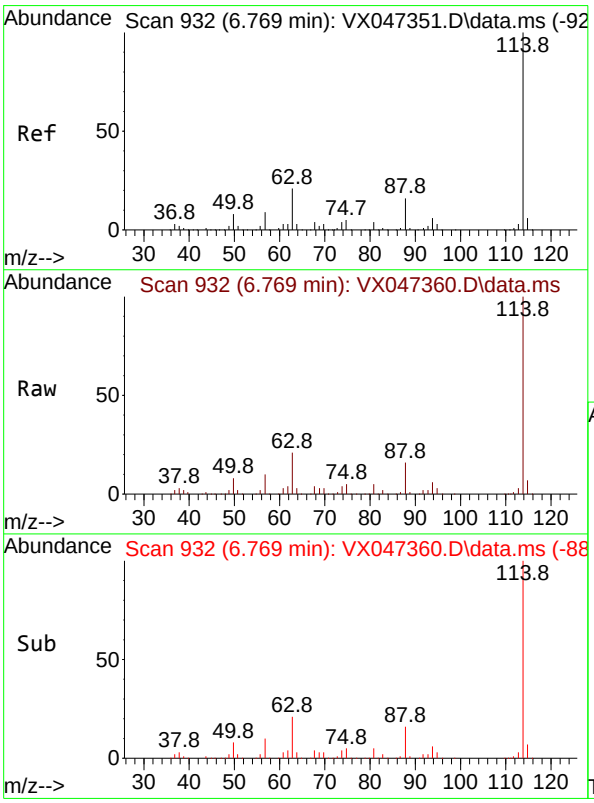
#33
1,2-Dichloroethane-d4
Concen: 50.459 ug/l
RT: 5.964 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tgt Ion: 65 Resp: 177417

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	106.0

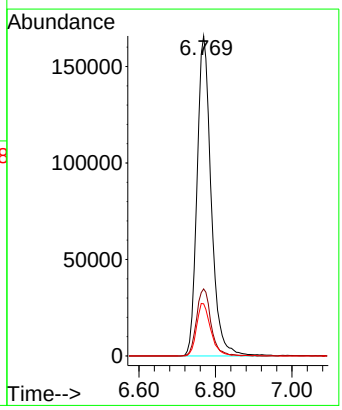


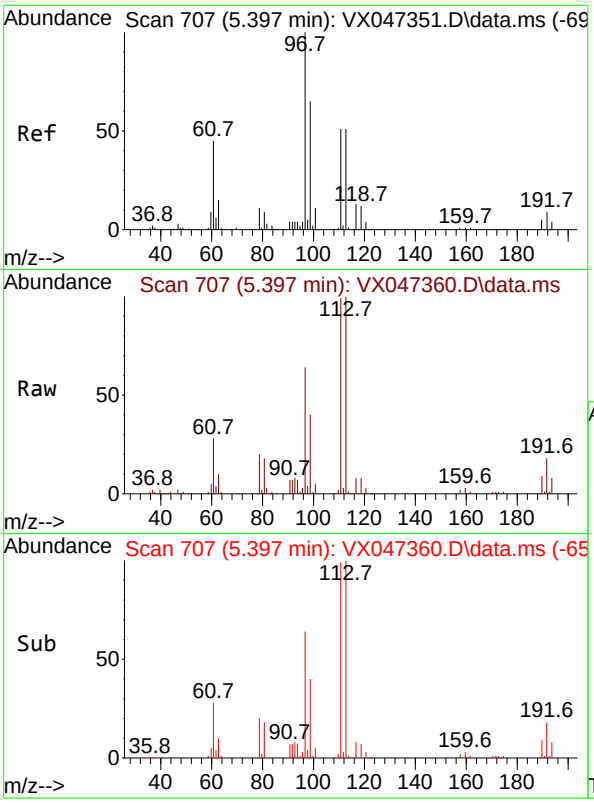


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion:114 Resp: 424536

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	42.4
88	16.3	0.0	33.0



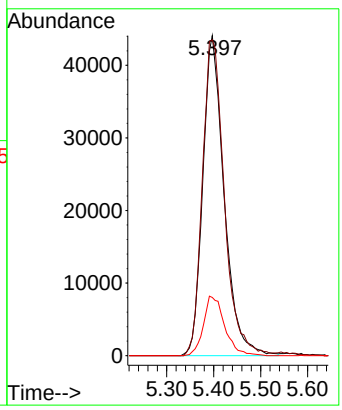


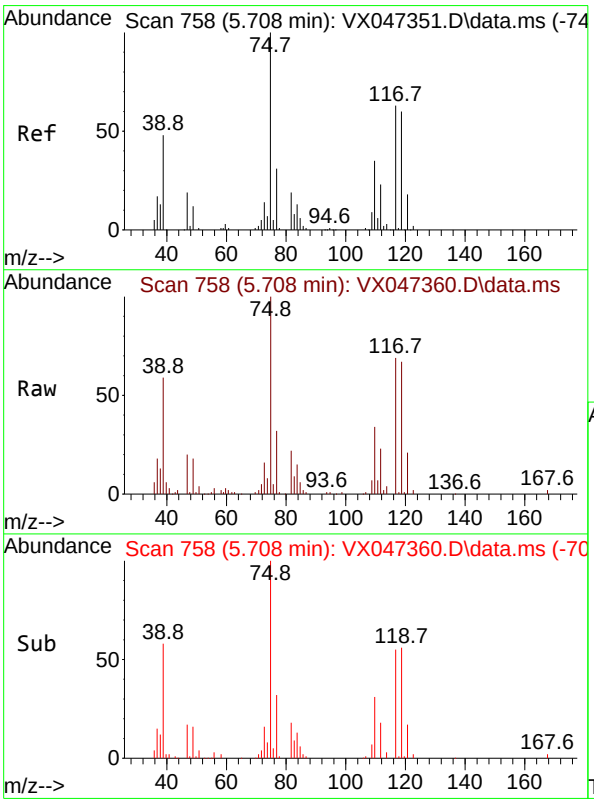
#35
Dibromofluoromethane
Concen: 50.347 ug/l
RT: 5.397 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tgt Ion:113 Resp: 138719

Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.4	122.2
192	18.5	14.1	21.1

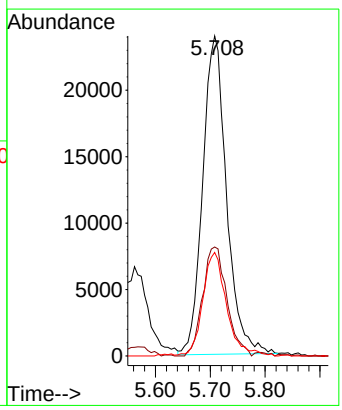


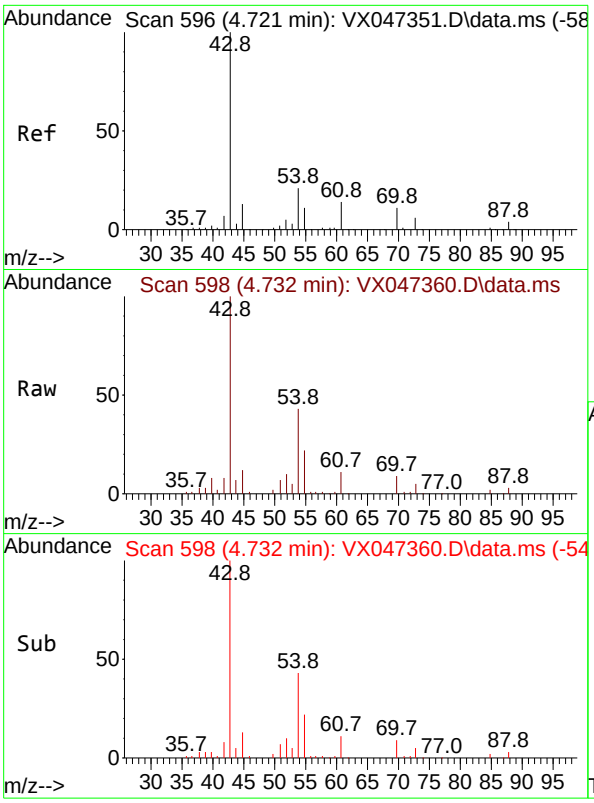


#36
1,1-Dichloropropene
Concen: 16.654 ug/l
RT: 5.708 min Scan# 758
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 75 Resp: 72437

Ion	Ratio	Lower	Upper
75	100		
110	34.6	17.4	52.2
77	32.4	24.4	36.6



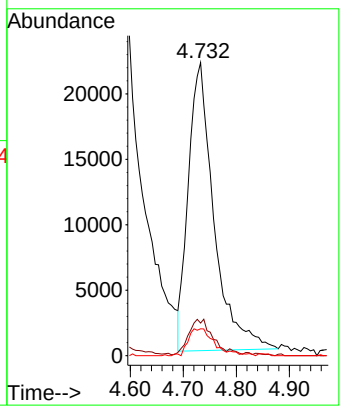


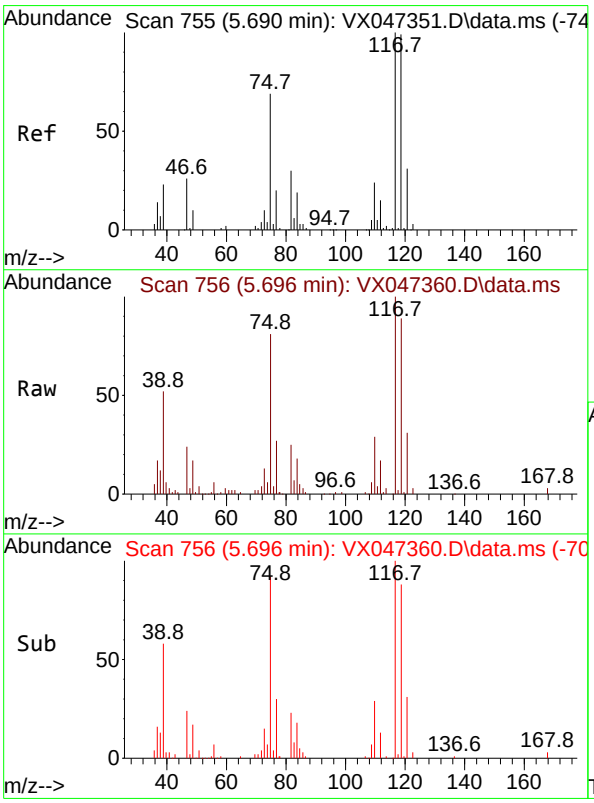
#37
Ethyl Acetate
Concen: 16.376 ug/l
RT: 4.732 min Scan# 5
Delta R.T. 0.012 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tgt Ion: 43 Resp: 73945

Ion	Ratio	Lower	Upper
43	100		
61	11.0	9.4	14.2
70	9.4	7.0	10.6

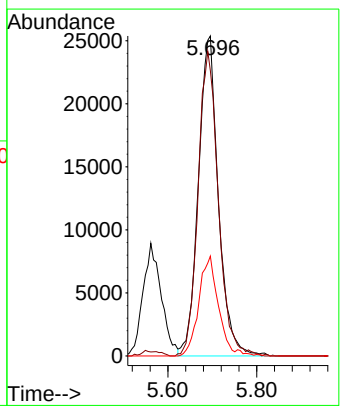


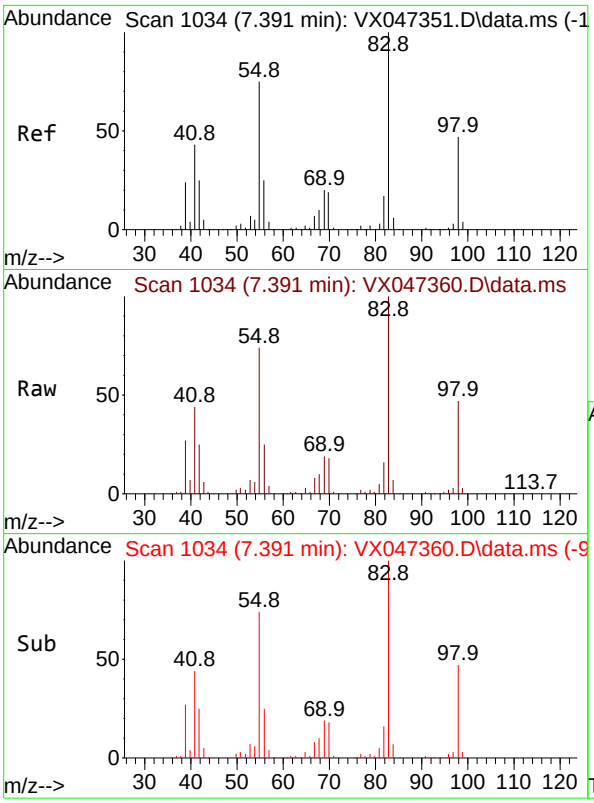


#38
Carbon Tetrachloride
Concen: 16.754 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion:117 Resp: 79632

Ion	Ratio	Lower	Upper
117	100		
119	89.2	78.5	117.7
121	31.2	24.7	37.1



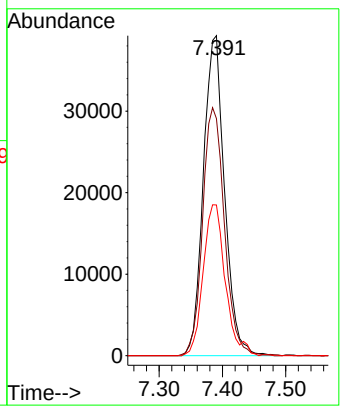


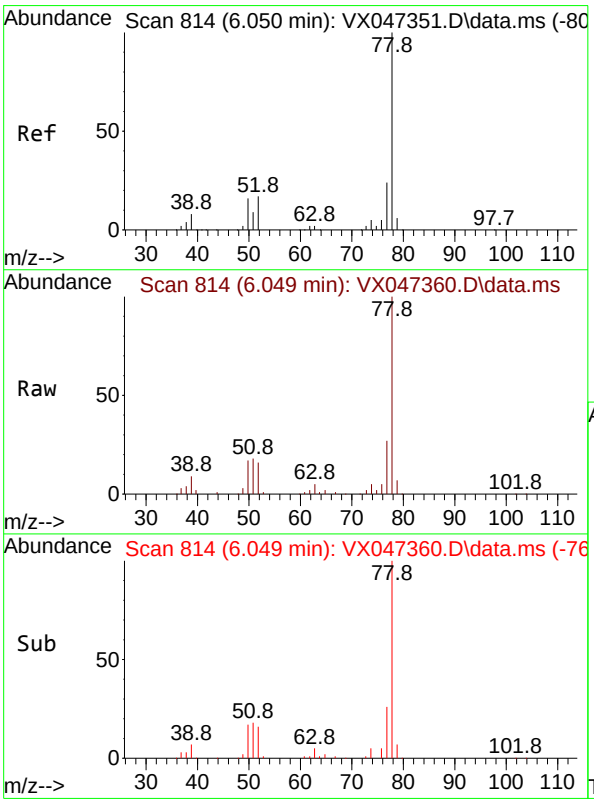
#39
Methylcyclohexane
Concen: 16.858 ug/l
RT: 7.391 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tgt Ion: 83 Resp: 91461

Ion	Ratio	Lower	Upper
83	100		
55	74.1	60.0	90.0
98	47.1	37.2	55.8

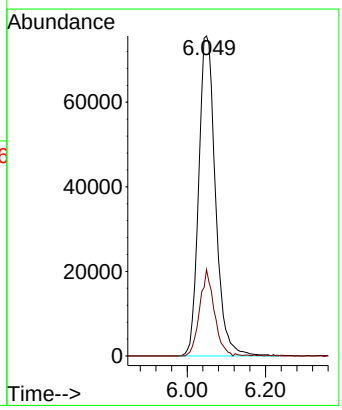


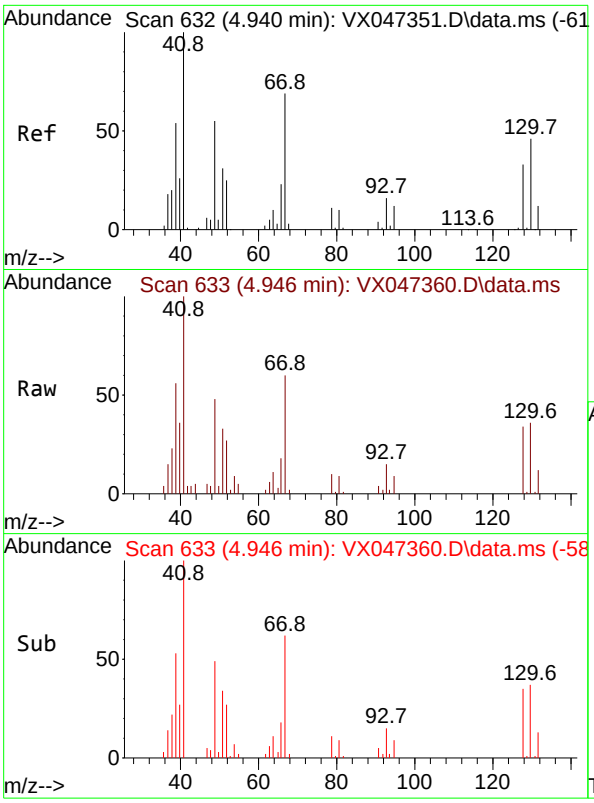


#40
Benzene
Concen: 17.304 ug/l
RT: 6.049 min Scan# 814
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 78 Resp: 225273

Ion	Ratio	Lower	Upper
78	100		
77	27.0	19.0	28.4



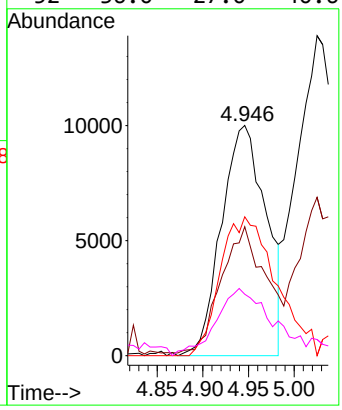


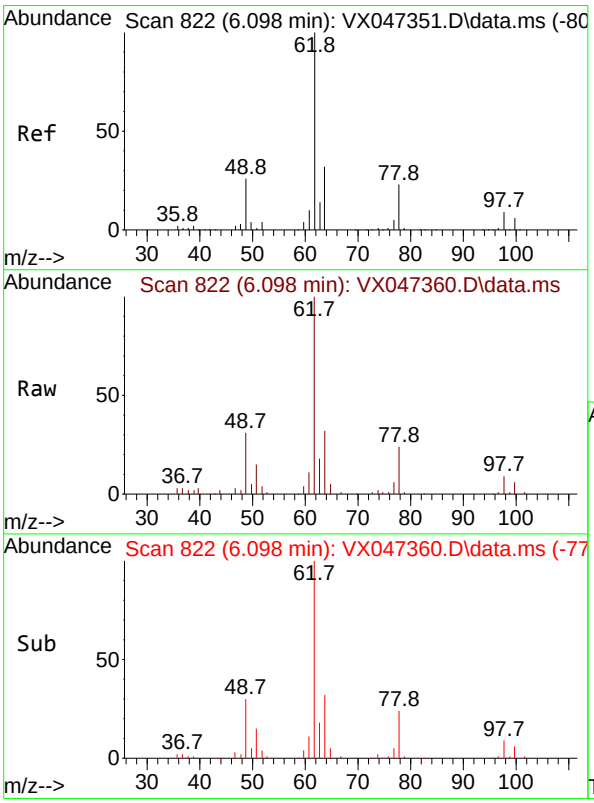
#41
Methacrylonitrile
Concen: 17.859 ug/l
RT: 4.946 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tgt Ion: 41 Resp: 34006

Ion	Ratio	Lower	Upper
41	100		
39	55.6	45.4	68.2
67	75.1	64.0	96.0
52	36.0	27.0	40.6

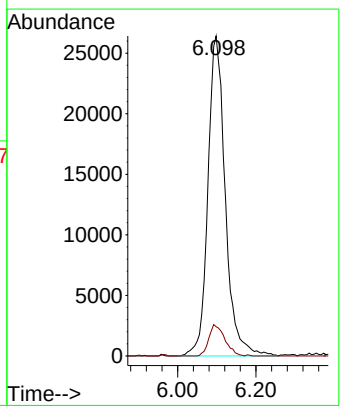


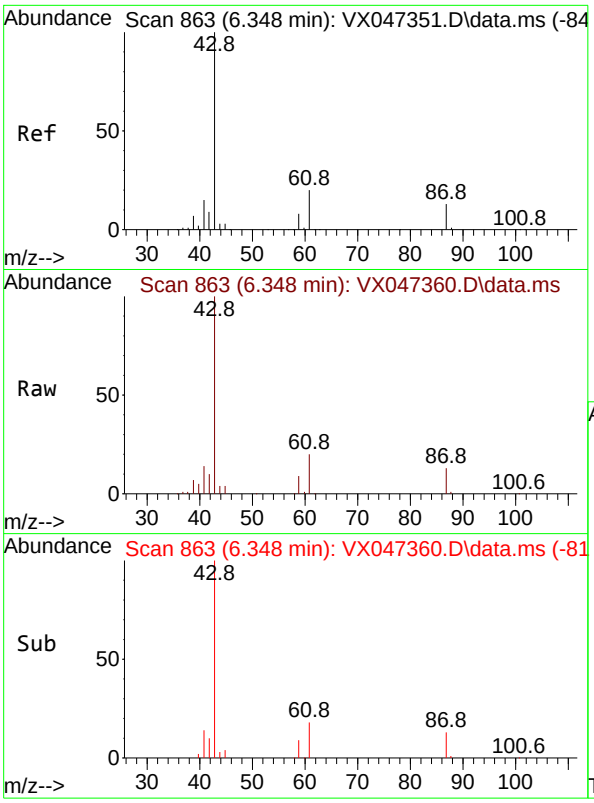


#42
1,2-Dichloroethane
Concen: 17.609 ug/l
RT: 6.098 min Scan# 822
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 62 Resp: 81200

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.0



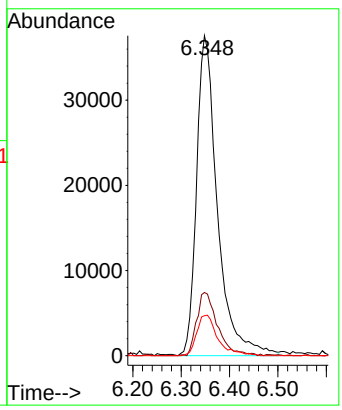


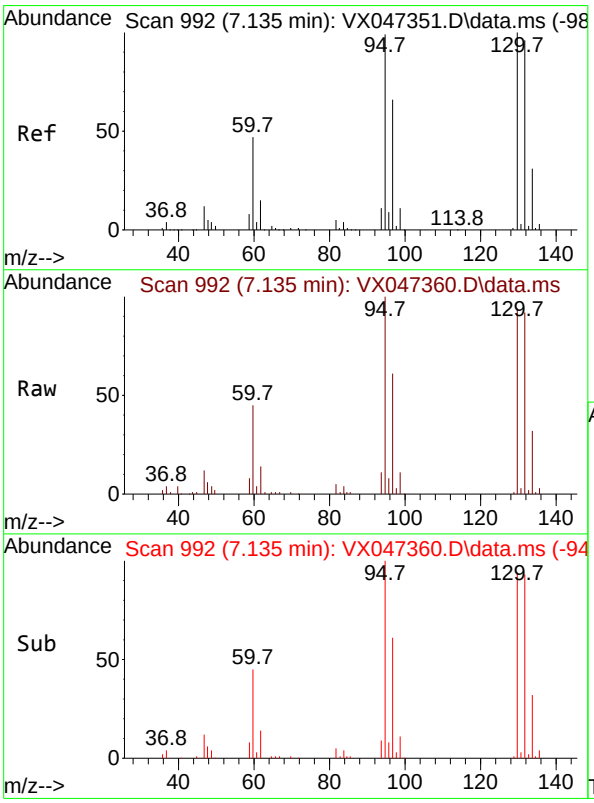
#43
Isopropyl Acetate
Concen: 17.388 ug/l
RT: 6.348 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tgt Ion: 43 Resp: 112794

Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.4	23.0
87	12.8	10.2	15.4

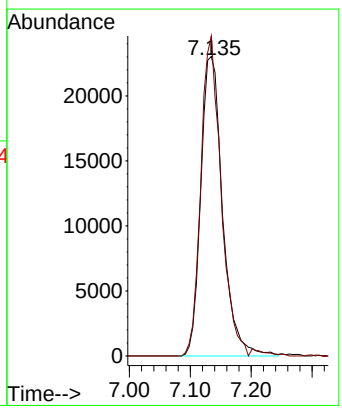


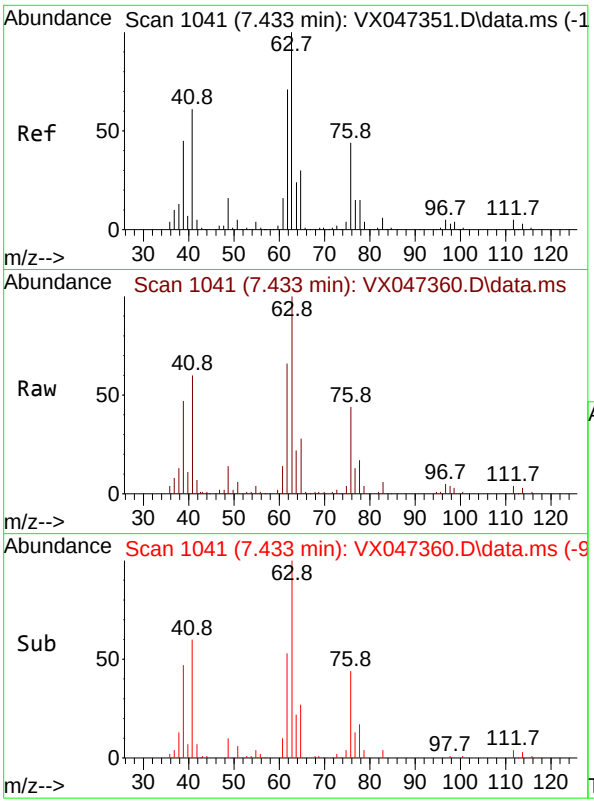


#44
Trichloroethene
Concen: 17.133 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion:130 Resp: 57113

Ion	Ratio	Lower	Upper
130	100		
95	106.8	0.0	198.6



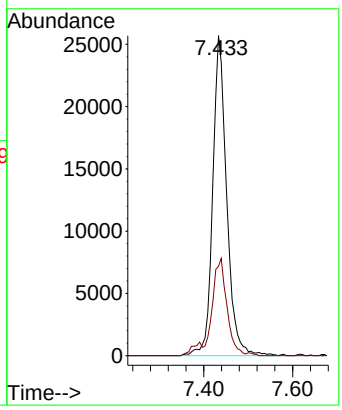


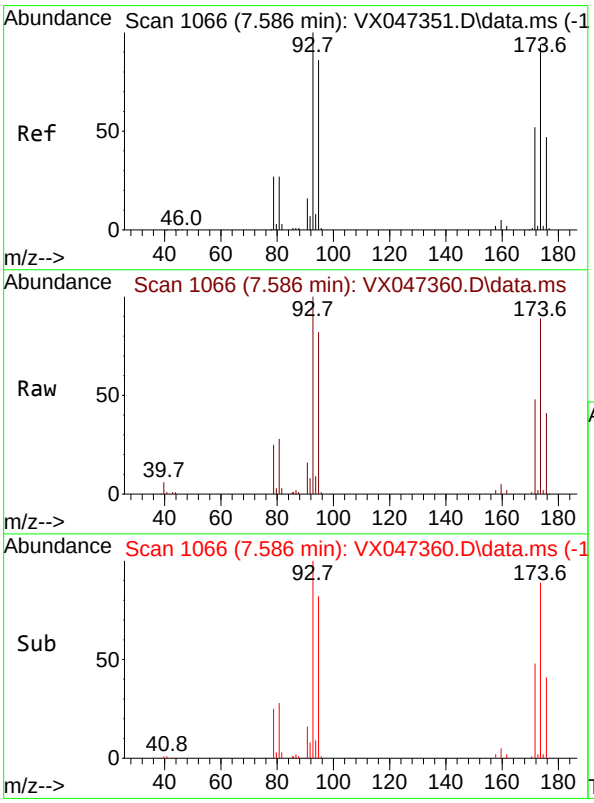
#45
1,2-Dichloropropane
Concen: 17.159 ug/l
RT: 7.433 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tgt Ion: 63 Resp: 55964

Ion	Ratio	Lower	Upper
63	100		
65	28.0	23.8	35.6

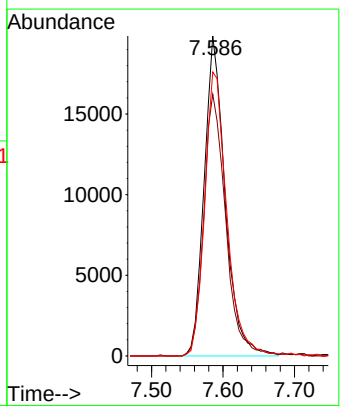


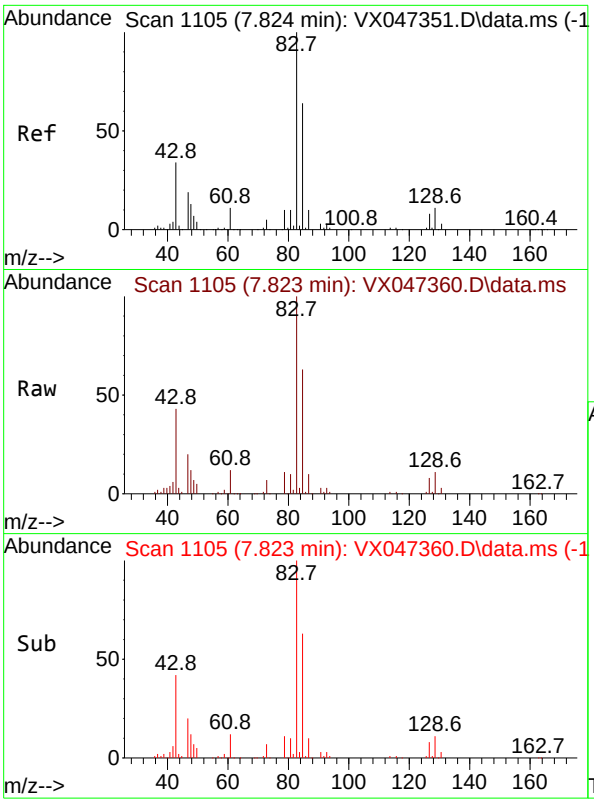


#46
Dibromomethane
Concen: 17.074 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 93 Resp: 40428

Ion	Ratio	Lower	Upper
93	100		
95	85.6	68.0	102.0
174	93.9	75.8	113.6



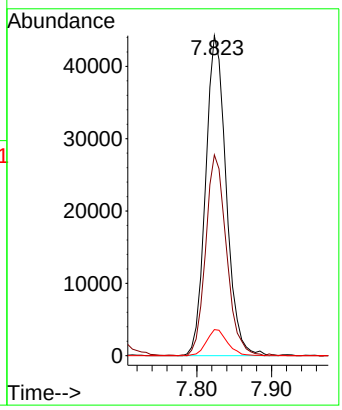


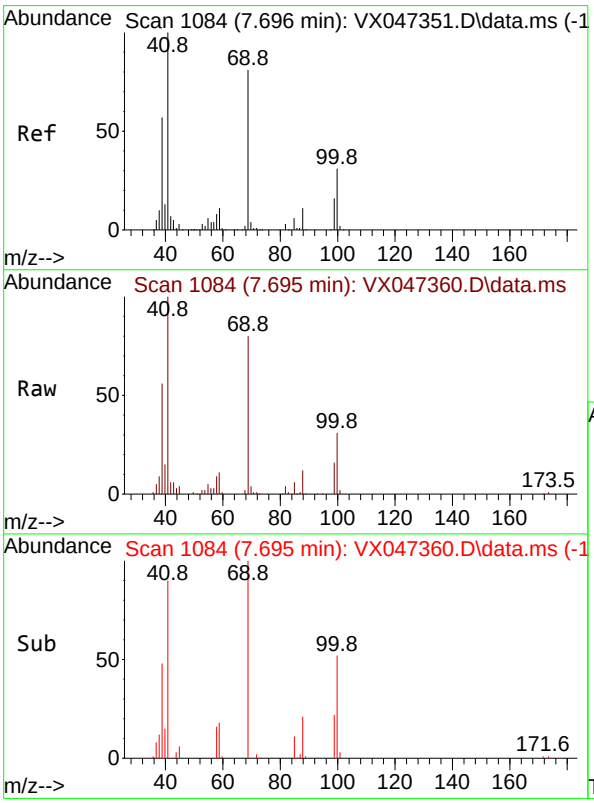
#47
Bromodichloromethane
Concen: 17.204 ug/l
RT: 7.823 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tgt Ion: 83 Resp: 84446

Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.0	76.6
127	8.1	7.0	10.4

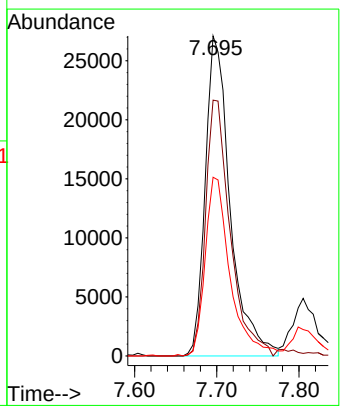


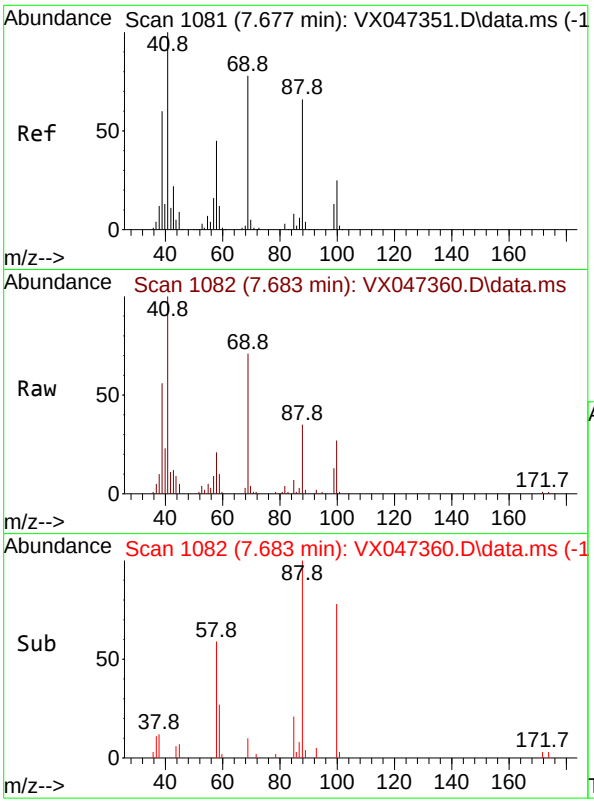


#48
Methyl methacrylate
Concen: 16.998 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 41 Resp: 57232

Ion	Ratio	Lower	Upper
41	100		
69	78.7	65.0	97.4
39	55.8	45.7	68.5



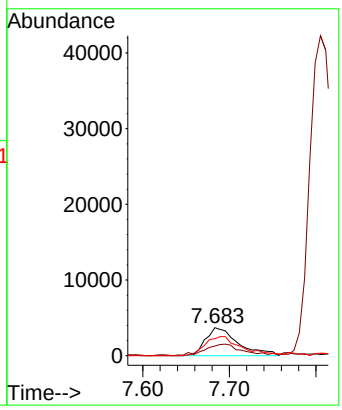


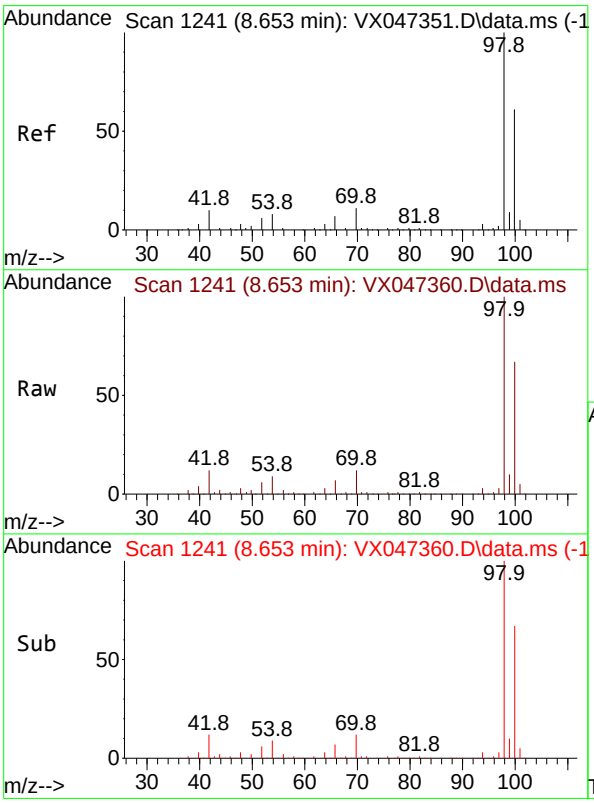
#49
1,4-Dioxane
Concen: 293.782 ug/l
RT: 7.683 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tgt Ion: 88 Resp: 9616

Ion	Ratio	Lower	Upper
88	100		
43	47.8	32.4	48.6
58	75.8	56.9	85.3

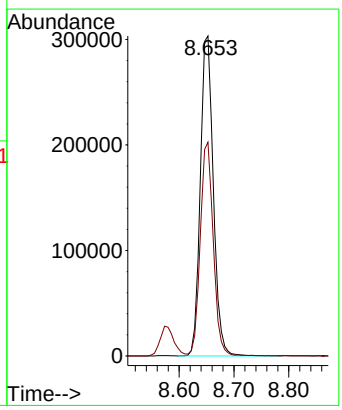


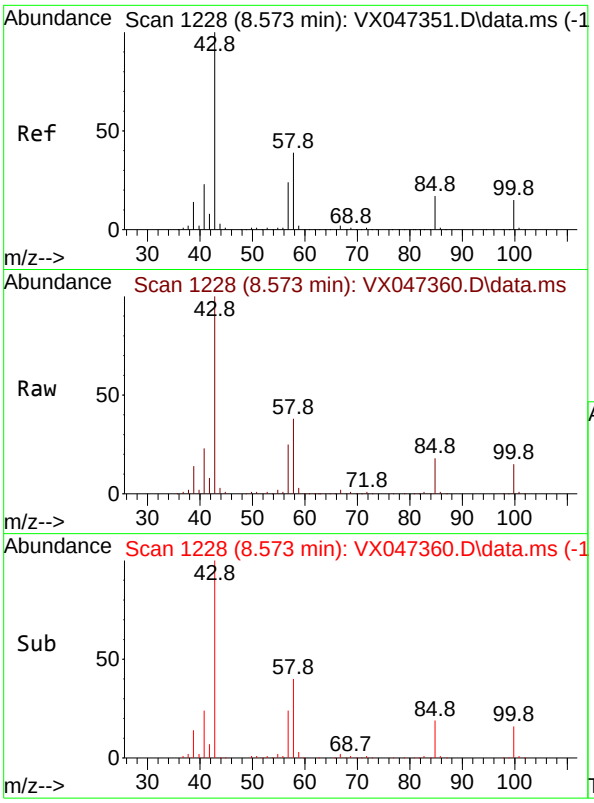


#50
Toluene-d8
Concen: 50.785 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 98 Resp: 500139

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.9	80.9



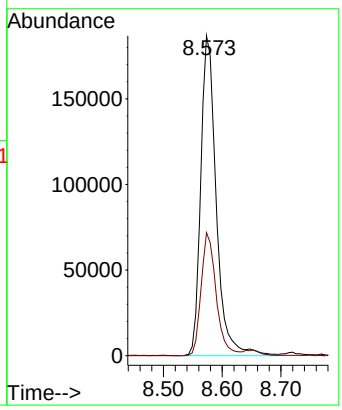


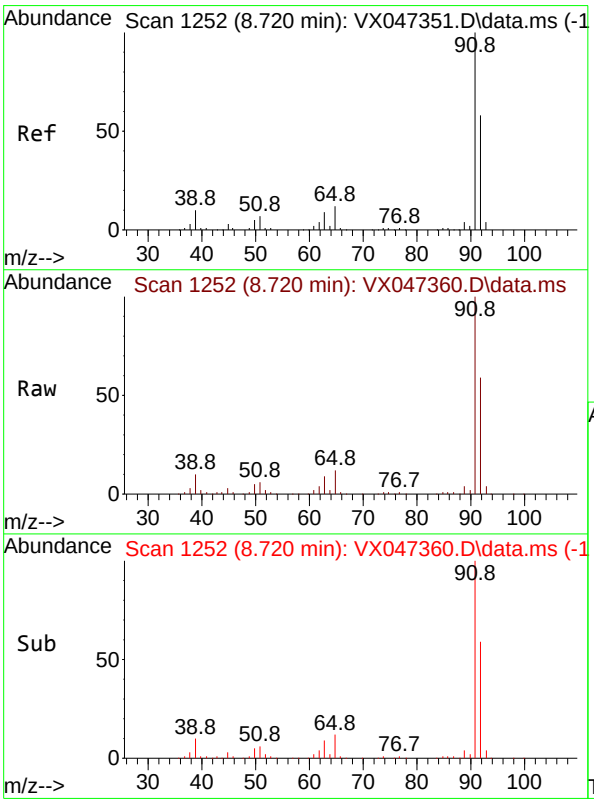
#51
4-Methyl-2-Pentanone
Concen: 91.962 ug/l
RT: 8.573 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tgt Ion: 43 Resp: 343280

Ion	Ratio	Lower	Upper
43	100		
58	37.2	31.2	46.8

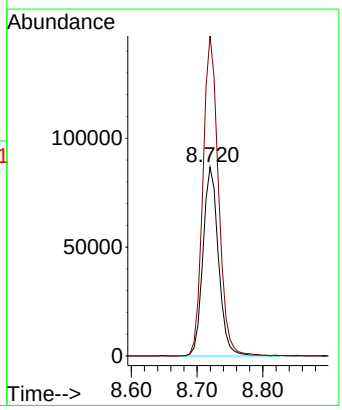


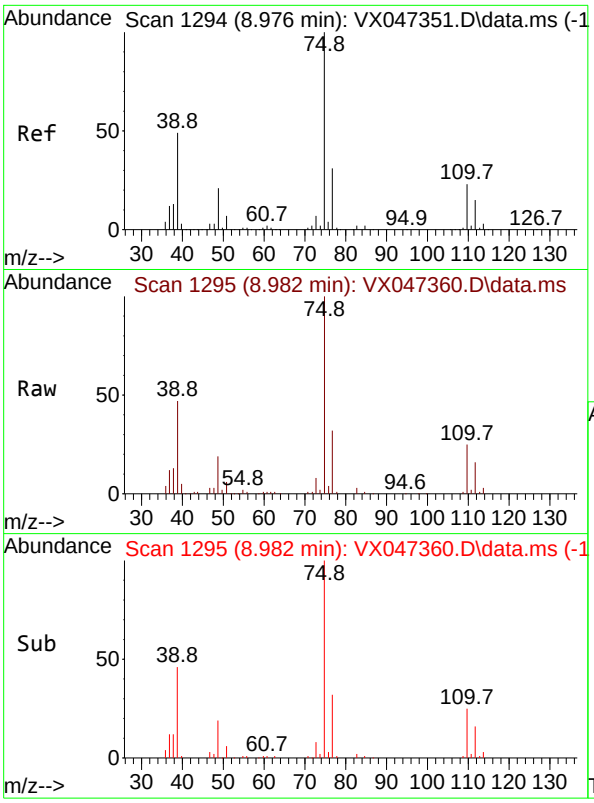


#52
Toluene
Concen: 17.648 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 92 Resp: 141973

Ion	Ratio	Lower	Upper
92	100		
91	170.3	136.3	204.5



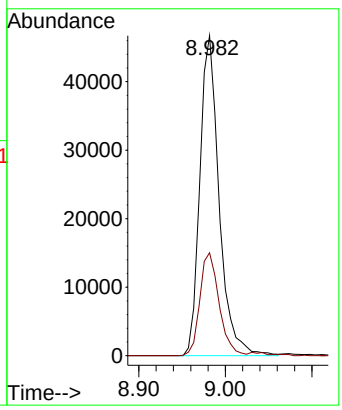


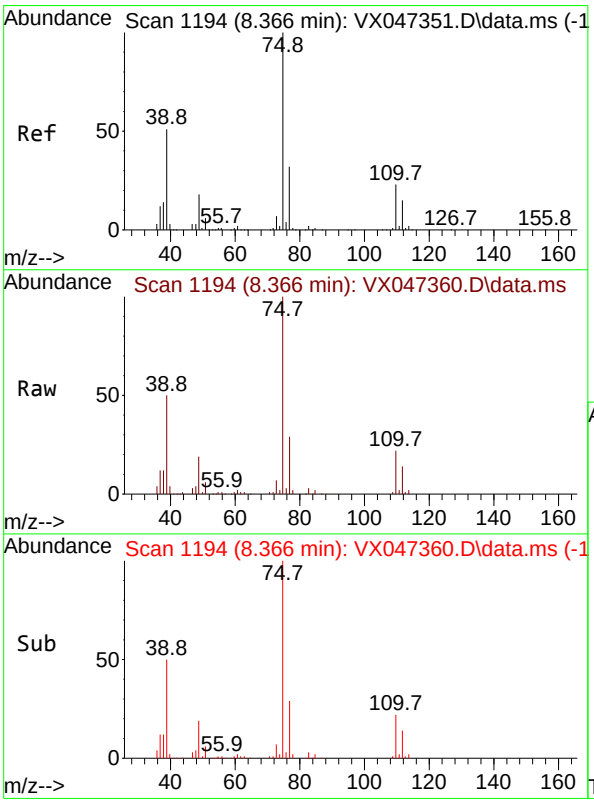
#53
t-1,3-Dichloropropene
Concen: 16.867 ug/l
RT: 8.982 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tgt Ion: 75 Resp: 72258

Ion	Ratio	Lower	Upper
75	100		
77	32.2	24.7	37.1

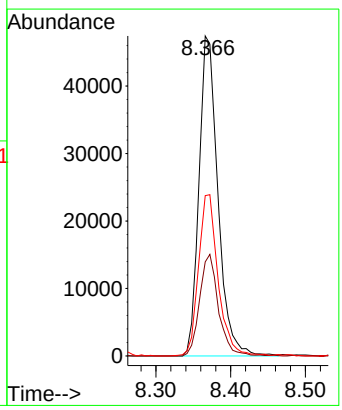


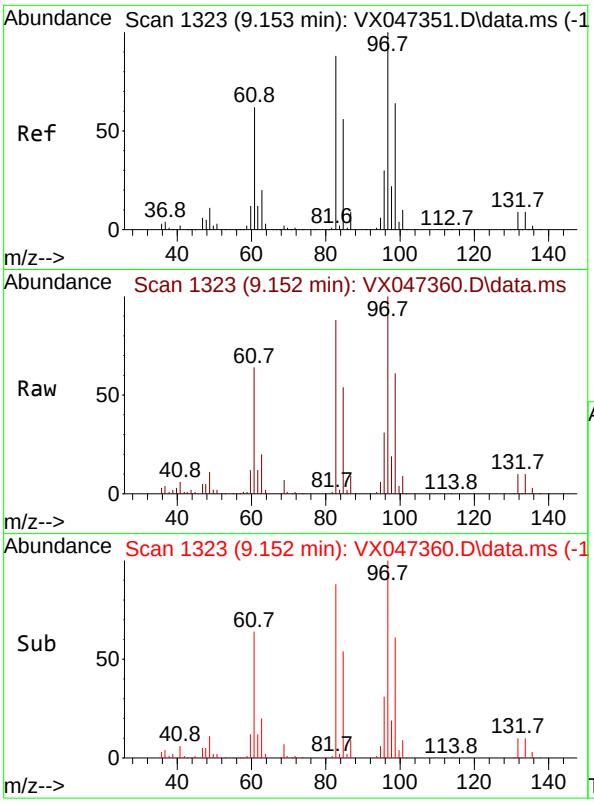


#54
cis-1,3-Dichloropropene
Concen: 17.198 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 75 Resp: 83395

Ion	Ratio	Lower	Upper
75	100		
77	29.4	25.6	38.4
39	49.9	40.9	61.3



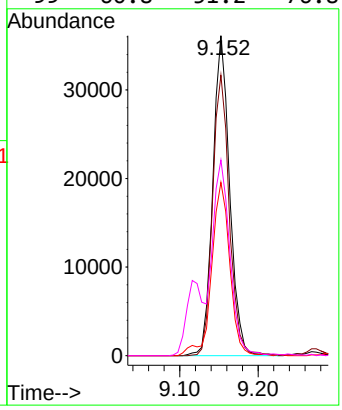


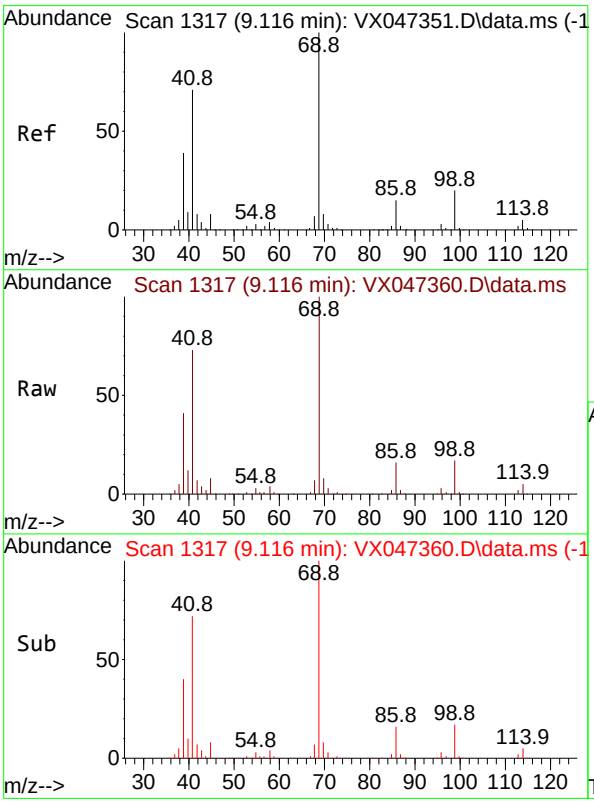
#55
1,1,2-Trichloroethane
Concen: 17.674 ug/l
RT: 9.152 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tgt Ion: 97 Resp: 53981

Ion	Ratio	Lower	Upper
97	100		
83	87.7	70.6	106.0
85	54.1	44.7	67.1
99	60.8	51.2	76.8

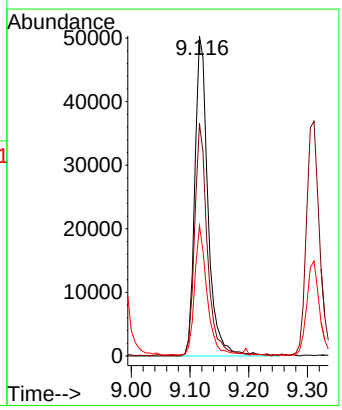


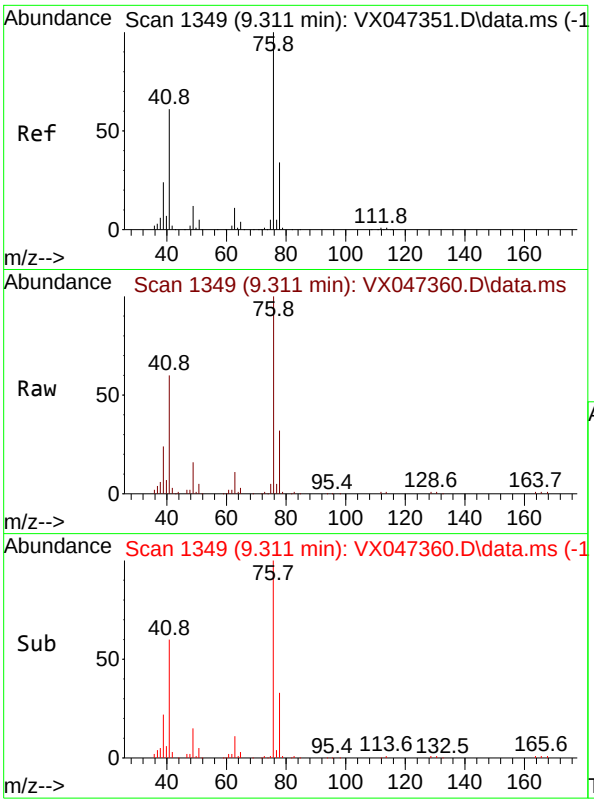


#56
Ethyl methacrylate
Concen: 17.431 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 69 Resp: 78496

Ion	Ratio	Lower	Upper
69	100		
41	70.2	55.3	82.9
39	37.3	30.2	45.2



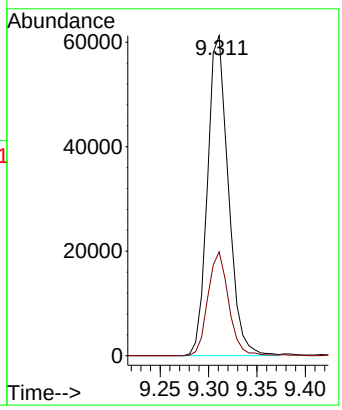


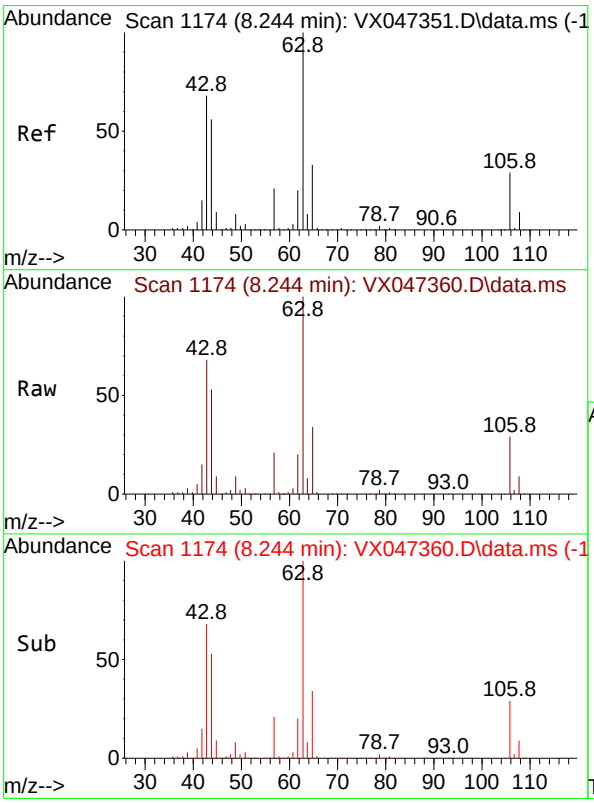
#57
1,3-Dichloropropane
Concen: 17.710 ug/l
RT: 9.311 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tgt Ion: 76 Resp: 92173

Ion	Ratio	Lower	Upper
76	100		
78	32.1	26.2	39.2

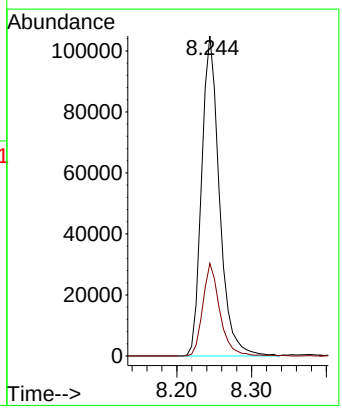


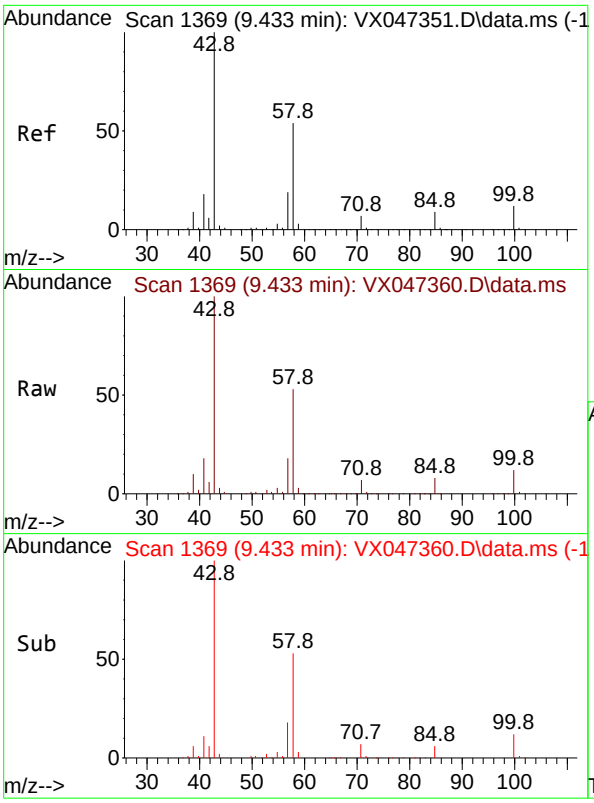


#58
2-Chloroethyl Vinyl ether
Concen: 86.358 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 63 Resp: 173530

Ion	Ratio	Lower	Upper
63	100		
106	27.7	22.8	34.2



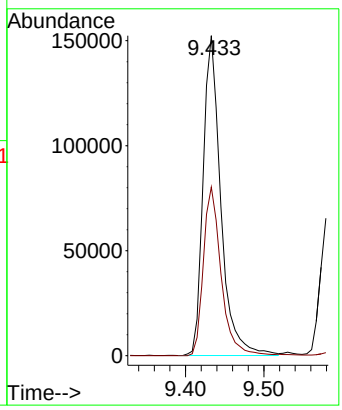


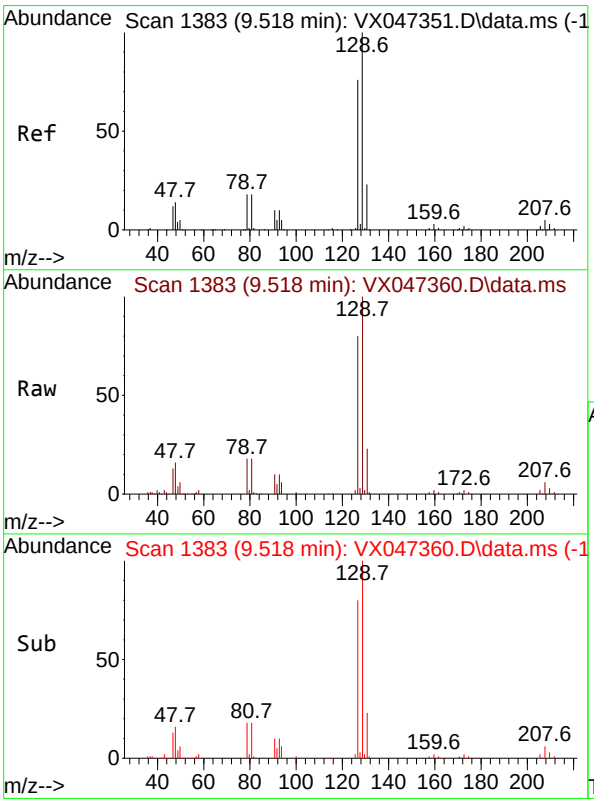
#59
2-Hexanone
Concen: 92.295 ug/l
RT: 9.433 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tgt Ion: 43 Resp: 238313

Ion	Ratio	Lower	Upper
43	100		
58	53.4	26.9	80.7

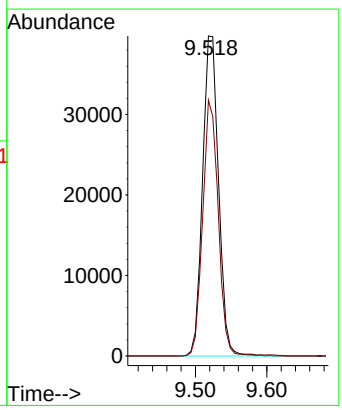


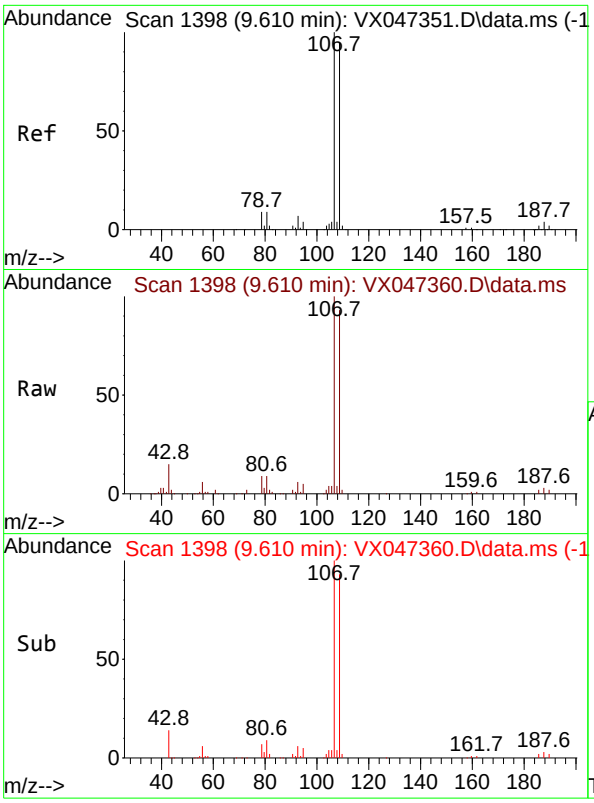


#60
Dibromochloromethane
Concen: 16.985 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion:129 Resp: 61652

Ion	Ratio	Lower	Upper
129	100		
127	77.6	38.9	116.6



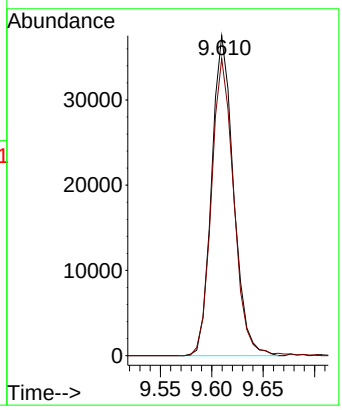


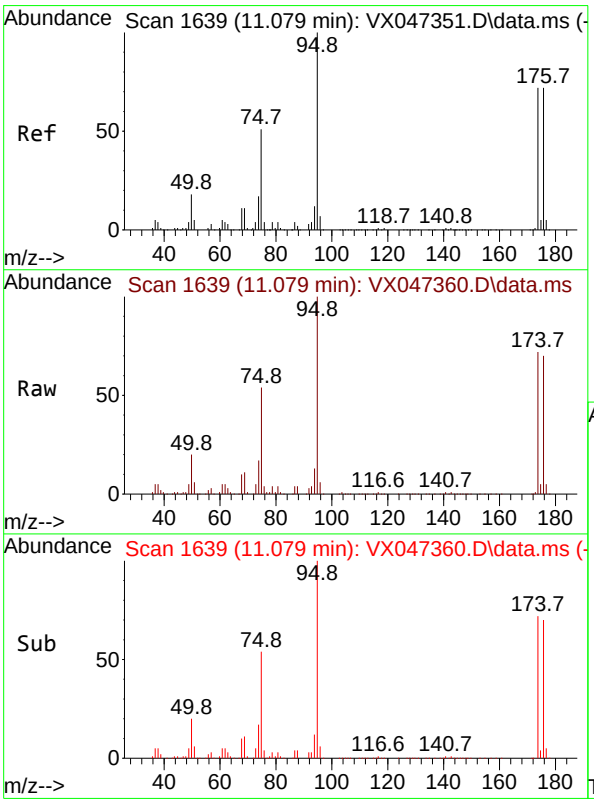
#61
1,2-Dibromoethane
Concen: 17.655 ug/l
RT: 9.610 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tgt Ion:107 Resp: 55605

Ion	Ratio	Lower	Upper
107	100		
109	94.6	76.2	114.2

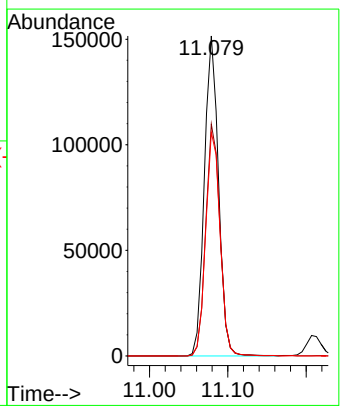


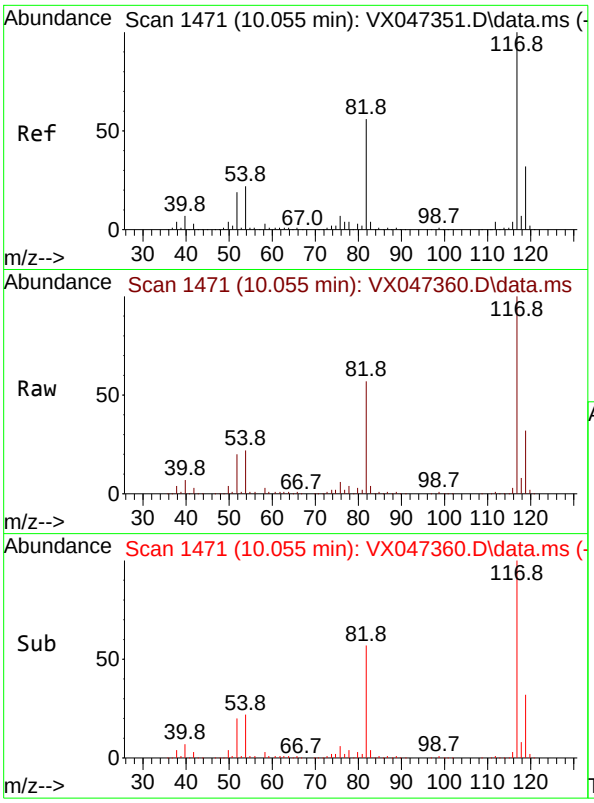


#62
4-Bromofluorobenzene
Concen: 52.150 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 95 Resp: 189520

Ion	Ratio	Lower	Upper
95	100		
174	73.0	0.0	148.0
176	71.3	0.0	145.4



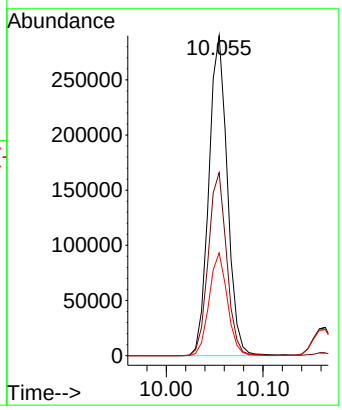


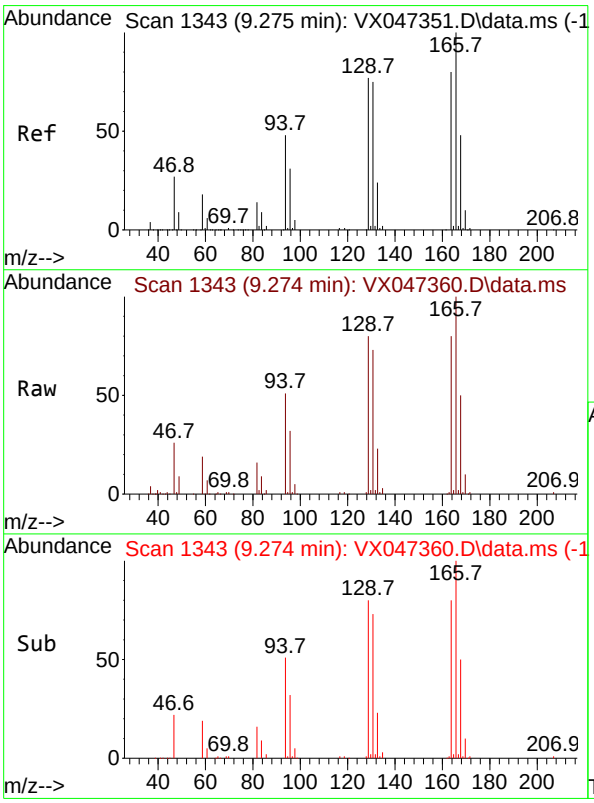
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tgt Ion:117 Resp: 385995

Ion	Ratio	Lower	Upper
117	100		
82	57.2	45.0	67.4
119	32.1	25.8	38.8

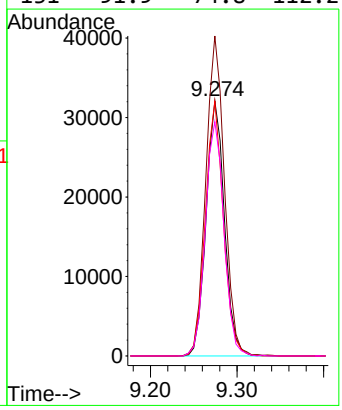


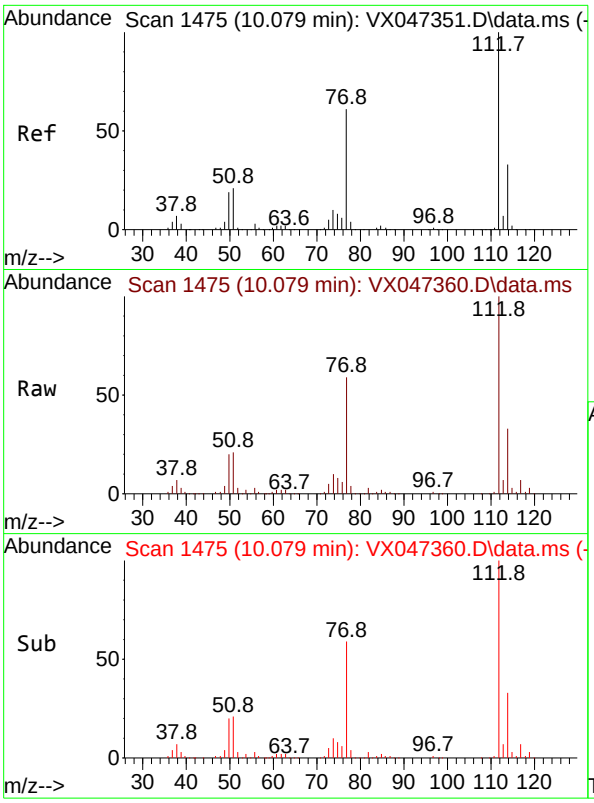


#64
Tetrachloroethene
Concen: 16.905 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion:164 Resp: 47199

Ion	Ratio	Lower	Upper
164	100		
166	125.6	100.3	150.5
129	100.0	77.7	116.5
131	91.9	74.8	112.2



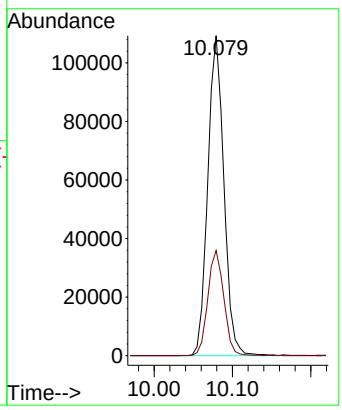


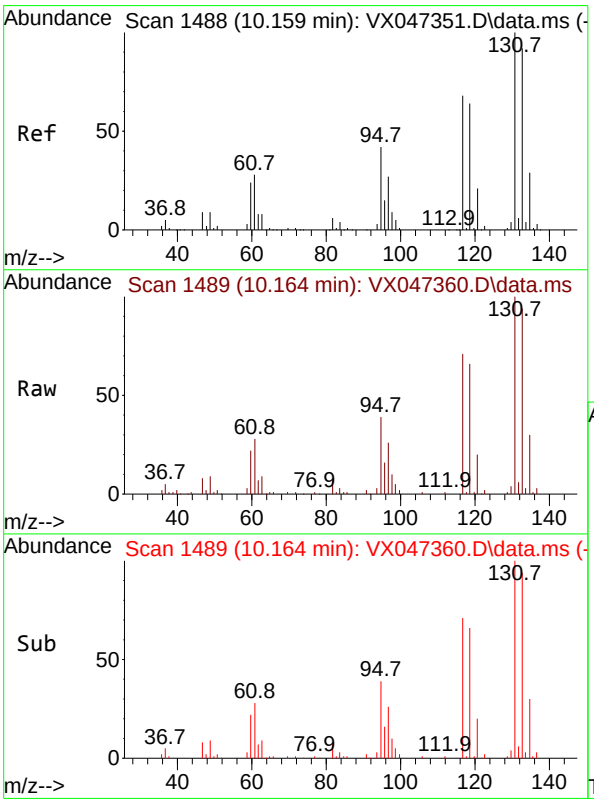
#65
Chlorobenzene
Concen: 16.966 ug/l
RT: 10.079 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tgt Ion:112 Resp: 155621

Ion	Ratio	Lower	Upper
112	100		
114	32.9	26.4	39.6

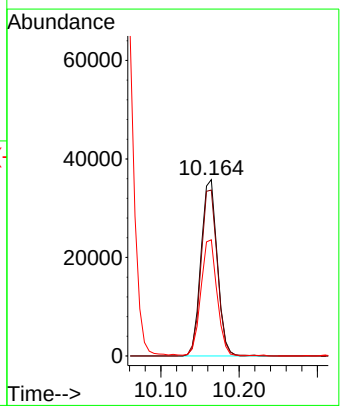


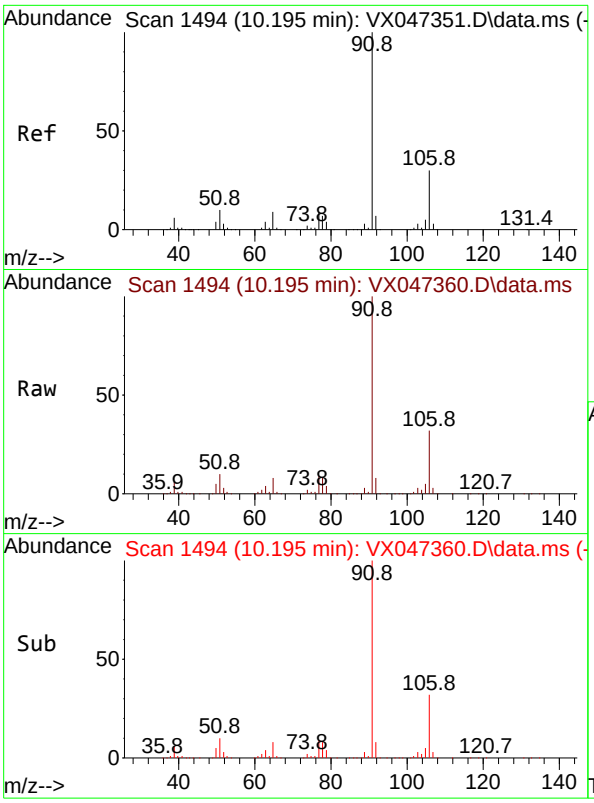


#66
1,1,1,2-Tetrachloroethane
Concen: 16.651 ug/l
RT: 10.164 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion:131 Resp: 51630

Ion	Ratio	Lower	Upper
131	100		
133	94.4	47.6	142.9
119	65.1	32.3	96.8



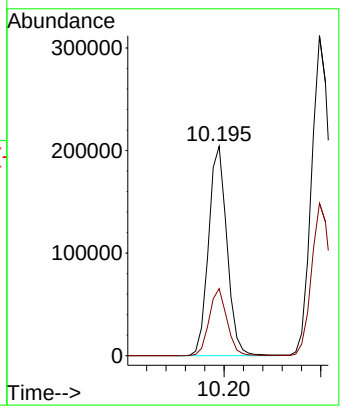


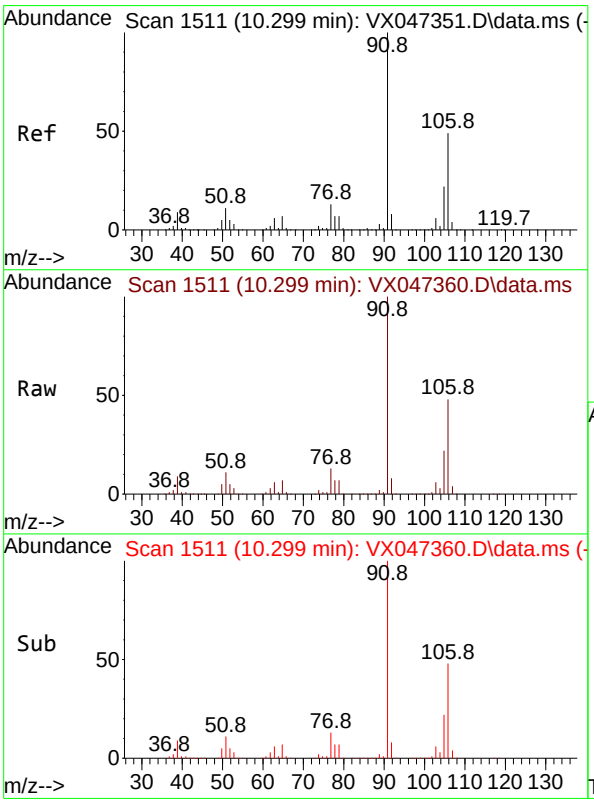
#67
Ethyl Benzene
Concen: 17.116 ug/l
RT: 10.195 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tgt Ion: 91 Resp: 270213

Ion	Ratio	Lower	Upper
91	100		
106	32.0	24.4	36.6

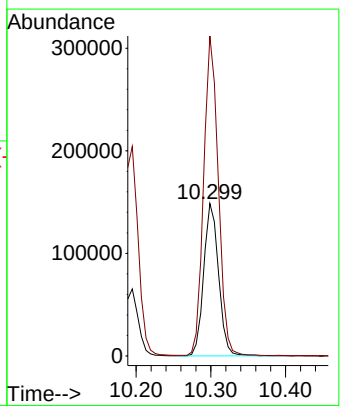


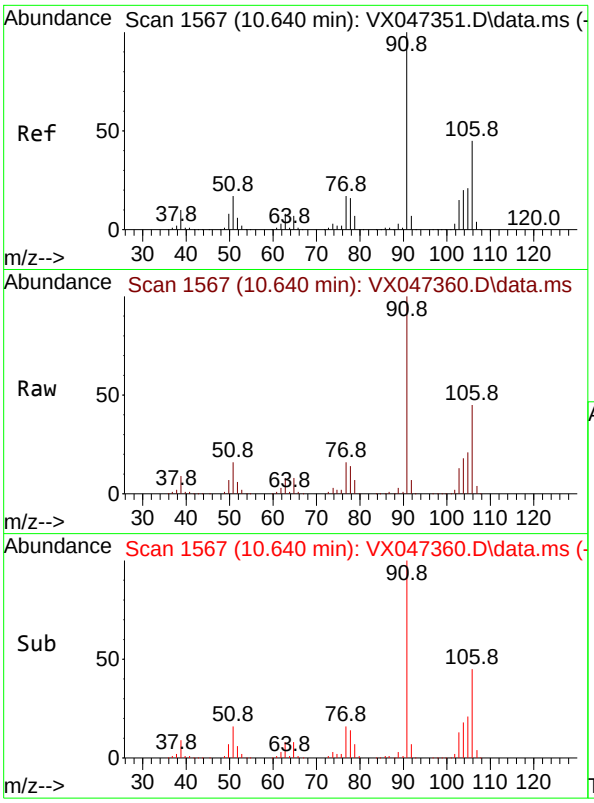


#68
m/p-Xylenes
Concen: 34.739 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion:106 Resp: 204503

Ion	Ratio	Lower	Upper
106	100		
91	207.2	164.7	247.1



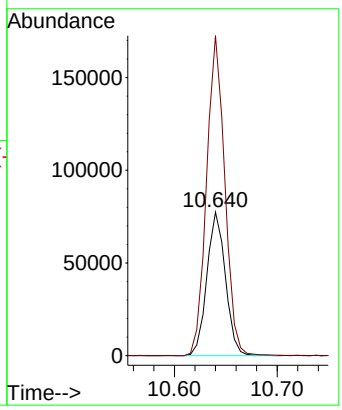


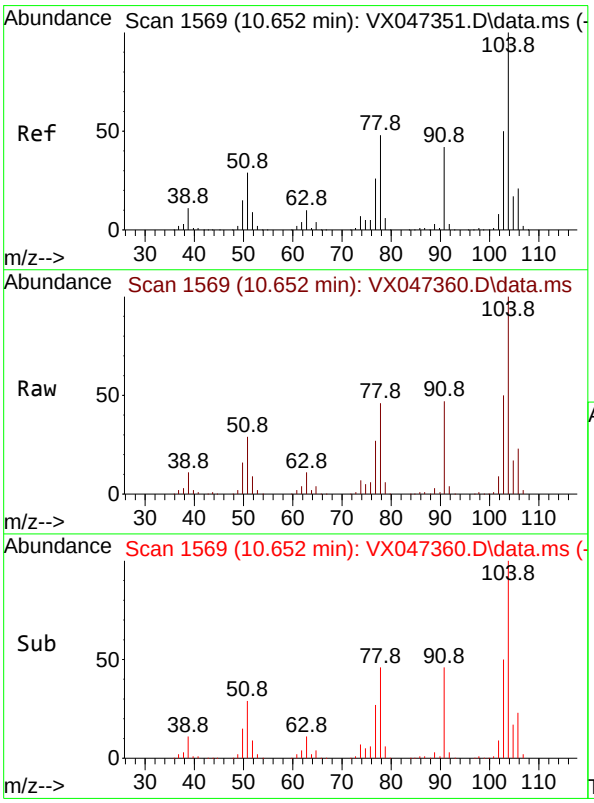
#69
o-Xylene
Concen: 17.142 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tgt Ion:106 Resp: 97111

Ion	Ratio	Lower	Upper
106	100		
91	219.4	110.6	331.8

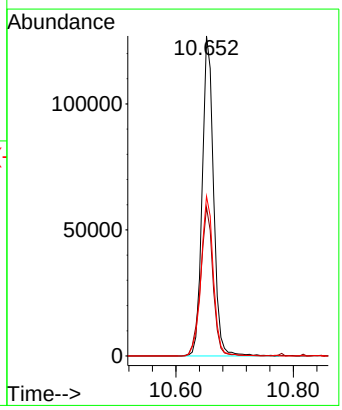


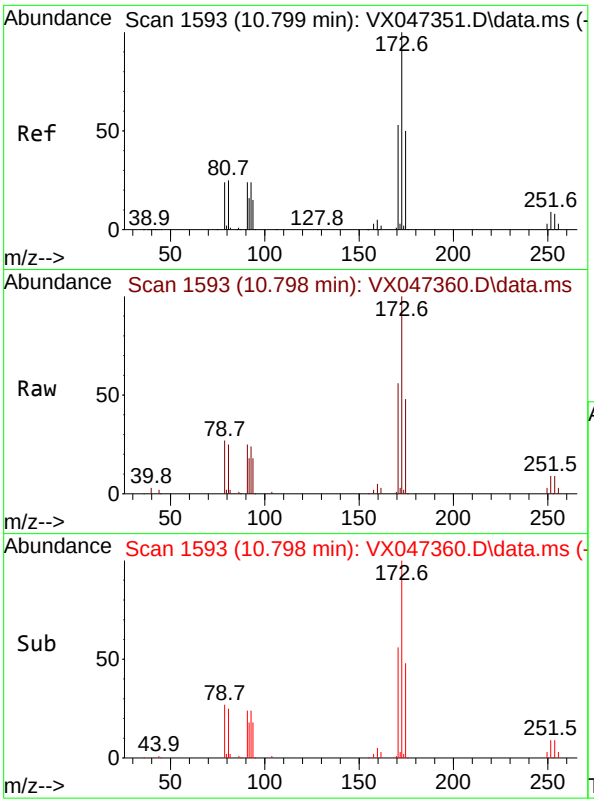


#70
Styrene
Concen: 17.798 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion:104 Resp: 170364

Ion	Ratio	Lower	Upper
104	100		
78	50.9	41.8	62.8
103	54.0	43.6	65.4



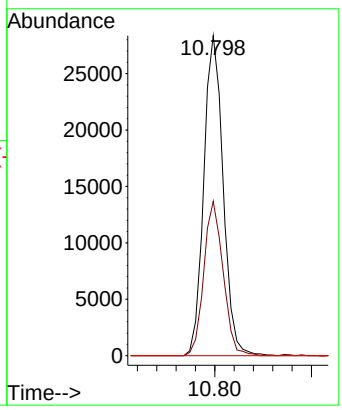


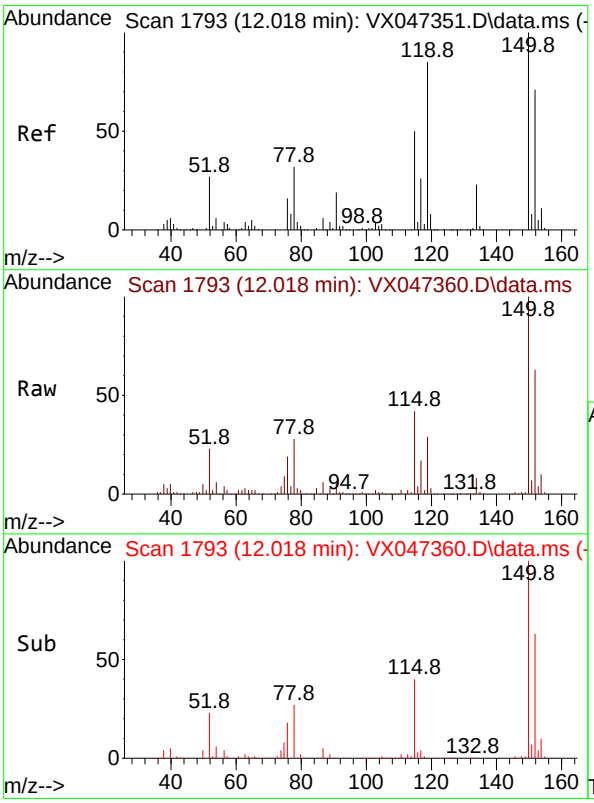
#71
Bromoform
Concen: 16.944 ug/l
RT: 10.798 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tgt Ion:173 Resp: 39471

Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.4	73.4
254	0.0	0.1	0.1#

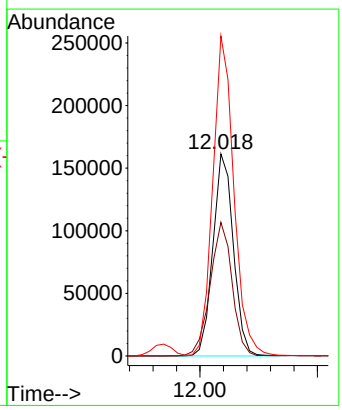


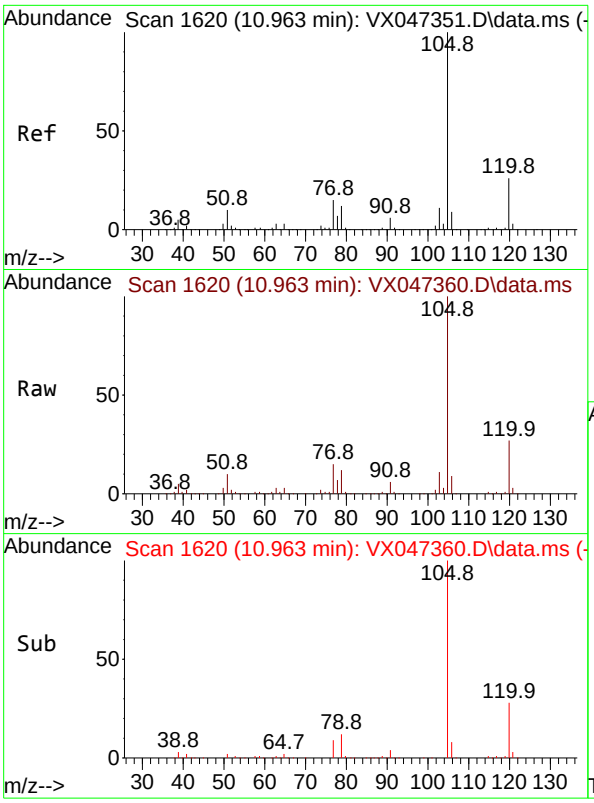


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion:152 Resp: 195233

Ion	Ratio	Lower	Upper
152	100		
115	71.2	44.6	133.8
150	163.4	0.0	349.8



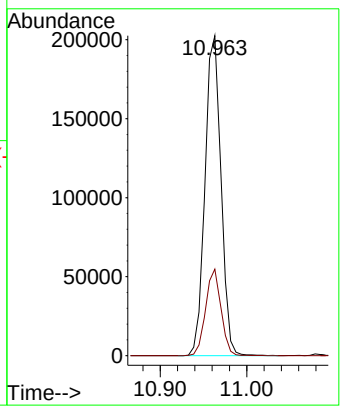


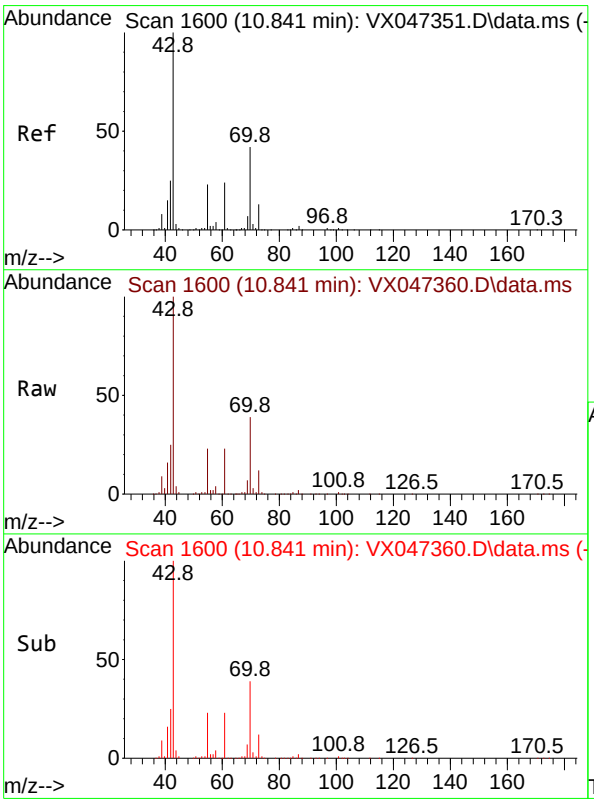
#73
Isopropylbenzene
Concen: 17.013 ug/l
RT: 10.963 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tgt Ion:105 Resp: 259926

Ion	Ratio	Lower	Upper
105	100		
120	26.0	12.9	38.6

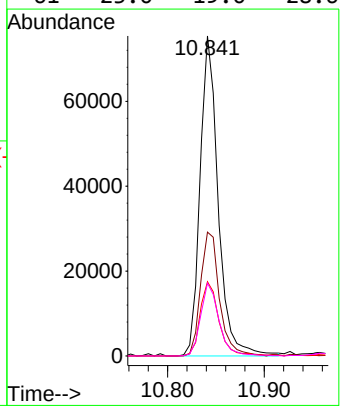


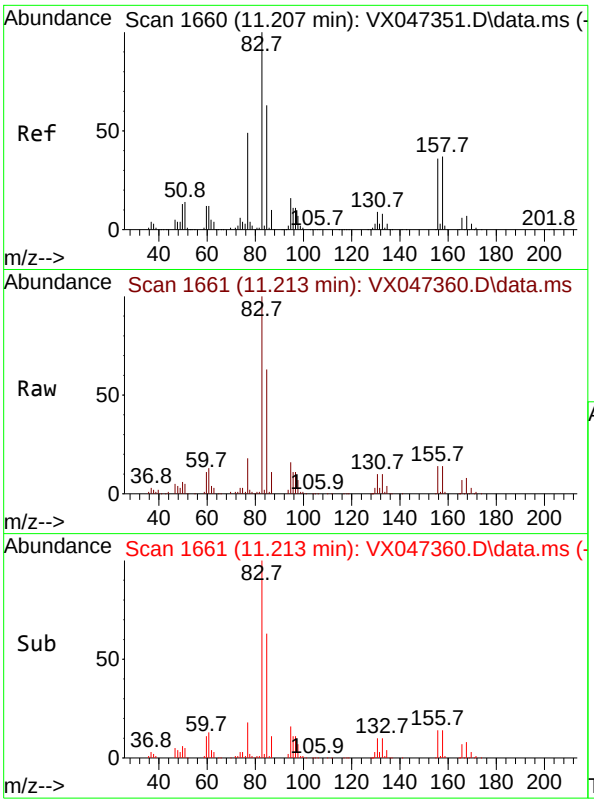


#74
N-amyl acetate
Concen: 16.961 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 43 Resp: 98400

Ion	Ratio	Lower	Upper
43	100		
70	40.5	33.1	49.7
55	24.2	19.0	28.6
61	23.0	19.0	28.6



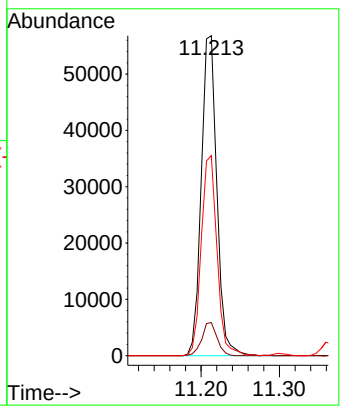


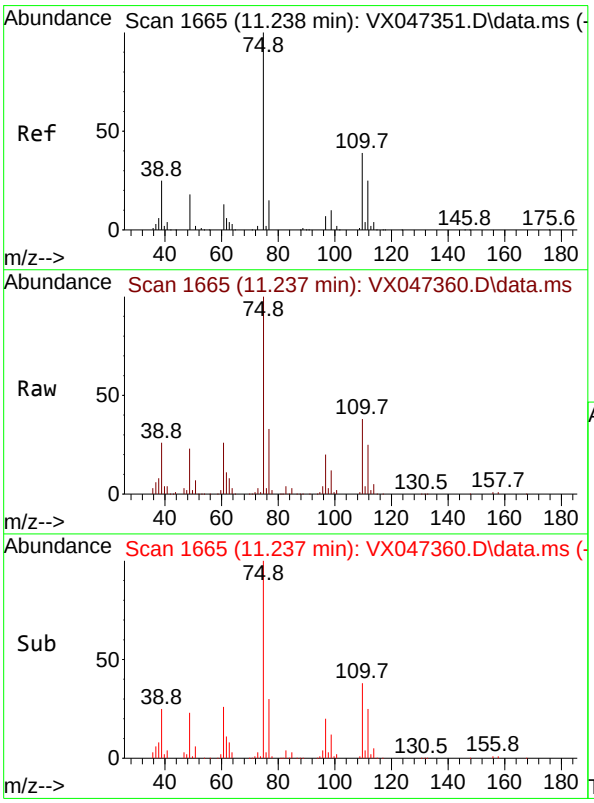
#75
1,1,2,2-Tetrachloroethane
Concen: 17.479 ug/l
RT: 11.213 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tgt Ion: 83 Resp: 78404

Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.0	15.0
85	63.2	31.7	95.1

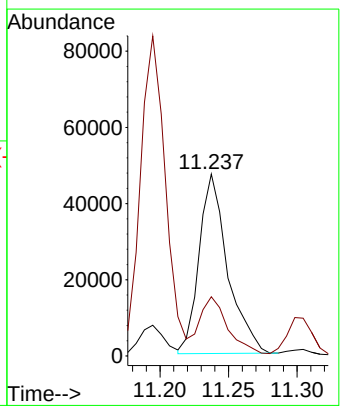


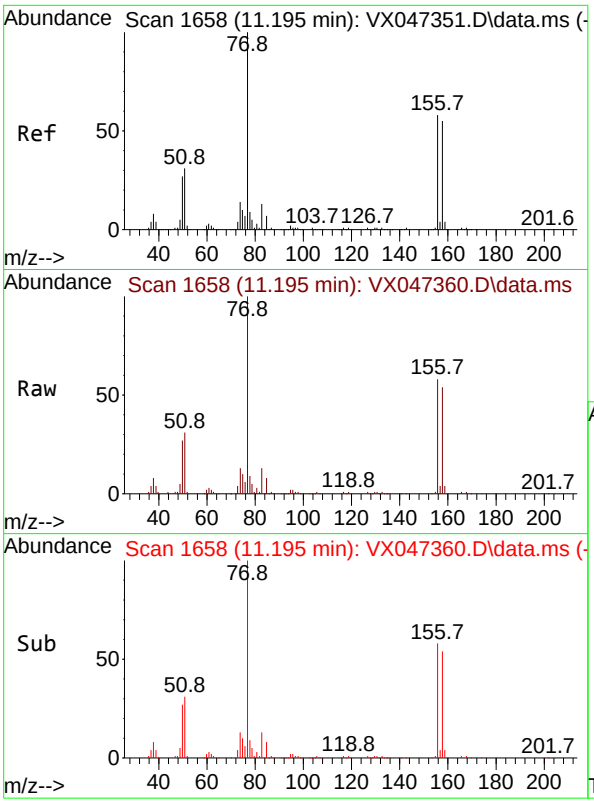


#76
1,2,3-Trichloropropane
Concen: 19.096 ug/l
RT: 11.237 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 75 Resp: 68378

Ion	Ratio	Lower	Upper
75	100		
77	34.1	19.4	58.2



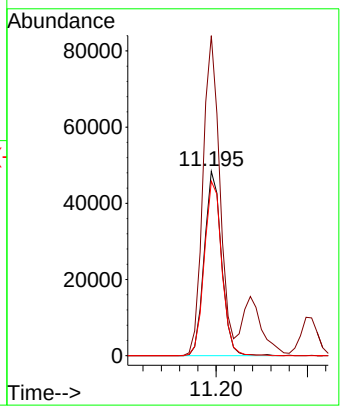


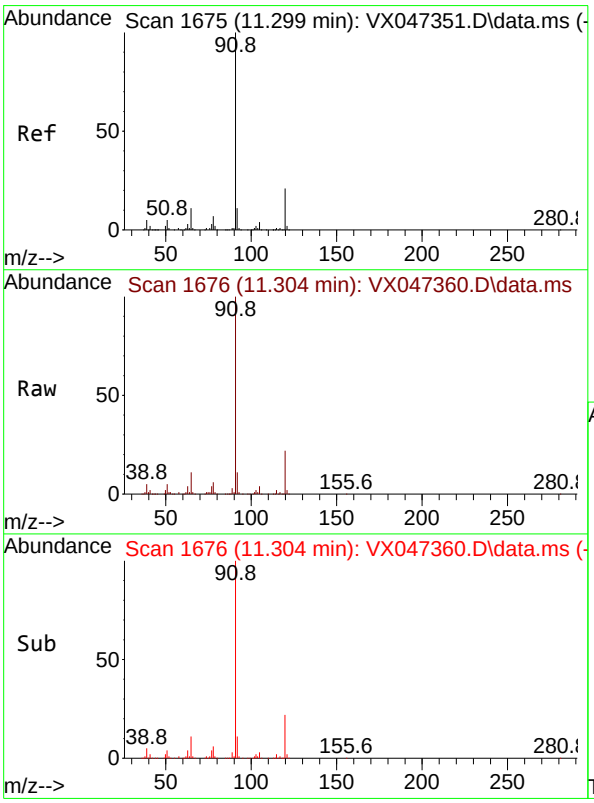
#77
Bromobenzene
Concen: 16.857 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tgt Ion:156 Resp: 62888

Ion	Ratio	Lower	Upper
156	100		
77	170.5	86.3	258.9
158	96.5	48.0	144.2

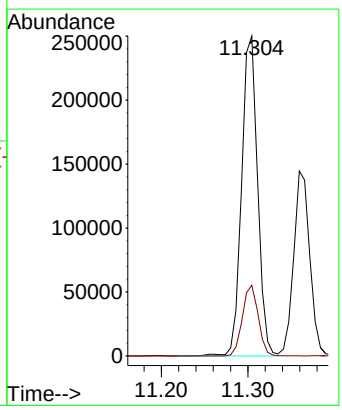


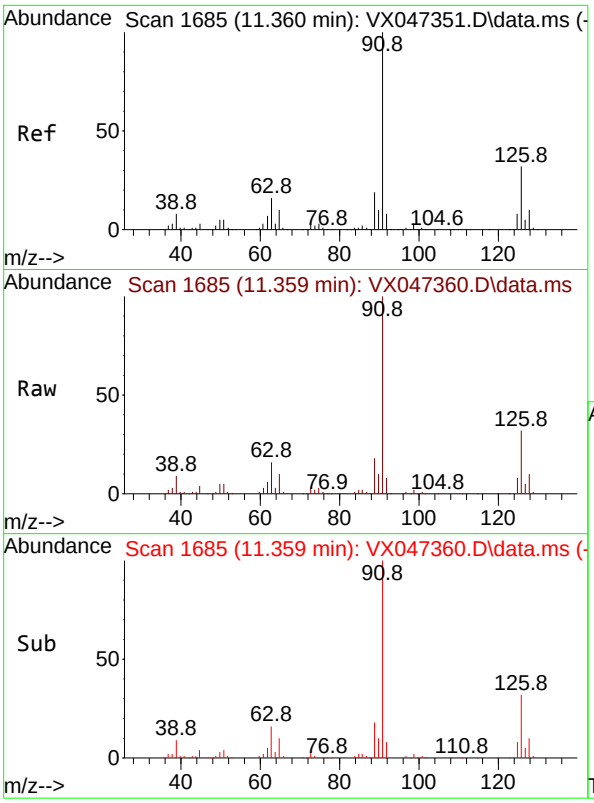


#78
n-propylbenzene
Concen: 17.563 ug/l
RT: 11.304 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 91 Resp: 320464

Ion	Ratio	Lower	Upper
91	100		
120	21.9	11.0	33.0



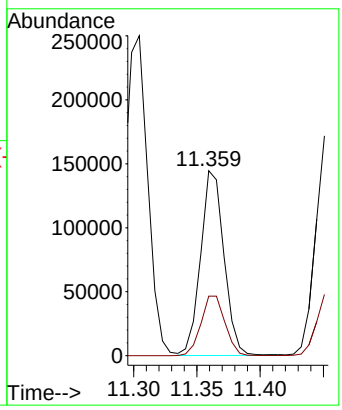


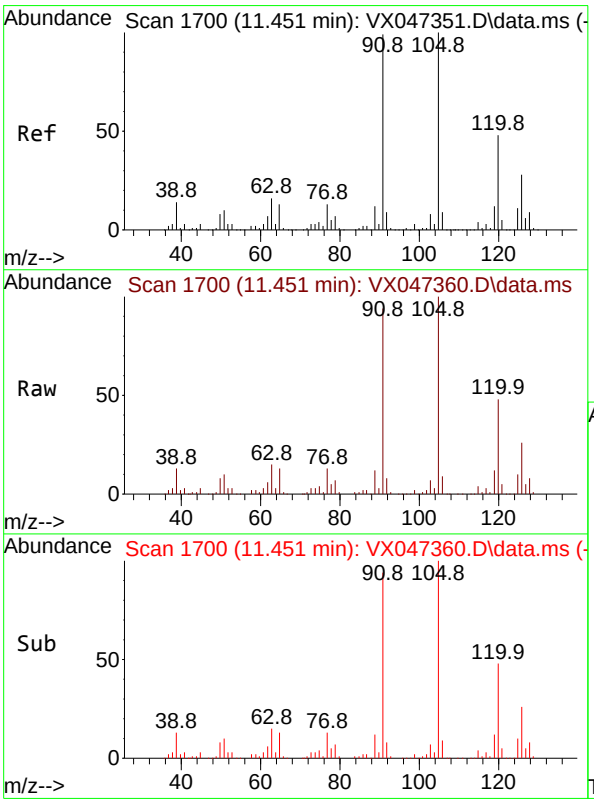
#79
2-Chlorotoluene
Concen: 16.887 ug/l
RT: 11.359 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tgt Ion: 91 Resp: 186268

Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.7	50.1

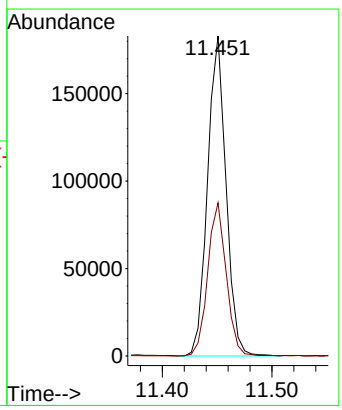


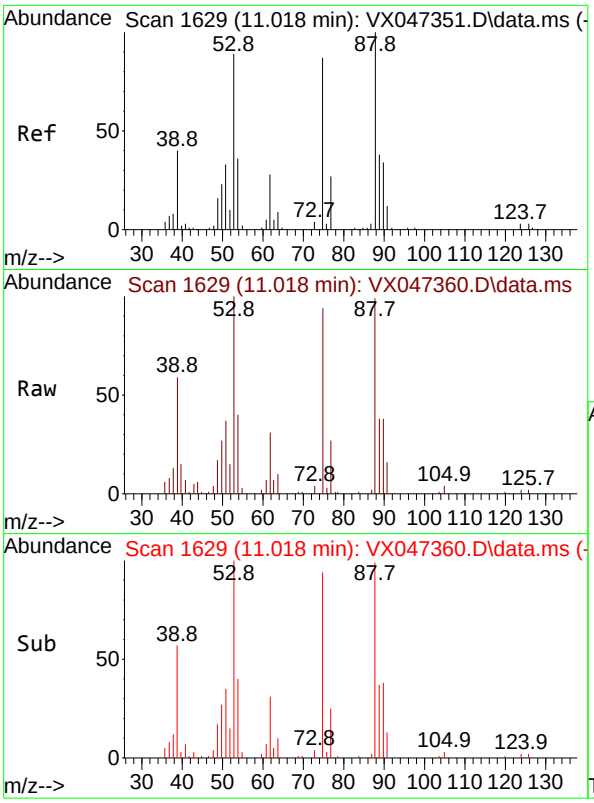


#80
1,3,5-Trimethylbenzene
Concen: 17.014 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion:105 Resp: 213875

Ion	Ratio	Lower	Upper
105	100		
120	48.2	23.9	71.7



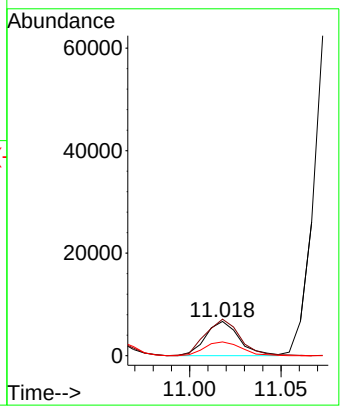


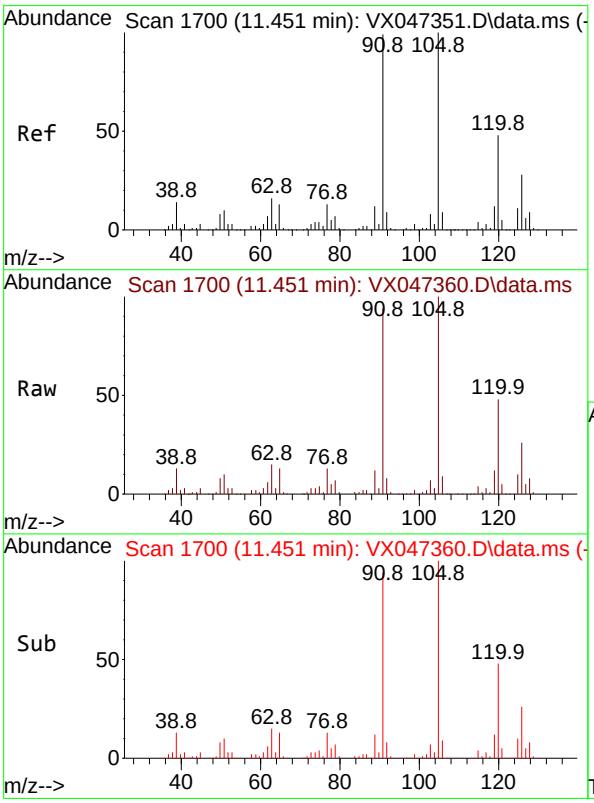
#81
trans-1,4-Dichloro-2-butene
Concen: 16.615 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tgt Ion: 75 Resp: 8554

Ion	Ratio	Lower	Upper
75	100		
53	110.1	85.2	127.8
89	44.0	36.7	55.1

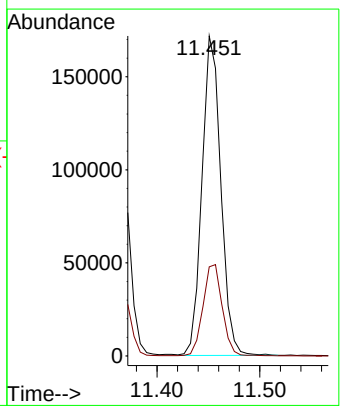


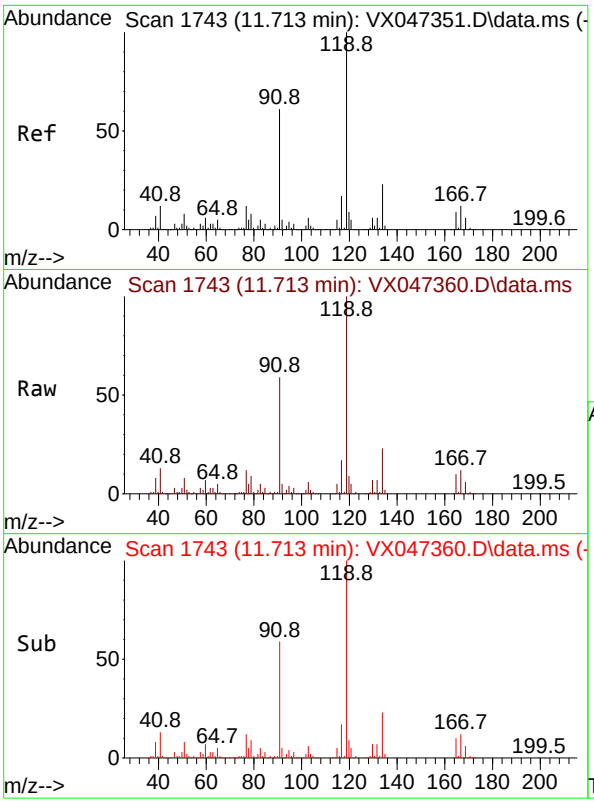


#82
4-Chlorotoluene
Concen: 16.839 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 91 Resp: 218950

Ion	Ratio	Lower	Upper
91	100		
126	29.5	14.4	43.0



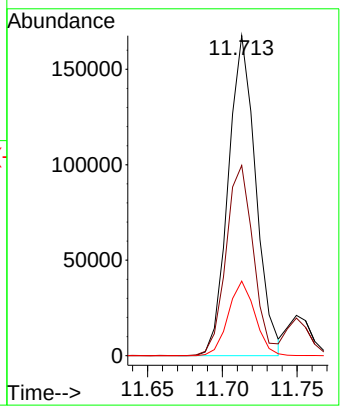


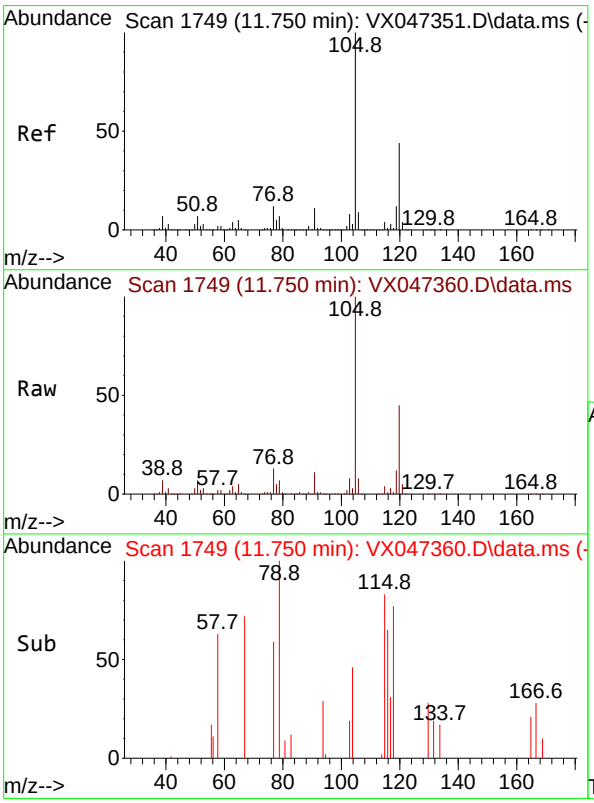
#83
tert-Butylbenzene
Concen: 17.098 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tgt Ion:119 Resp: 214431

Ion	Ratio	Lower	Upper
119	100		
91	59.4	29.1	87.4
134	22.6	11.3	33.9

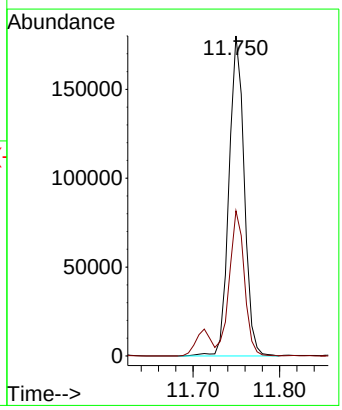


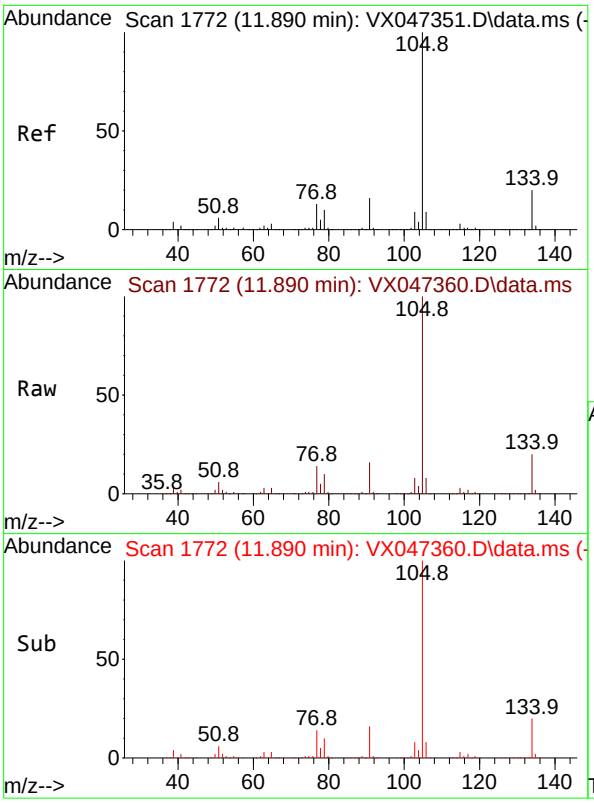


#84
1,2,4-Trimethylbenzene
Concen: 17.479 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion:105 Resp: 219724

Ion	Ratio	Lower	Upper
105	100		
120	44.7	21.9	65.7



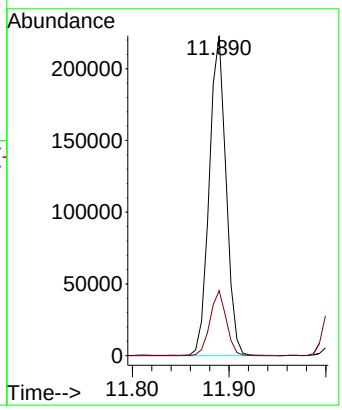


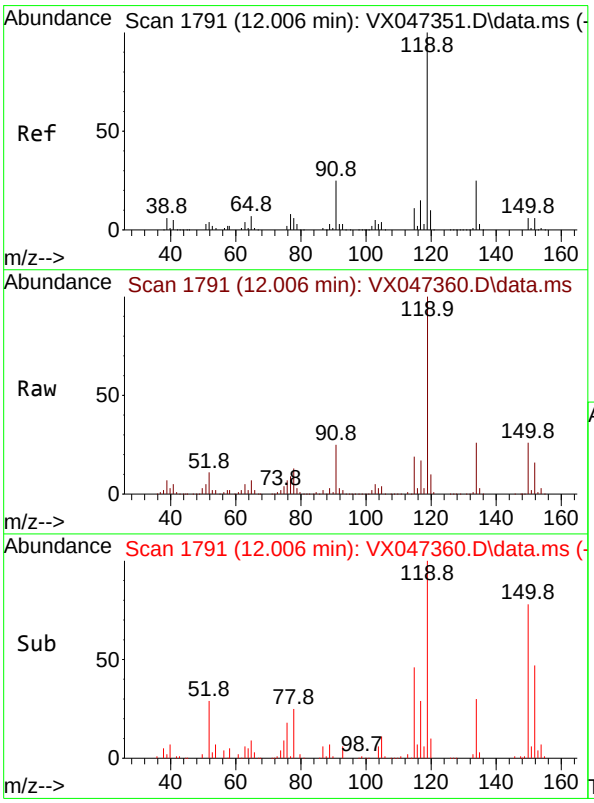
#85
sec-Butylbenzene
Concen: 17.337 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tgt Ion:105 Resp: 269498

Ion	Ratio	Lower	Upper
105	100		
134	19.6	9.8	29.5

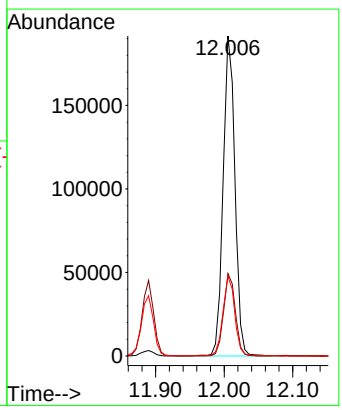


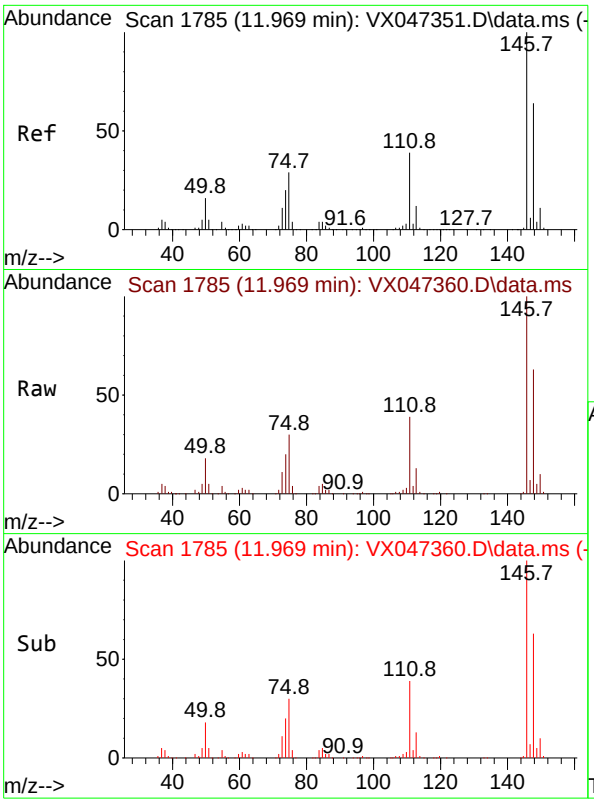


#86
p-Isopropyltoluene
Concen: 17.306 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion:119 Resp: 227642

Ion	Ratio	Lower	Upper
119	100		
134	25.7	12.8	38.4
91	24.9	12.4	37.4



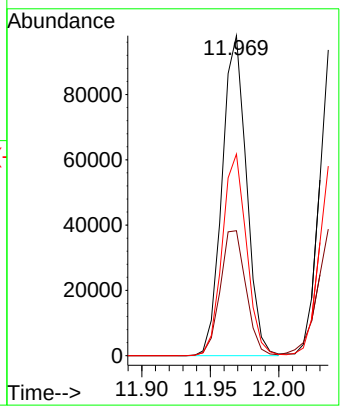


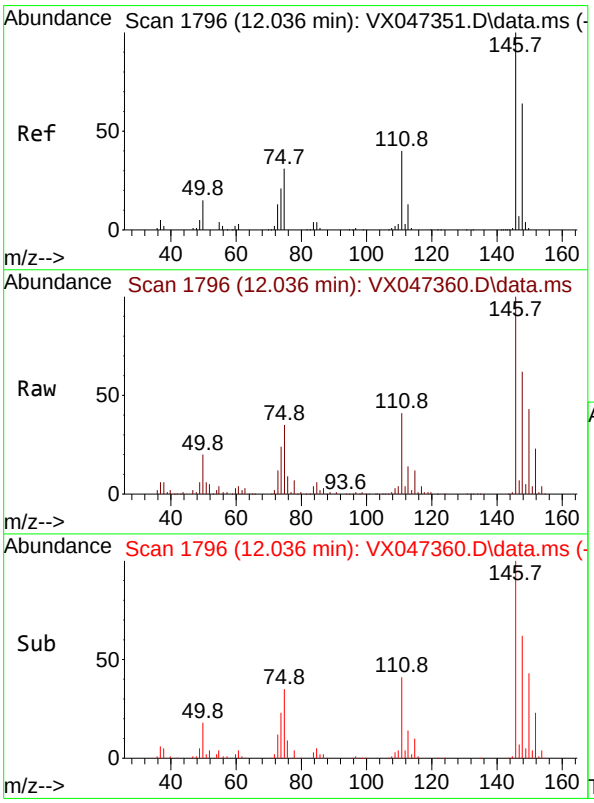
#87
1,3-Dichlorobenzene
Concen: 17.025 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tgt Ion:146 Resp: 121339

Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.6	61.8
148	62.9	31.9	95.5

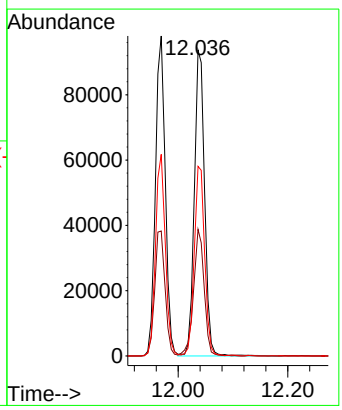


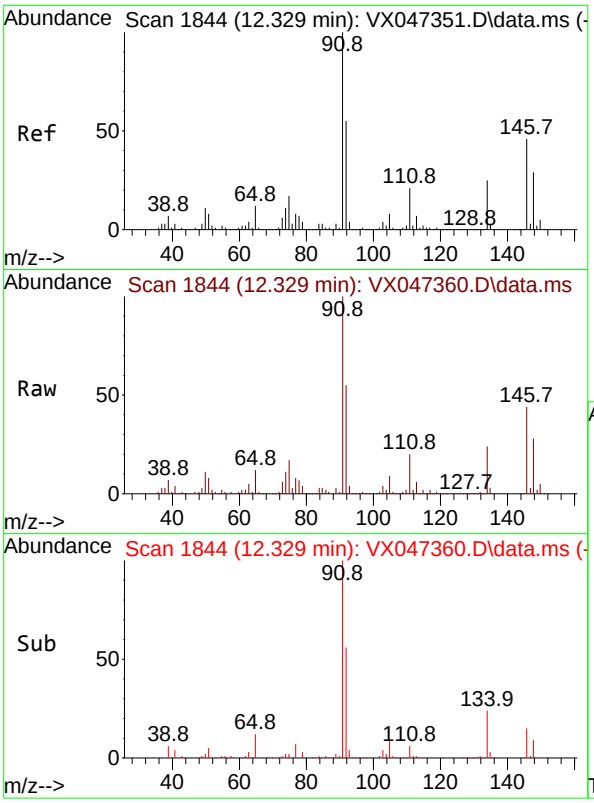


#88
1,4-Dichlorobenzene
Concen: 16.782 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion:146 Resp: 123016

Ion	Ratio	Lower	Upper
146	100		
111	42.7	20.4	61.2
148	62.3	31.7	95.1



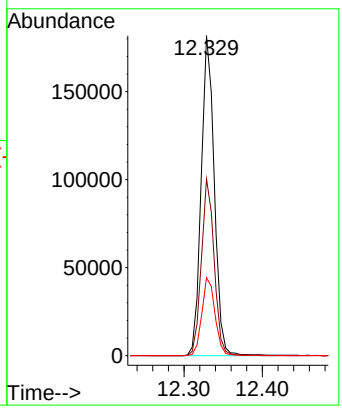


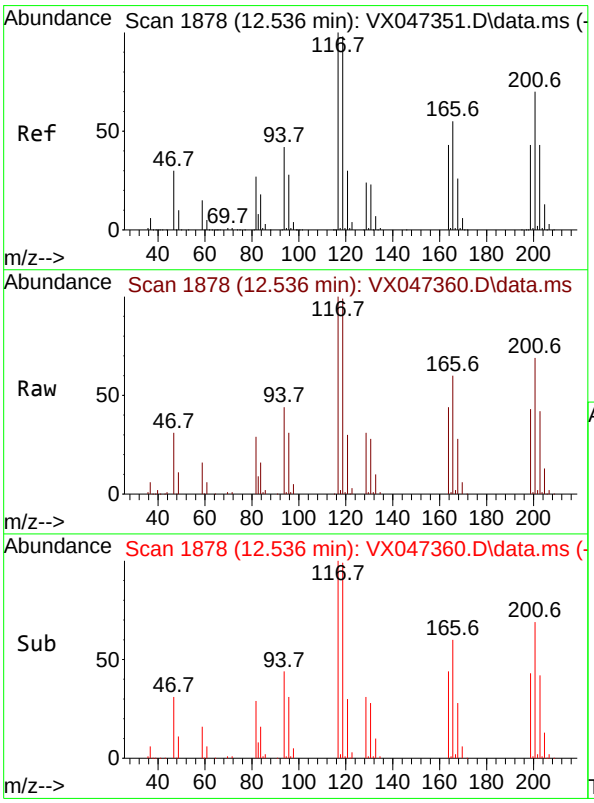
#89
n-Butylbenzene
Concen: 17.256 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tgt Ion: 91 Resp: 211119

Ion	Ratio	Lower	Upper
91	100		
92	54.1	27.2	81.5
134	24.7	12.6	37.8

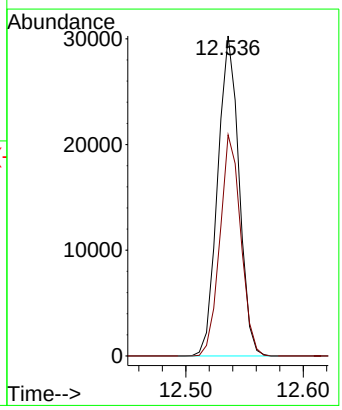


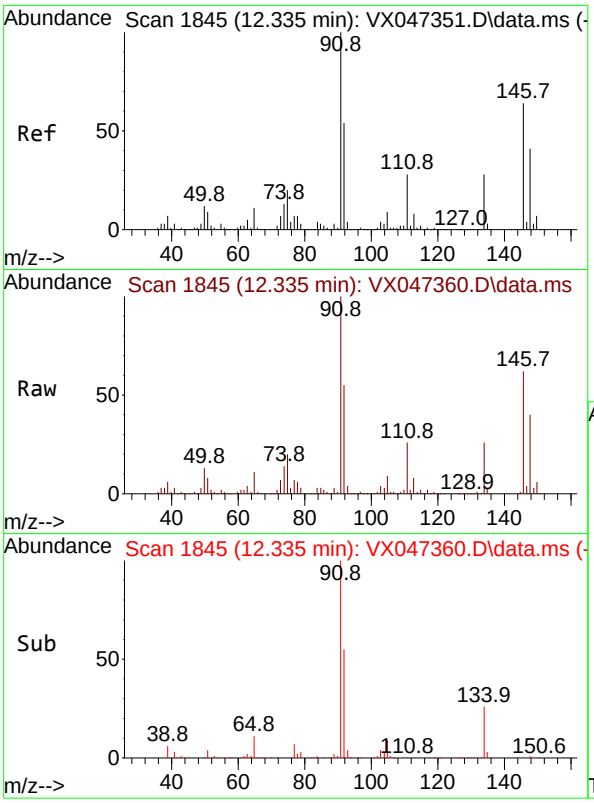


#90
Hexachloroethane
Concen: 16.514 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion:117 Resp: 38107

Ion	Ratio	Lower	Upper
117	100		
201	67.7	35.1	105.3



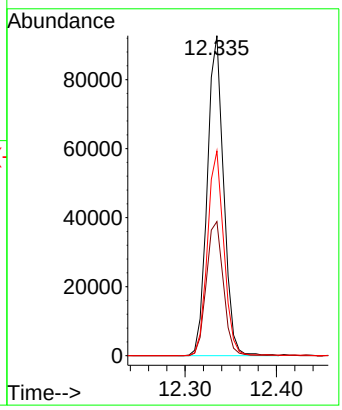


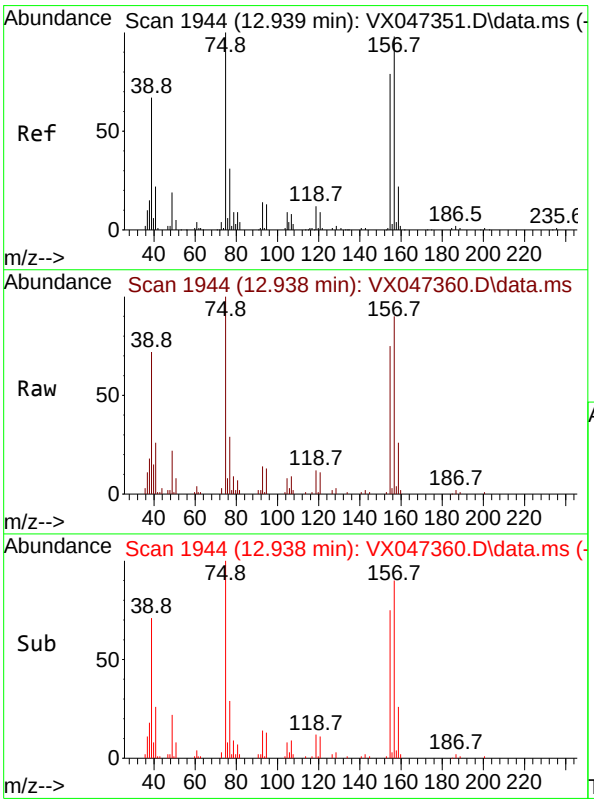
#91
1,2-Dichlorobenzene
Concen: 16.991 ug/l
RT: 12.335 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tgt Ion:146 Resp: 114942

Ion	Ratio	Lower	Upper
146	100		
111	43.5	22.1	66.1
148	64.2	31.9	95.5

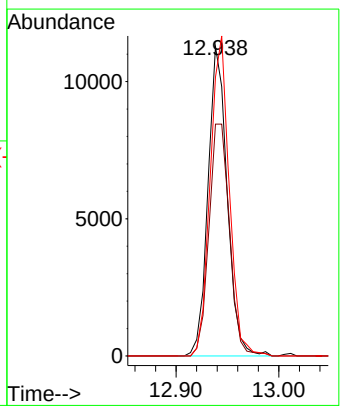


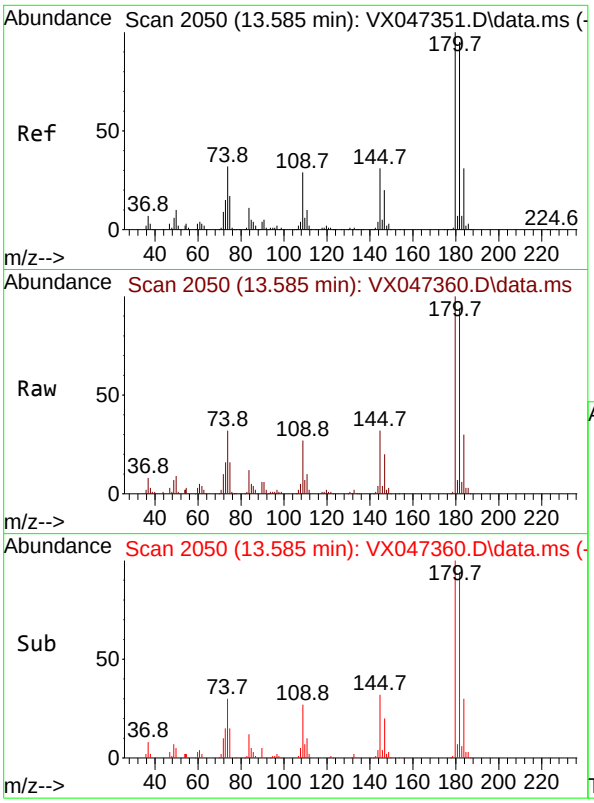


#92
1,2-Dibromo-3-Chloropropane
Concen: 16.877 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion: 75 Resp: 14641

Ion	Ratio	Lower	Upper
75	100		
155	80.4	41.3	123.7
157	102.5	51.5	154.5



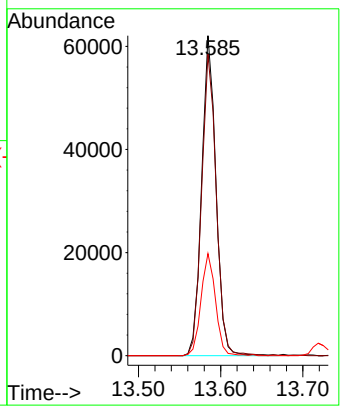


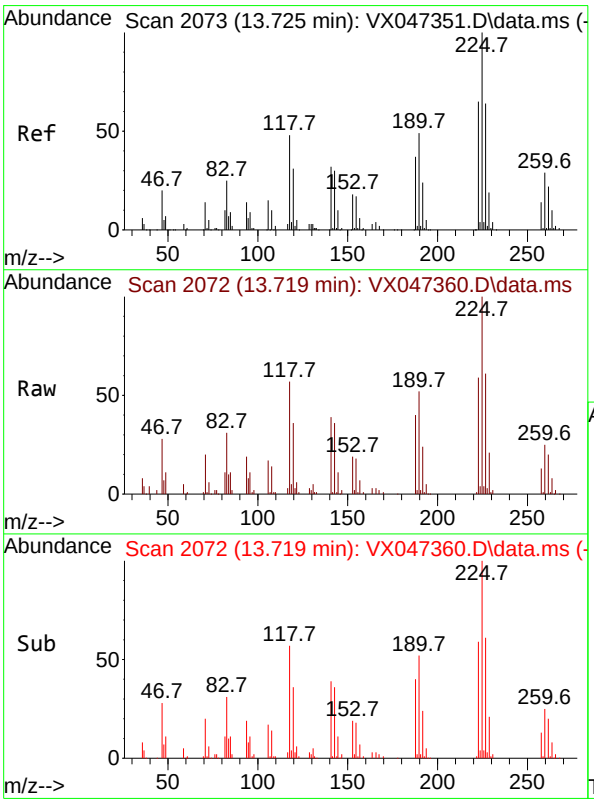
#93
1,2,4-Trichlorobenzene
Concen: 16.533 ug/l
RT: 13.585 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tgt Ion:180 Resp: 74979

Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.1	144.4
145	32.3	16.2	48.5

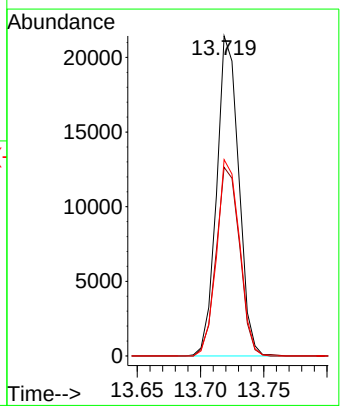


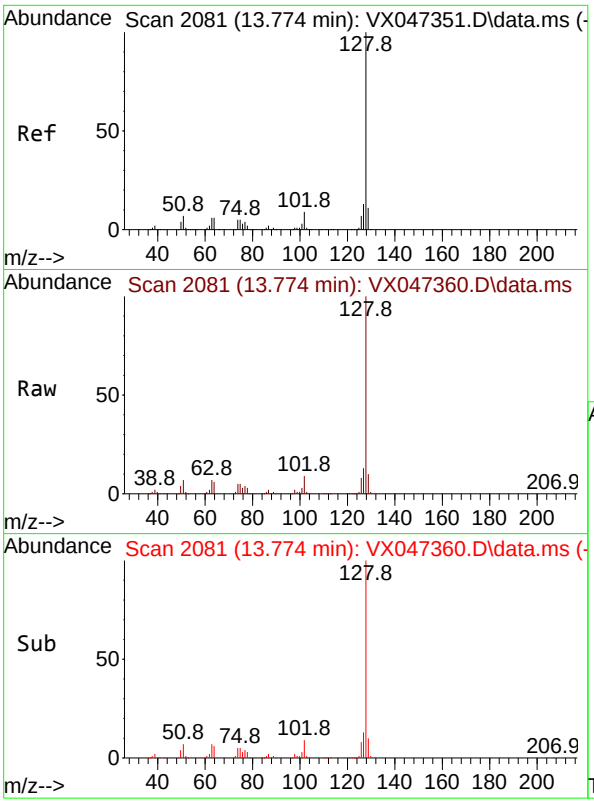


#94
Hexachlorobutadiene
Concen: 16.036 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion:225 Resp: 25887

Ion	Ratio	Lower	Upper
225	100		
223	62.8	32.2	96.6
227	63.7	31.6	95.0



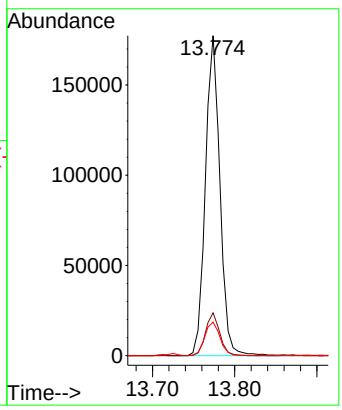


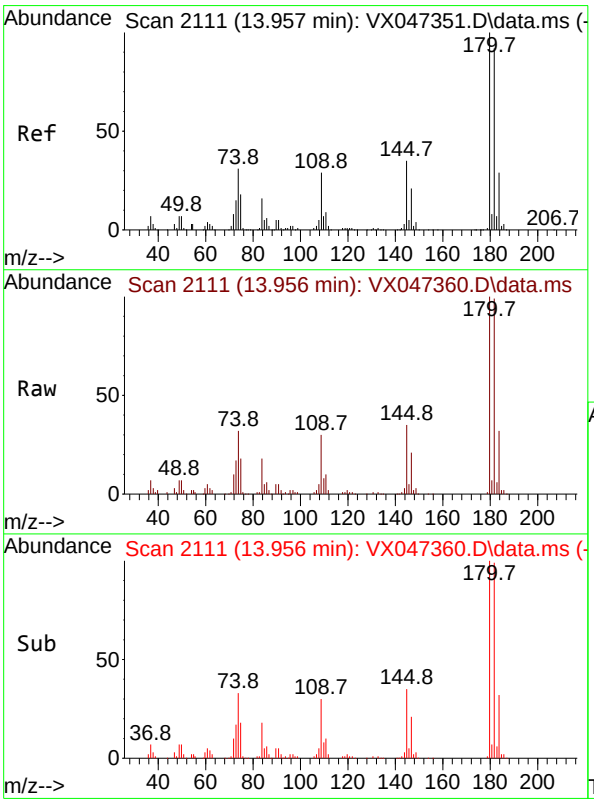
#95
Naphthalene
Concen: 16.766 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tgt Ion:128 Resp: 217286

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.1	15.1
129	11.0	8.7	13.1

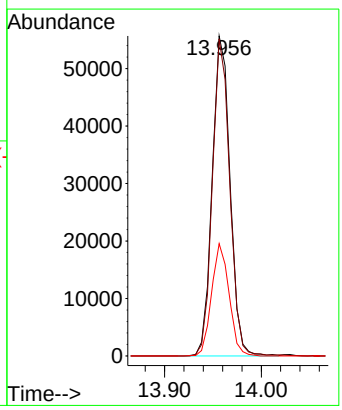




#96
1,2,3-Trichlorobenzene
Concen: 16.681 ug/l
RT: 13.956 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX047360.D
Acq: 15 Aug 2025 14:21

Tgt Ion:180 Resp: 71309

Ion	Ratio	Lower	Upper
180	100		
182	96.5	48.0	144.2
145	34.4	17.4	52.2



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047361.D
Acq On : 15 Aug 2025 14:49
Operator : JC/MD
Sample : VX0815WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Quant Time: Aug 18 04:33:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	232894	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	402024	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	366622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	184649	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	170346	52.263	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.520%			
35) Dibromofluoromethane	5.391	113	131425	50.370	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.740%			
50) Toluene-d8	8.647	98	469487	50.342	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.680%			
62) 4-Bromofluorobenzene	11.079	95	183400	53.292	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.580%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	50888	17.141	ug/l	97
3) Chloromethane	1.313	50	43382	16.243	ug/l	97
4) Vinyl Chloride	1.392	62	55322	16.503	ug/l	98
5) Bromomethane	1.630	94	26040	19.232	ug/l	93
6) Chloroethane	1.709	64	33342	16.256	ug/l	95
7) Trichlorofluoromethane	1.904	101	79701	16.074	ug/l	95
8) Diethyl Ether	2.148	74	30785	17.632	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.349	101	49283	17.134	ug/l	99
10) Methyl Iodide	2.471	142	71790	14.564	ug/l	95
11) Tert butyl alcohol	2.959	59	25808	91.017	ug/l	99
12) 1,1-Dichloroethene	2.337	96	47841	16.315	ug/l	97
13) Acrolein	2.252	56	50572	84.489	ug/l	97
14) Allyl chloride	2.678	41	84146	16.522	ug/l	99
15) Acrylonitrile	3.081	53	126939	92.645	ug/l	96
16) Acetone	2.392	43	111694	91.167	ug/l	97
17) Carbon Disulfide	2.526	76	143749	16.245	ug/l	98
18) Methyl Acetate	2.715	43	57010	17.957	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	160149	17.953	ug/l	98
20) Methylene Chloride	2.800	84	57211	17.635	ug/l	93
21) trans-1,2-Dichloroethene	3.105	96	52038	16.720	ug/l	97
22) Diisopropyl ether	3.770	45	182635	18.141	ug/l	93
23) Vinyl Acetate	3.733	43	752562	91.201	ug/l	100
24) 1,1-Dichloroethane	3.617	63	98191	17.256	ug/l	100
25) 2-Butanone	4.568	43	148012	92.245	ug/l	99
26) 2,2-Dichloropropane	4.489	77	73104	17.021	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	61348	16.924	ug/l	99
28) Bromochloromethane	4.910	49	50696	21.410	ug/l	100
29) Tetrahydrofuran	5.025	42	91375	88.107	ug/l	99
30) Chloroform	5.105	83	103480	17.819	ug/l	98
31) Cyclohexane	5.483	56	86855	16.558	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	85964	17.198	ug/l	98
36) 1,1-Dichloropropene	5.702	75	67131	16.299	ug/l	99
37) Ethyl Acetate	4.721	43	70470	16.481	ug/l	99
38) Carbon Tetrachloride	5.690	117	74361	16.521	ug/l	95
39) Methylcyclohexane	7.385	83	85698	16.681	ug/l	96
40) Benzene	6.050	78	213392	17.309	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047361.D
Acq On : 15 Aug 2025 14:49
Operator : JC/MD
Sample : VX0815WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Quant Time: Aug 18 04:33:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.934	41	32317	17.923	ug/l		96
42) 1,2-Dichloroethane	6.092	62	77618	17.775	ug/l		99
43) Isopropyl Acetate	6.348	43	110904	18.054	ug/l		99
44) Trichloroethene	7.129	130	52402	16.600	ug/l		99
45) 1,2-Dichloropropane	7.434	63	52644	17.045	ug/l		98
46) Dibromomethane	7.580	93	40549	18.084	ug/l		97
47) Bromodichloromethane	7.824	83	81703	17.577	ug/l		94
48) Methyl methacrylate	7.696	41	57122	17.915	ug/l		98
49) 1,4-Dioxane	7.683	88	10283	331.751	ug/l		96
51) 4-Methyl-2-Pentanone	8.574	43	331605	93.809	ug/l		98
52) Toluene	8.720	92	133864	17.572	ug/l		99
53) t-1,3-Dichloropropene	8.982	75	72094	17.771	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	81302	17.705	ug/l		98
55) 1,1,2-Trichloroethane	9.153	97	52500	18.151	ug/l		99
56) Ethyl methacrylate	9.116	69	74839	17.550	ug/l		97
57) 1,3-Dichloropropane	9.305	76	90084	18.278	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.244	63	170482	89.279	ug/l		99
59) 2-Hexanone	9.433	43	229960	94.047	ug/l		98
60) Dibromochloromethane	9.518	129	59757	17.385	ug/l		100
61) 1,2-Dibromoethane	9.610	107	53226	17.846	ug/l		98
64) Tetrachloroethene	9.275	164	44808	16.897	ug/l		98
65) Chlorobenzene	10.079	112	149103	17.114	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	50188	17.041	ug/l		99
67) Ethyl Benzene	10.195	91	254295	16.958	ug/l		100
68) m/p-Xylenes	10.299	106	193092	34.534	ug/l		98
69) o-Xylene	10.640	106	92460	17.183	ug/l		99
70) Styrene	10.652	104	159574	17.552	ug/l		99
71) Bromoform	10.799	173	38932	17.596	ug/l	#	100
73) Isopropylbenzene	10.963	105	243208	16.831	ug/l		99
74) N-amyl acetate	10.841	43	96485	17.584	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	76661	18.070	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	67965	20.068	ug/l		93
77) Bromobenzene	11.195	156	61015	17.292	ug/l		99
78) n-propylbenzene	11.299	91	294205	17.048	ug/l		99
79) 2-Chlorotoluene	11.360	91	178579	17.118	ug/l		98
80) 1,3,5-Trimethylbenzene	11.451	105	207123	17.421	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	8143	16.672	ug/l		87
82) 4-Chlorotoluene	11.451	91	211939	17.234	ug/l		100
83) tert-Butylbenzene	11.713	119	206952	17.448	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	207859	17.483	ug/l		99
85) sec-Butylbenzene	11.890	105	255532	17.381	ug/l		99
86) p-Isopropyltoluene	12.006	119	214649	17.254	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	115154	17.083	ug/l		98
88) 1,4-Dichlorobenzene	12.036	146	118203	17.050	ug/l		99
89) n-Butylbenzene	12.329	91	200086	17.292	ug/l		98
90) Hexachloroethane	12.536	117	35990	16.490	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	111022	17.352	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	14353	17.494	ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	73944	17.239	ug/l		96
94) Hexachlorobutadiene	13.719	225	25418	16.648	ug/l		98
95) Naphthalene	13.774	128	215065	17.545	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	69392	17.163	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047361.D
Acq On : 15 Aug 2025 14:49
Operator : JC/MD
Sample : VX0815WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Quant Time: Aug 18 04:33:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

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

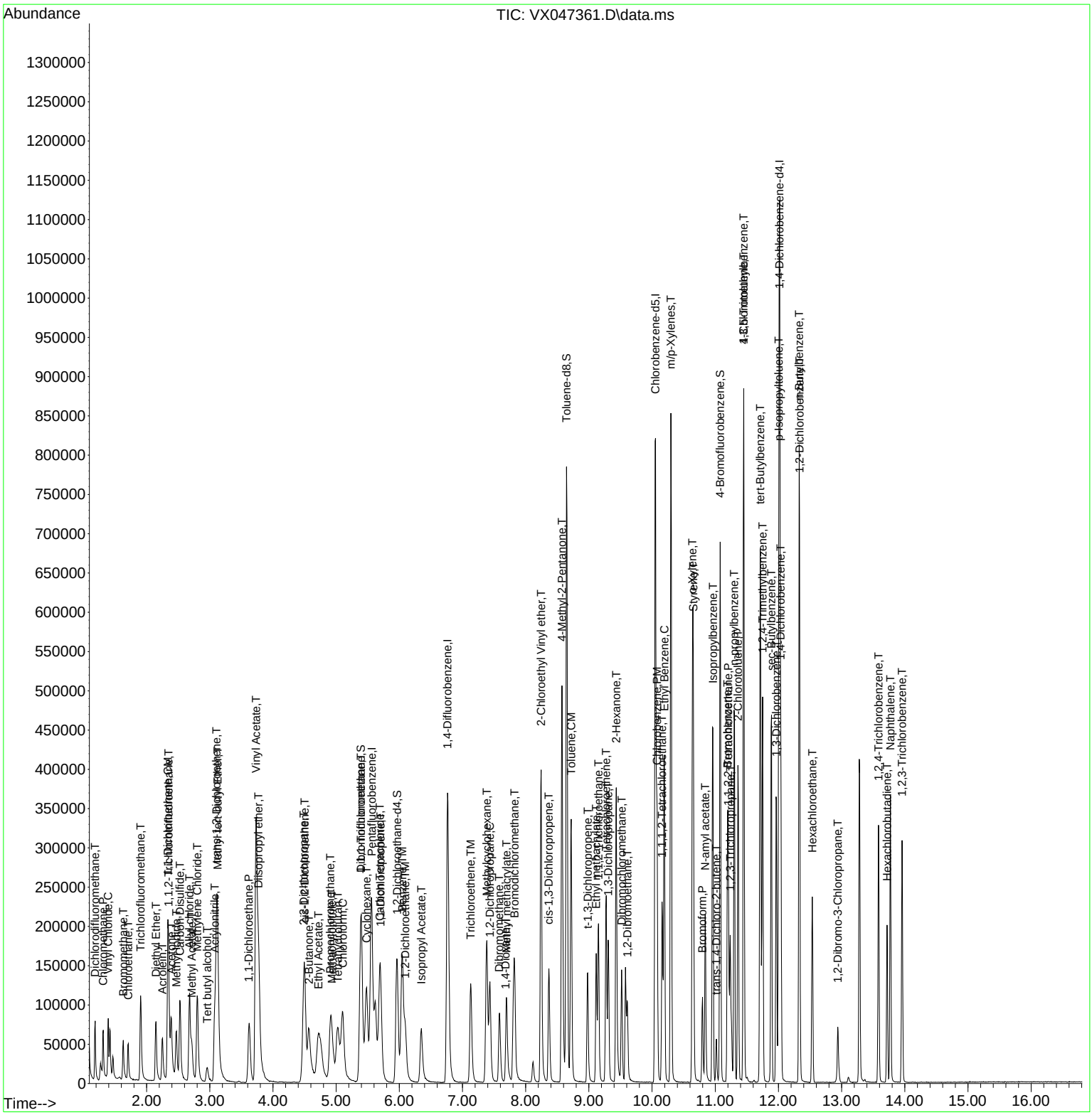
(#) = qualifier out of range (m) = manual integration (+) = signals summed

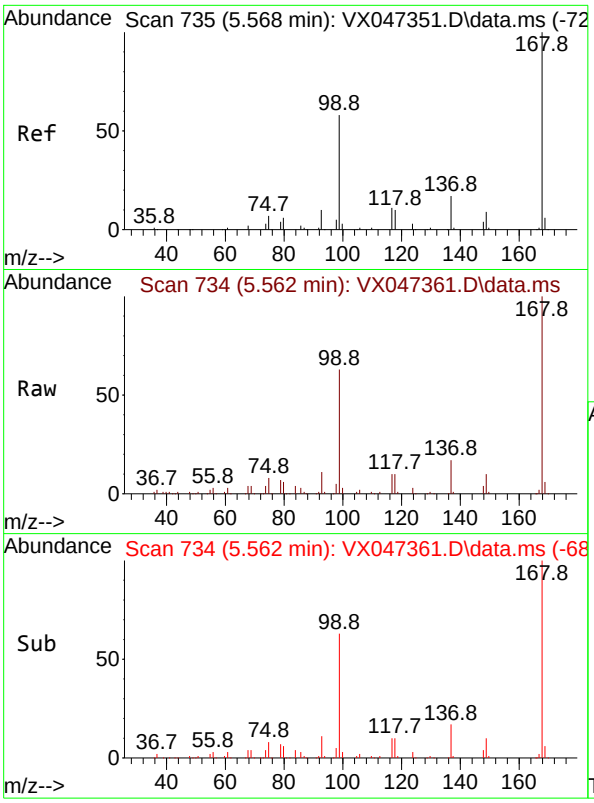
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047361.D
Acq On : 15 Aug 2025 14:49
Operator : JC/MD
Sample : VX0815WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Quant Time: Aug 18 04:33:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration



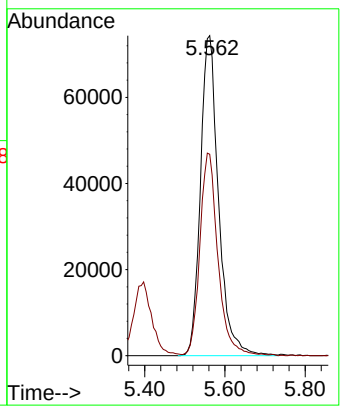


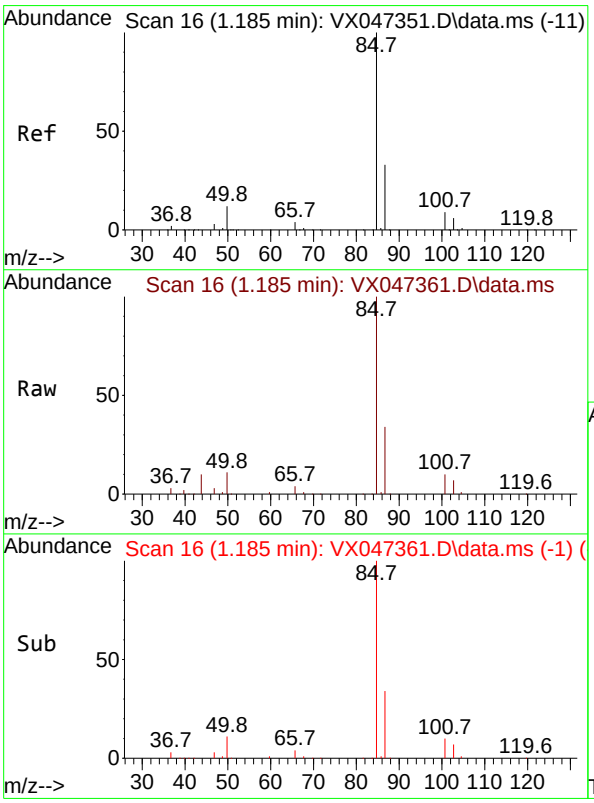
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Tgt Ion:168 Resp: 232894

Ion	Ratio	Lower	Upper
168	100		
99	63.0	47.9	71.9

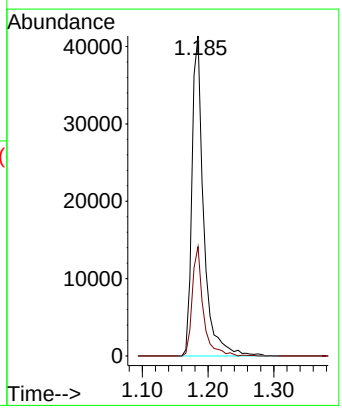


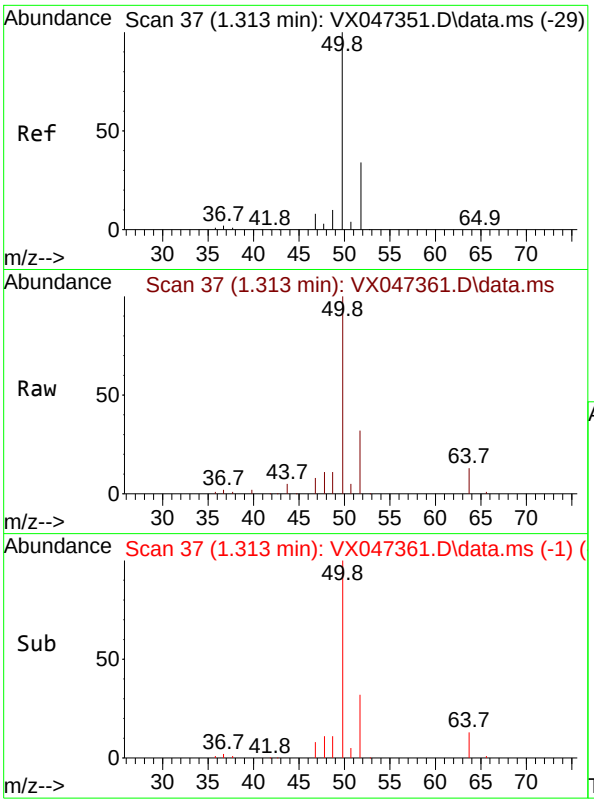


#2
Dichlorodifluoromethane
Concen: 17.141 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 85 Resp: 50888

Ion	Ratio	Lower	Upper
85	100		
87	34.2	16.4	49.1



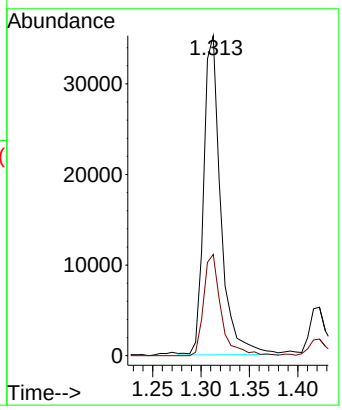


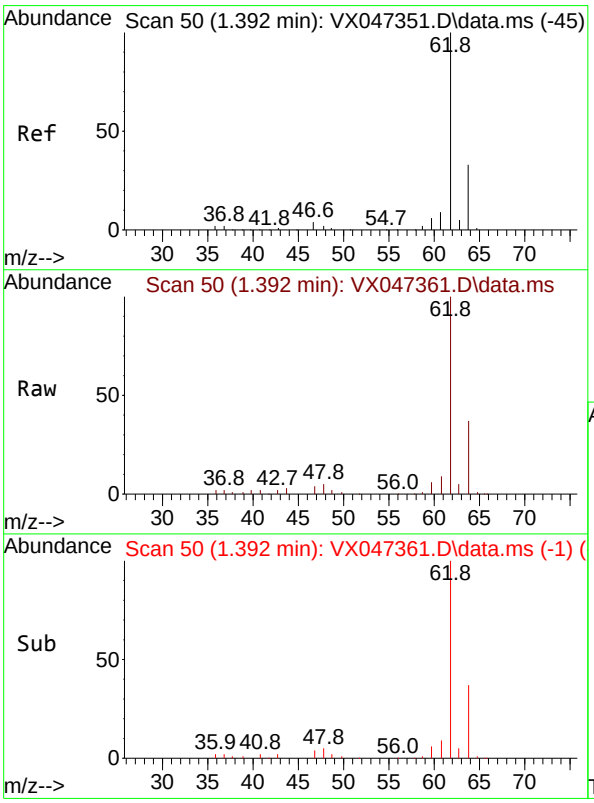
#3
Chloromethane
Concen: 16.243 ug/l
RT: 1.313 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Tgt Ion: 50 Resp: 43382

Ion	Ratio	Lower	Upper
50	100		
52	31.9	27.0	40.4

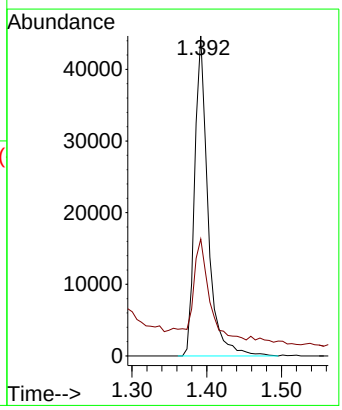


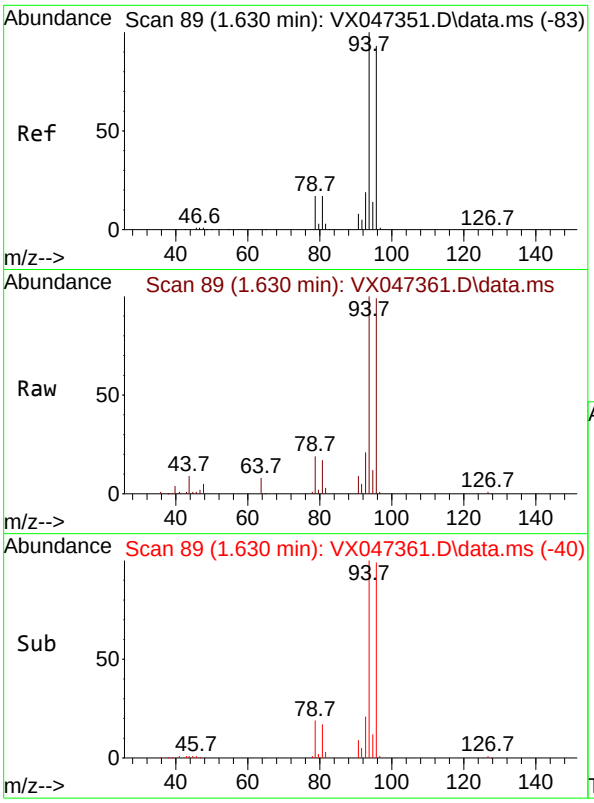


#4
Vinyl Chloride
Concen: 16.503 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 62 Resp: 55322

Ion	Ratio	Lower	Upper
62	100		
64	31.9	26.5	39.7



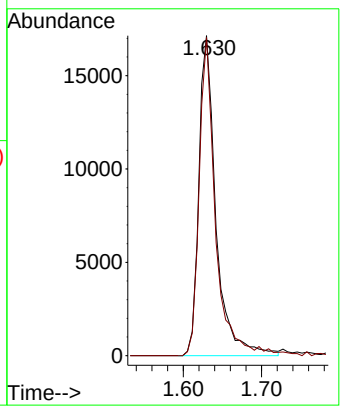


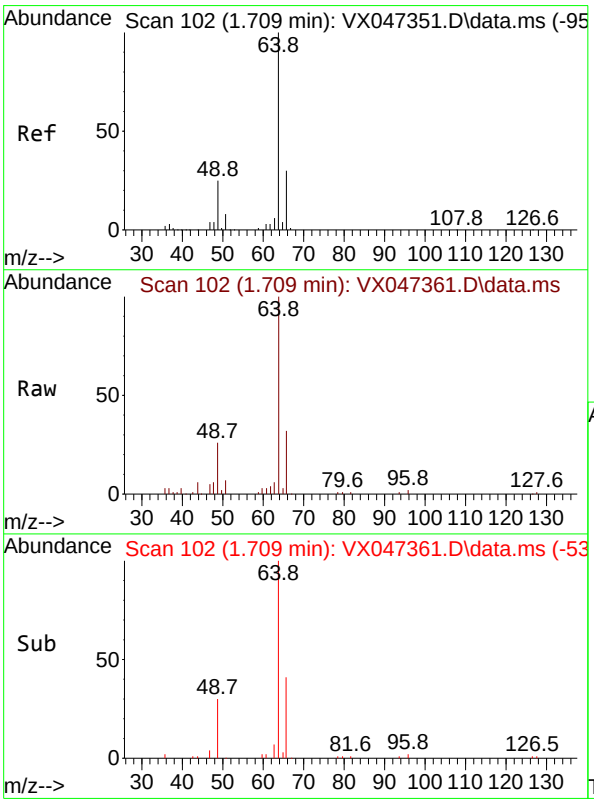
#5
Bromomethane
Concen: 19.232 ug/l
RT: 1.630 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Tgt Ion: 94 Resp: 26040

Ion	Ratio	Lower	Upper
94	100		
96	100.2	74.7	112.1

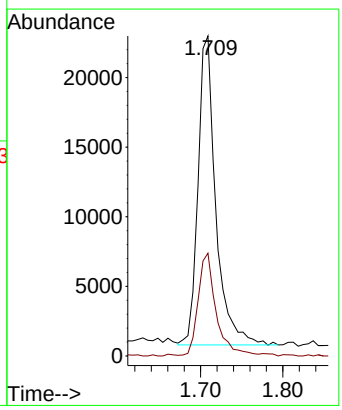


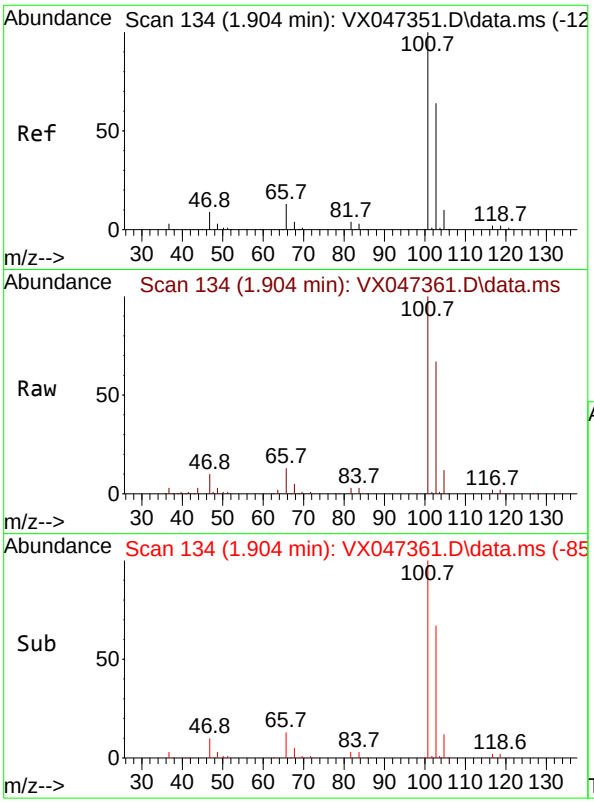


#6
Chloroethane
Concen: 16.256 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 64 Resp: 33342

Ion	Ratio	Lower	Upper
64	100		
66	33.3	24.4	36.6



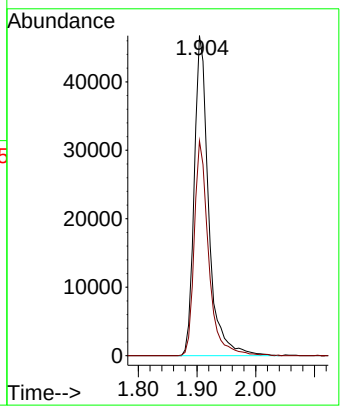


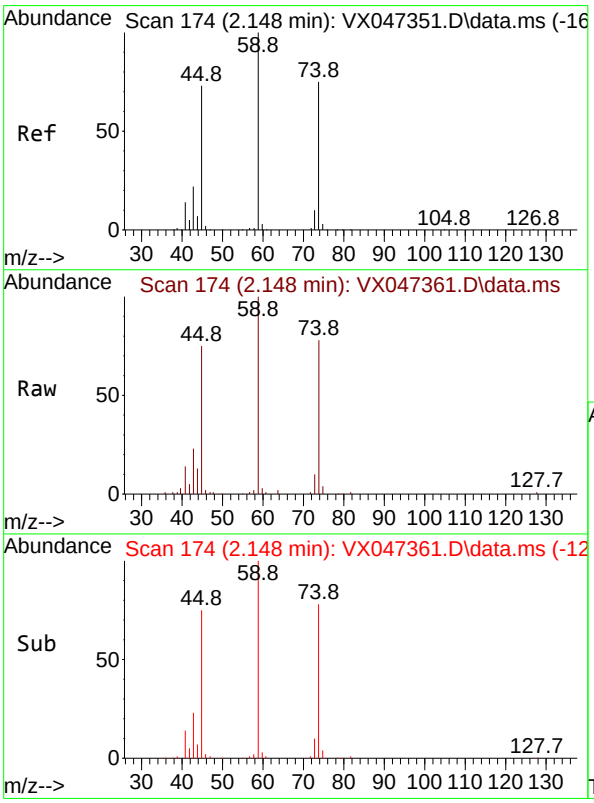
#7
Trichlorofluoromethane
Concen: 16.074 ug/l
RT: 1.904 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Tgt Ion:101 Resp: 79701

Ion	Ratio	Lower	Upper
101	100		
103	67.1	50.9	76.3

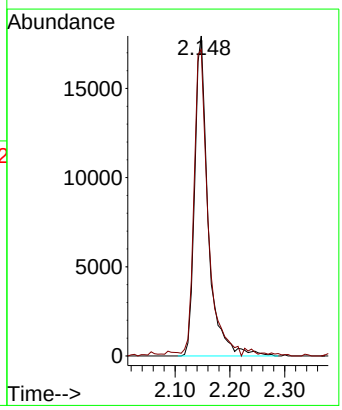


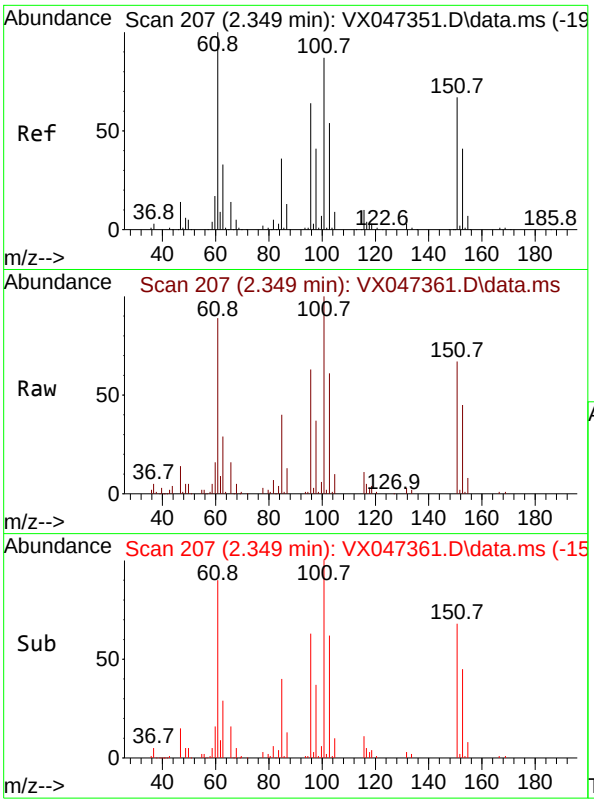


#8
Diethyl Ether
Concen: 17.632 ug/l
RT: 2.148 min Scan# 174
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 74 Resp: 30785

Ion	Ratio	Lower	Upper
74	100		
45	100.2	51.3	154.0



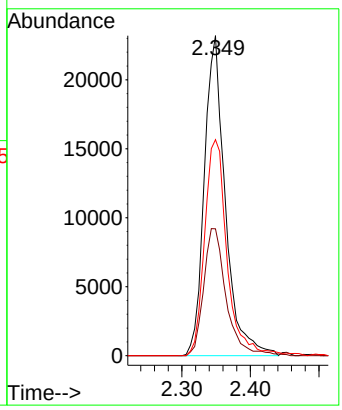


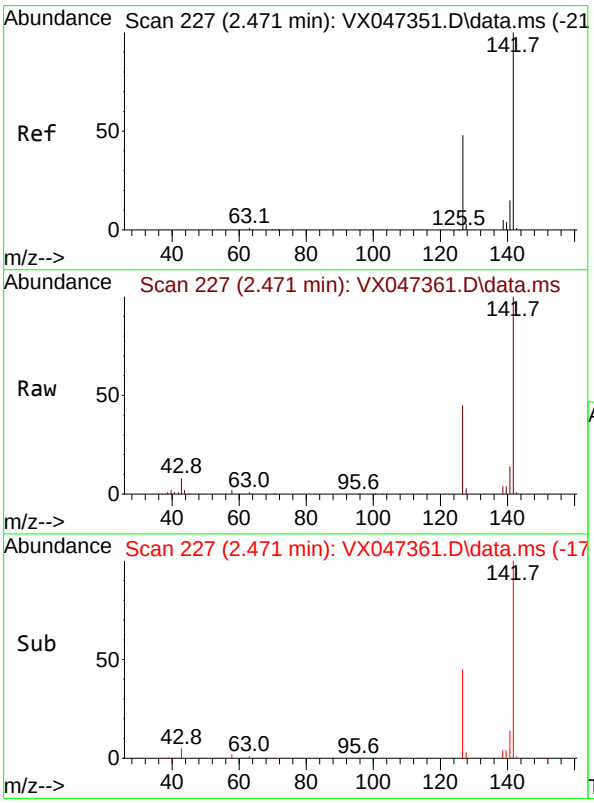
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.134 ug/l
RT: 2.349 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Tgt Ion:101 Resp: 49283

Ion	Ratio	Lower	Upper
101	100		
85	42.7	34.3	51.5
151	72.6	59.2	88.8

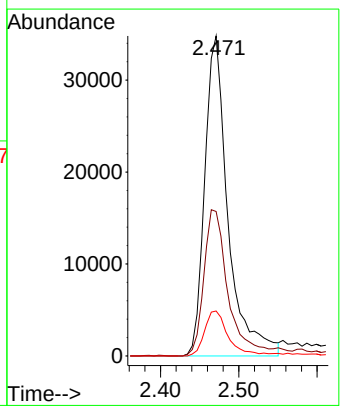


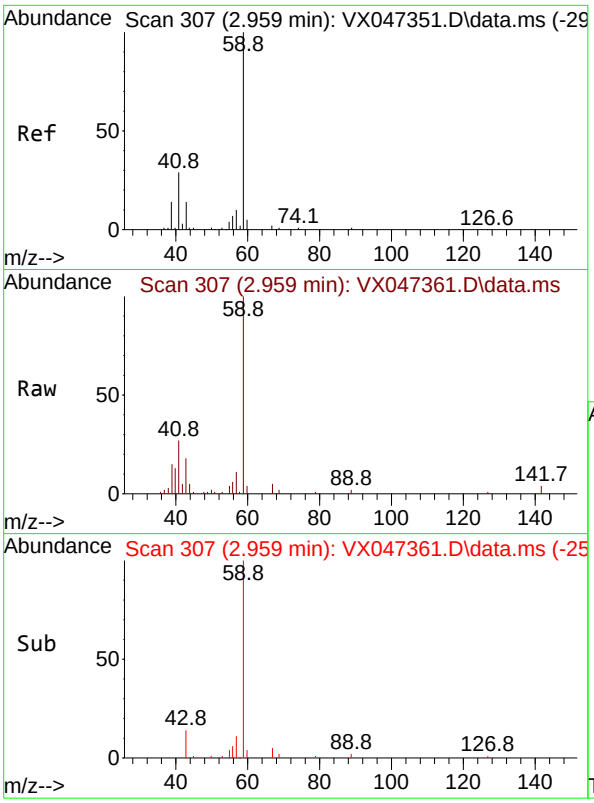


#10
Methyl Iodide
Concen: 14.564 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion:142 Resp: 71790

Ion	Ratio	Lower	Upper
142	100		
127	49.0	36.1	54.1
141	14.7	11.1	16.7



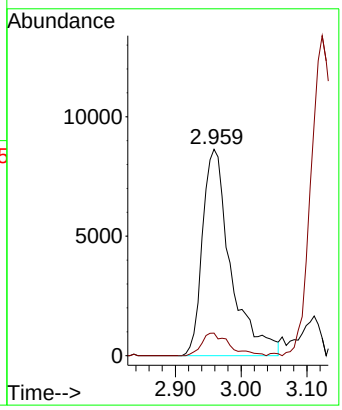


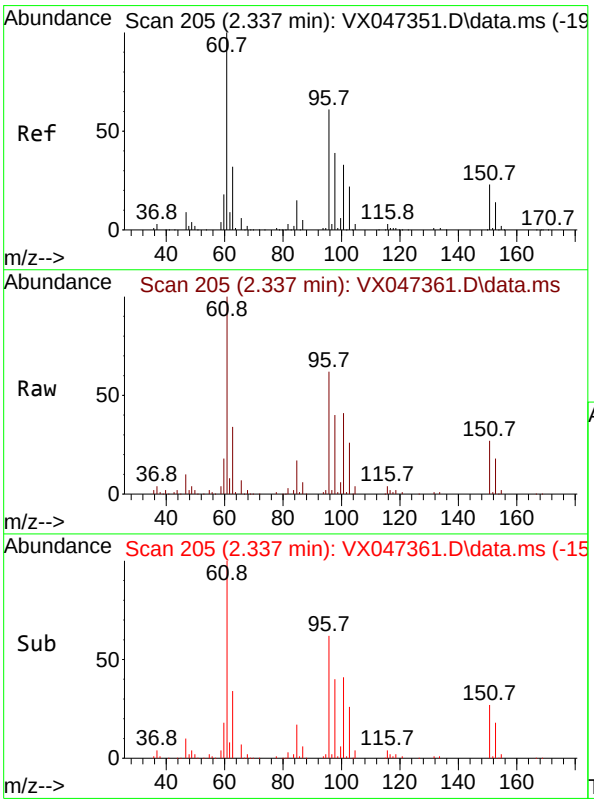
#11
Tert butyl alcohol
Concen: 91.017 ug/l
RT: 2.959 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Tgt Ion: 59 Resp: 25808

Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.3	12.5

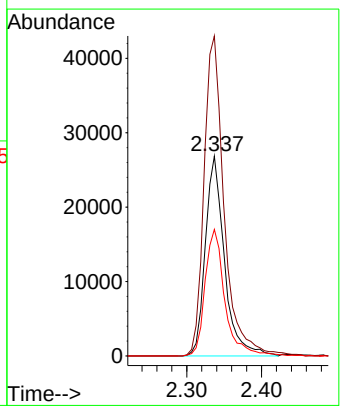


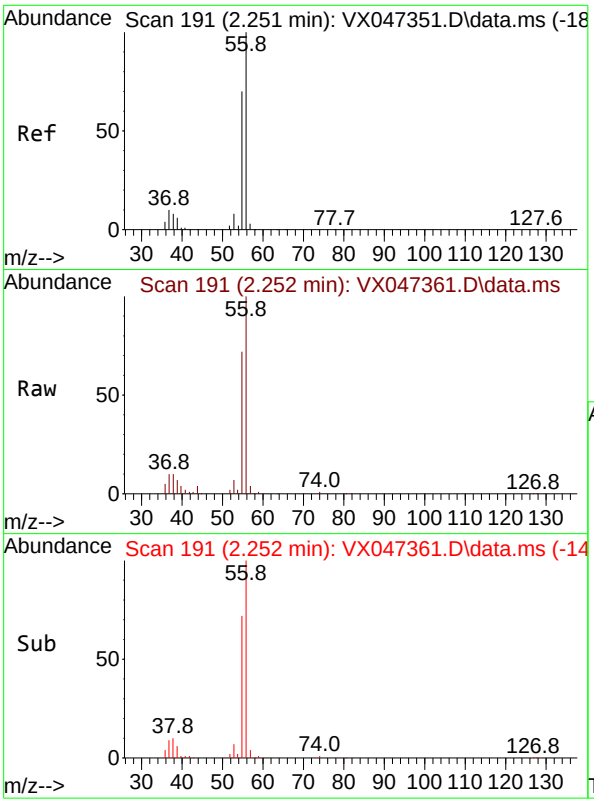


#12
1,1-Dichloroethene
Concen: 16.315 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 96 Resp: 47841

Ion	Ratio	Lower	Upper
96	100		
61	160.1	132.2	198.2
98	63.3	51.2	76.8



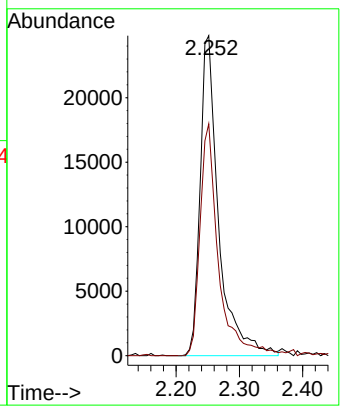


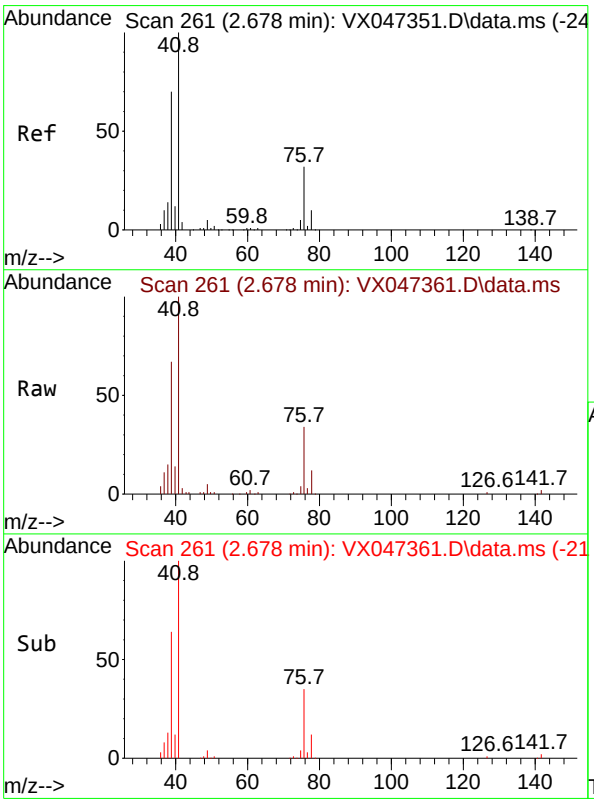
#13
Acrolein
Concen: 84.489 ug/l
RT: 2.252 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Tgt Ion: 56 Resp: 50572

Ion	Ratio	Lower	Upper
56	100		
55	72.2	55.5	83.3

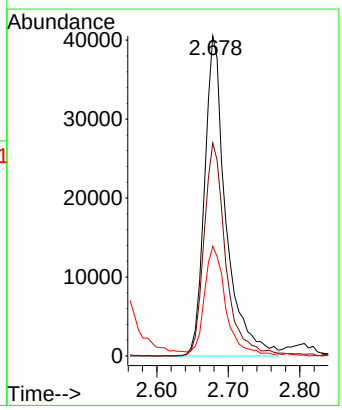


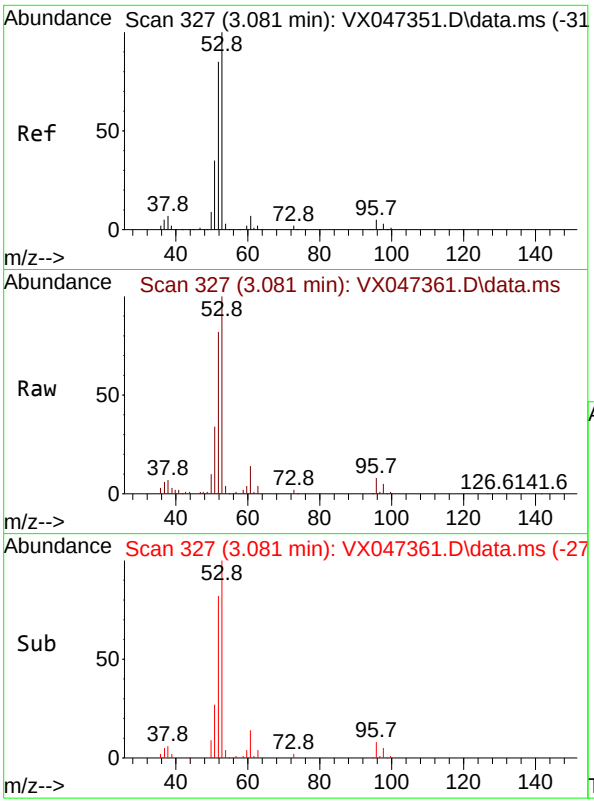


#14
Allyl chloride
Concen: 16.522 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 41 Resp: 84146

Ion	Ratio	Lower	Upper
41	100		
39	68.5	54.6	81.8
76	33.3	27.6	41.4



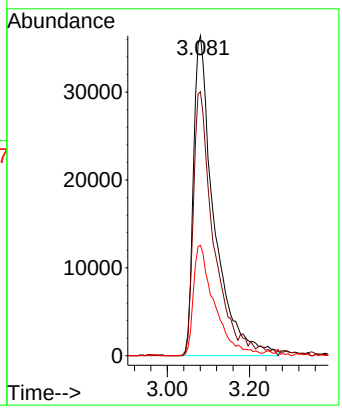


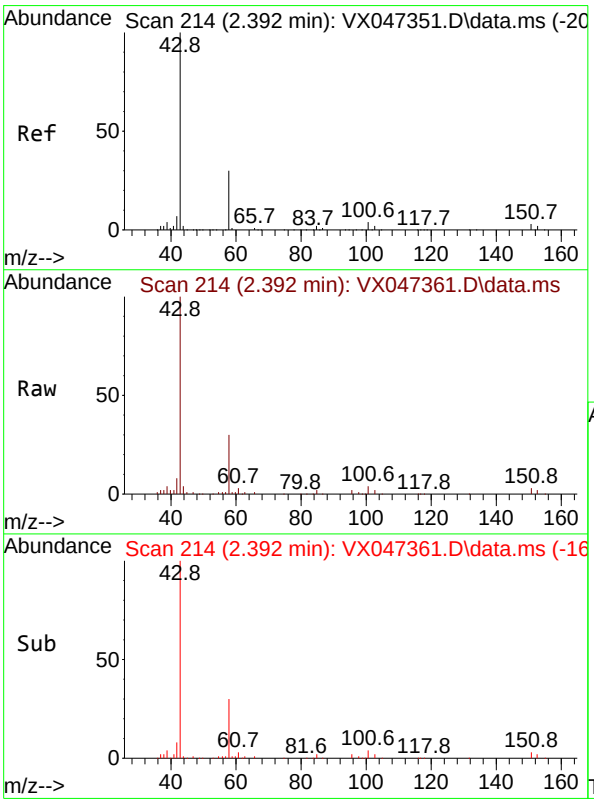
#15
Acrylonitrile
Concen: 92.645 ug/l
RT: 3.081 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Tgt Ion: 53 Resp: 126939

Ion	Ratio	Lower	Upper
53	100		
52	77.1	65.8	98.6
51	35.3	28.2	42.2

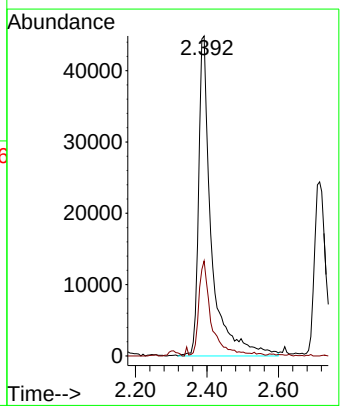


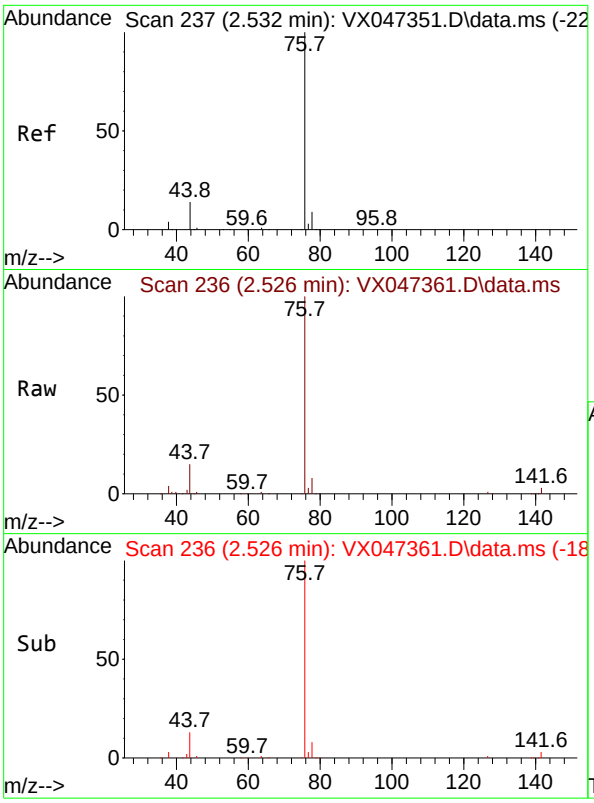


#16
Acetone
Concen: 91.167 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 43 Resp: 111694

Ion	Ratio	Lower	Upper
43	100		
58	29.2	24.8	37.2



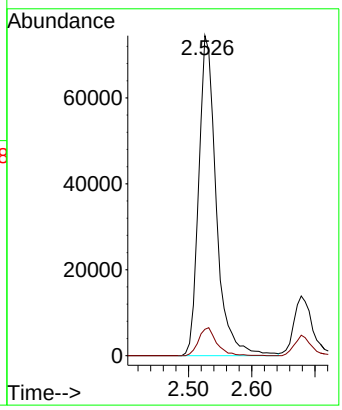


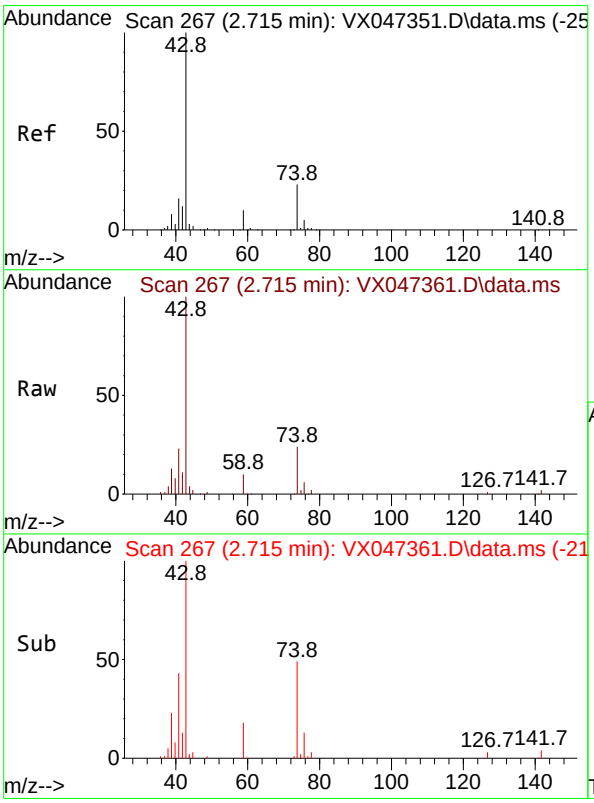
#17
Carbon Disulfide
Concen: 16.245 ug/l
RT: 2.526 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Tgt Ion: 76 Resp: 143749

Ion	Ratio	Lower	Upper
76	100		
78	8.3	7.2	10.8

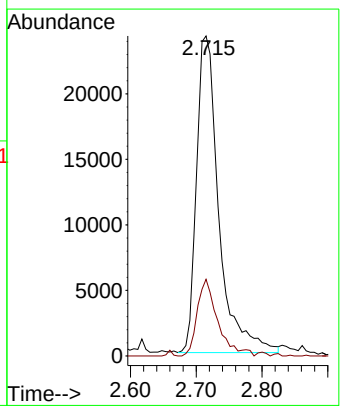


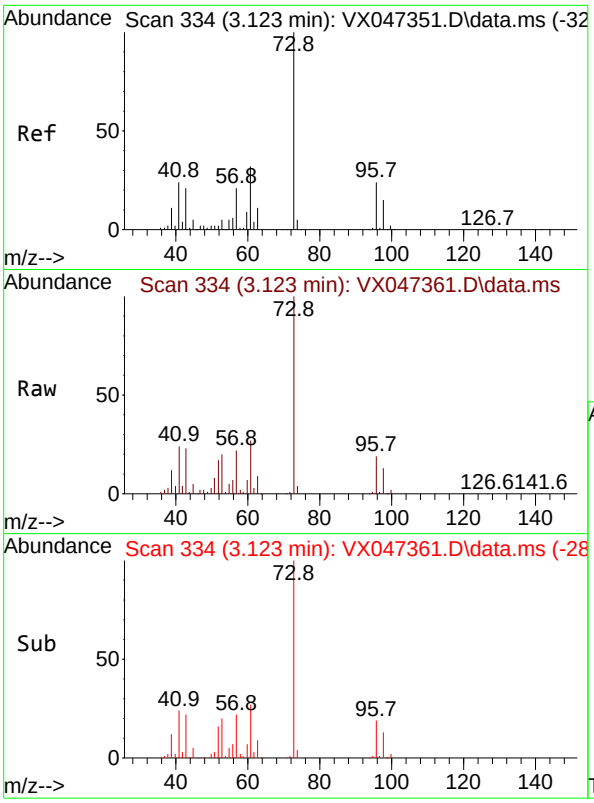


#18
Methyl Acetate
Concen: 17.957 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 43 Resp: 57010

Ion	Ratio	Lower	Upper
43	100		
74	22.2	18.4	27.6



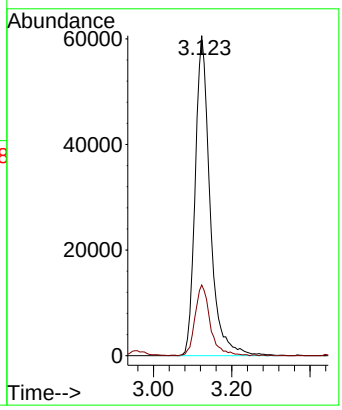


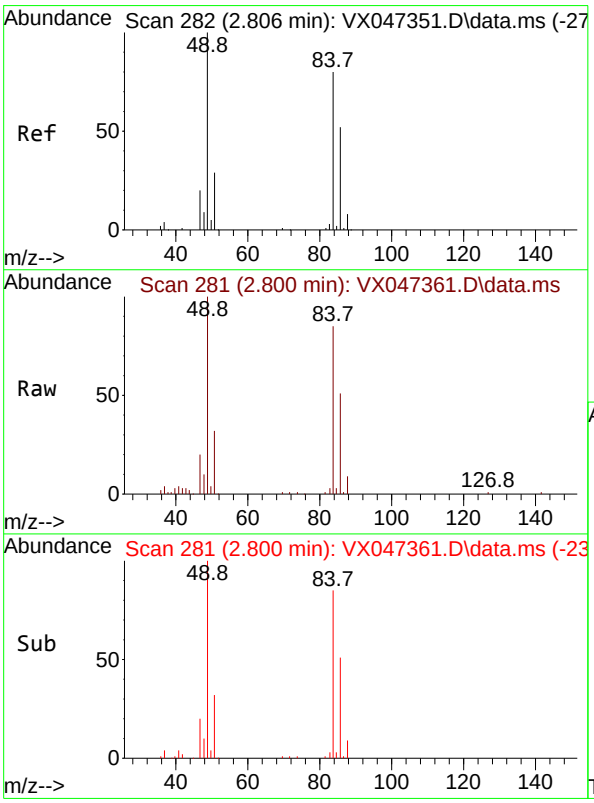
#19
Methyl tert-butyl Ether
Concen: 17.953 ug/l
RT: 3.123 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Tgt Ion: 73 Resp: 160149

Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.0	25.6

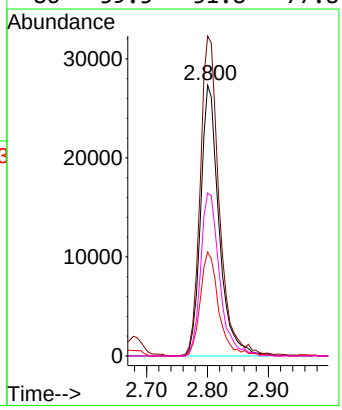


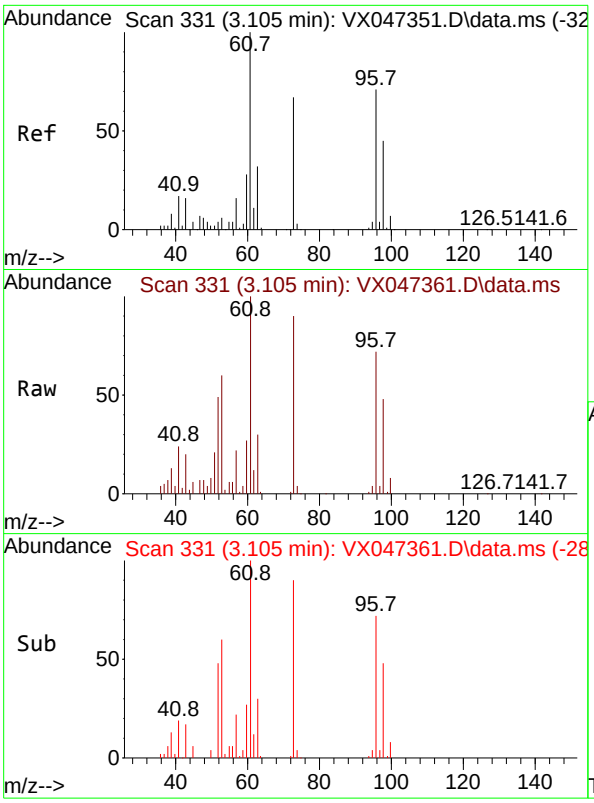


#20
Methylene Chloride
Concen: 17.635 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 84 Resp: 57211

Ion	Ratio	Lower	Upper
84	100		
49	114.5	100.1	150.1
51	37.2	29.5	44.3
86	59.5	51.8	77.8



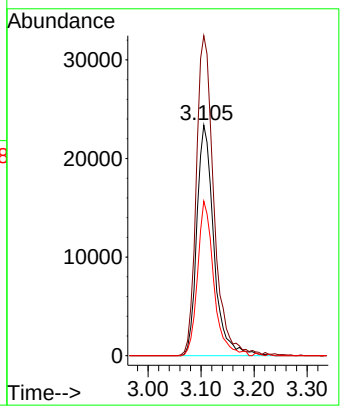


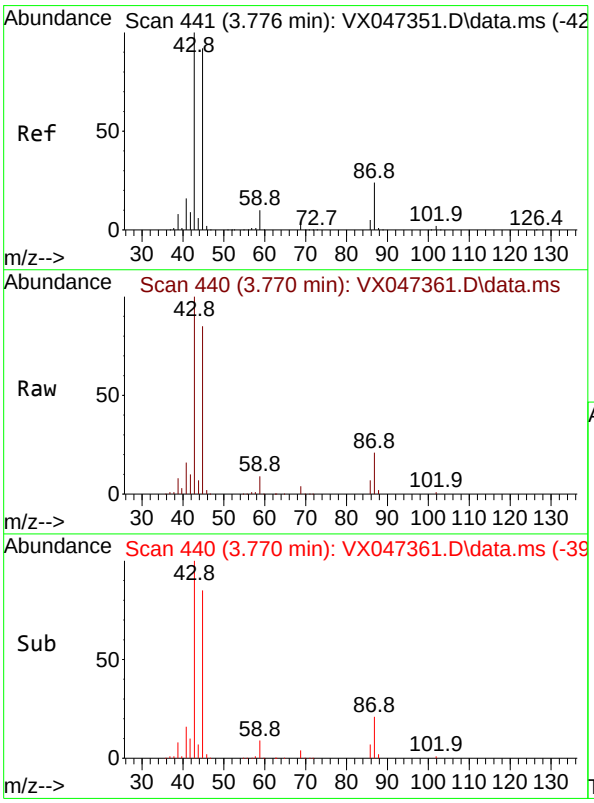
#21
trans-1,2-Dichloroethene
Concen: 16.720 ug/l
RT: 3.105 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Tgt Ion: 96 Resp: 52038

Ion	Ratio	Lower	Upper
96	100		
61	138.7	112.6	169.0
98	67.0	50.9	76.3

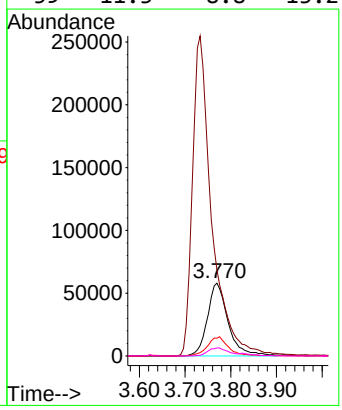


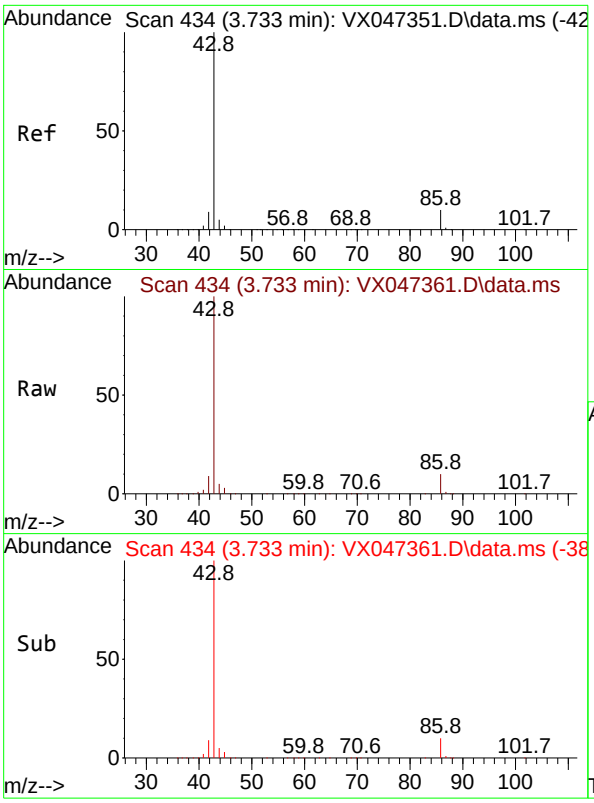


#22
Diisopropyl ether
Concen: 18.141 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.006 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 45 Resp: 182635

Ion	Ratio	Lower	Upper
45	100		
43	117.9	86.8	130.2
87	24.4	20.4	30.6
59	11.3	8.8	13.2



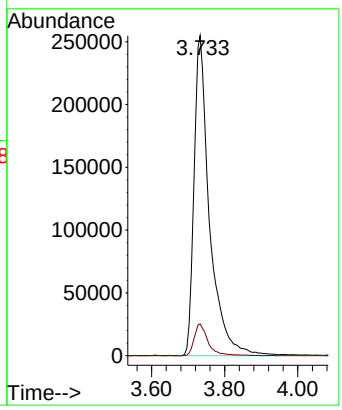


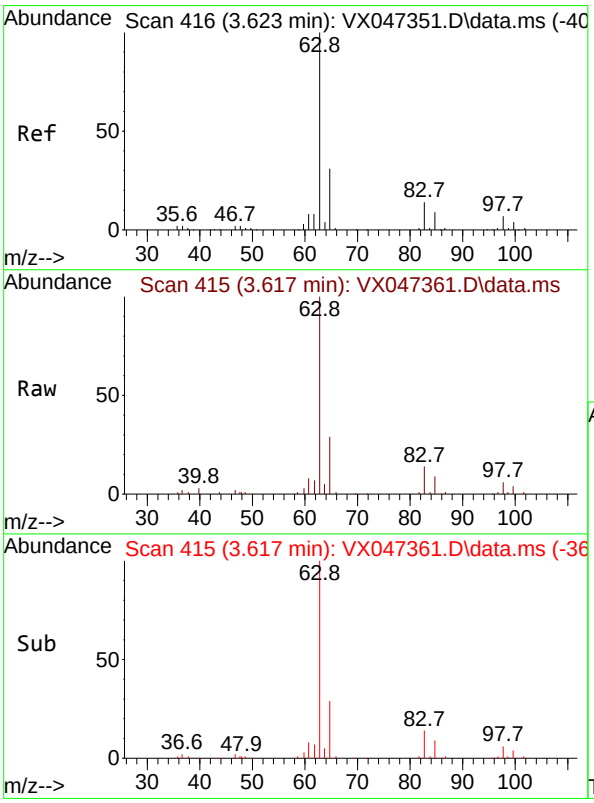
#23
Vinyl Acetate
Concen: 91.201 ug/l
RT: 3.733 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Tgt Ion: 43 Resp: 752562

Ion	Ratio	Lower	Upper
43	100		
86	9.9	7.9	11.9

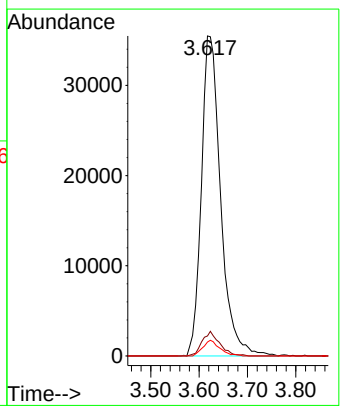


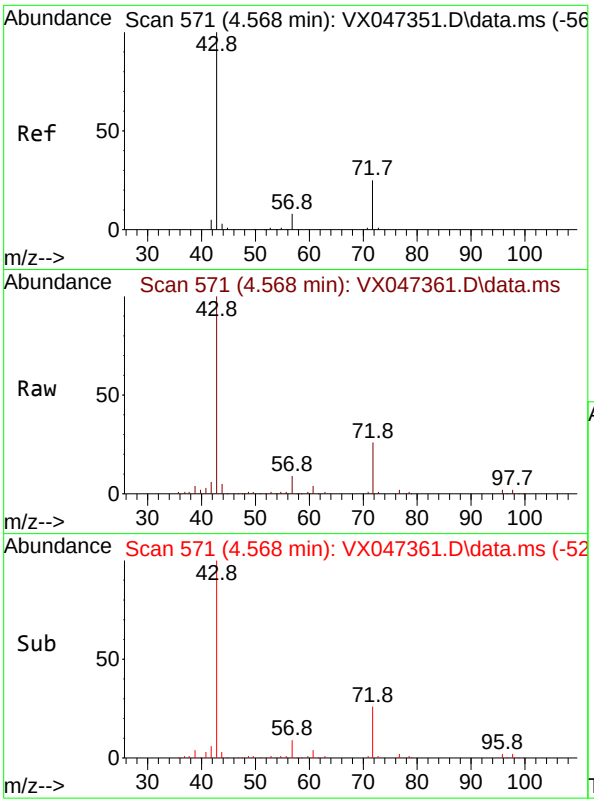


#24
1,1-Dichloroethane
Concen: 17.256 ug/l
RT: 3.617 min Scan# 415
Delta R.T. -0.006 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 63 Resp: 98191

Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.3	9.9
100	4.3	2.1	6.3



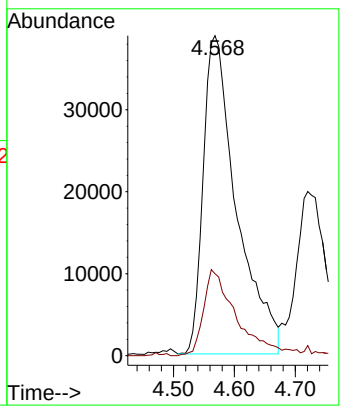


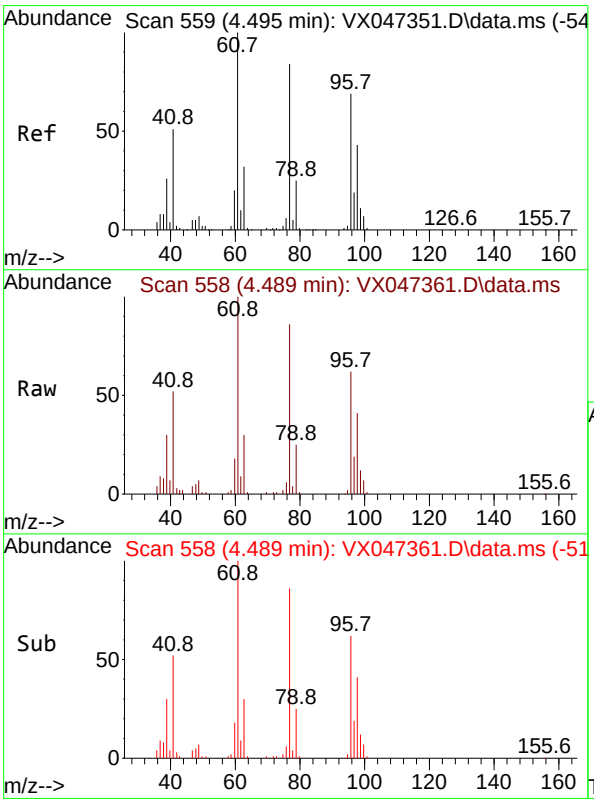
#25
2-Butanone
Concen: 92.245 ug/l
RT: 4.568 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Tgt Ion: 43 Resp: 148012

Ion	Ratio	Lower	Upper
43	100		
72	25.4	19.8	29.8

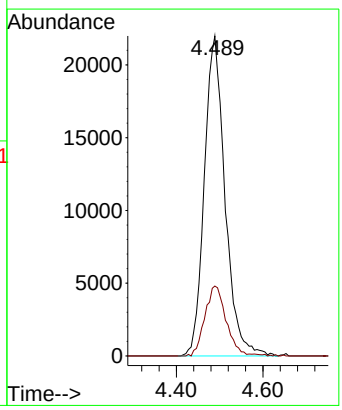


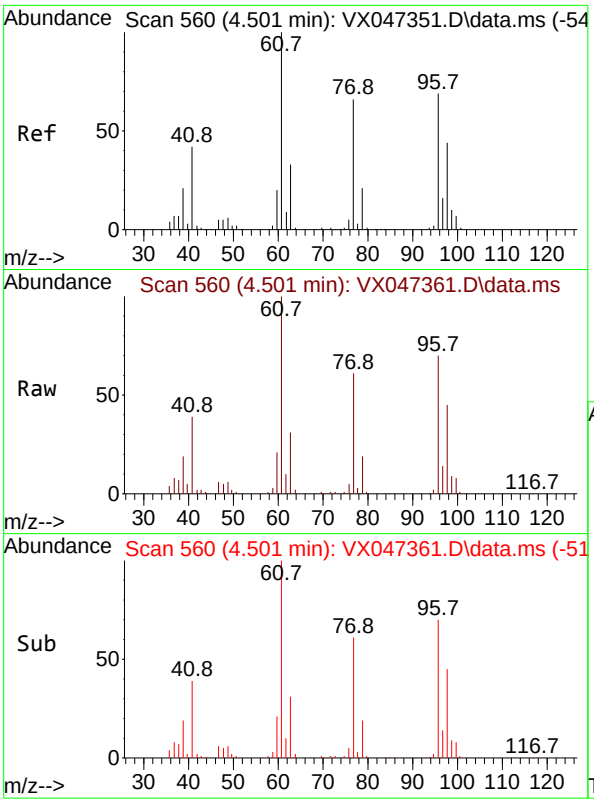


#26
2,2-Dichloropropane
Concen: 17.021 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 77 Resp: 73104

Ion	Ratio	Lower	Upper
77	100		
97	22.3	11.4	34.1



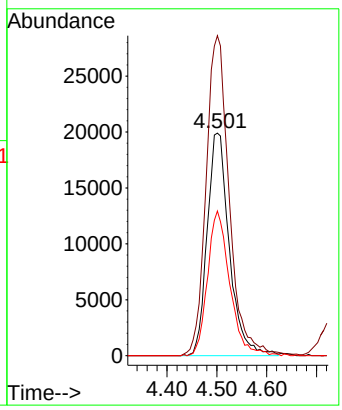


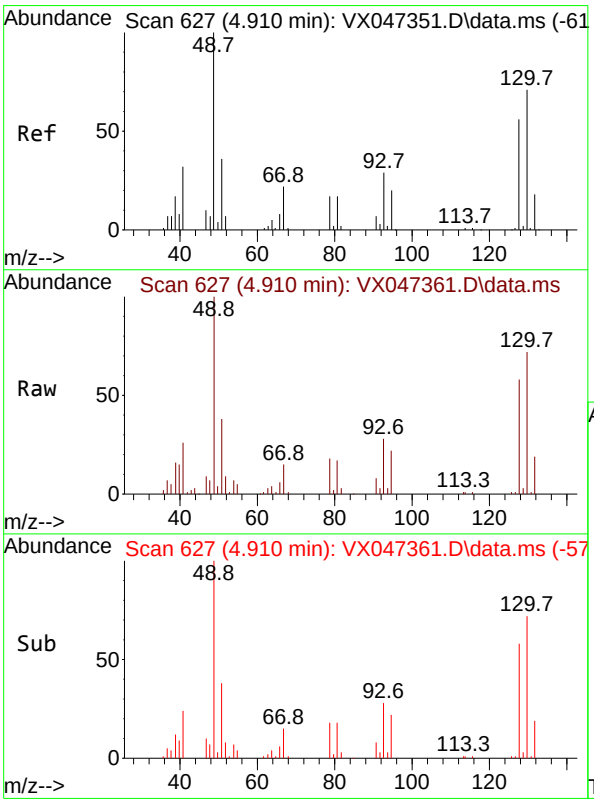
#27
cis-1,2-Dichloroethene
Concen: 16.924 ug/l
RT: 4.501 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Tgt Ion: 96 Resp: 61348

Ion	Ratio	Lower	Upper
96	100		
61	150.3	0.0	296.6
98	65.4	0.0	130.4

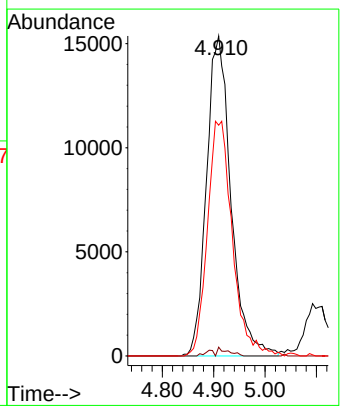


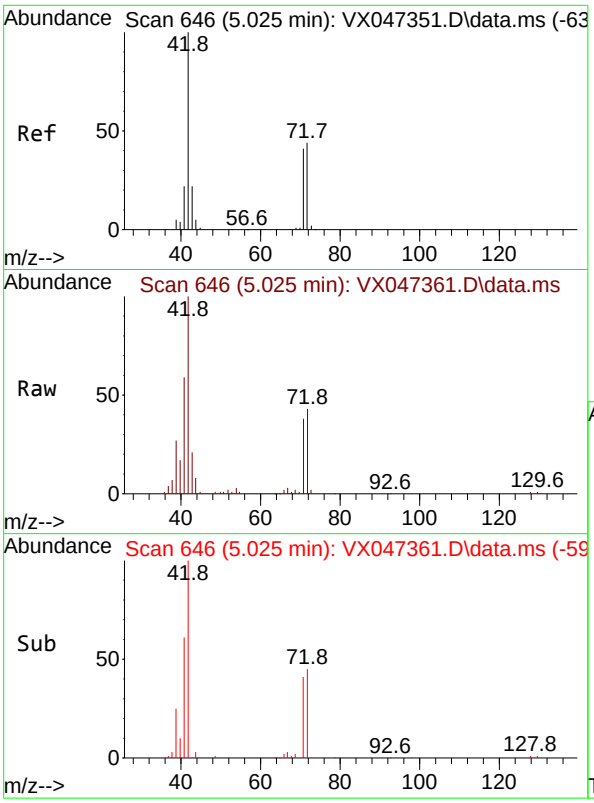


#28
Bromochloromethane
Concen: 21.410 ug/l
RT: 4.910 min Scan# 627
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 49 Resp: 50696

Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	4.0
130	74.8	59.8	89.6



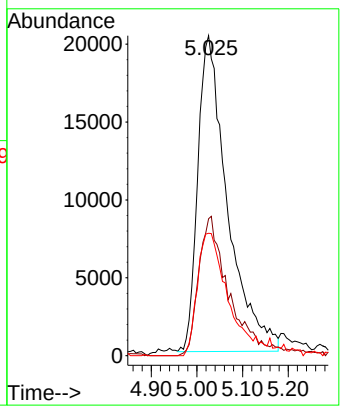


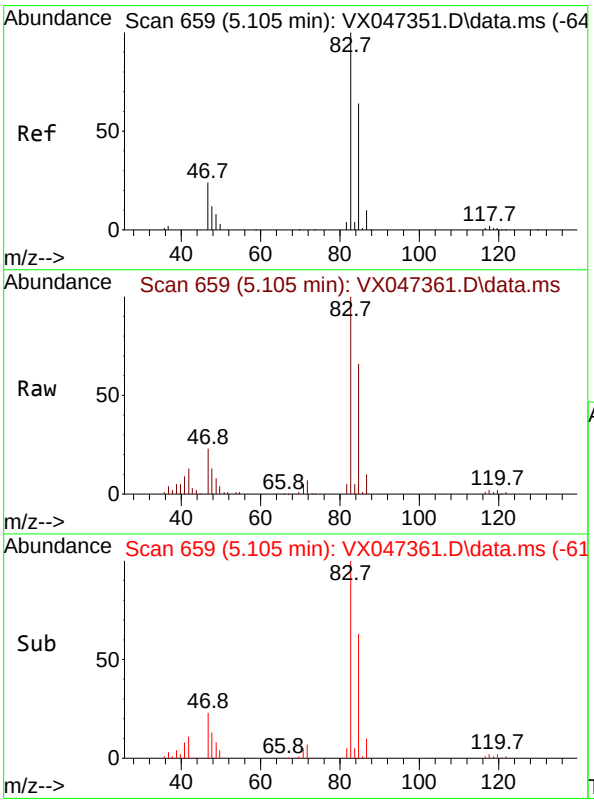
#29
Tetrahydrofuran
Concen: 88.107 ug/l
RT: 5.025 min Scan# 64
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Tgt Ion: 42 Resp: 91375

Ion	Ratio	Lower	Upper
42	100		
72	44.2	34.6	51.8
71	40.3	32.6	49.0

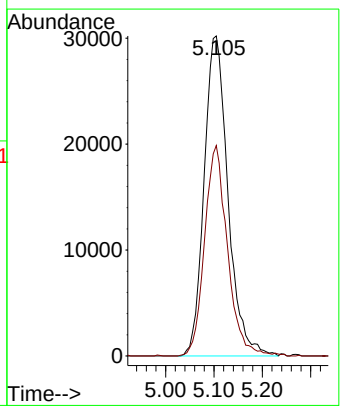


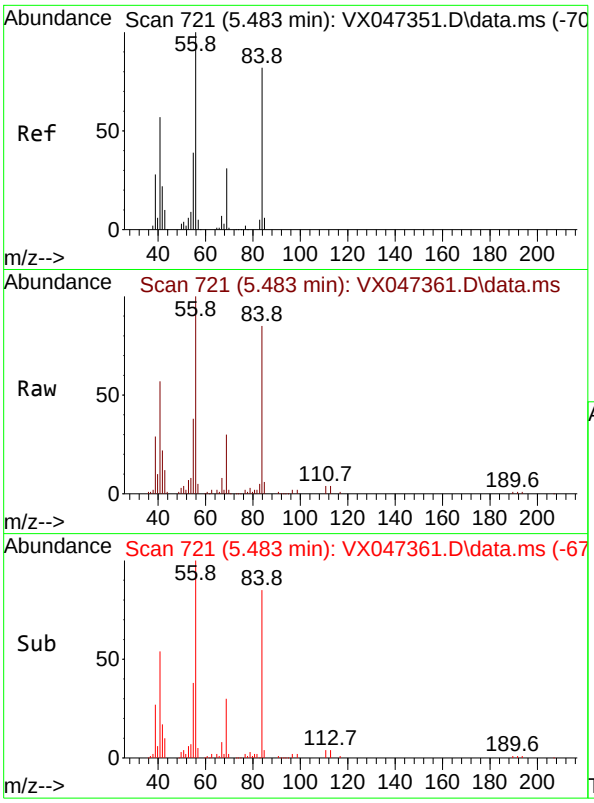


#30
Chloroform
Concen: 17.819 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 83 Resp: 103480

Ion	Ratio	Lower	Upper
83	100		
85	65.7	51.2	76.8



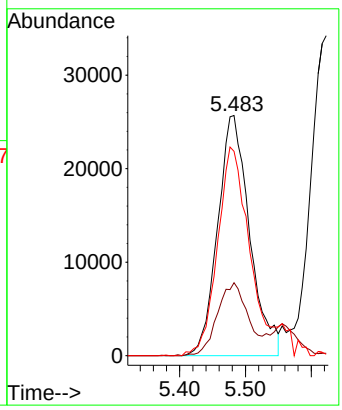


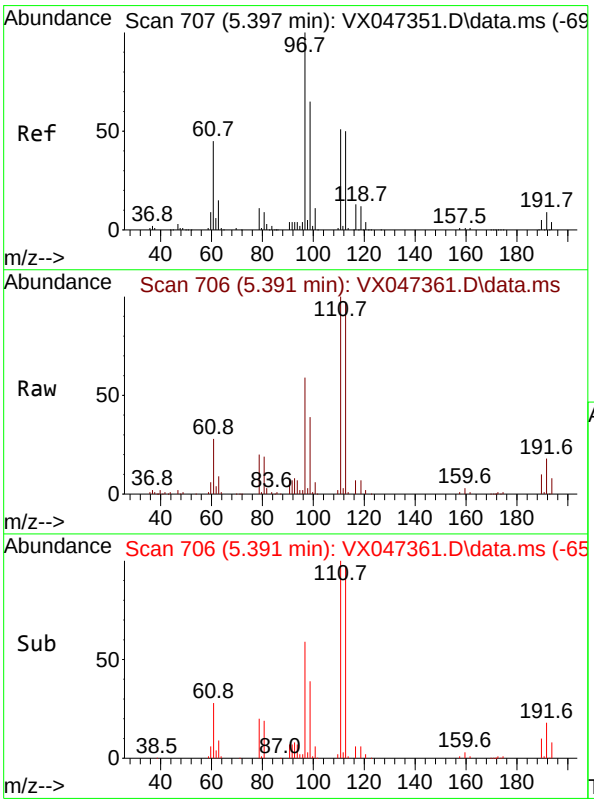
#31
Cyclohexane
Concen: 16.558 ug/l
RT: 5.483 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Tgt Ion: 56 Resp: 86855

Ion	Ratio	Lower	Upper
56	100		
69	30.0	24.3	36.5
84	85.1	65.3	97.9

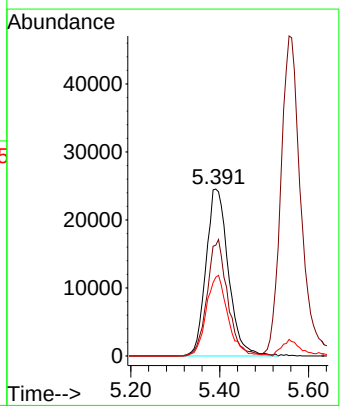


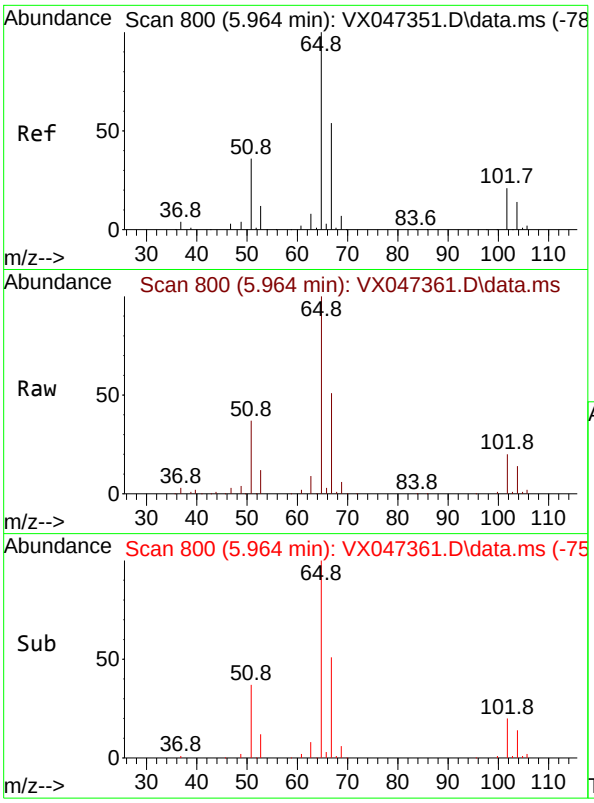


#32
1,1,1-Trichloroethane
Concen: 17.198 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 97 Resp: 85964

Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.4	77.0
61	46.7	35.7	53.5



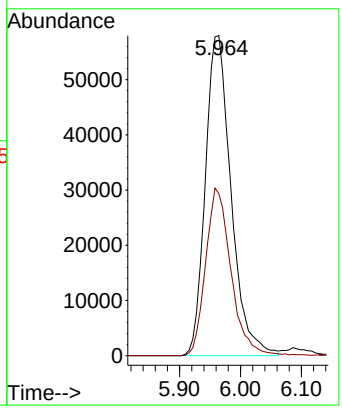


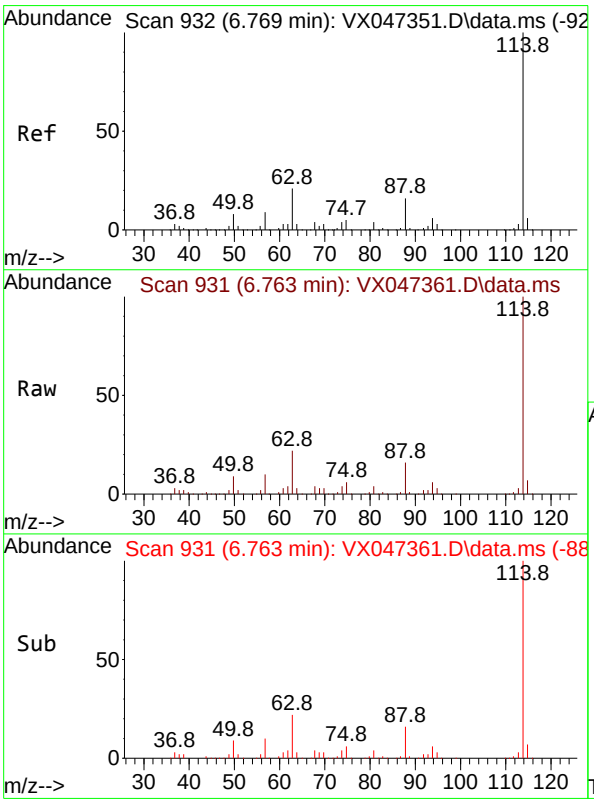
#33
1,2-Dichloroethane-d4
Concen: 52.263 ug/l
RT: 5.964 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Tgt Ion: 65 Resp: 170346

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	106.0

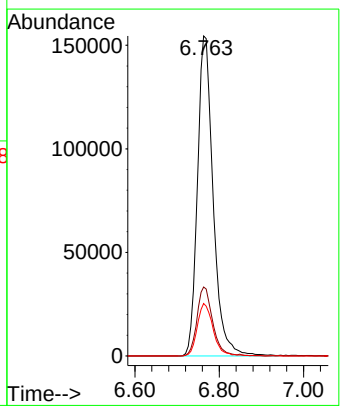


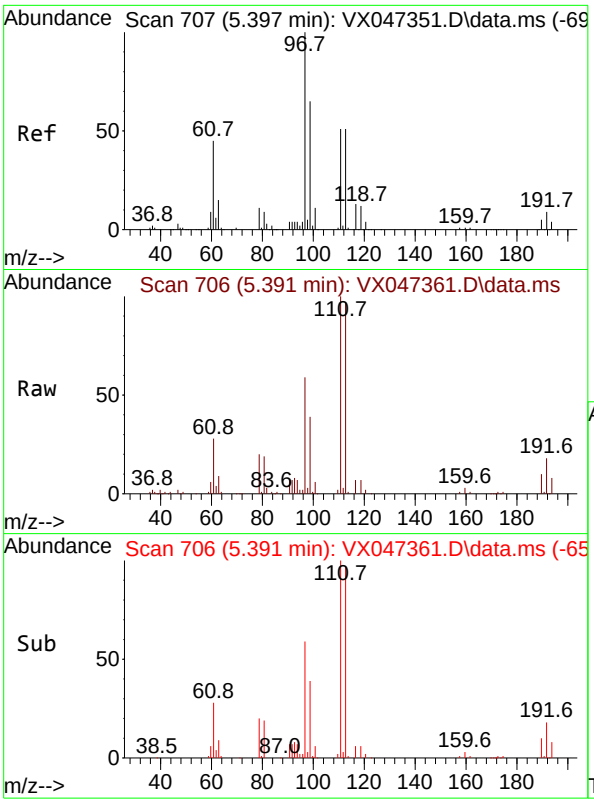


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion:114 Resp: 402024

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	42.4
88	16.4	0.0	33.0



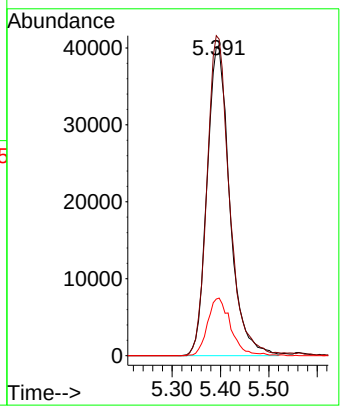


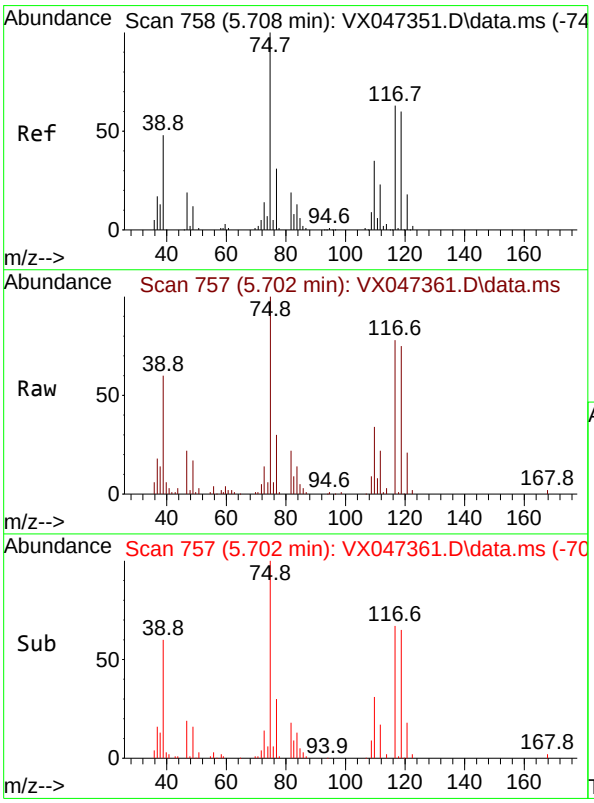
#35
Dibromofluoromethane
Concen: 50.370 ug/l
RT: 5.391 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Tgt Ion:113 Resp: 131425

Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.4	122.2
192	19.0	14.1	21.1

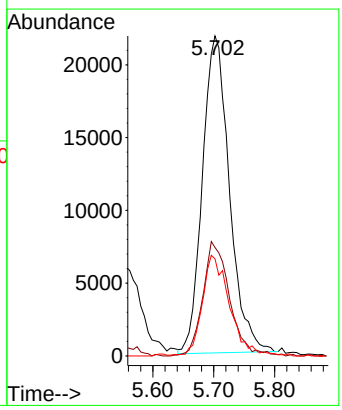


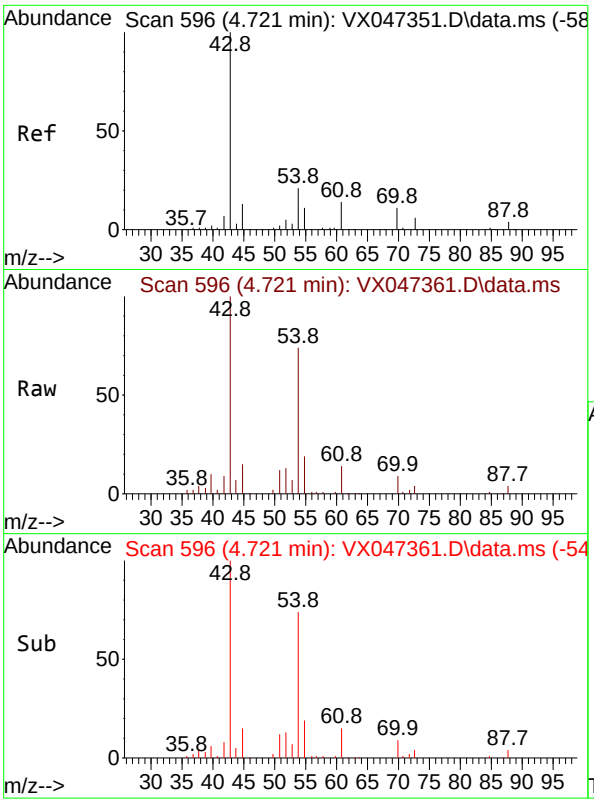


#36
1,1-Dichloropropene
Concen: 16.299 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.006 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 75 Resp: 67131

Ion	Ratio	Lower	Upper
75	100		
110	35.7	17.4	52.2
77	31.0	24.4	36.6



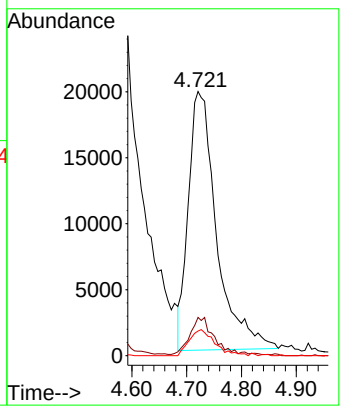


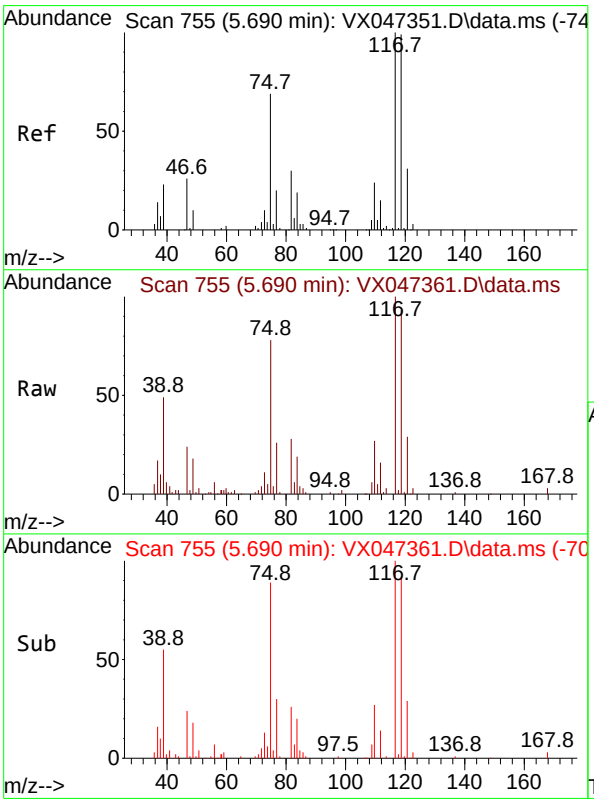
#37
Ethyl Acetate
Concen: 16.481 ug/l
RT: 4.721 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Tgt Ion: 43 Resp: 70470

Ion	Ratio	Lower	Upper
43	100		
61	12.4	9.4	14.2
70	9.1	7.0	10.6

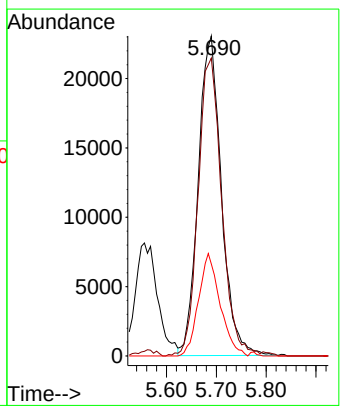


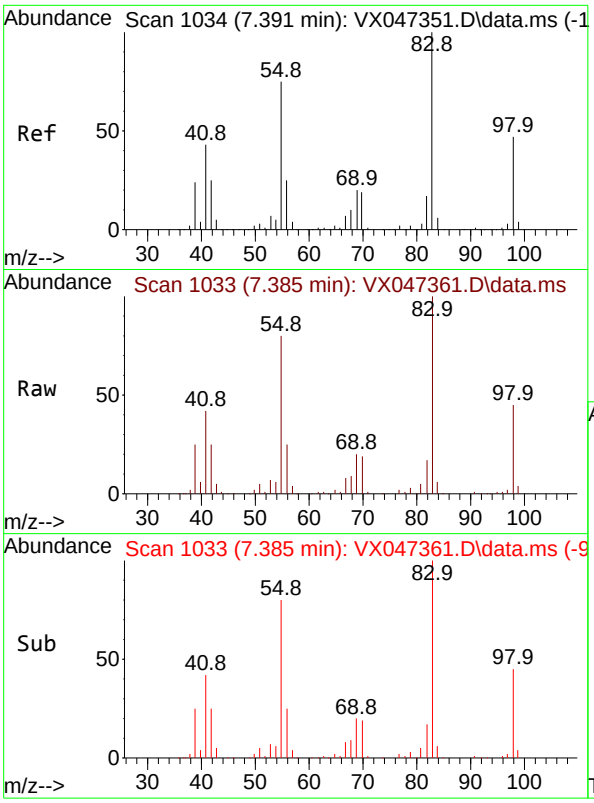


#38
Carbon Tetrachloride
Concen: 16.521 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion:117 Resp: 74361

Ion	Ratio	Lower	Upper
117	100		
119	93.3	78.5	117.7
121	28.8	24.7	37.1



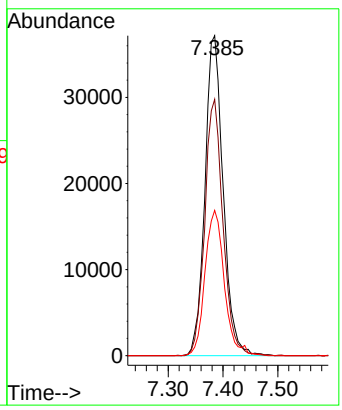


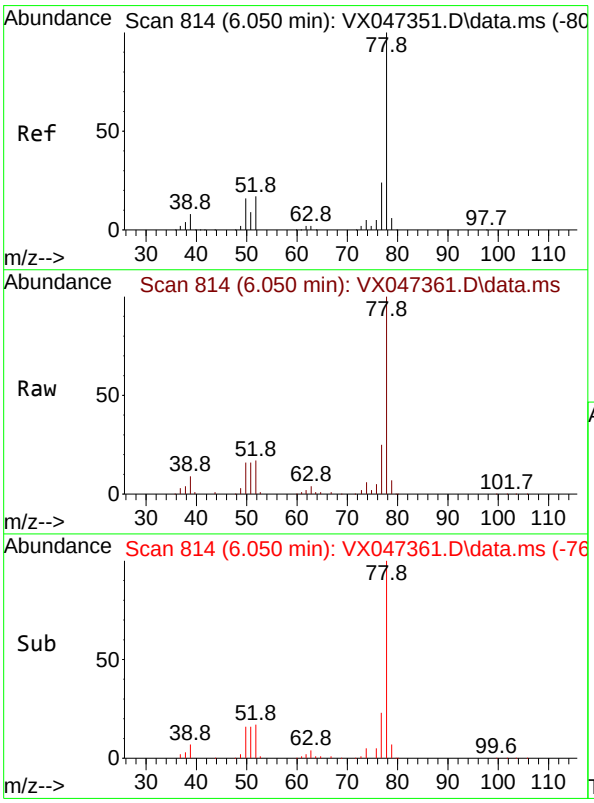
#39
Methylcyclohexane
Concen: 16.681 ug/l
RT: 7.385 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Tgt Ion: 83 Resp: 85698

Ion	Ratio	Lower	Upper
83	100		
55	79.9	60.0	90.0
98	45.4	37.2	55.8

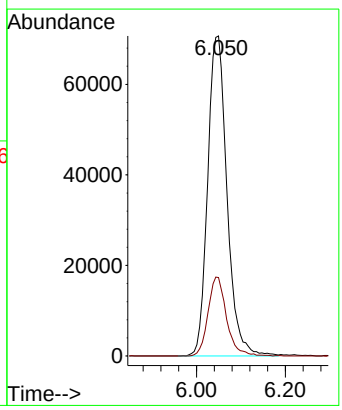


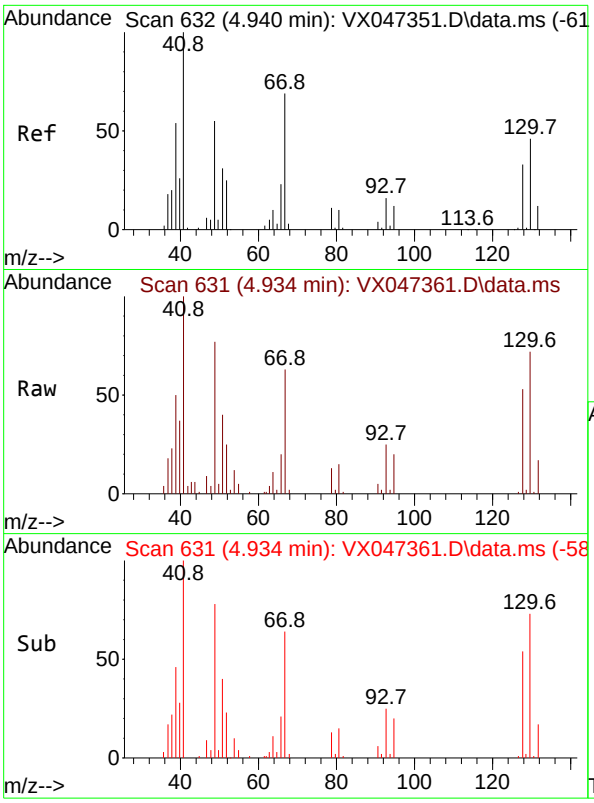


#40
Benzene
Concen: 17.309 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 78 Resp: 213392

Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.0	28.4



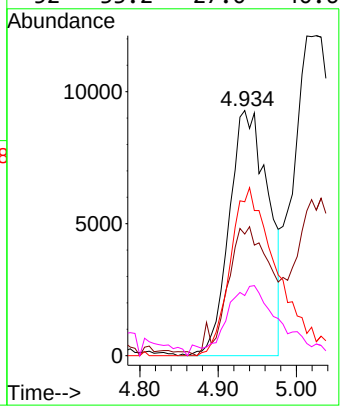


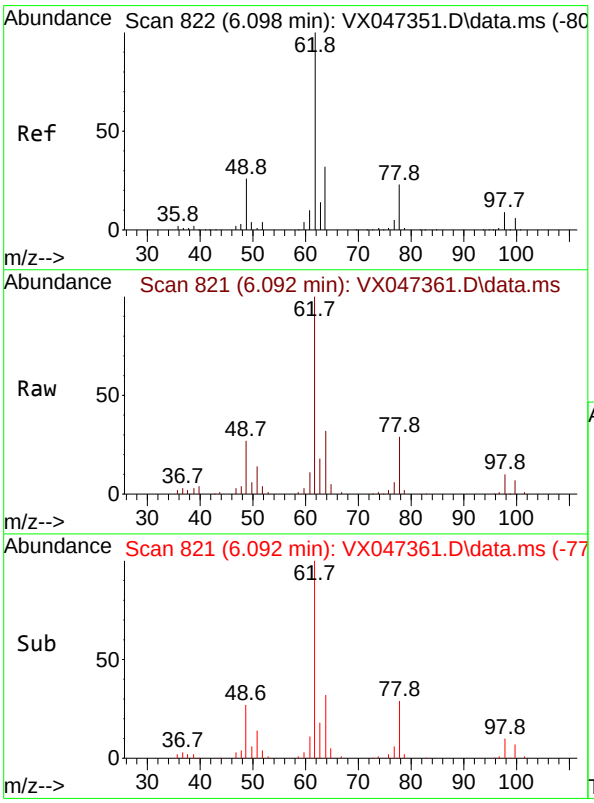
#41
Methacrylonitrile
Concen: 17.923 ug/l
RT: 4.934 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Tgt Ion: 41 Resp: 32317

Ion	Ratio	Lower	Upper
41	100		
39	52.8	45.4	68.2
67	84.3	64.0	96.0
52	33.2	27.0	40.6

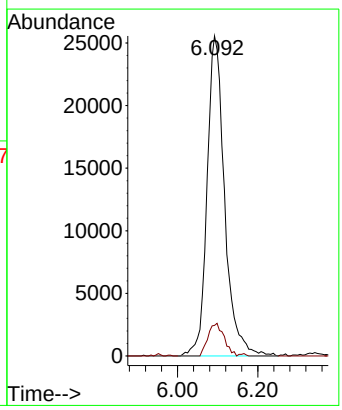


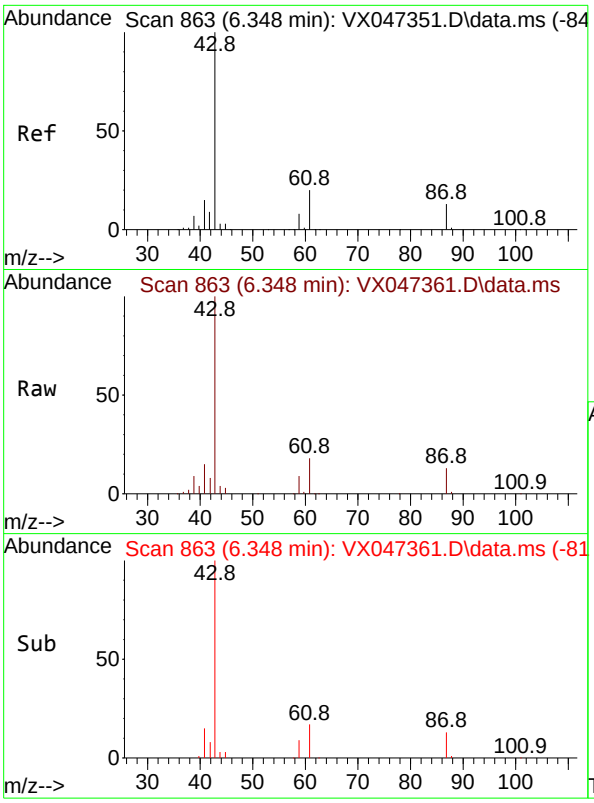


#42
1,2-Dichloroethane
Concen: 17.775 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 62 Resp: 77618

Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.0



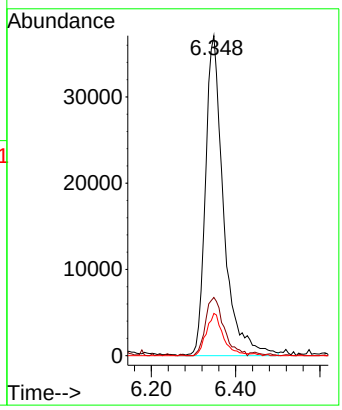


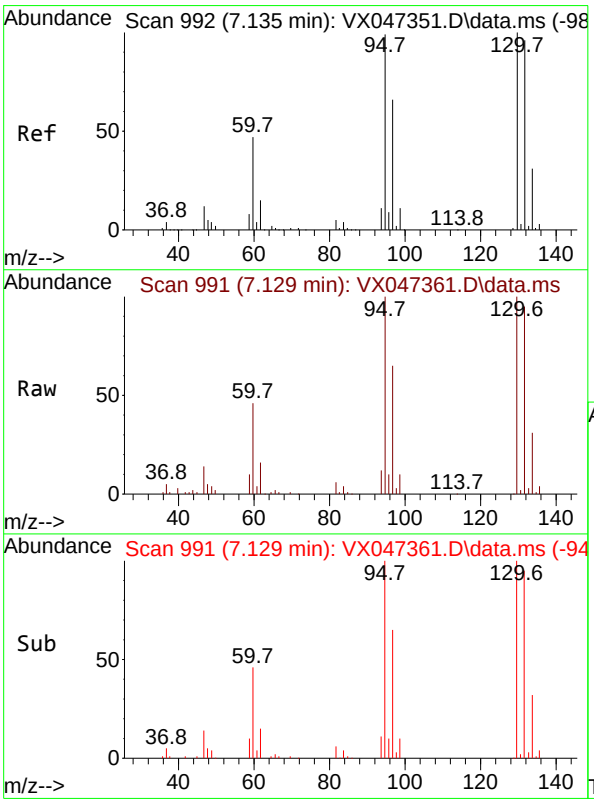
#43
Isopropyl Acetate
Concen: 18.054 ug/l
RT: 6.348 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Tgt Ion: 43 Resp: 110904

Ion	Ratio	Lower	Upper
43	100		
61	18.4	15.4	23.0
87	12.6	10.2	15.4

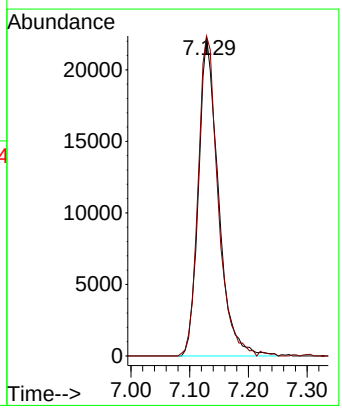


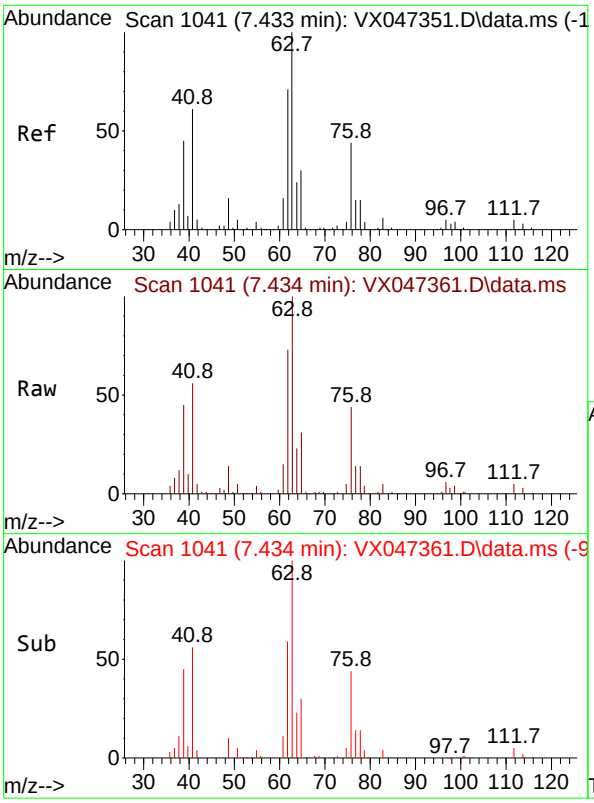


#44
Trichloroethene
Concen: 16.600 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion:130 Resp: 52402

Ion	Ratio	Lower	Upper
130	100		
95	100.3	0.0	198.6



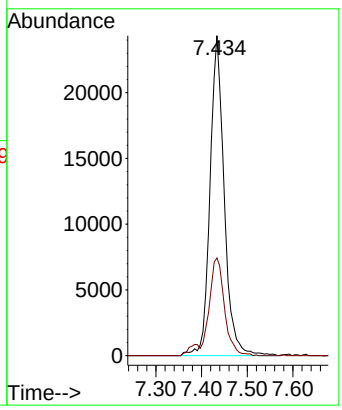


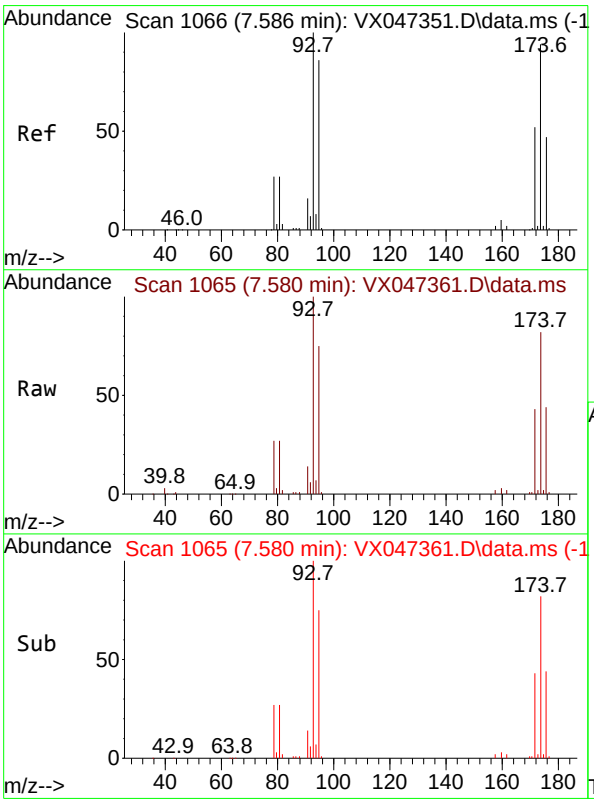
#45
1,2-Dichloropropane
Concen: 17.045 ug/l
RT: 7.434 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Tgt Ion: 63 Resp: 52644

Ion	Ratio	Lower	Upper
63	100		
65	30.5	23.8	35.6

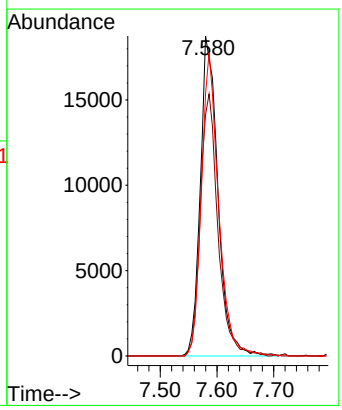


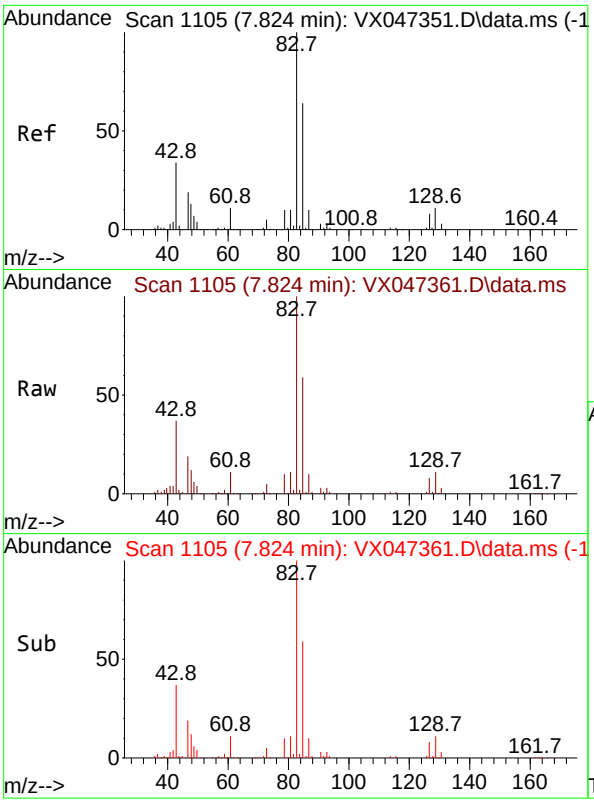


#46
Dibromomethane
Concen: 18.084 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 93 Resp: 40549

Ion	Ratio	Lower	Upper
93	100		
95	81.6	68.0	102.0
174	92.5	75.8	113.6



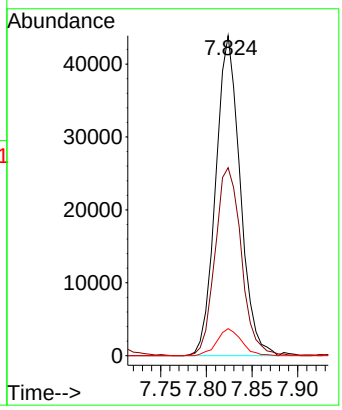


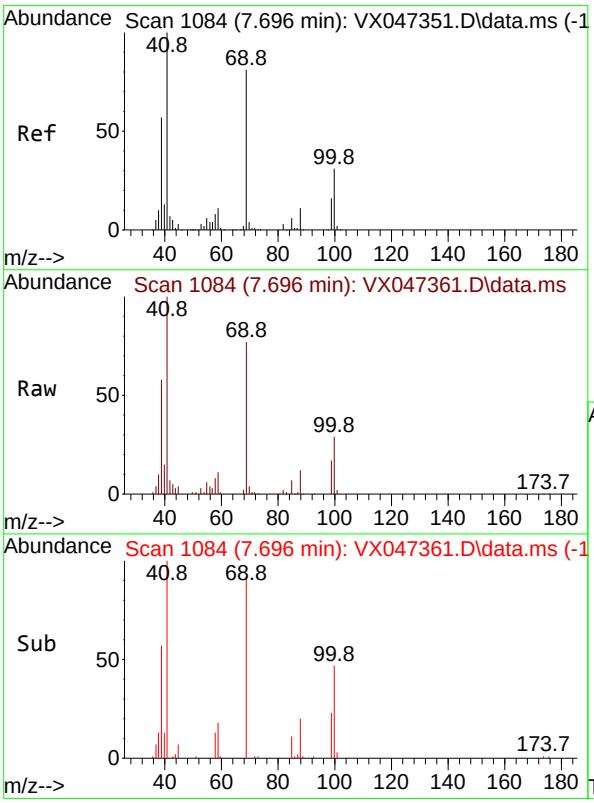
#47
Bromodichloromethane
Concen: 17.577 ug/l
RT: 7.824 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Tgt Ion: 83 Resp: 81703

Ion	Ratio	Lower	Upper
83	100		
85	58.7	51.0	76.6
127	8.5	7.0	10.4

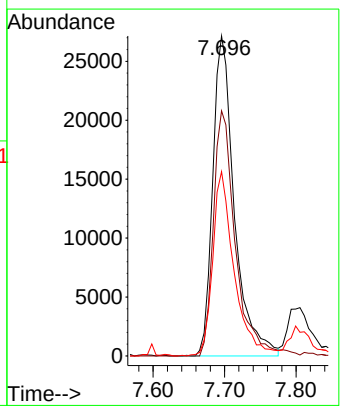


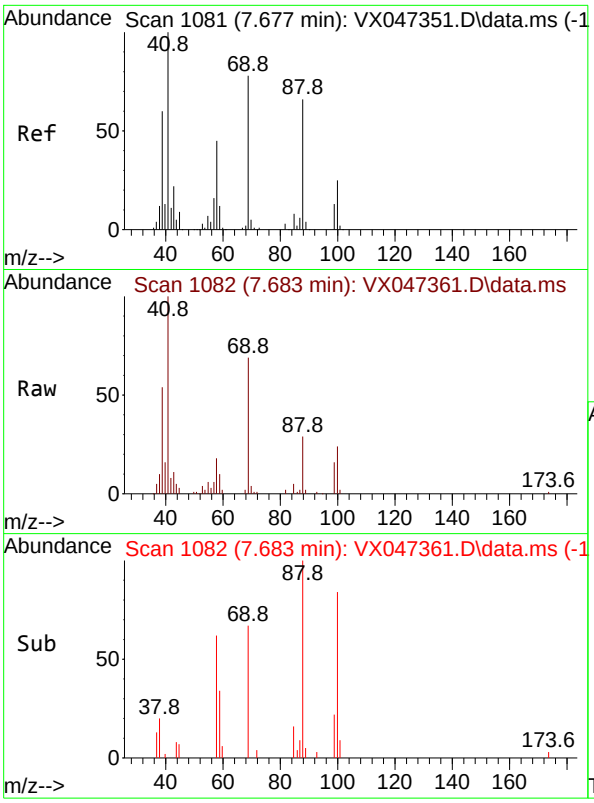


#48
Methyl methacrylate
Concen: 17.915 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 41 Resp: 57122

Ion	Ratio	Lower	Upper
41	100		
69	77.8	65.0	97.4
39	56.9	45.7	68.5



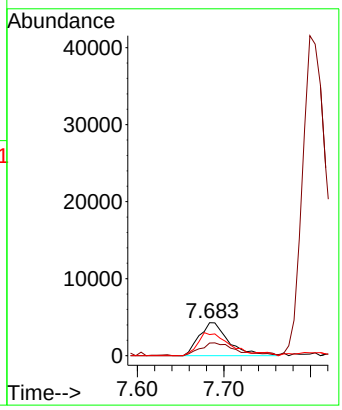


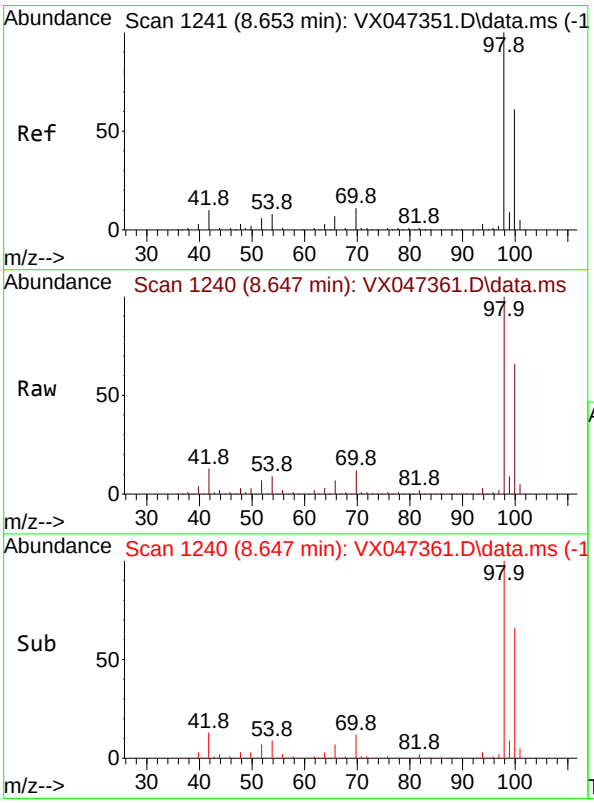
#49
1,4-Dioxane
Concen: 331.751 ug/l
RT: 7.683 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Tgt Ion: 88 Resp: 10283

Ion	Ratio	Lower	Upper
88	100		
43	46.3	32.4	48.6
58	70.4	56.9	85.3

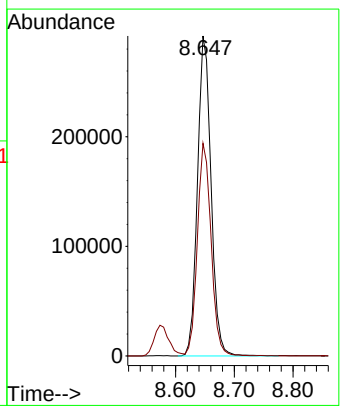


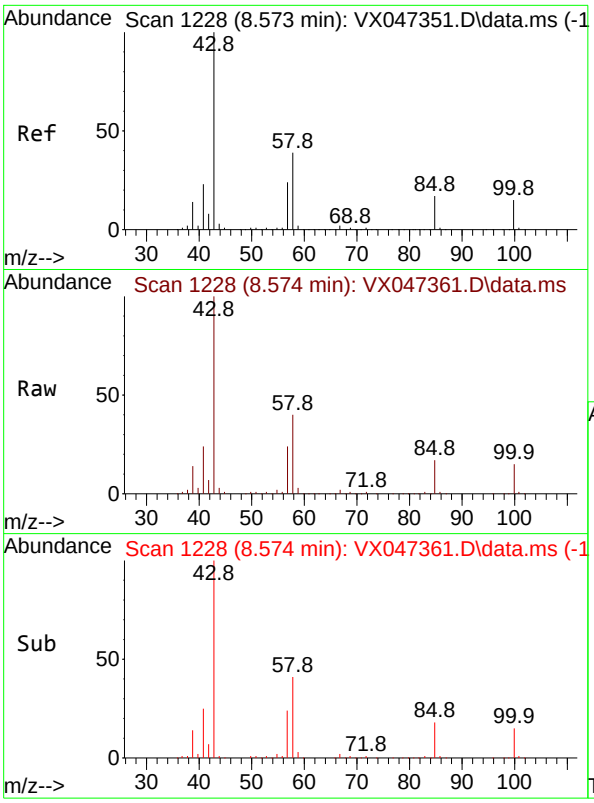


#50
Toluene-d8
Concen: 50.342 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 98 Resp: 469487

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.9	80.9



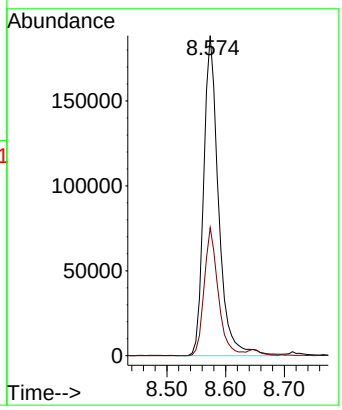


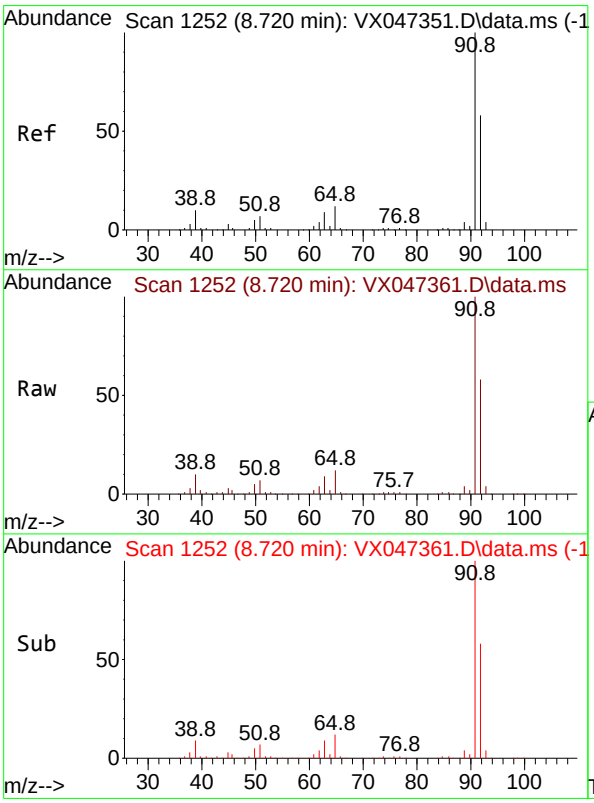
#51
4-Methyl-2-Pentanone
Concen: 93.809 ug/l
RT: 8.574 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Tgt Ion: 43 Resp: 331605

Ion	Ratio	Lower	Upper
43	100		
58	38.0	31.2	46.8

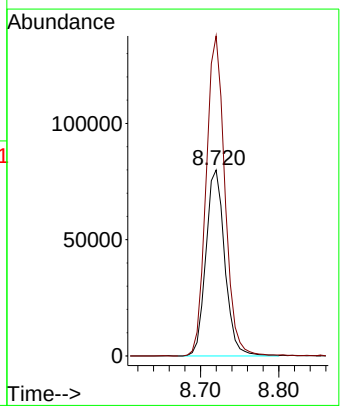


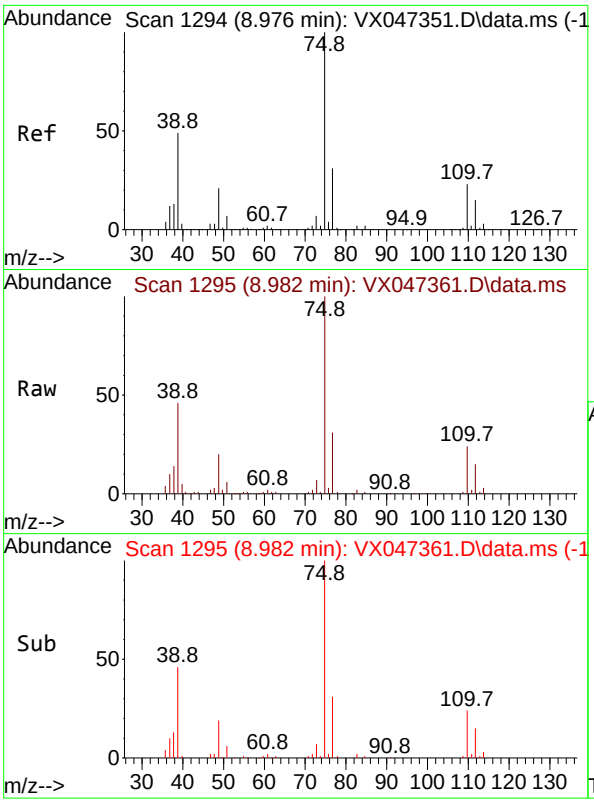


#52
Toluene
Concen: 17.572 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 92 Resp: 133864

Ion	Ratio	Lower	Upper
92	100		
91	171.1	136.3	204.5



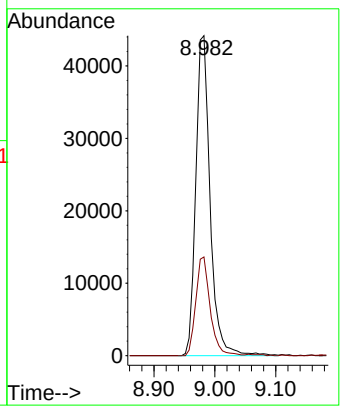


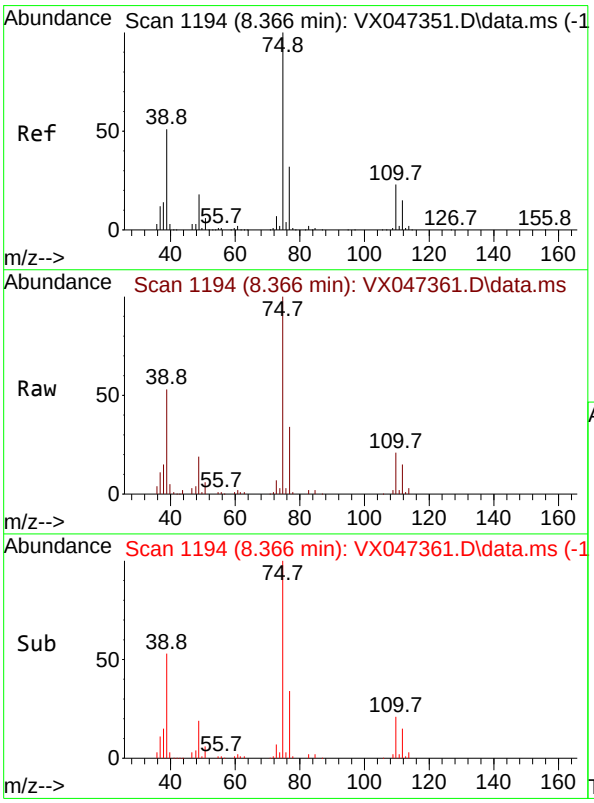
#53
t-1,3-Dichloropropene
Concen: 17.771 ug/l
RT: 8.982 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Tgt Ion: 75 Resp: 72094

Ion	Ratio	Lower	Upper
75	100		
77	30.8	24.7	37.1

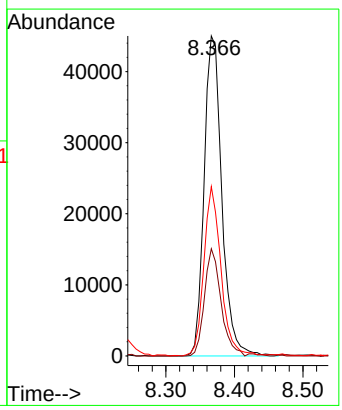


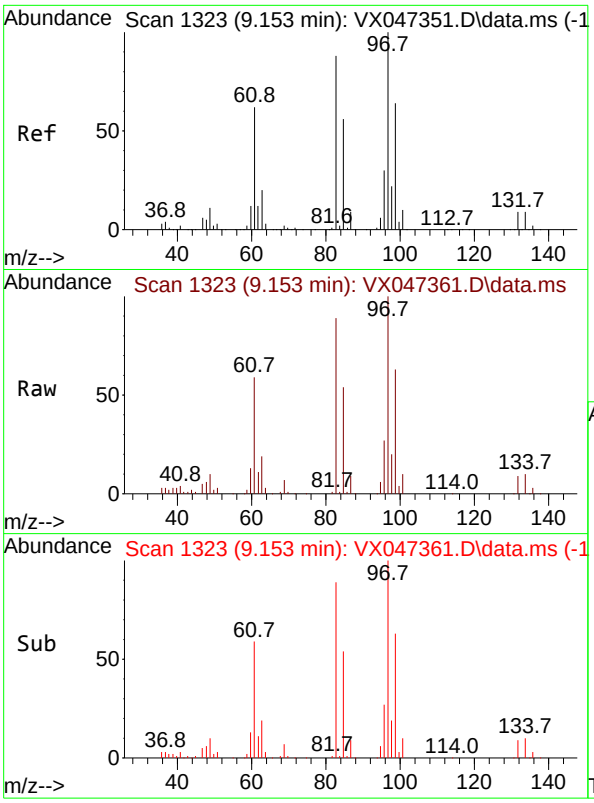


#54
cis-1,3-Dichloropropene
Concen: 17.705 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 75 Resp: 81302

Ion	Ratio	Lower	Upper
75	100		
77	33.5	25.6	38.4
39	52.5	40.9	61.3



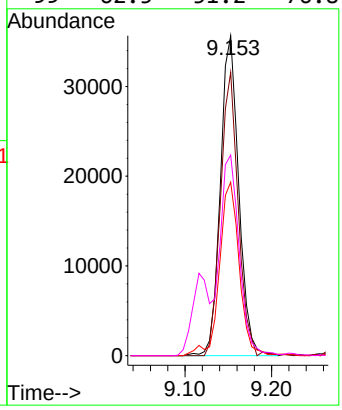


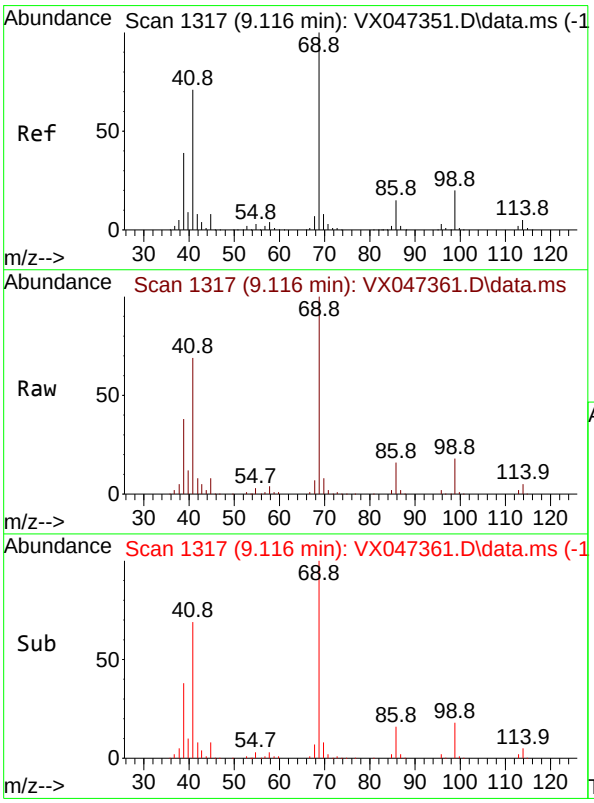
#55
1,1,2-Trichloroethane
Concen: 18.151 ug/l
RT: 9.153 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Tgt Ion: 97 Resp: 52500

Ion	Ratio	Lower	Upper
97	100		
83	88.6	70.6	106.0
85	54.2	44.7	67.1
99	62.5	51.2	76.8

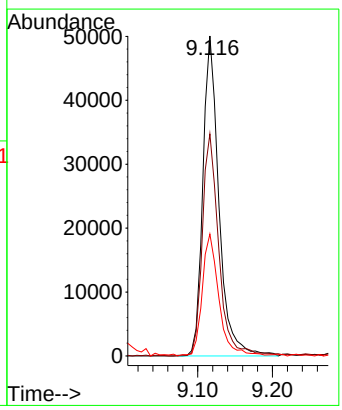


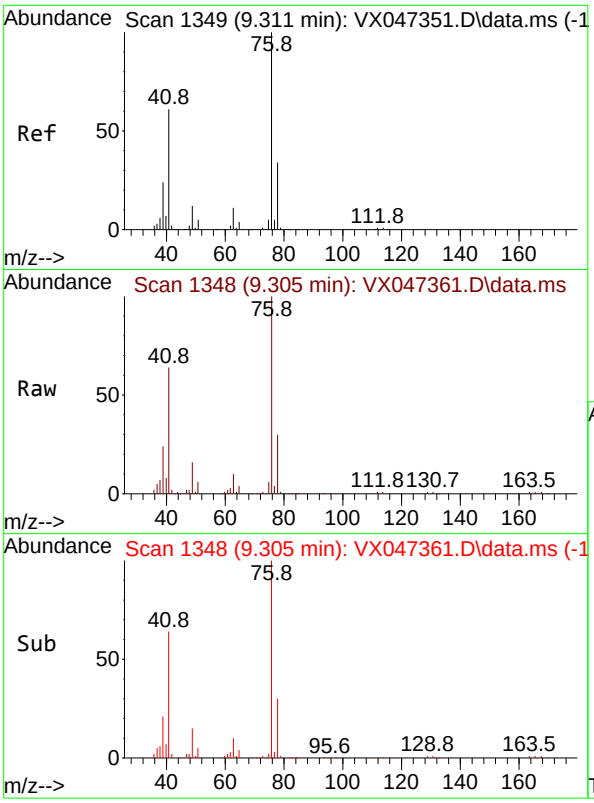


#56
Ethyl methacrylate
Concen: 17.550 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 69 Resp: 74839

Ion	Ratio	Lower	Upper
69	100		
41	71.8	55.3	82.9
39	39.5	30.2	45.2



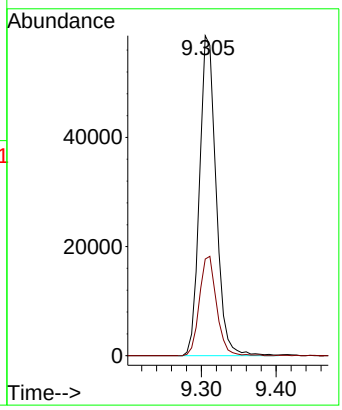


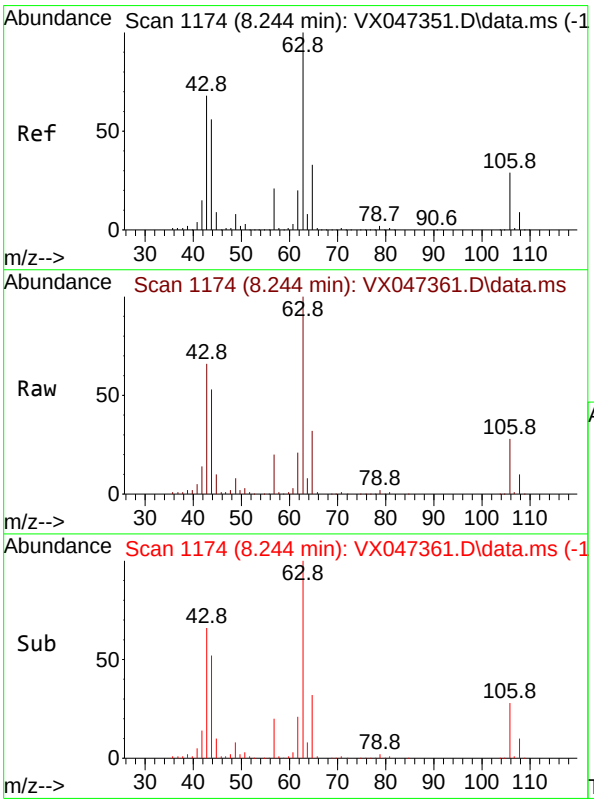
#57
1,3-Dichloropropane
Concen: 18.278 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Tgt Ion: 76 Resp: 90084

Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.2	39.2

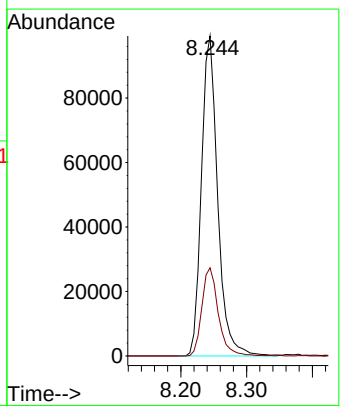


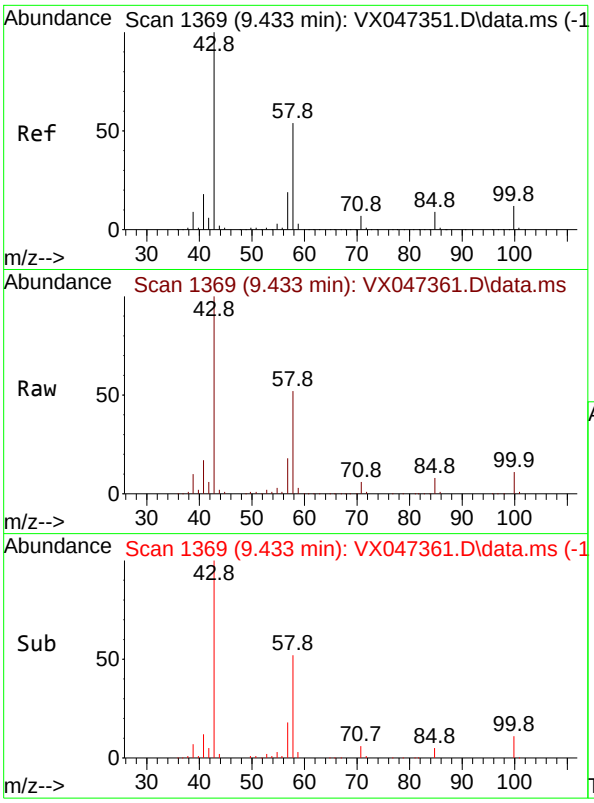


#58
2-Chloroethyl Vinyl ether
Concen: 89.279 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 63 Resp: 170482

Ion	Ratio	Lower	Upper
63	100		
106	28.0	22.8	34.2



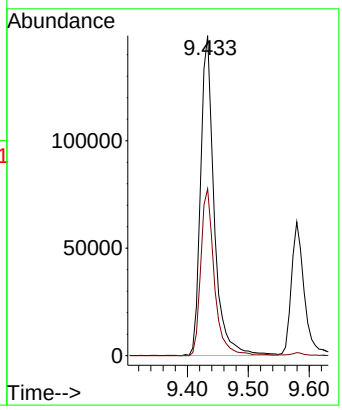


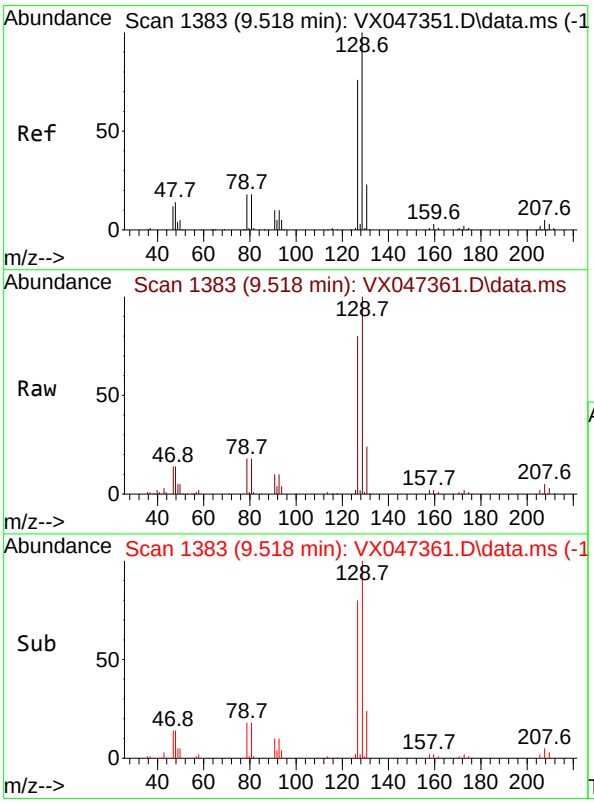
#59
2-Hexanone
Concen: 94.047 ug/l
RT: 9.433 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Tgt Ion: 43 Resp: 229960

Ion	Ratio	Lower	Upper
43	100		
58	52.4	26.9	80.7

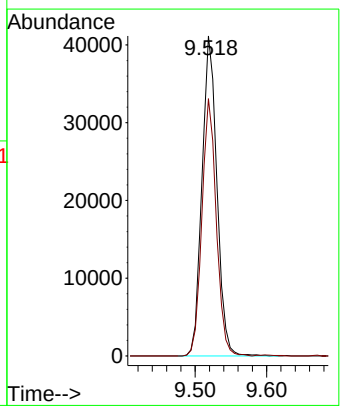


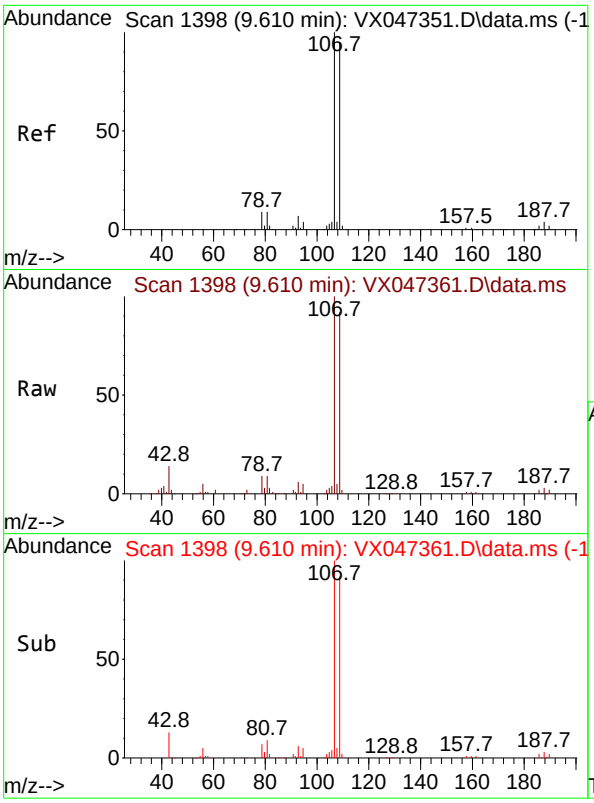


#60
Dibromochloromethane
Concen: 17.385 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion:129 Resp: 59757

Ion	Ratio	Lower	Upper
129	100		
127	77.3	38.9	116.6



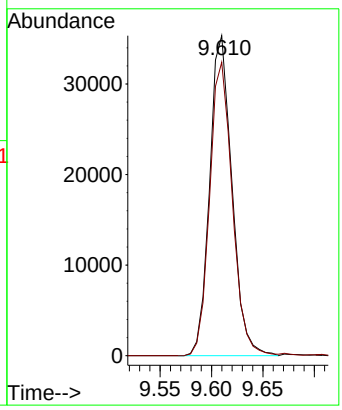


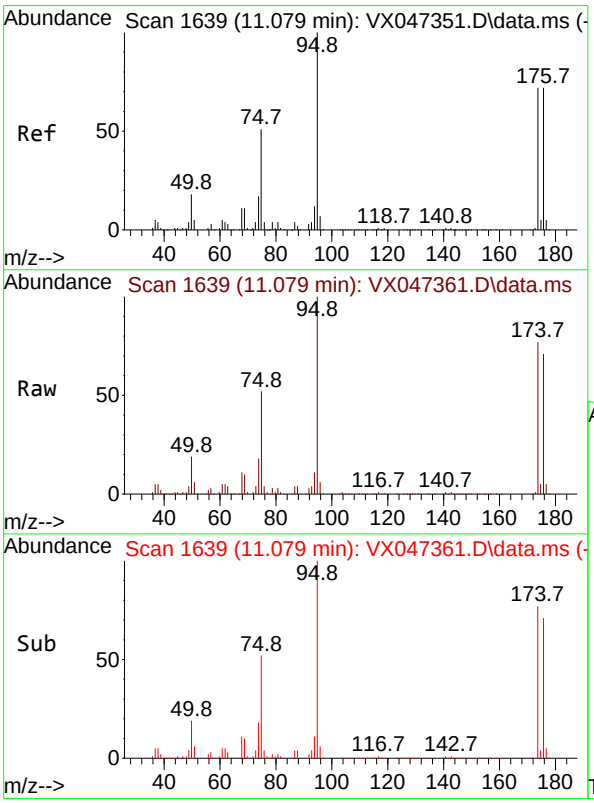
#61
1,2-Dibromoethane
Concen: 17.846 ug/l
RT: 9.610 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Tgt Ion:107 Resp: 53226

Ion	Ratio	Lower	Upper
107	100		
109	93.1	76.2	114.2

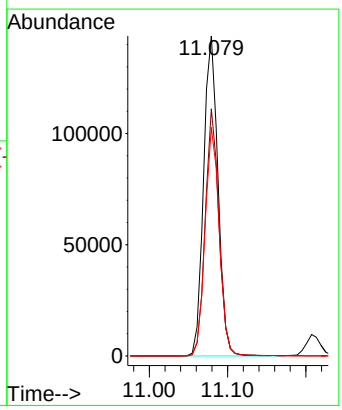


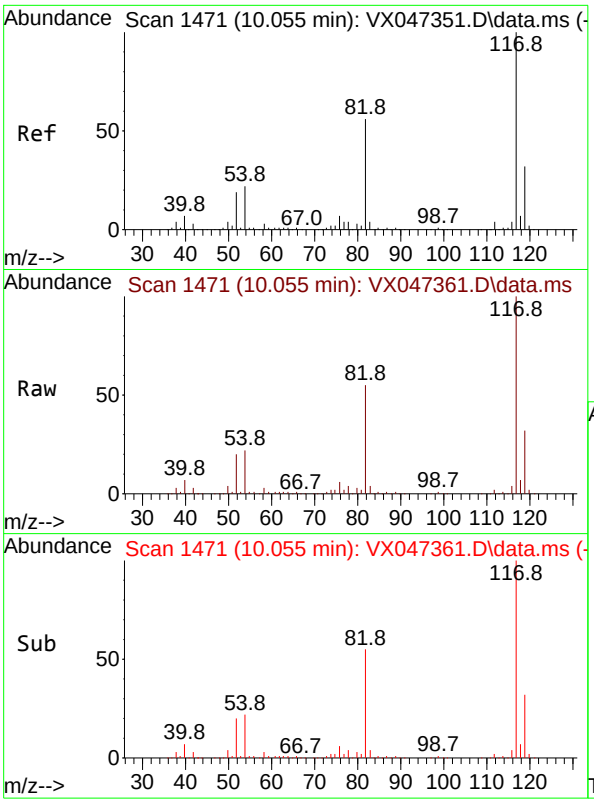


#62
4-Bromofluorobenzene
Concen: 53.292 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 95 Resp: 183400

Ion	Ratio	Lower	Upper
95	100		
174	73.2	0.0	148.0
176	70.6	0.0	145.4



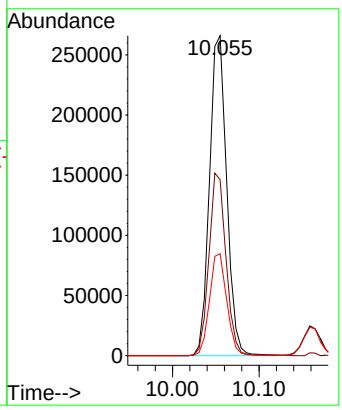


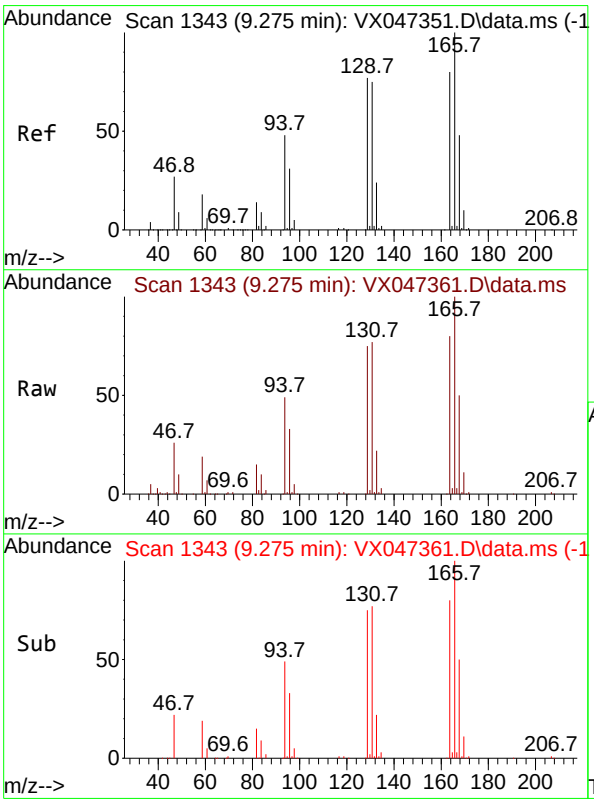
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Tgt Ion:117 Resp: 366622

Ion	Ratio	Lower	Upper
117	100		
82	55.0	45.0	67.4
119	31.9	25.8	38.8

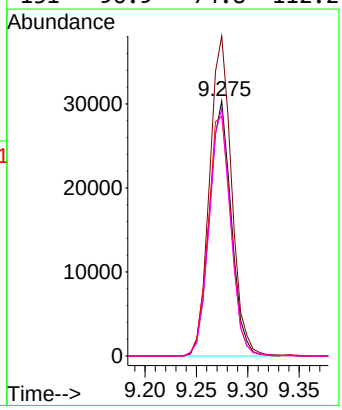


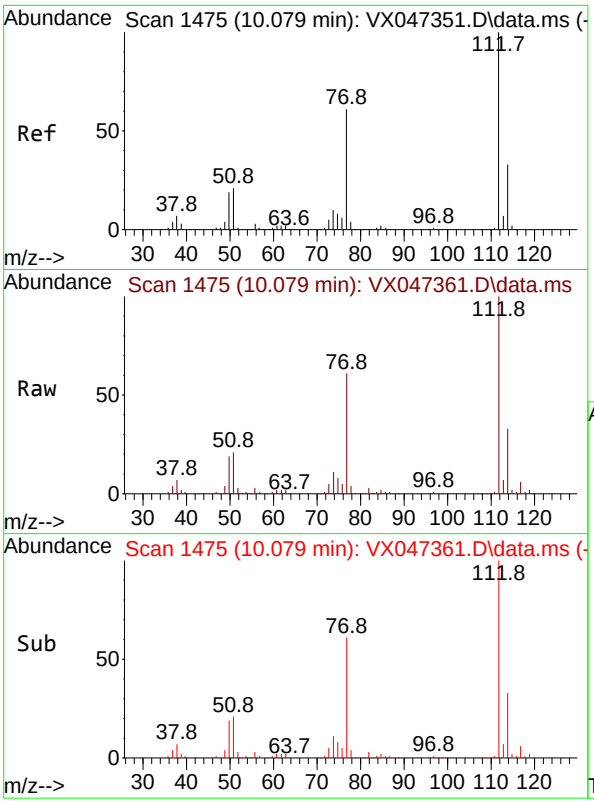


#64
Tetrachloroethene
Concen: 16.897 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion:164 Resp: 44808

Ion	Ratio	Lower	Upper
164	100		
166	125.5	100.3	150.5
129	94.0	77.7	116.5
131	96.9	74.8	112.2



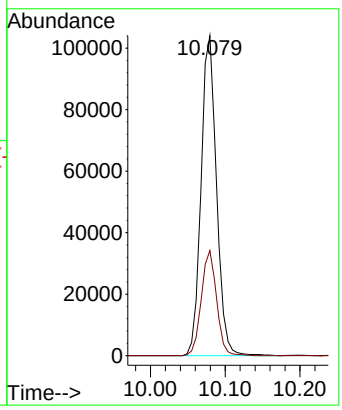


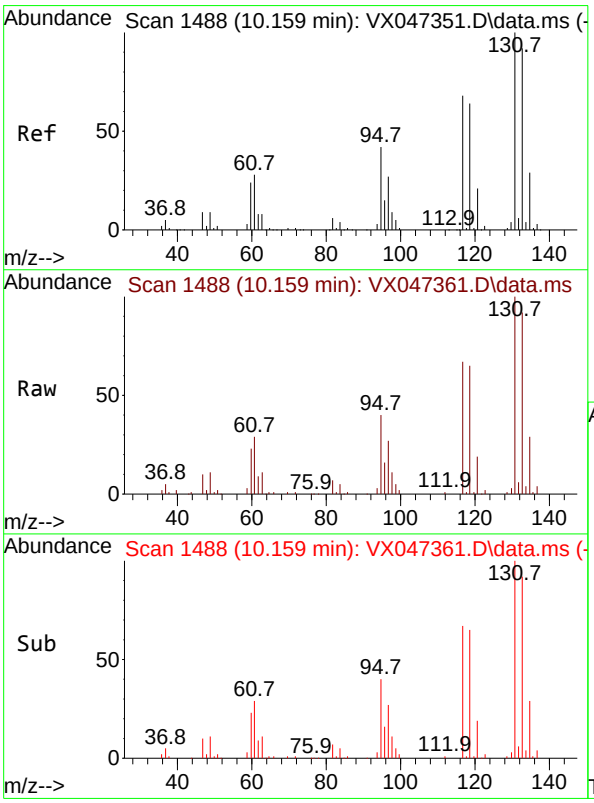
#65
Chlorobenzene
Concen: 17.114 ug/l
RT: 10.079 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Tgt Ion:112 Resp: 149103

Ion	Ratio	Lower	Upper
112	100		
114	32.9	26.4	39.6

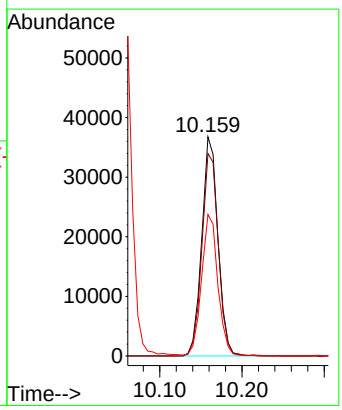


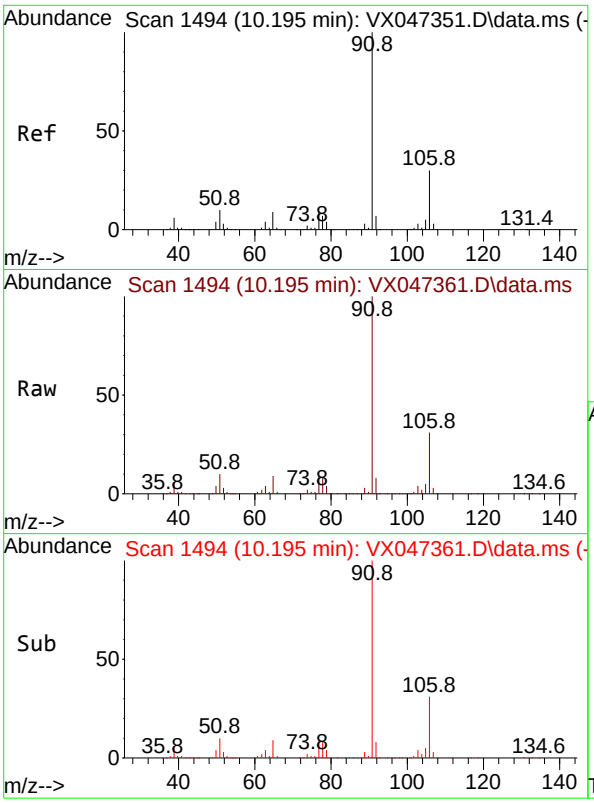


#66
1,1,1,2-Tetrachloroethane
Concen: 17.041 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion:131 Resp: 50188

Ion	Ratio	Lower	Upper
131	100		
133	93.9	47.6	142.9
119	65.1	32.3	96.8



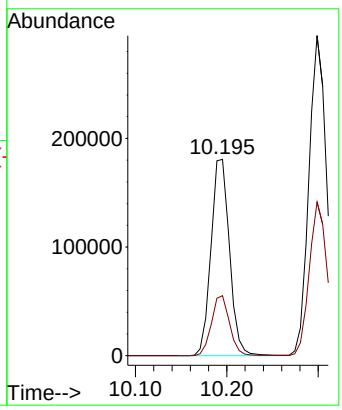


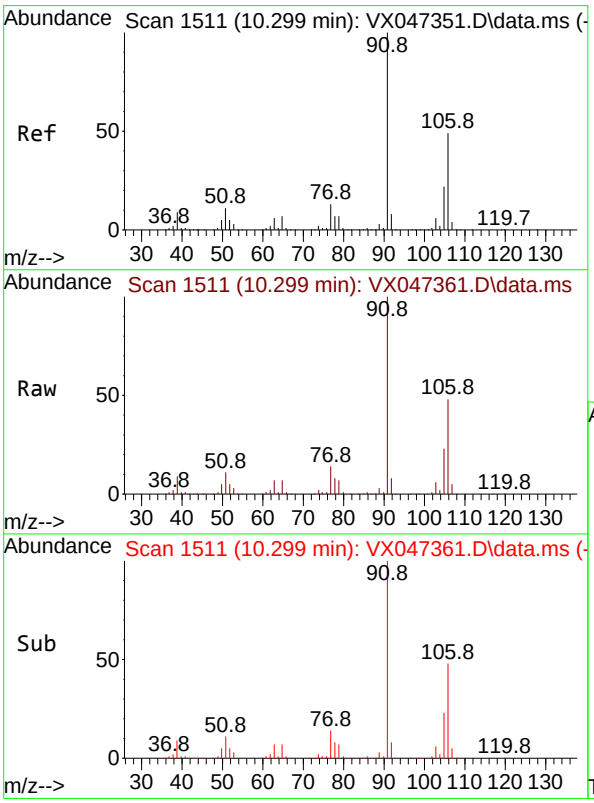
#67
Ethyl Benzene
Concen: 16.958 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Tgt Ion: 91 Resp: 254295

Ion	Ratio	Lower	Upper
91	100		
106	30.6	24.4	36.6

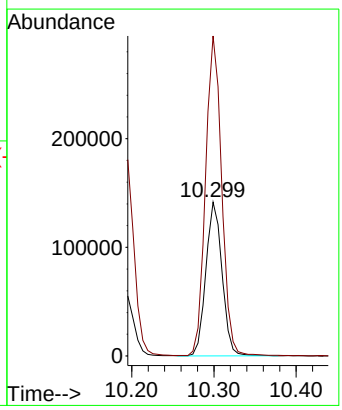


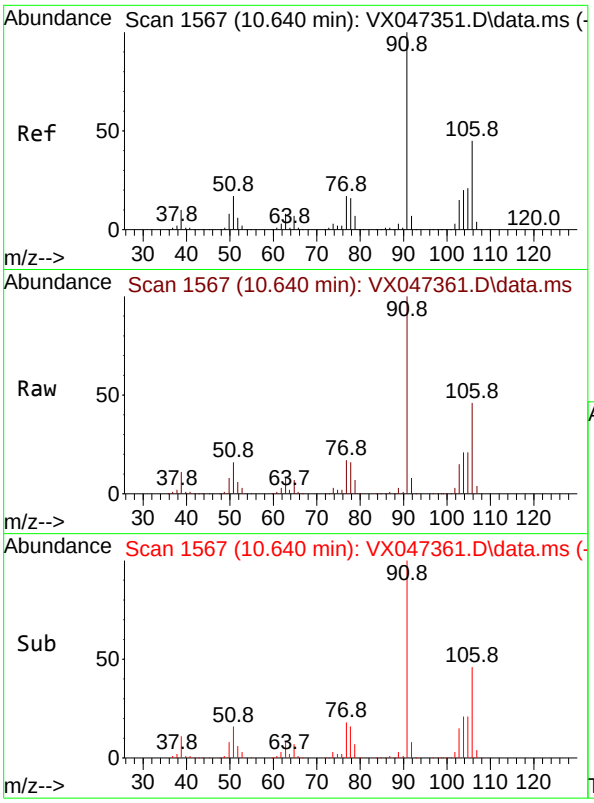


#68
m/p-Xylenes
Concen: 34.534 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion:106 Resp: 193092

Ion	Ratio	Lower	Upper
106	100		
91	208.6	164.7	247.1



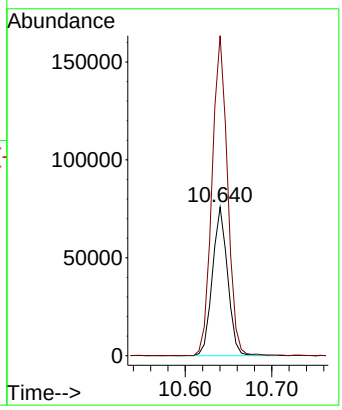


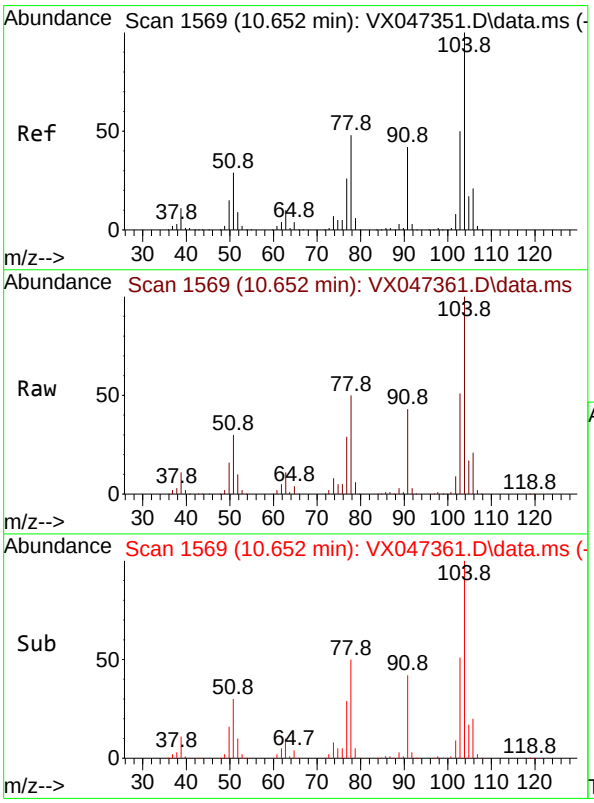
#69
o-Xylene
Concen: 17.183 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Tgt Ion:106 Resp: 92460

Ion	Ratio	Lower	Upper
106	100		
91	220.1	110.6	331.8

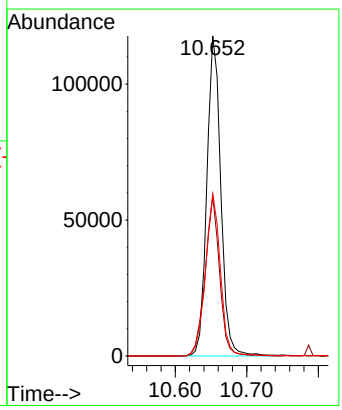


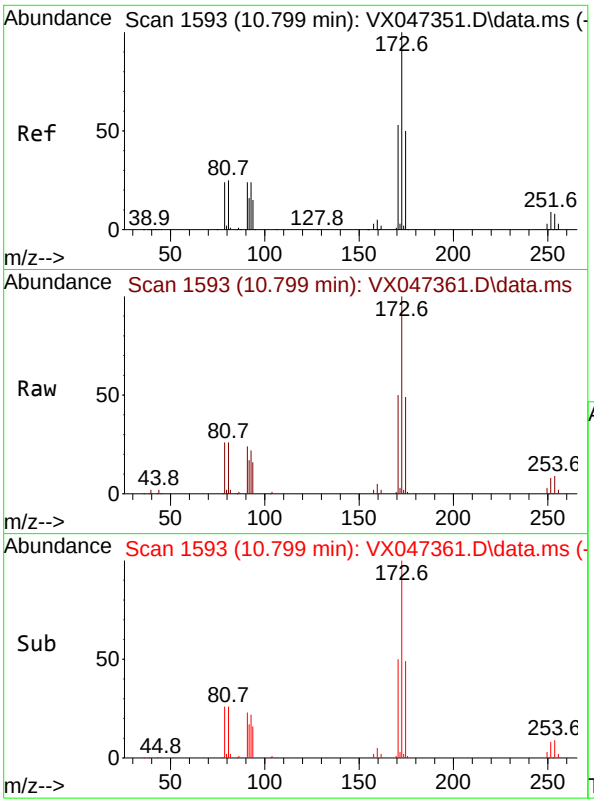


#70
Styrene
Concen: 17.552 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion:104 Resp: 159574

Ion	Ratio	Lower	Upper
104	100		
78	51.6	41.8	62.8
103	54.3	43.6	65.4



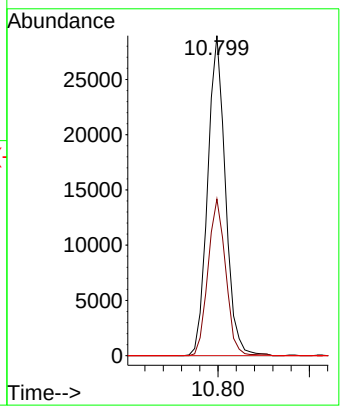


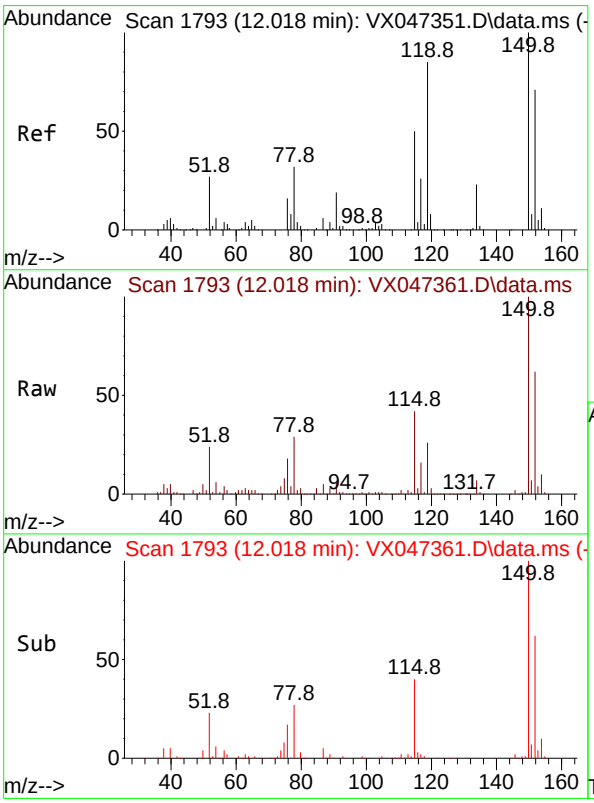
#71
Bromoform
Concen: 17.596 ug/l
RT: 10.799 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Tgt Ion:173 Resp: 38932

Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.4	73.4
254	0.0	0.1	0.1#

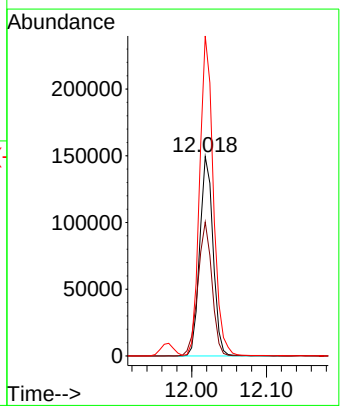


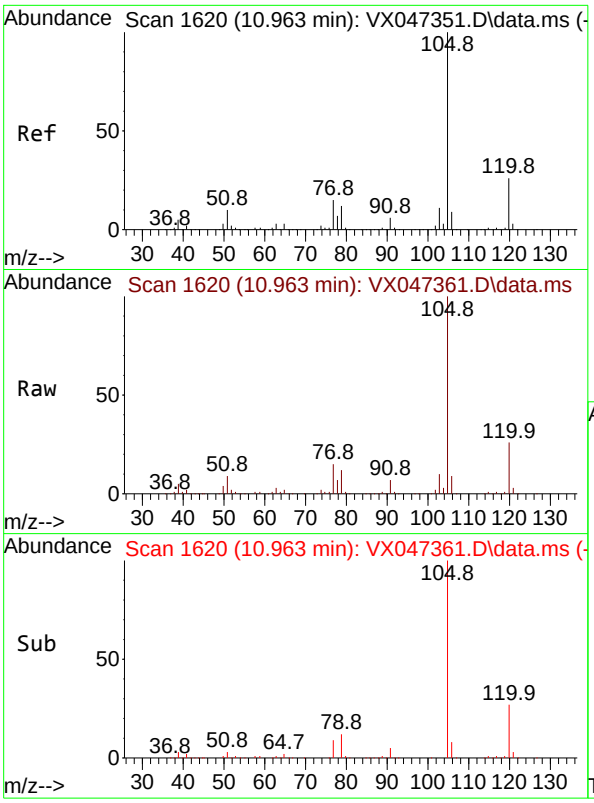


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion:152 Resp: 184649

Ion	Ratio	Lower	Upper
152	100		
115	71.2	44.6	133.8
150	164.7	0.0	349.8



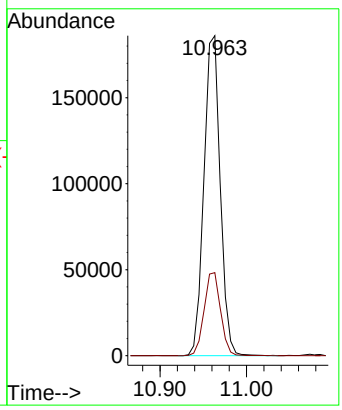


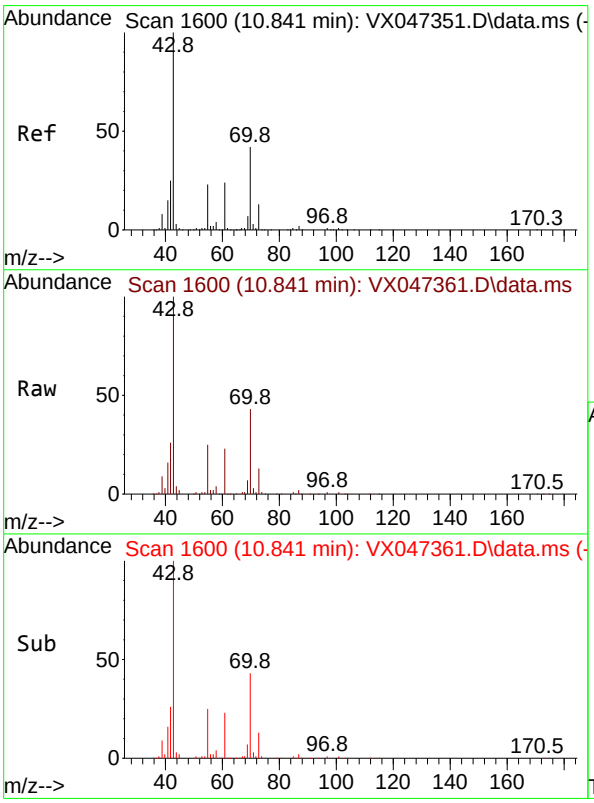
#73
Isopropylbenzene
Concen: 16.831 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Tgt Ion:105 Resp: 243208

Ion	Ratio	Lower	Upper
105	100		
120	26.2	12.9	38.6

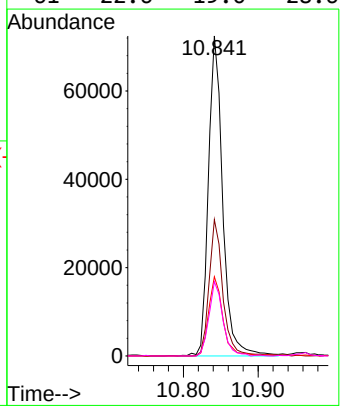


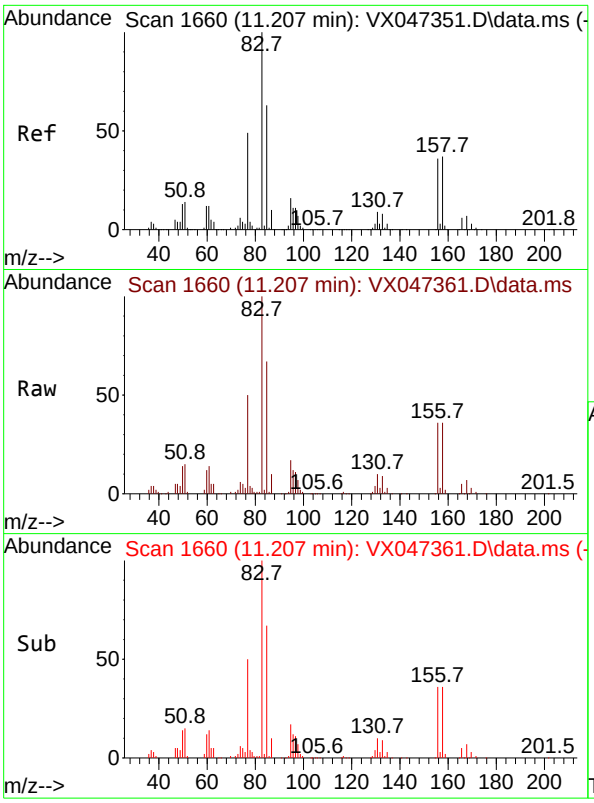


#74
N-amyl acetate
Concen: 17.584 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 43 Resp: 96485

Ion	Ratio	Lower	Upper
43	100		
70	41.2	33.1	49.7
55	24.6	19.0	28.6
61	22.6	19.0	28.6



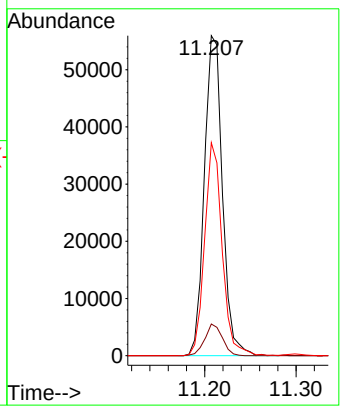


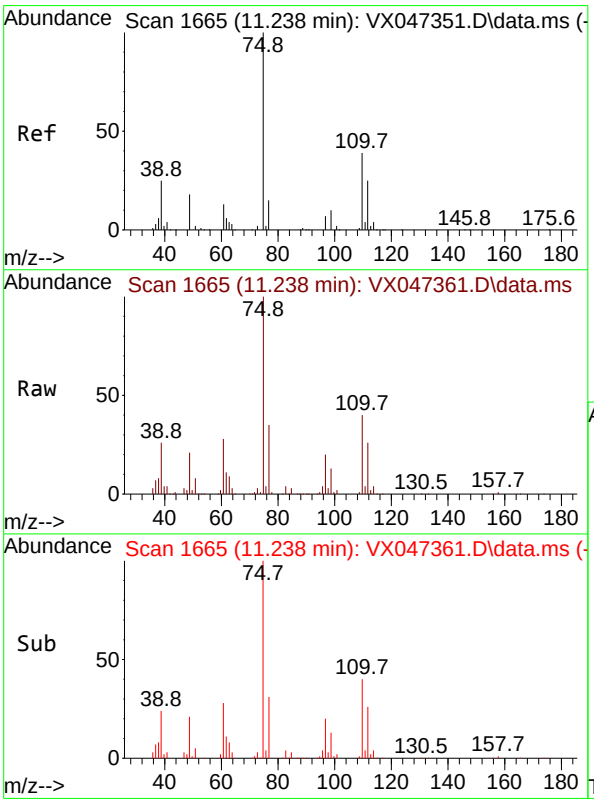
#75
1,1,2,2-Tetrachloroethane
Concen: 18.070 ug/l
RT: 11.207 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Tgt Ion: 83 Resp: 76661

Ion	Ratio	Lower	Upper
83	100		
131	9.6	5.0	15.0
85	64.5	31.7	95.1

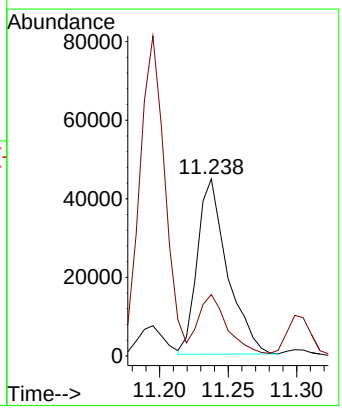


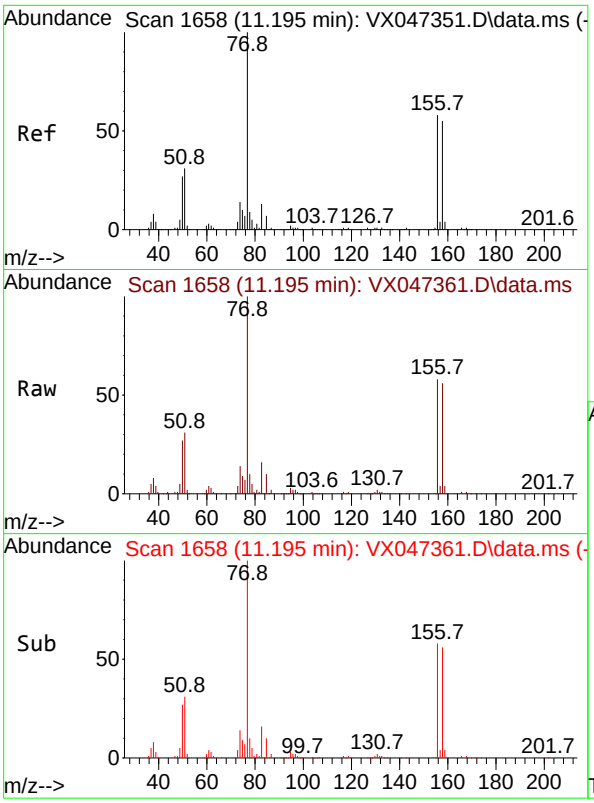


#76
1,2,3-Trichloropropane
Concen: 20.068 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 75 Resp: 67965

Ion	Ratio	Lower	Upper
75	100		
77	34.3	19.4	58.2



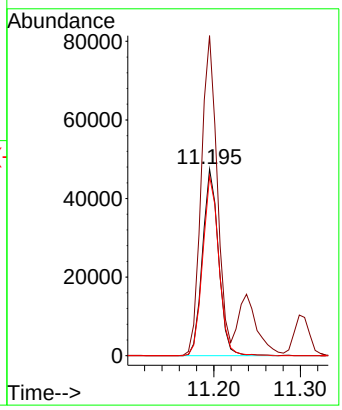


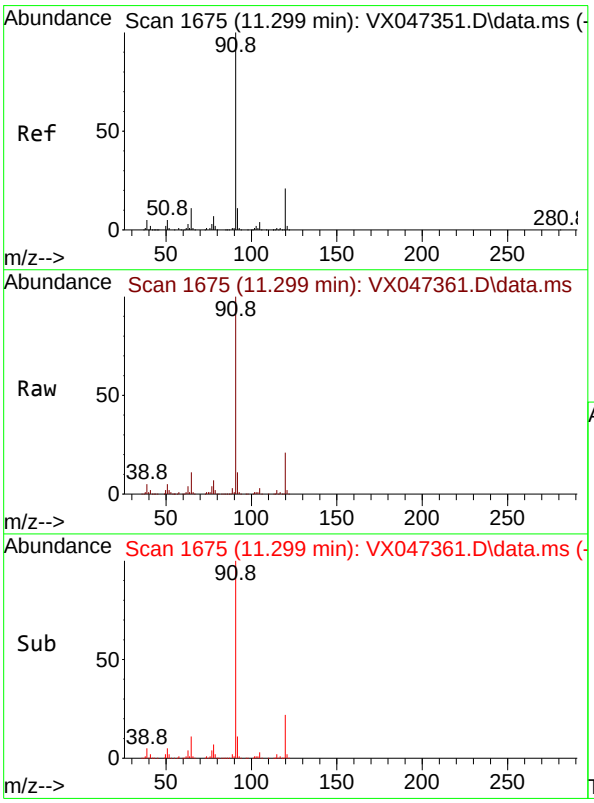
#77
Bromobenzene
Concen: 17.292 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Tgt Ion:156 Resp: 61015

Ion	Ratio	Lower	Upper
156	100		
77	171.4	86.3	258.9
158	97.0	48.0	144.2

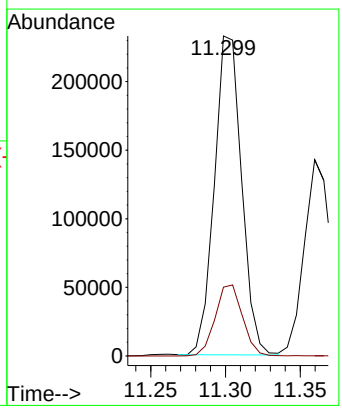


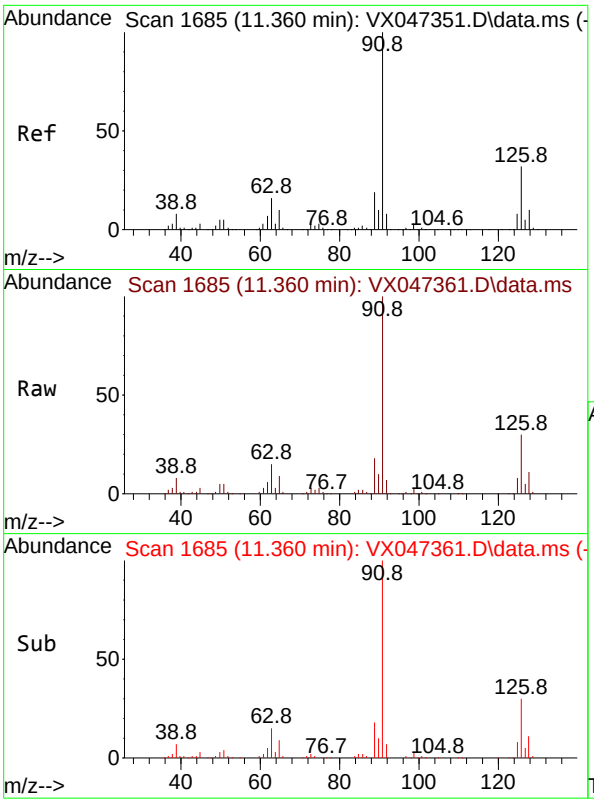


#78
n-propylbenzene
Concen: 17.048 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 91 Resp: 294205

Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.0	33.0



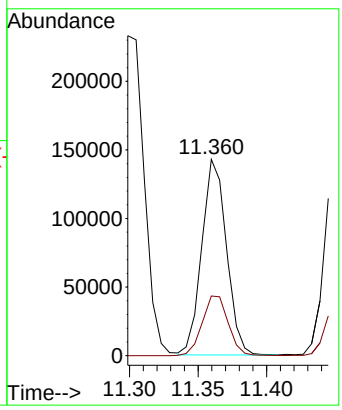


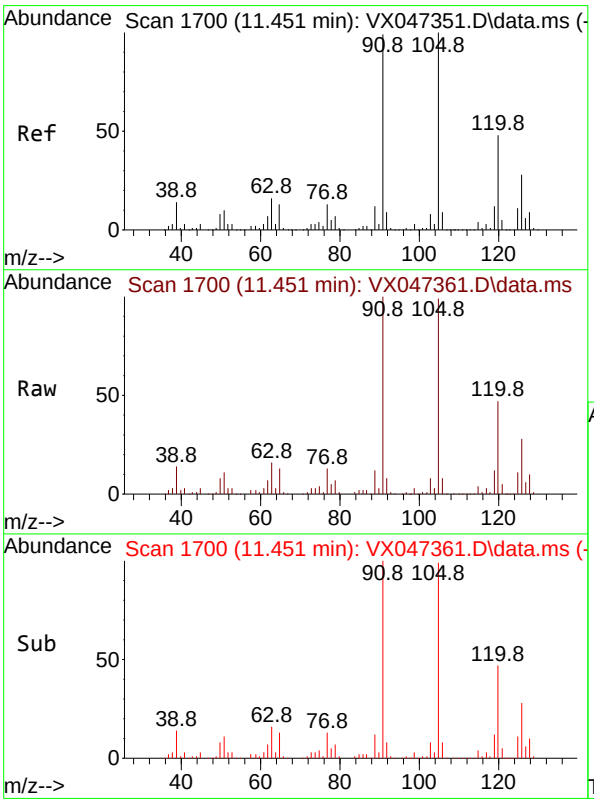
#79
2-Chlorotoluene
Concen: 17.118 ug/l
RT: 11.360 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Tgt Ion: 91 Resp: 178579

Ion	Ratio	Lower	Upper
91	100		
126	32.3	16.7	50.1

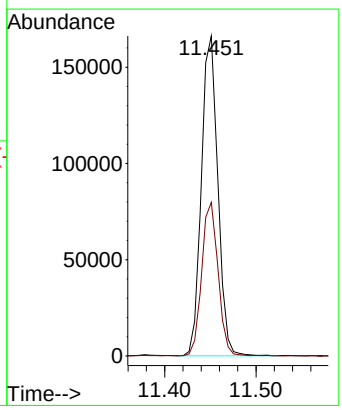


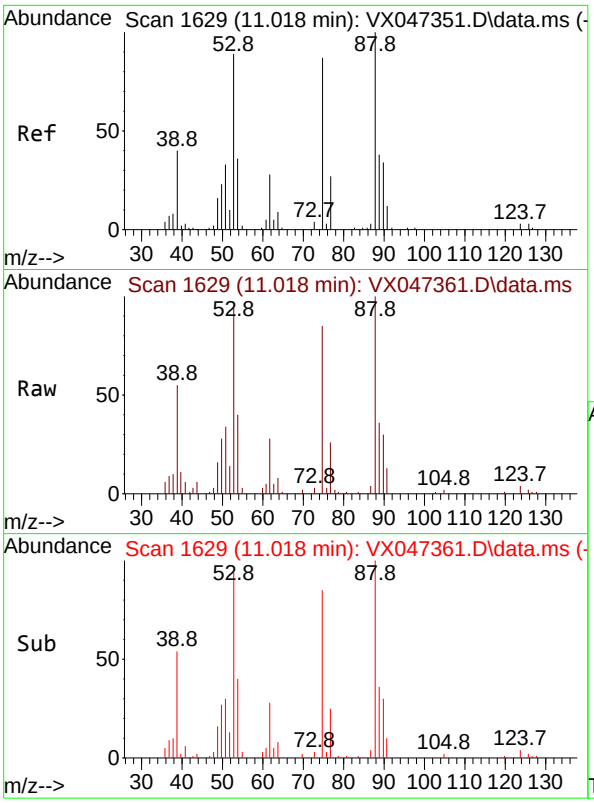


#80
1,3,5-Trimethylbenzene
Concen: 17.421 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion:105 Resp: 207123

Ion	Ratio	Lower	Upper
105	100		
120	48.0	23.9	71.7



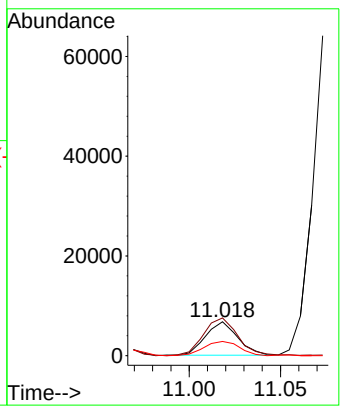


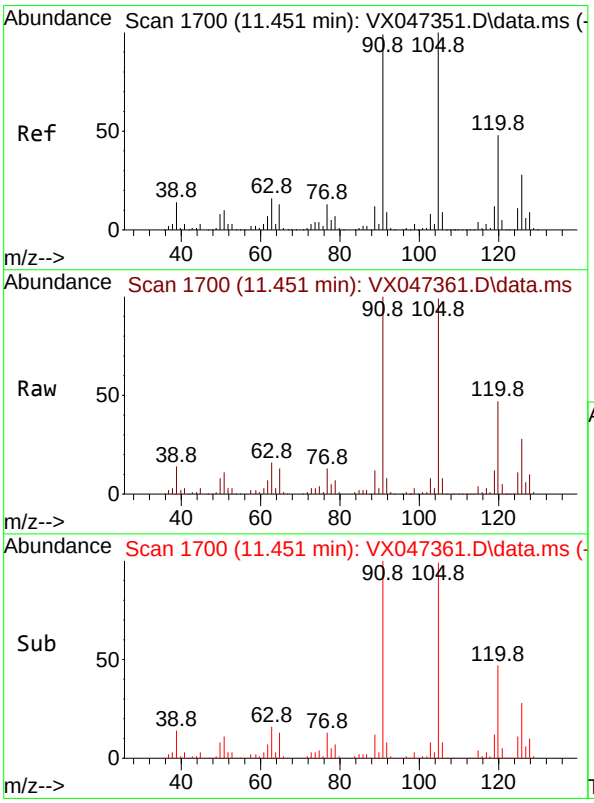
#81
trans-1,4-Dichloro-2-butene
Concen: 16.672 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Tgt Ion: 75 Resp: 8143

Ion	Ratio	Lower	Upper
75	100		
53	123.3	85.2	127.8
89	48.6	36.7	55.1

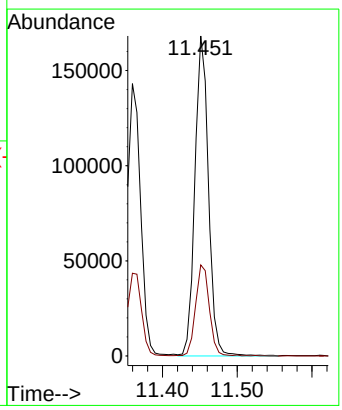


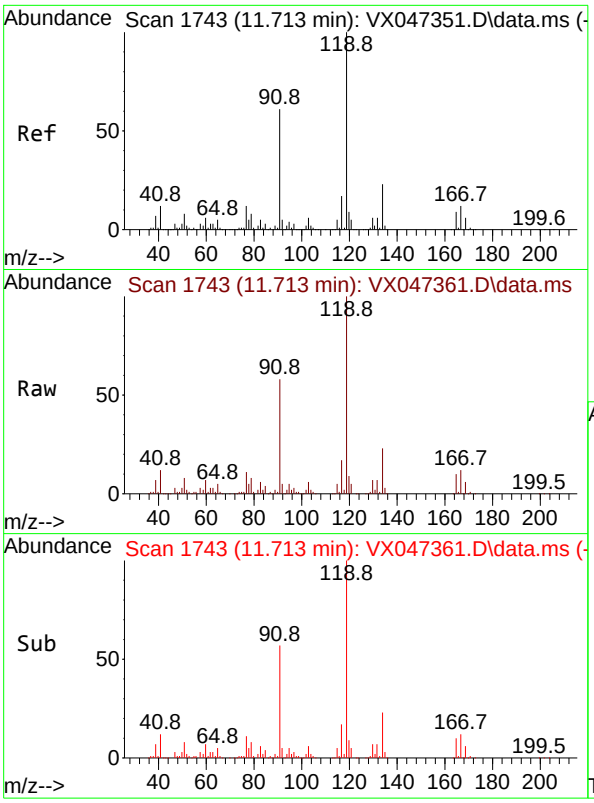


#82
4-Chlorotoluene
Concen: 17.234 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 91 Resp: 211939

Ion	Ratio	Lower	Upper
91	100		
126	28.7	14.4	43.0



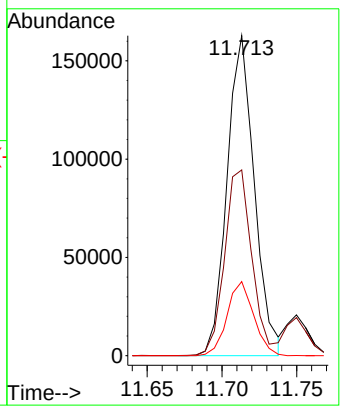


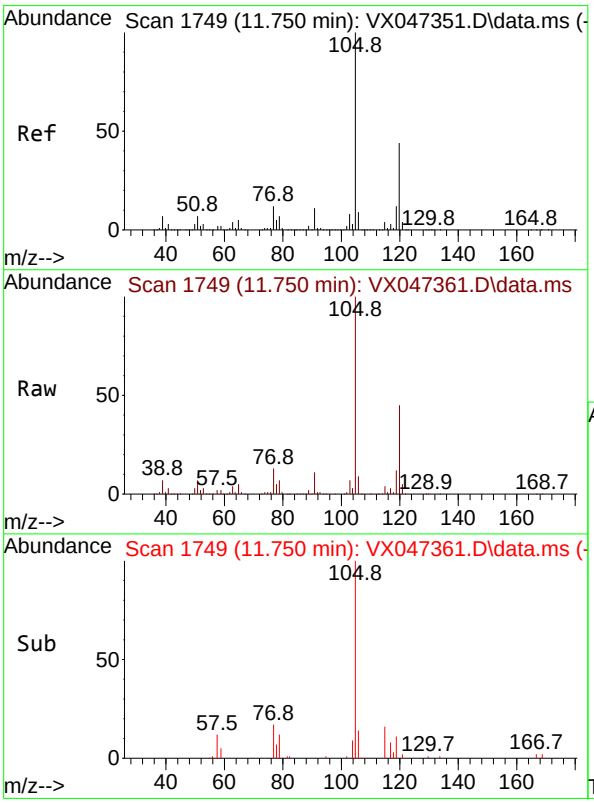
#83
tert-Butylbenzene
Concen: 17.448 ug/l
RT: 11.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Tgt Ion:119 Resp: 206952

Ion	Ratio	Lower	Upper
119	100		
91	57.5	29.1	87.4
134	22.6	11.3	33.9

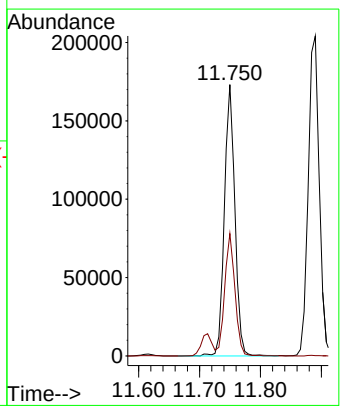


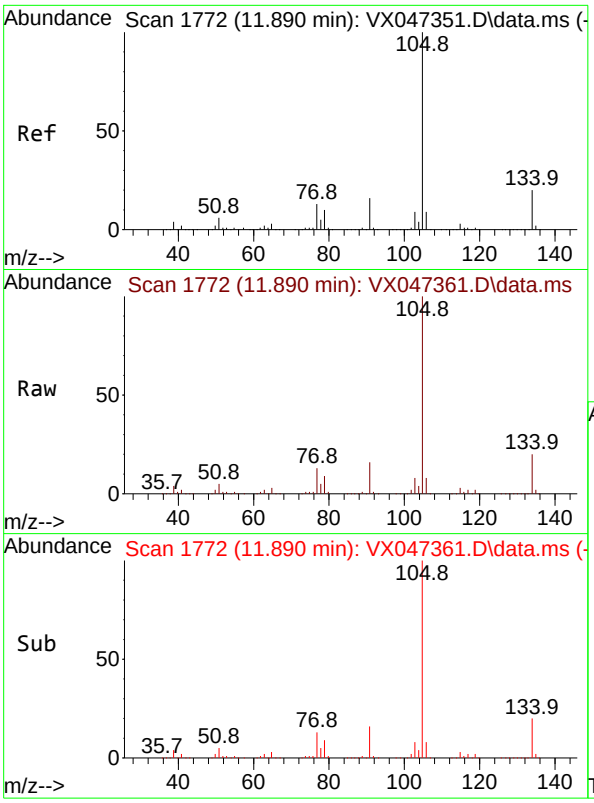


#84
1,2,4-Trimethylbenzene
Concen: 17.483 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion:105 Resp: 207859

Ion	Ratio	Lower	Upper
105	100		
120	44.3	21.9	65.7



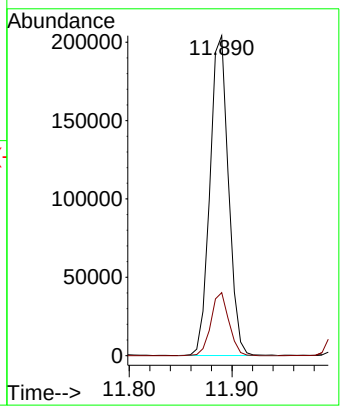


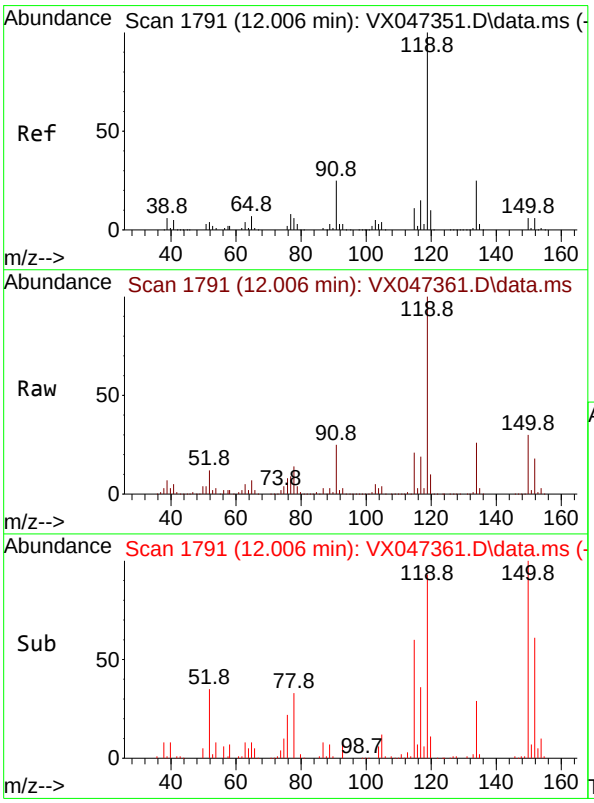
#85
sec-Butylbenzene
Concen: 17.381 ug/l
RT: 11.890 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Tgt Ion:105 Resp: 255532

Ion	Ratio	Lower	Upper
105	100		
134	19.2	9.8	29.5

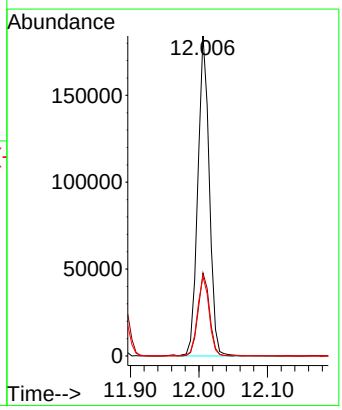


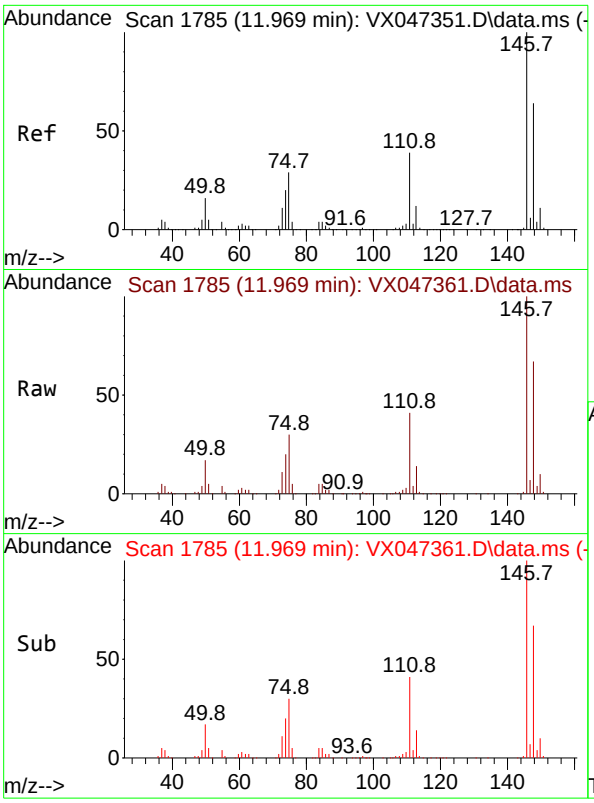


#86
p-Isopropyltoluene
Concen: 17.254 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion:119 Resp: 214649

Ion	Ratio	Lower	Upper
119	100		
134	25.9	12.8	38.4
91	25.2	12.4	37.4



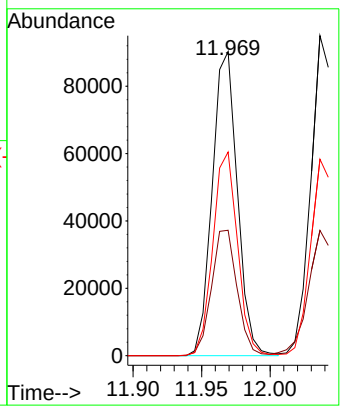


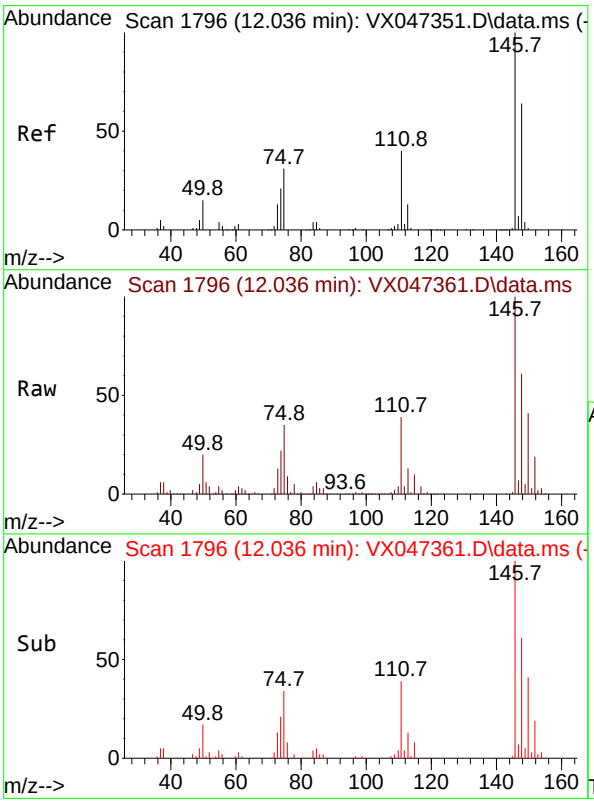
#87
1,3-Dichlorobenzene
Concen: 17.083 ug/l
RT: 11.969 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Tgt Ion:146 Resp: 115154

Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.6	61.8
148	65.8	31.9	95.5

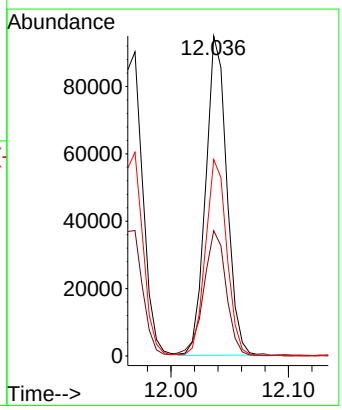


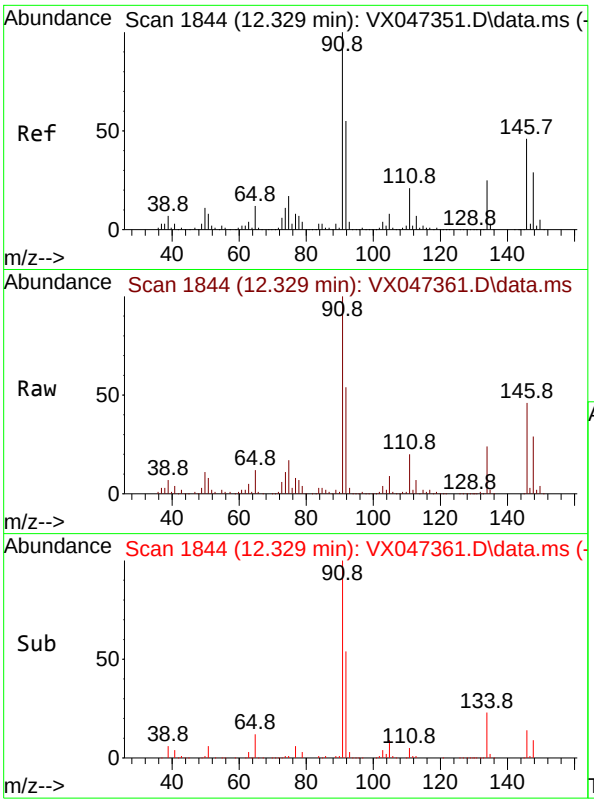


#88
1,4-Dichlorobenzene
Concen: 17.050 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion:146 Resp: 118203

Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.4	61.2
148	62.8	31.7	95.1



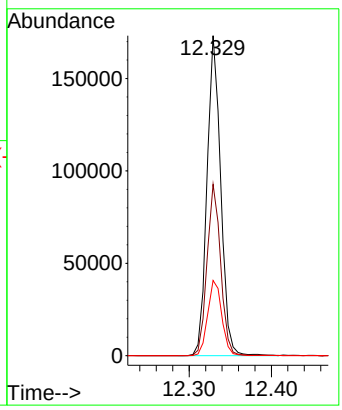


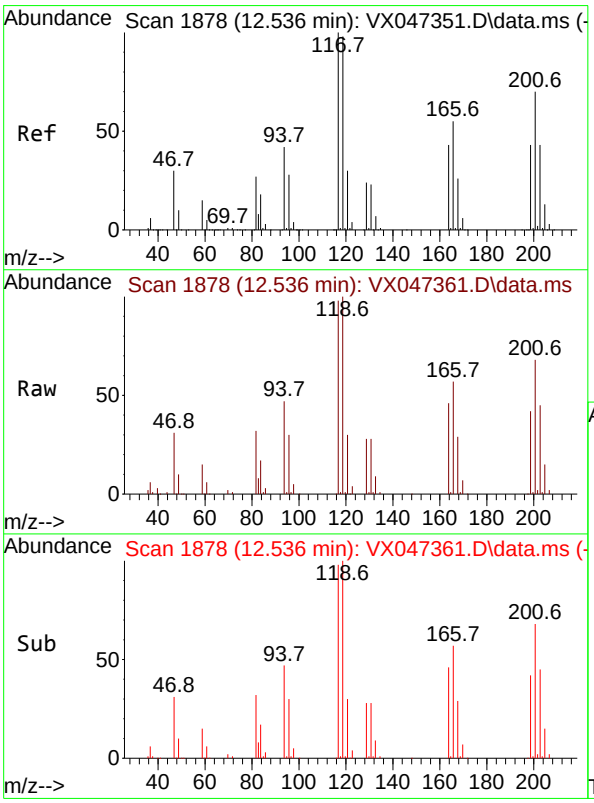
#89
n-Butylbenzene
Concen: 17.292 ug/l
RT: 12.329 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Tgt Ion: 91 Resp: 200086

Ion	Ratio	Lower	Upper
91	100		
92	53.2	27.2	81.5
134	24.2	12.6	37.8

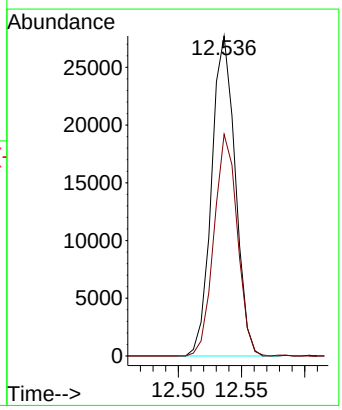


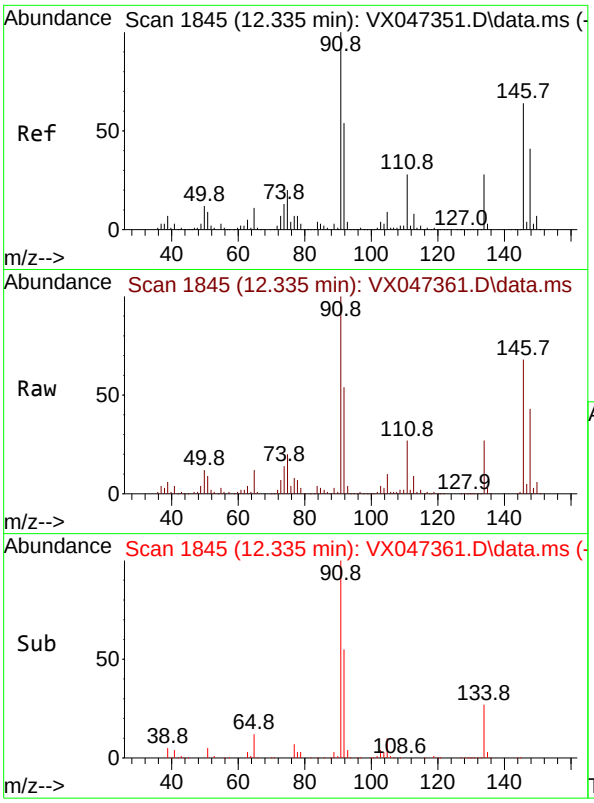


#90
Hexachloroethane
Concen: 16.490 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion:117 Resp: 35990

Ion	Ratio	Lower	Upper
117	100		
201	68.4	35.1	105.3



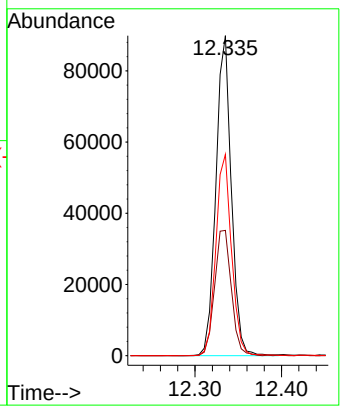


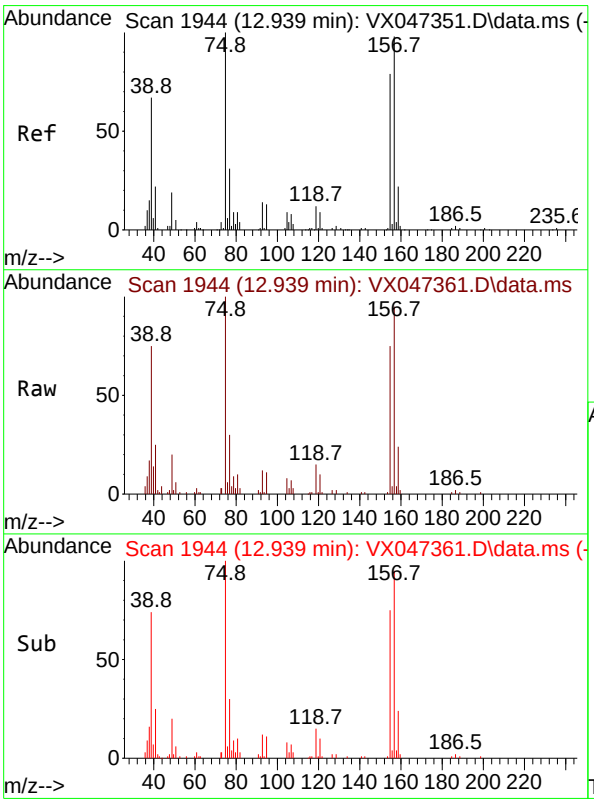
#91
1,2-Dichlorobenzene
Concen: 17.352 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Tgt Ion:146 Resp: 111022

Ion	Ratio	Lower	Upper
146	100		
111	42.6	22.1	66.1
148	64.1	31.9	95.5

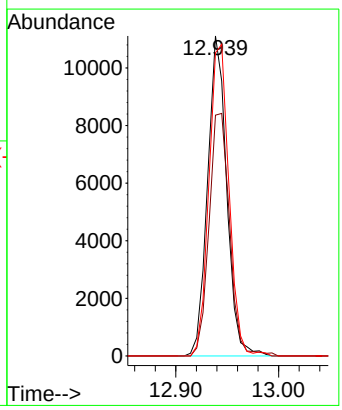


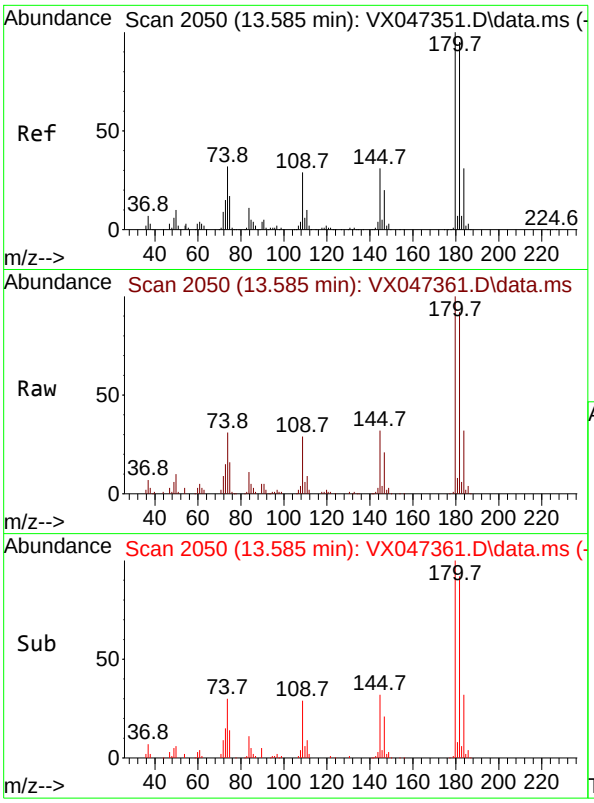


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.494 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 75 Resp: 14353

Ion	Ratio	Lower	Upper
75	100		
155	81.3	41.3	123.7
157	102.0	51.5	154.5



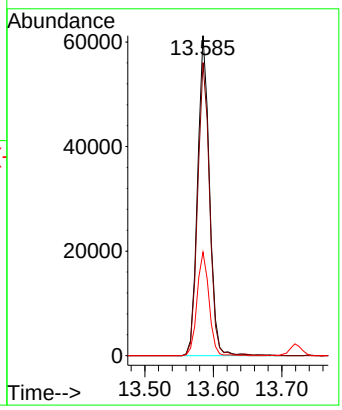


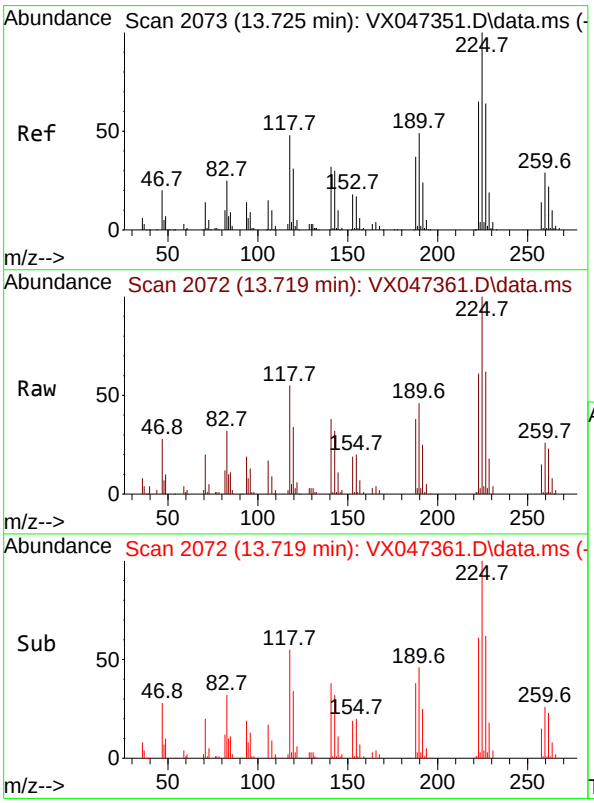
#93
1,2,4-Trichlorobenzene
Concen: 17.239 ug/l
RT: 13.585 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Tgt Ion:180 Resp: 73944

Ion	Ratio	Lower	Upper
180	100		
182	91.7	48.1	144.4
145	32.4	16.2	48.5

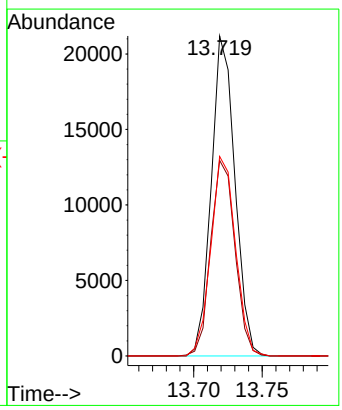


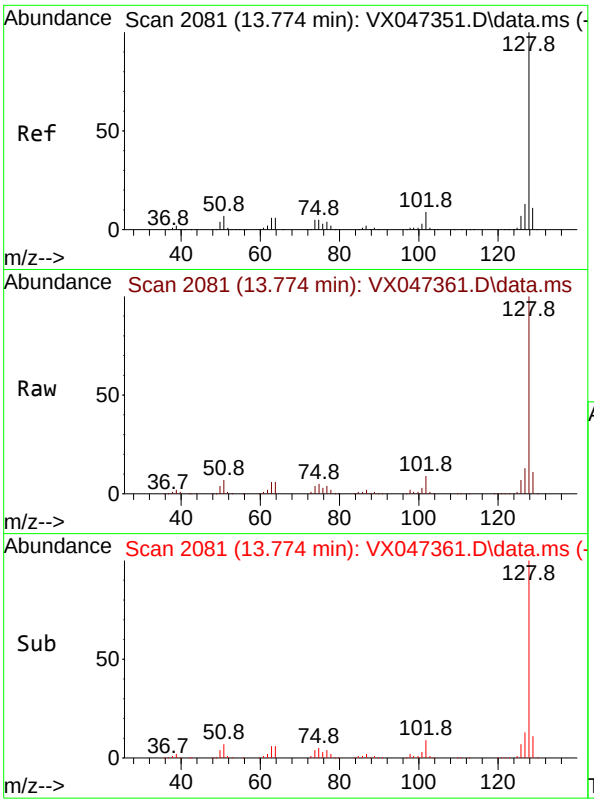


#94
Hexachlorobutadiene
Concen: 16.648 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion:225 Resp: 25418

Ion	Ratio	Lower	Upper
225	100		
223	62.6	32.2	96.6
227	65.0	31.6	95.0



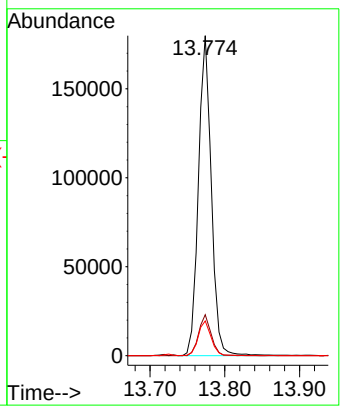


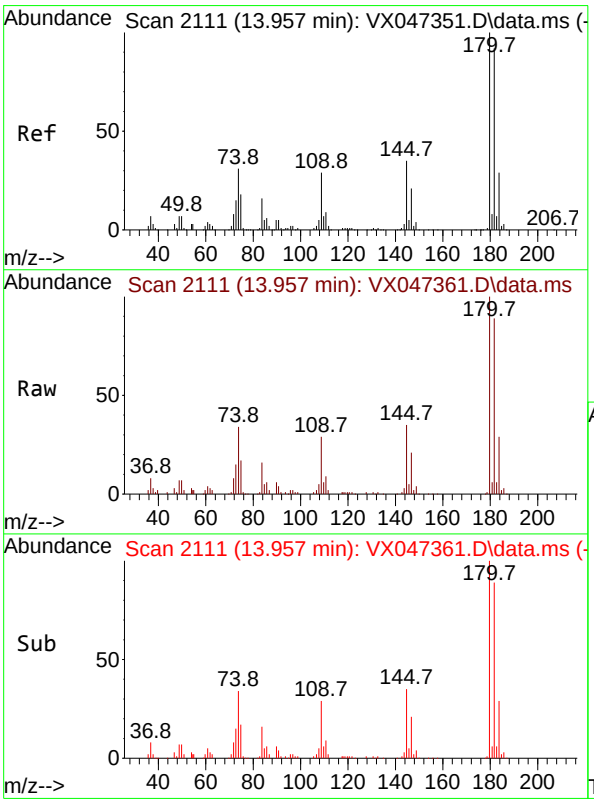
#95
Naphthalene
Concen: 17.545 ug/l
RT: 13.774 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD01

Tgt Ion:128 Resp: 215065

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.1	15.1
129	10.9	8.7	13.1

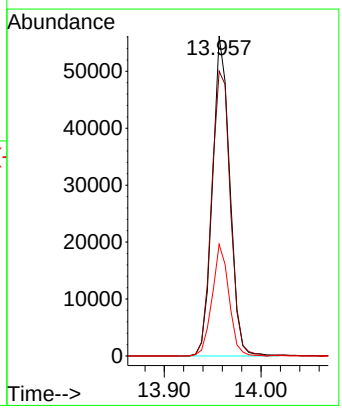




#96
1,2,3-Trichlorobenzene
Concen: 17.163 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047361.D
Acq: 15 Aug 2025 14:49

Tgt Ion:180 Resp: 69392

Ion	Ratio	Lower	Upper
180	100		
182	96.8	48.0	144.2
145	33.9	17.4	52.2



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047369.D
Acq On : 15 Aug 2025 17:41
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Aug 18 04:37:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.568	168	247357	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	423716	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	377122	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	185359	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	171384	49.507	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 99.020%			
35) Dibromofluoromethane	5.397	113	135646	49.327	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.660%			
50) Toluene-d8	8.653	98	478569	48.689	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.380%			
62) 4-Bromofluorobenzene	11.079	95	180848	49.860	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.720%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	158651	50.314	ug/l	100
3) Chloromethane	1.313	50	134270	47.334	ug/l	99
4) Vinyl Chloride	1.392	62	171563	48.186	ug/l	98
5) Bromomethane	1.630	94	76702	53.336	ug/l	96
6) Chloroethane	1.703	64	101952	46.802	ug/l	98
7) Trichlorofluoromethane	1.910	101	253193	48.077	ug/l	99
8) Diethyl Ether	2.148	74	90479	48.793	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.349	101	150994	49.427	ug/l	99
10) Methyl Iodide	2.471	142	220054	42.033	ug/l	98
11) Tert butyl alcohol	2.965	59	79179	262.913	ug/l	97
12) 1,1-Dichloroethene	2.337	96	152014	48.810	ug/l	97
13) Acrolein	2.251	56	138429	217.746	ug/l	98
14) Allyl chloride	2.684	41	257321	47.570	ug/l	99
15) Acrylonitrile	3.081	53	385440	264.860	ug/l	99
16) Acetone	2.392	43	299321	230.028	ug/l	97
17) Carbon Disulfide	2.532	76	421504	44.850	ug/l	100
18) Methyl Acetate	2.715	43	177638	52.680	ug/l	100
19) Methyl tert-butyl Ether	3.129	73	465768	49.159	ug/l	98
20) Methylene Chloride	2.806	84	163125	47.342	ug/l	98
21) trans-1,2-Dichloroethene	3.111	96	157906	47.770	ug/l	95
22) Diisopropyl ether	3.776	45	531257	49.685	ug/l	94
23) Vinyl Acetate	3.733	43	2202905	251.356	ug/l	100
24) 1,1-Dichloroethane	3.629	63	293208	48.514	ug/l	99
25) 2-Butanone	4.574	43	438422	257.259	ug/l	97
26) 2,2-Dichloropropane	4.495	77	207612	45.513	ug/l	100
27) cis-1,2-Dichloroethene	4.507	96	184588	47.944	ug/l	98
28) Bromochloromethane	4.916	49	125336	49.836	ug/l	99
29) Tetrahydrofuran	5.025	42	286476	260.079	ug/l	99
30) Chloroform	5.111	83	298914	48.462	ug/l	100
31) Cyclohexane	5.489	56	262926	47.193	ug/l	98
32) 1,1,1-Trichloroethane	5.403	97	253848	47.814	ug/l	99
36) 1,1-Dichloropropene	5.708	75	202458	46.638	ug/l	98
37) Ethyl Acetate	4.727	43	222836	49.446	ug/l	99
38) Carbon Tetrachloride	5.690	117	222454	46.894	ug/l	99
39) Methylcyclohexane	7.385	83	253595	46.834	ug/l	96
40) Benzene	6.050	78	621000	47.793	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047369.D
Acq On : 15 Aug 2025 17:41
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Aug 18 04:37:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.940	41	98224	51.686	ug/l		98
42) 1,2-Dichloroethane	6.098	62	217943	47.354	ug/l		100
43) Isopropyl Acetate	6.348	43	325347	50.253	ug/l		99
44) Trichloroethene	7.135	130	158017	47.495	ug/l		99
45) 1,2-Dichloropropane	7.440	63	154952	47.602	ug/l		97
46) Dibromomethane	7.586	93	112171	47.466	ug/l		99
47) Bromodichloromethane	7.824	83	232890	47.537	ug/l		99
48) Methyl methacrylate	7.696	41	168816	50.235	ug/l		99
49) 1,4-Dioxane	7.683	88	30822	943.476	ug/l		97
51) 4-Methyl-2-Pentanone	8.573	43	985485	264.515	ug/l		99
52) Toluene	8.720	92	385041	47.956	ug/l		99
53) t-1,3-Dichloropropene	8.982	75	210802	49.301	ug/l		97
54) cis-1,3-Dichloropropene	8.372	75	233636	48.275	ug/l		98
55) 1,1,2-Trichloroethane	9.153	97	147563	48.406	ug/l		97
56) Ethyl methacrylate	9.116	69	228646	50.873	ug/l		98
57) 1,3-Dichloropropane	9.311	76	251527	48.422	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.244	63	495476	231.506	ug/l		98
59) 2-Hexanone	9.433	43	678869	263.424	ug/l		100
60) Dibromochloromethane	9.518	129	171539	47.350	ug/l		100
61) 1,2-Dibromoethane	9.610	107	151027	48.044	ug/l		100
64) Tetrachloroethene	9.275	164	128802	47.219	ug/l		98
65) Chlorobenzene	10.079	112	419976	46.862	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.159	131	143495	47.366	ug/l		99
67) Ethyl Benzene	10.195	91	742426	48.132	ug/l		100
68) m/p-Xylenes	10.299	106	556218	96.708	ug/l		99
69) o-Xylene	10.640	106	267582	48.345	ug/l		99
70) Styrene	10.652	104	465494	49.774	ug/l		99
71) Bromoform	10.799	173	111925	49.178	ug/l	#	99
73) Isopropylbenzene	10.963	105	698402	48.148	ug/l		100
74) N-amyl acetate	10.841	43	290383	52.718	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	208867	49.044	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	197186	58.001	ug/l		90
77) Bromobenzene	11.195	156	171008	48.280	ug/l		98
78) n-propylbenzene	11.305	91	836824	48.305	ug/l		99
79) 2-Chlorotoluene	11.360	91	493814	47.154	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	576641	48.316	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	30626	40.864	ug/l		95
82) 4-Chlorotoluene	11.451	91	588084	47.639	ug/l		100
83) tert-Butylbenzene	11.713	119	577466	48.498	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	580775	48.662	ug/l		100
85) sec-Butylbenzene	11.890	105	715409	48.475	ug/l		100
86) p-Isopropyltoluene	12.006	119	598935	47.959	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	316260	46.738	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	316284	45.446	ug/l		99
89) n-Butylbenzene	12.329	91	552112	47.531	ug/l		99
90) Hexachloroethane	12.536	117	103982	47.461	ug/l		97
91) 1,2-Dichlorobenzene	12.335	146	298289	46.443	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	41755	50.697	ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	199103	46.241	ug/l		99
94) Hexachlorobutadiene	13.719	225	62693	40.906	ug/l		99
95) Naphthalene	13.774	128	630795	51.265	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	190800	47.011	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047369.D
Acq On : 15 Aug 2025 17:41
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Aug 18 04:37:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

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

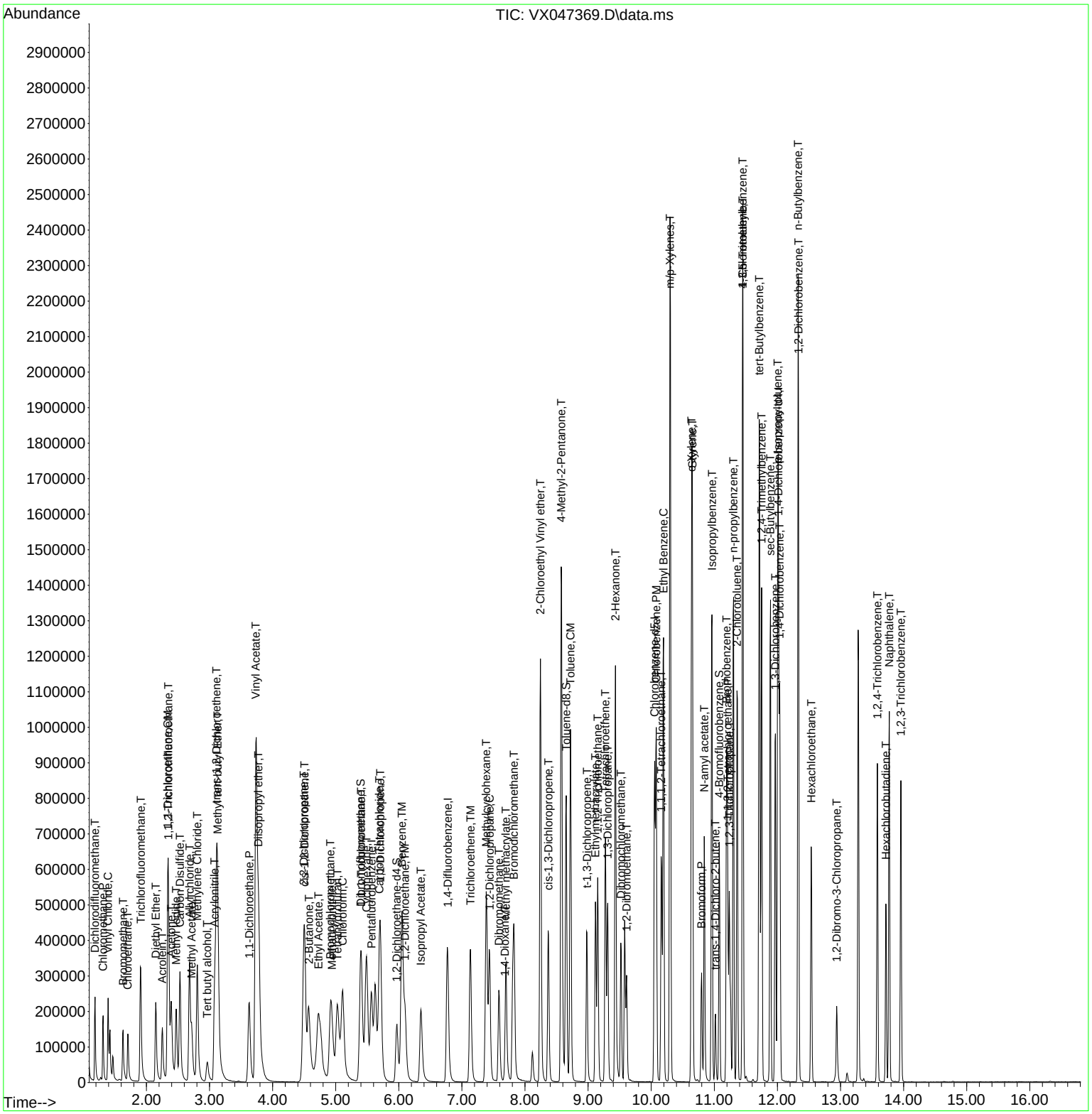
(#) = qualifier out of range (m) = manual integration (+) = signals summed

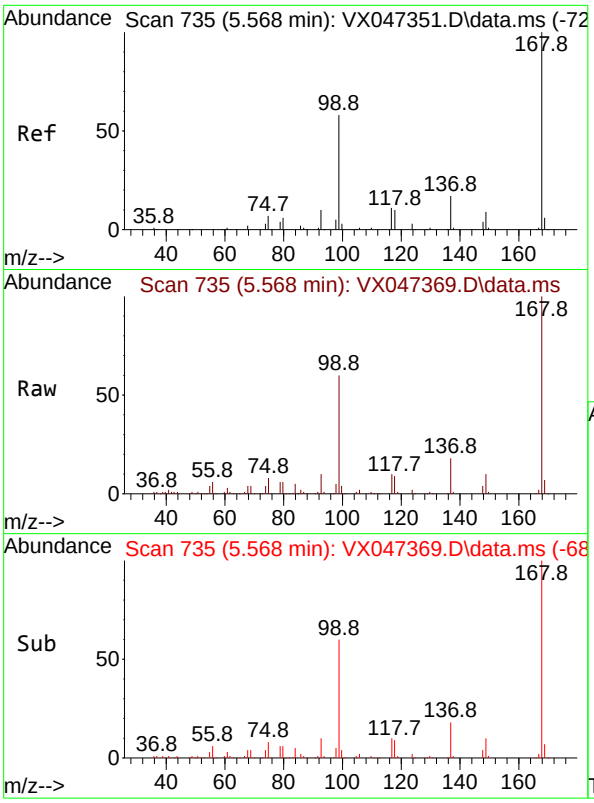
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047369.D
Acq On : 15 Aug 2025 17:41
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Aug 18 04:37:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration



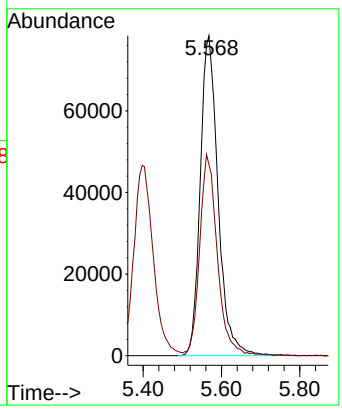


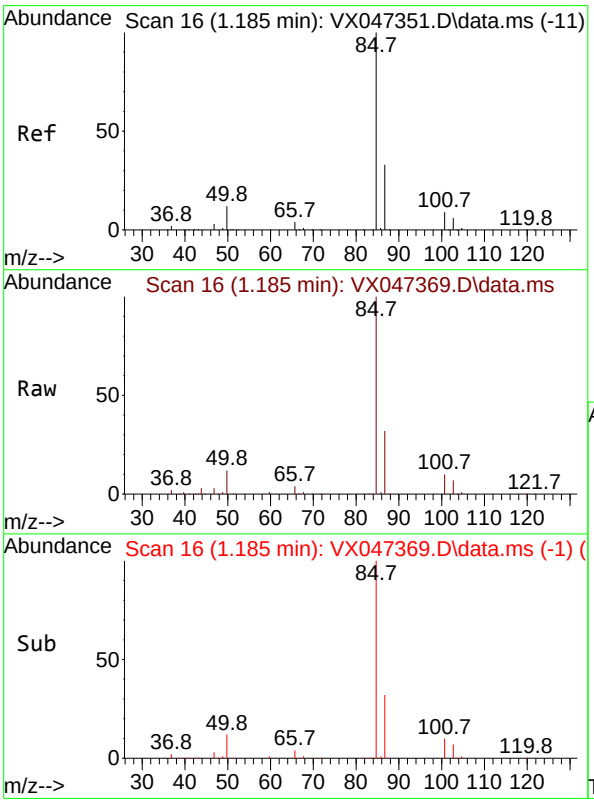
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 247357

Ion	Ratio	Lower	Upper
168	100		
99	59.6	47.9	71.9

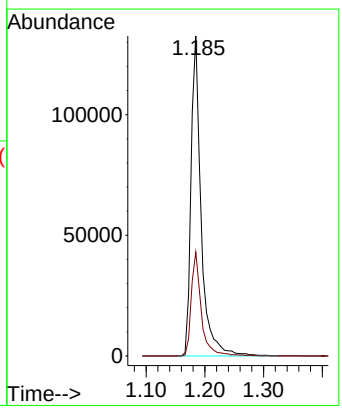


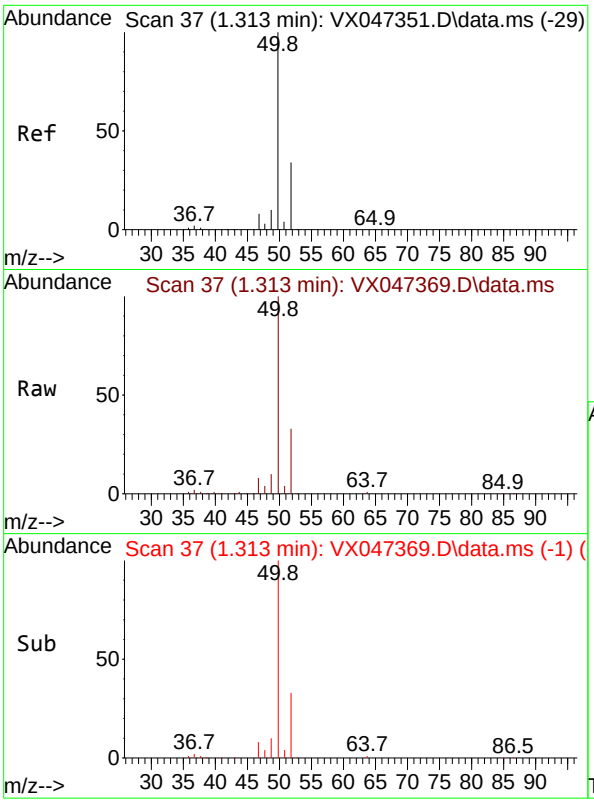


#2
Dichlorodifluoromethane
Concen: 50.314 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 85 Resp: 158651

Ion	Ratio	Lower	Upper
85	100		
87	32.5	16.4	49.1



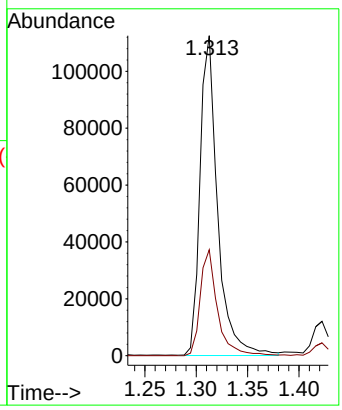


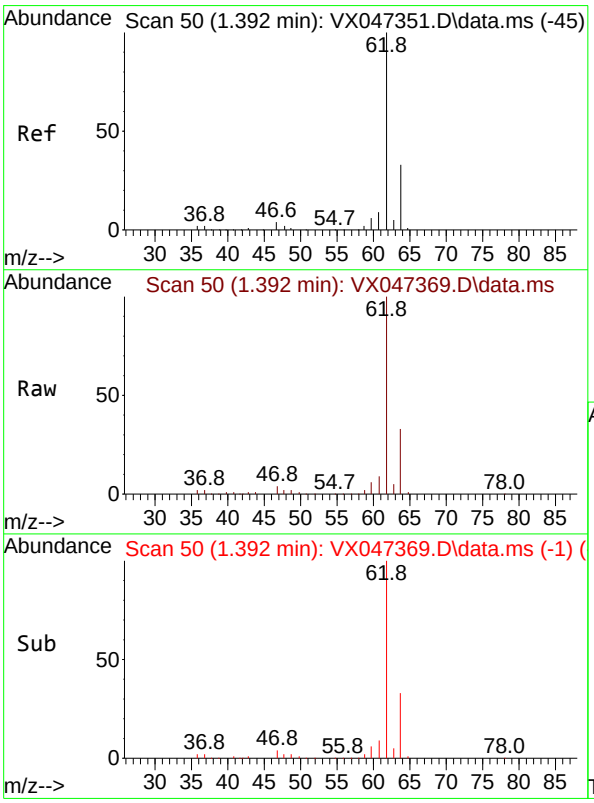
#3
Chloromethane
Concen: 47.334 ug/l
RT: 1.313 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 134270

Ion	Ratio	Lower	Upper
50	100		
52	33.2	27.0	40.4

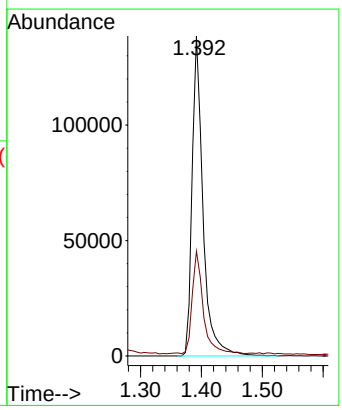


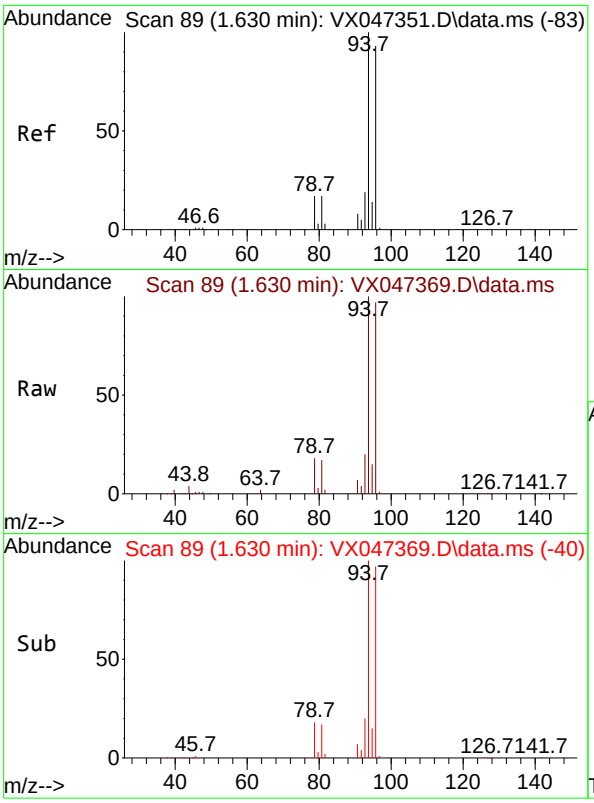


#4
Vinyl Chloride
Concen: 48.186 ug/l
RT: 1.392 min Scan# 50
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 62 Resp: 171563

Ion	Ratio	Lower	Upper
62	100		
64	32.0	26.5	39.7



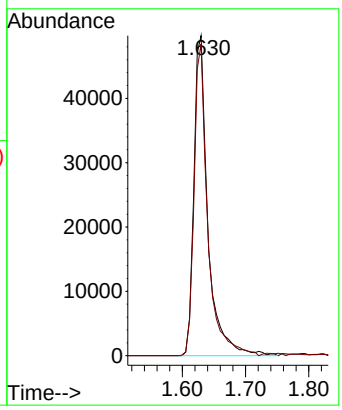


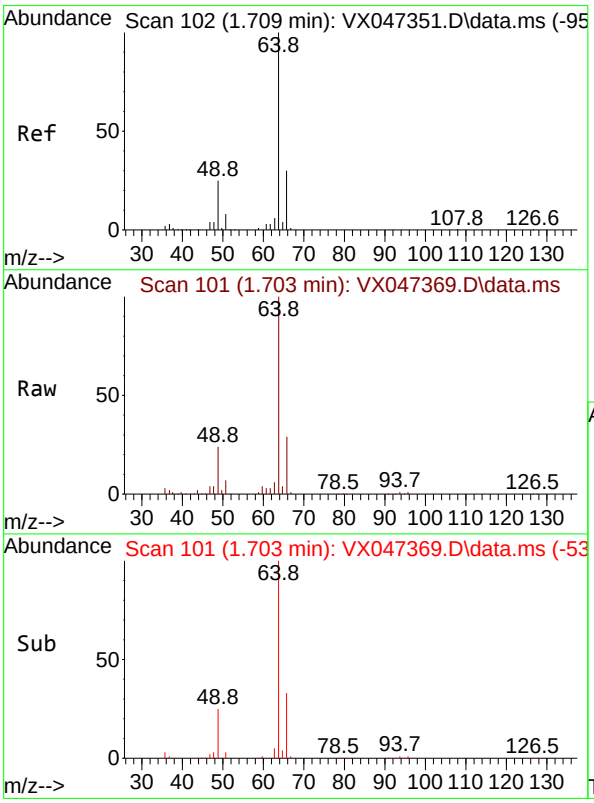
#5
Bromomethane
Concen: 53.336 ug/l
RT: 1.630 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 94 Resp: 76702

Ion	Ratio	Lower	Upper
94	100		
96	97.4	74.7	112.1

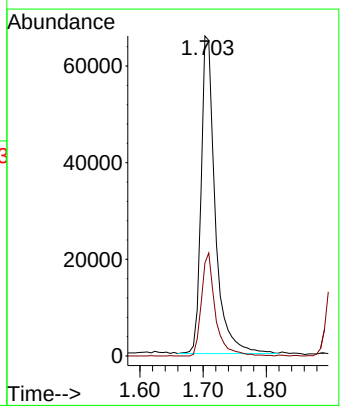


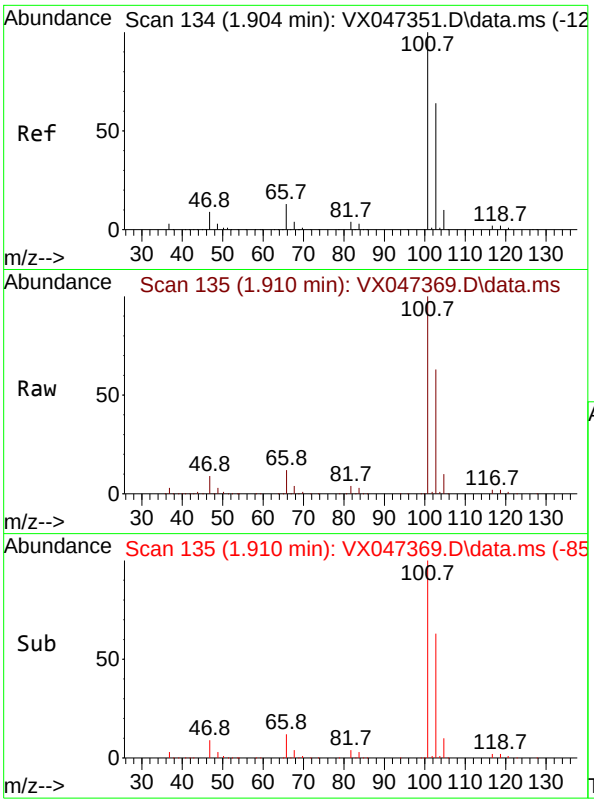


#6
Chloroethane
Concen: 46.802 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.006 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 64 Resp: 101952

Ion	Ratio	Lower	Upper
64	100		
66	29.3	24.4	36.6



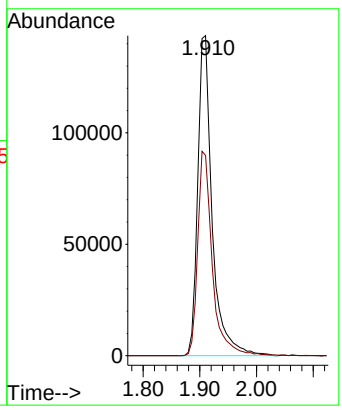


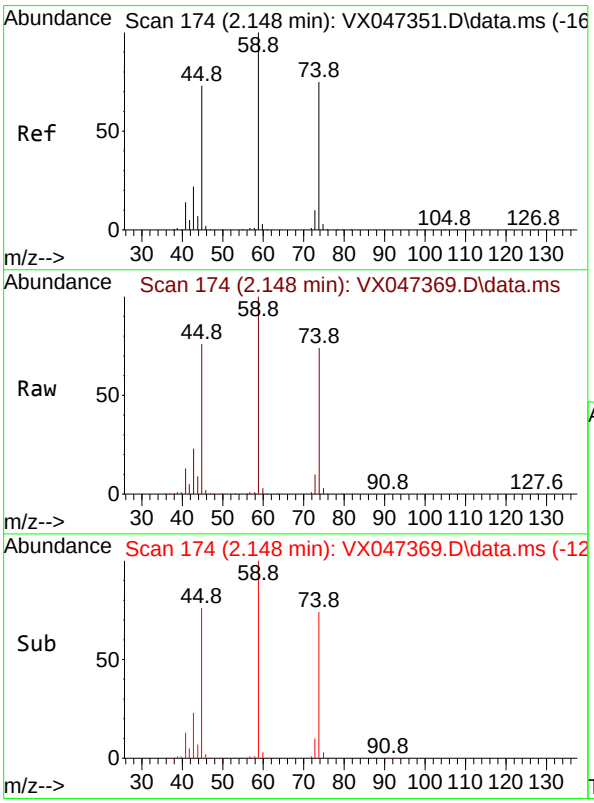
#7
Trichlorofluoromethane
Concen: 48.077 ug/l
RT: 1.910 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 253193

Ion	Ratio	Lower	Upper
101	100		
103	62.6	50.9	76.3

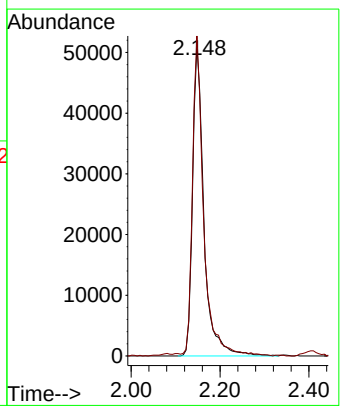


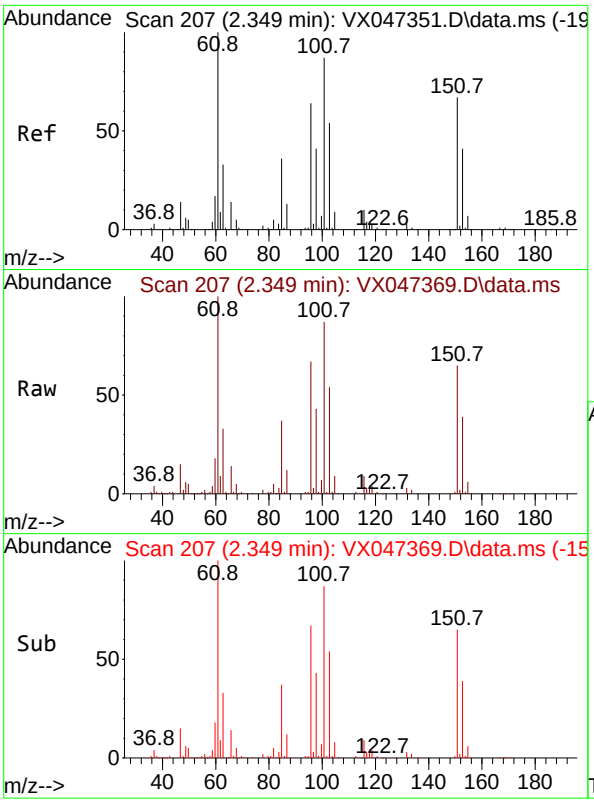


#8
Diethyl Ether
Concen: 48.793 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 74 Resp: 90479

Ion	Ratio	Lower	Upper
74	100		
45	102.3	51.3	154.0



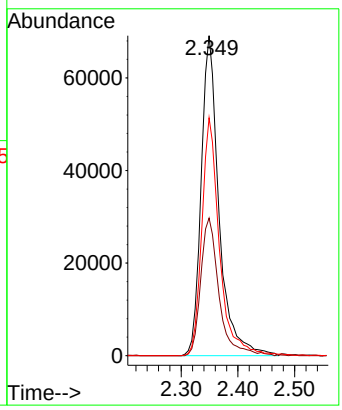


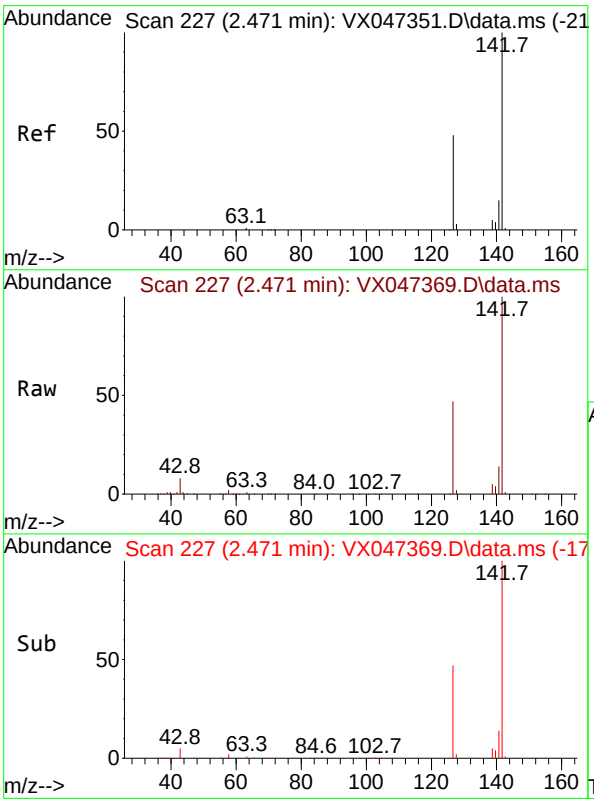
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.427 ug/l
RT: 2.349 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 150994

Ion	Ratio	Lower	Upper
101	100		
85	44.0	34.3	51.5
151	73.8	59.2	88.8

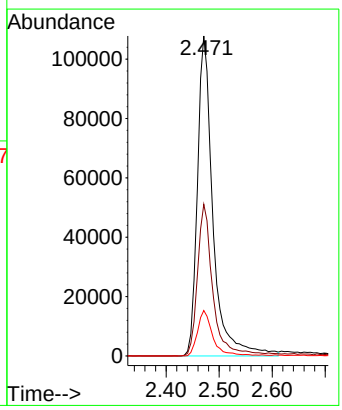


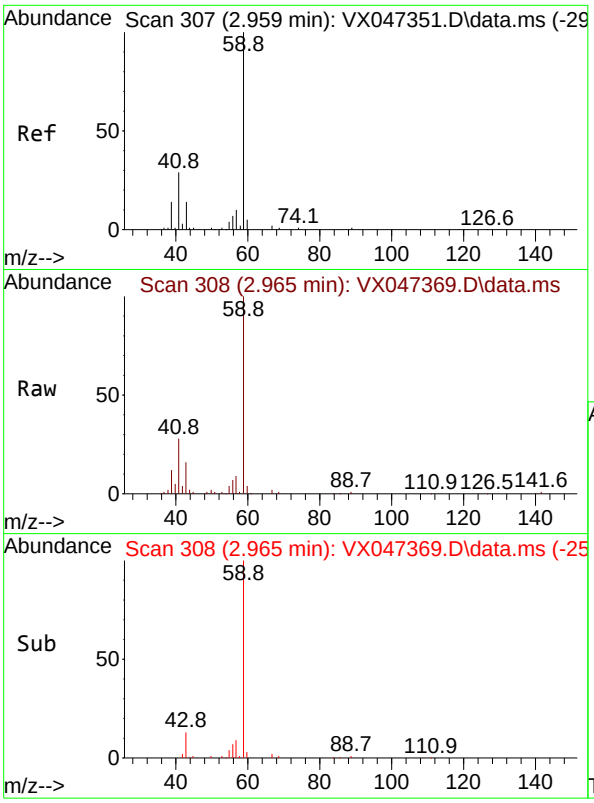


#10
Methyl Iodide
Concen: 42.033 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion:142 Resp: 220054

Ion	Ratio	Lower	Upper
142	100		
127	46.6	36.1	54.1
141	14.0	11.1	16.7



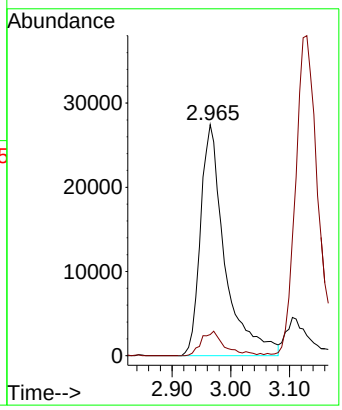


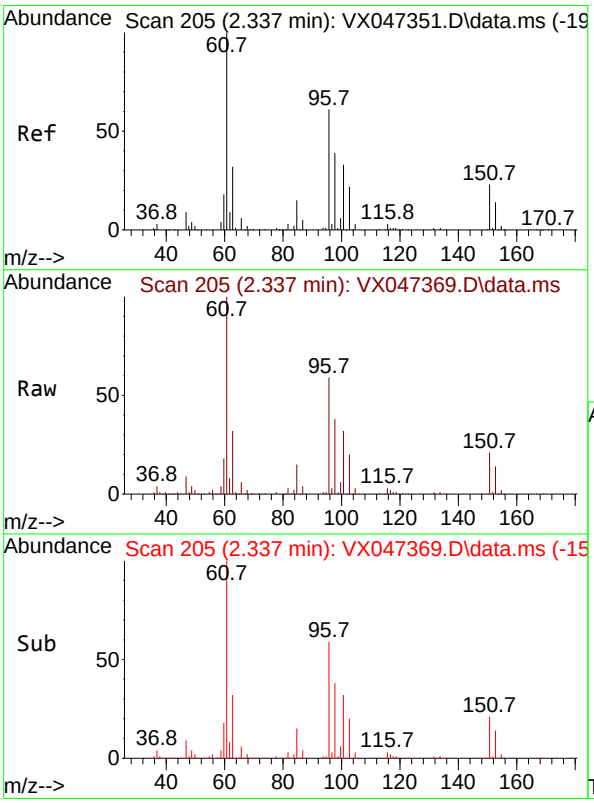
#11
Tert butyl alcohol
Concen: 262.913 ug/l
RT: 2.965 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 79179

Ion	Ratio	Lower	Upper
59	100		
57	9.5	8.3	12.5

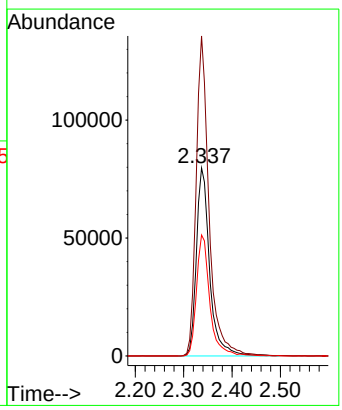


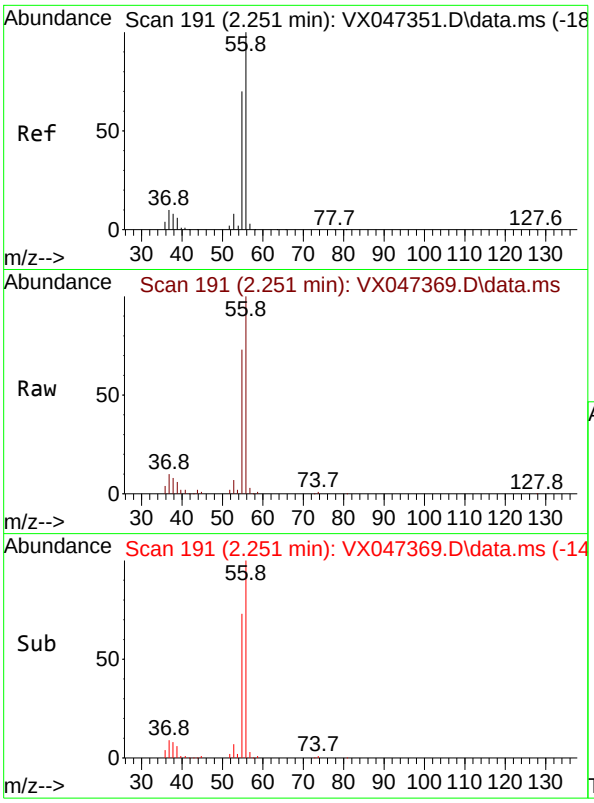


#12
1,1-Dichloroethene
Concen: 48.810 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 96 Resp: 152014

Ion	Ratio	Lower	Upper
96	100		
61	170.2	132.2	198.2
98	64.3	51.2	76.8



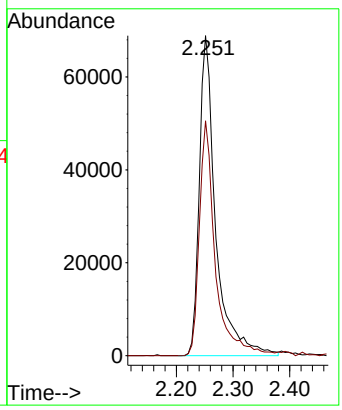


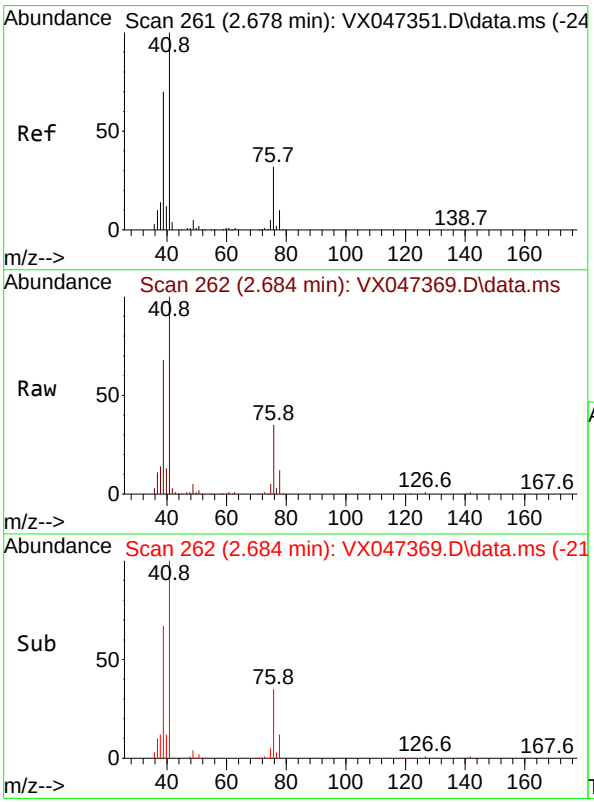
#13
Acrolein
Concen: 217.746 ug/l
RT: 2.251 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 138429

Ion	Ratio	Lower	Upper
56	100		
55	71.3	55.5	83.3

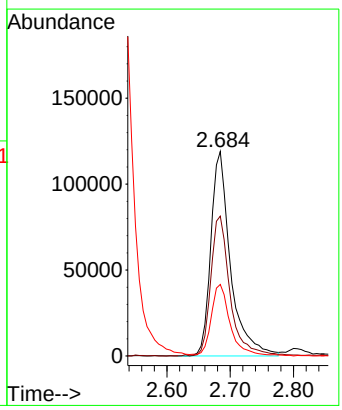


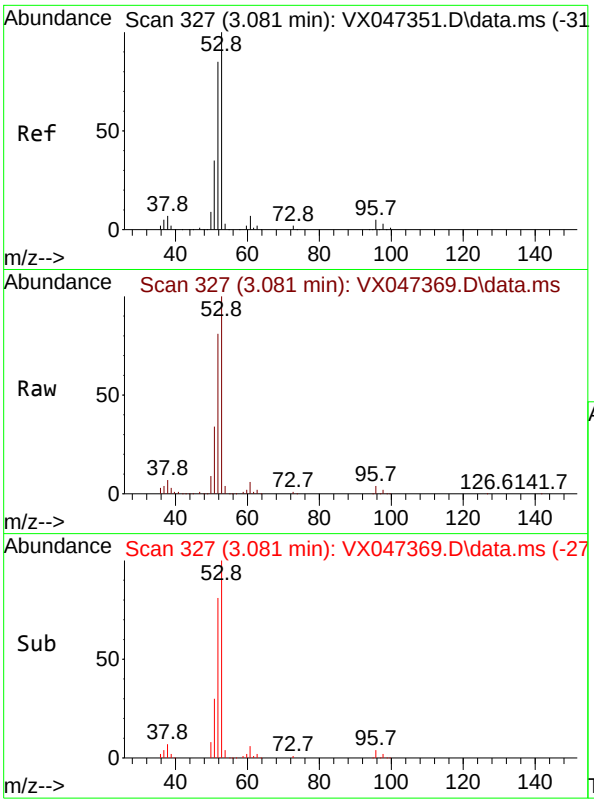


#14
Allyl chloride
Concen: 47.570 ug/l
RT: 2.684 min Scan# 262
Delta R.T. 0.006 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 41 Resp: 257321

Ion	Ratio	Lower	Upper
41	100		
39	67.2	54.6	81.8
76	33.9	27.6	41.4



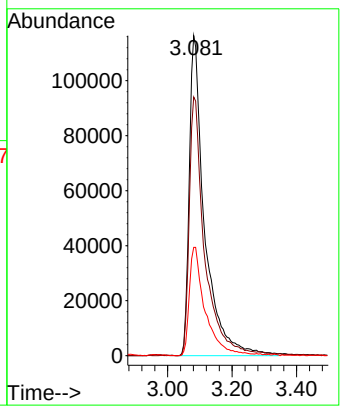


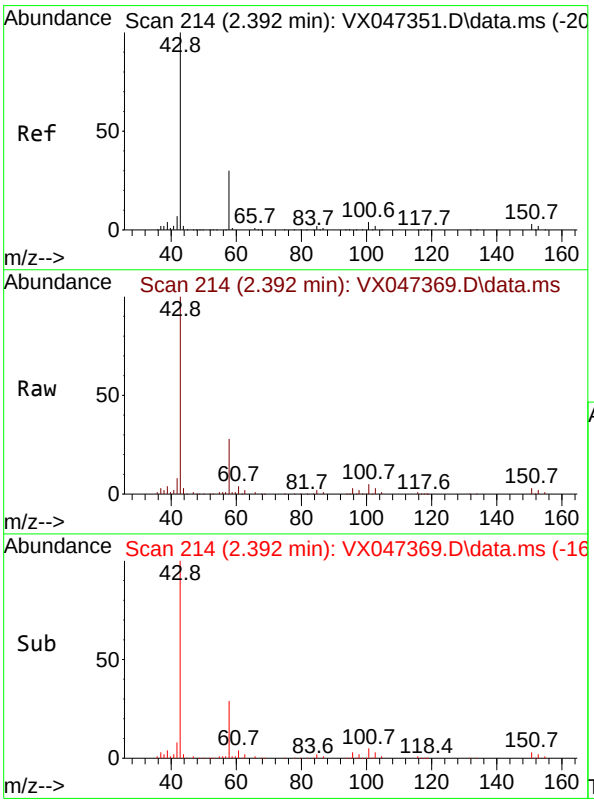
#15
Acrylonitrile
Concen: 264.860 ug/l
RT: 3.081 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 385440

Ion	Ratio	Lower	Upper
53	100		
52	81.2	65.8	98.6
51	35.0	28.2	42.2

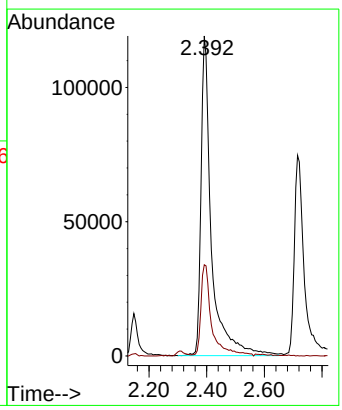


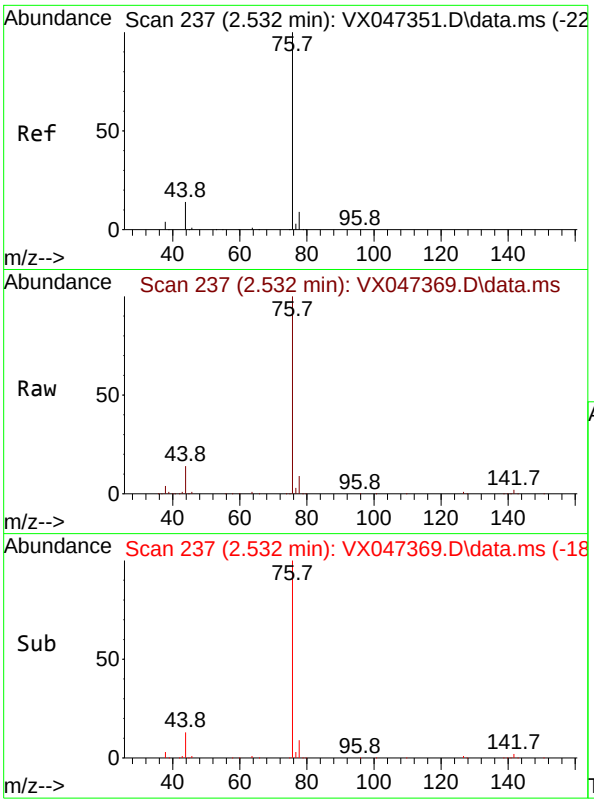


#16
Acetone
Concen: 230.028 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 43 Resp: 299321

Ion	Ratio	Lower	Upper
43	100		
58	29.4	24.8	37.2



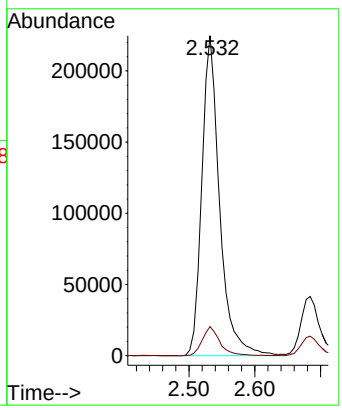


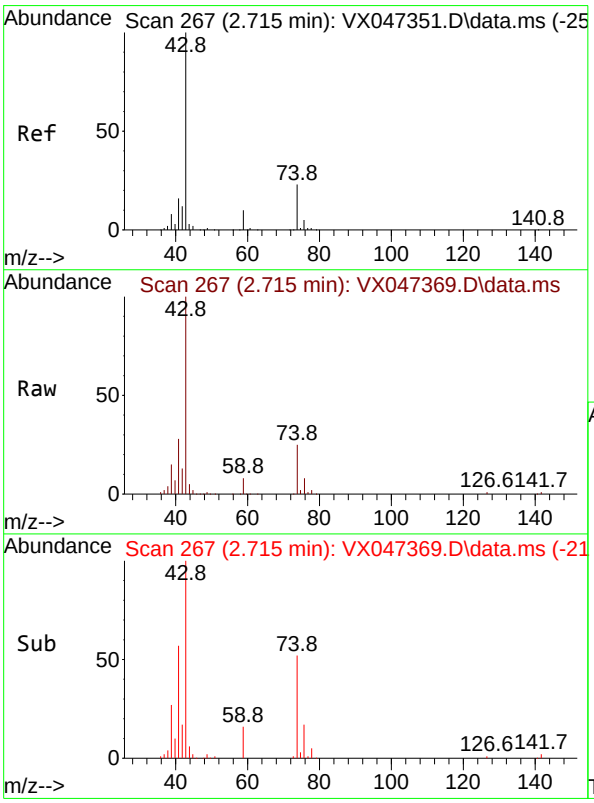
#17
Carbon Disulfide
Concen: 44.850 ug/l
RT: 2.532 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 421504

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.2	10.8

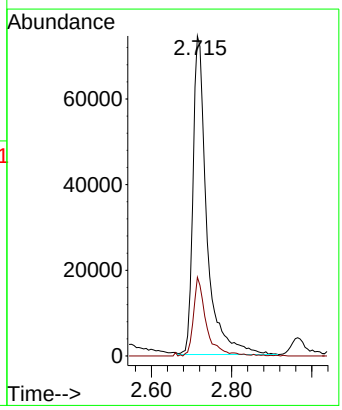


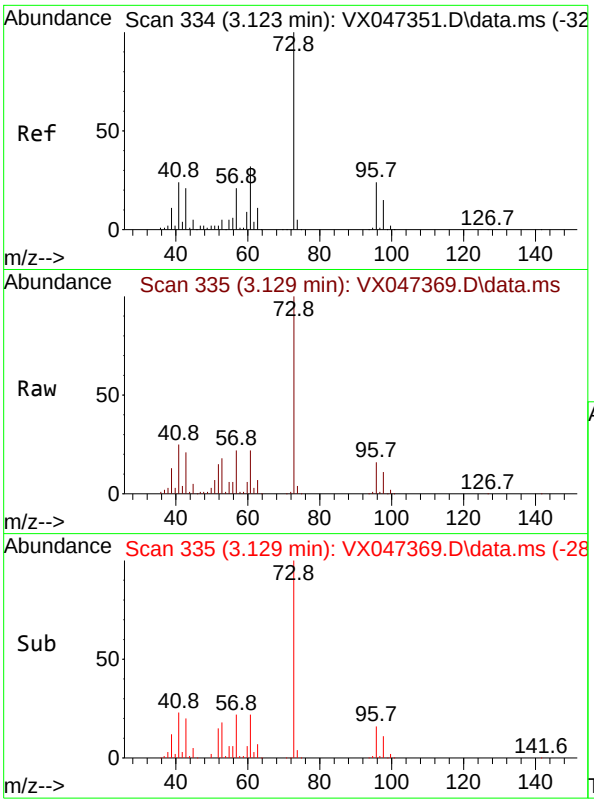


#18
Methyl Acetate
Concen: 52.680 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 43 Resp: 177638

Ion	Ratio	Lower	Upper
43	100		
74	22.9	18.4	27.6



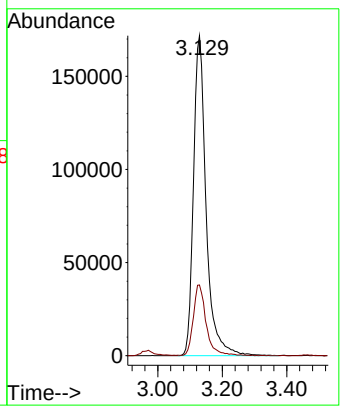


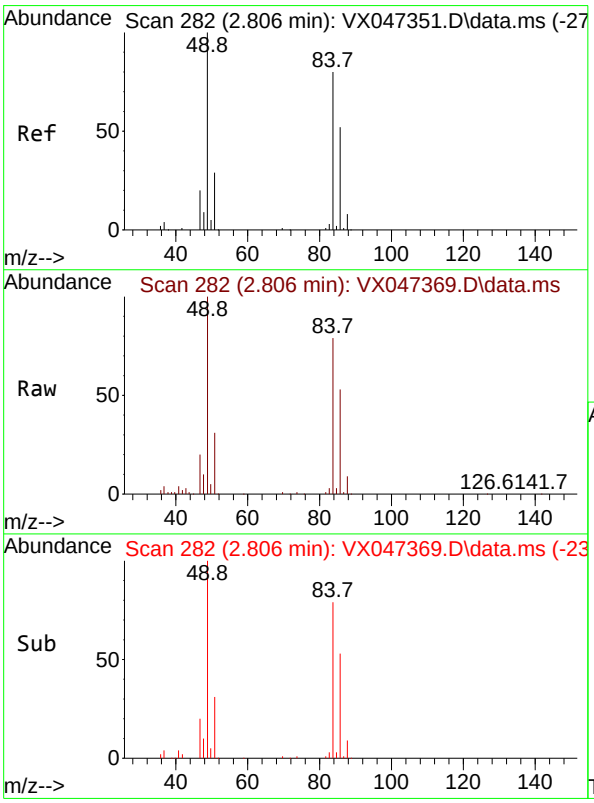
#19
Methyl tert-butyl Ether
Concen: 49.159 ug/l
RT: 3.129 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 465768

Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.0	25.6

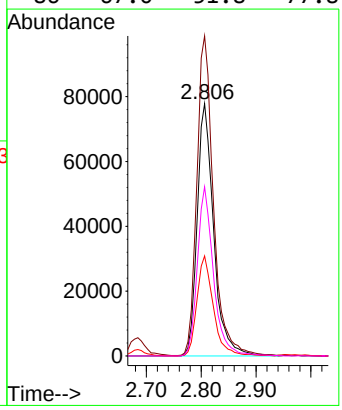


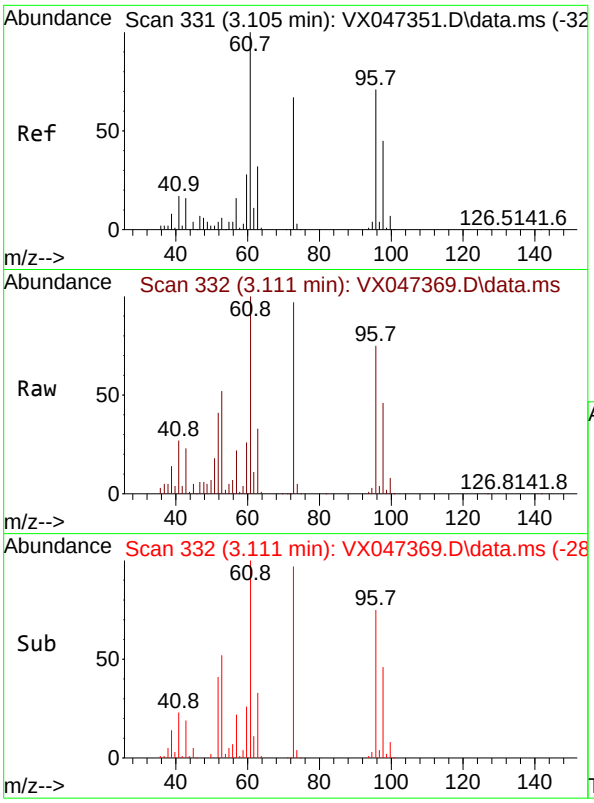


#20
Methylene Chloride
Concen: 47.342 ug/l
RT: 2.806 min Scan# 282
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 84 Resp: 163125

Ion	Ratio	Lower	Upper
84	100		
49	126.6	100.1	150.1
51	39.6	29.5	44.3
86	67.0	51.8	77.8



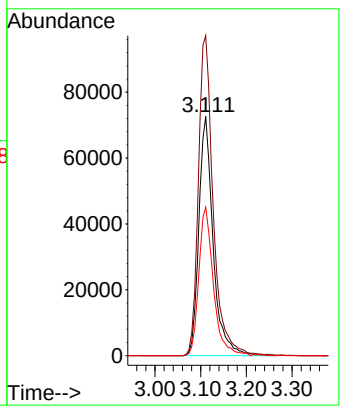


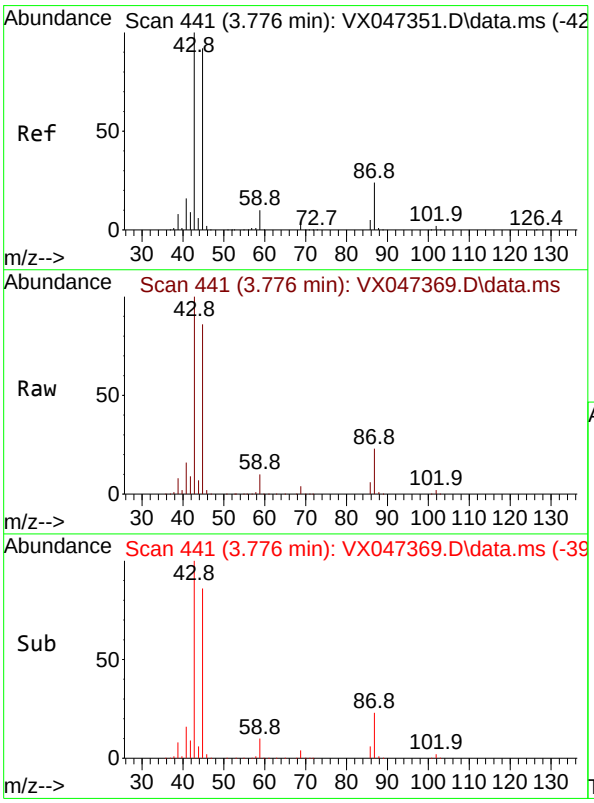
#21
trans-1,2-Dichloroethene
Concen: 47.770 ug/l
RT: 3.111 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 157906

Ion	Ratio	Lower	Upper
96	100		
61	133.8	112.6	169.0
98	62.1	50.9	76.3

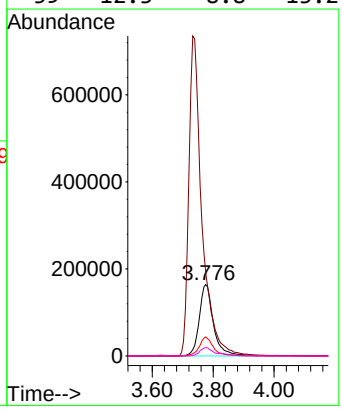


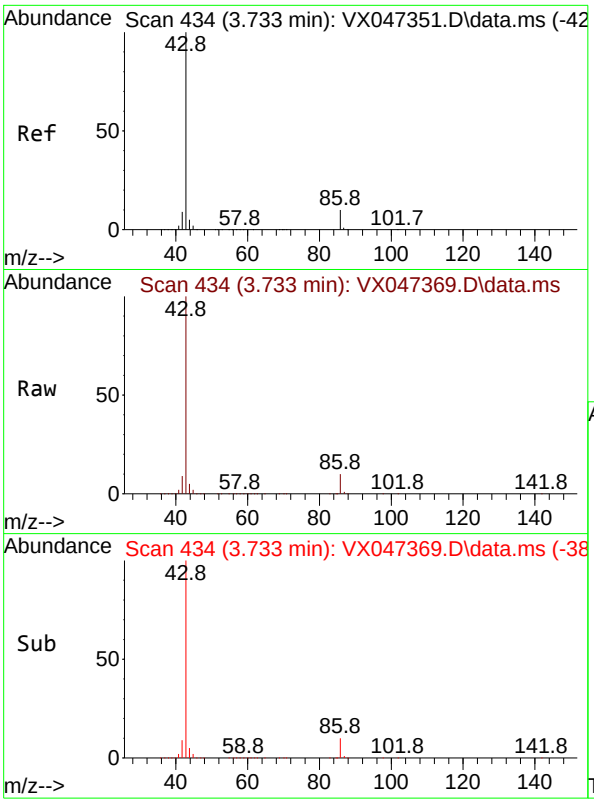


#22
Diisopropyl ether
Concen: 49.685 ug/l
RT: 3.776 min Scan# 441
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 45 Resp: 531257

Ion	Ratio	Lower	Upper
45	100		
43	116.2	86.8	130.2
87	26.6	20.4	30.6
59	12.3	8.8	13.2



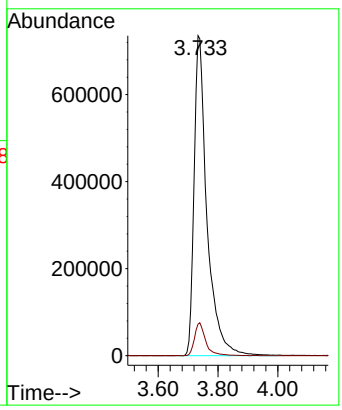


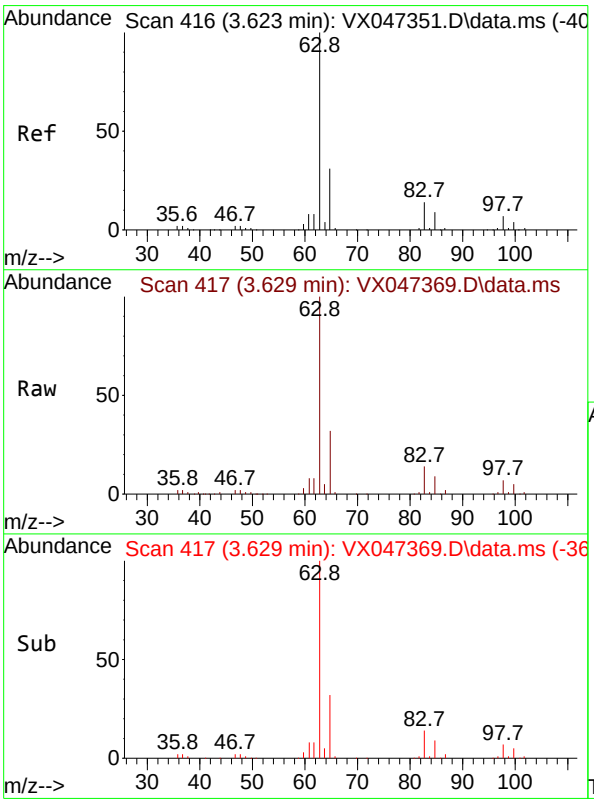
#23
Vinyl Acetate
Concen: 251.356 ug/l
RT: 3.733 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 2202905

Ion	Ratio	Lower	Upper
43	100		
86	9.9	7.9	11.9

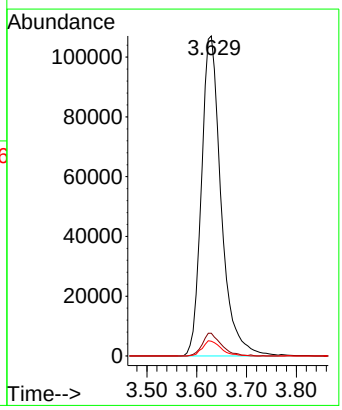


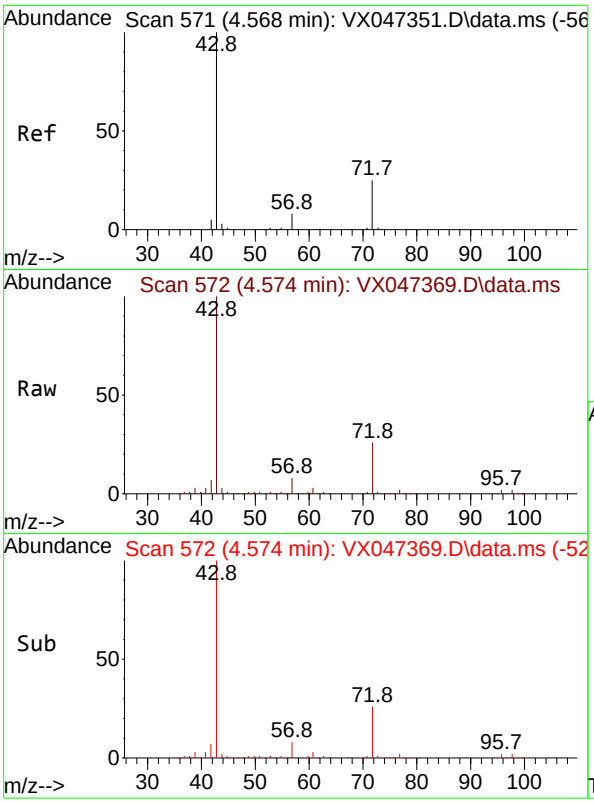


#24
1,1-Dichloroethane
Concen: 48.514 ug/l
RT: 3.629 min Scan# 417
Delta R.T. 0.006 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 63 Resp: 293208

Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.3	9.9
100	4.6	2.1	6.3



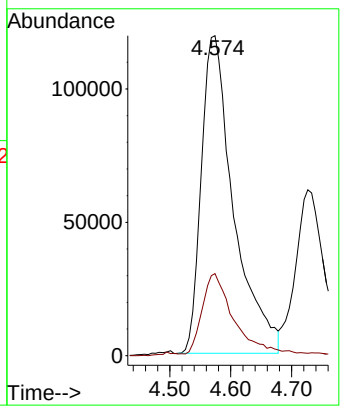


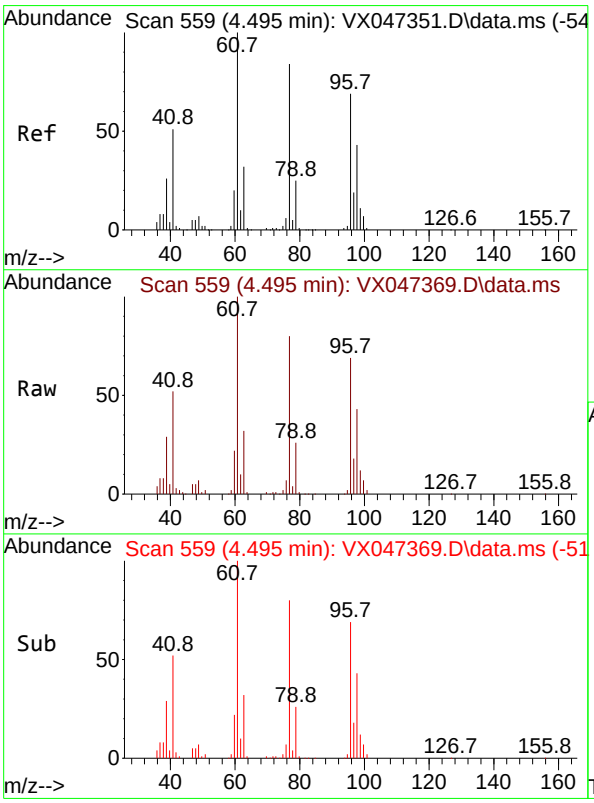
#25
2-Butanone
Concen: 257.259 ug/l
RT: 4.574 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 438422

Ion	Ratio	Lower	Upper
43	100		
72	26.1	19.8	29.8

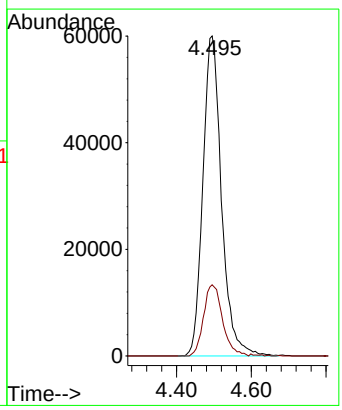


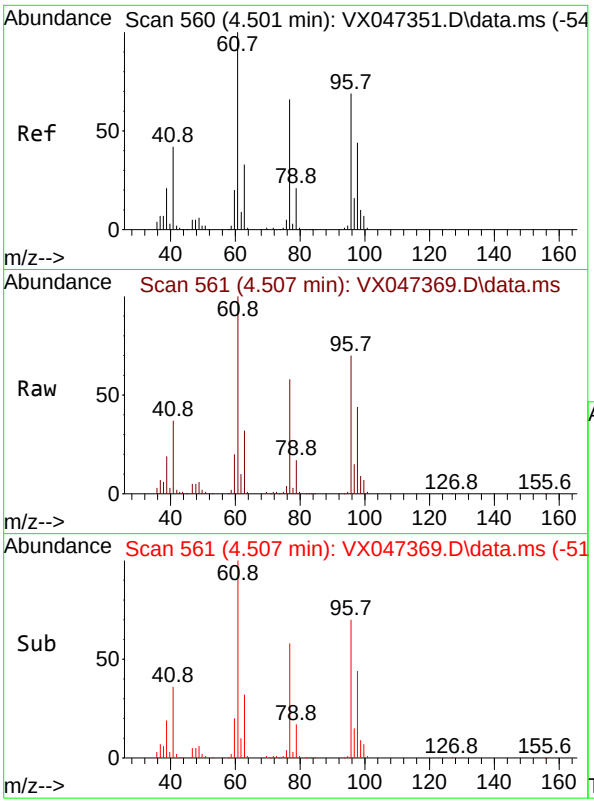


#26
2,2-Dichloropropane
Concen: 45.513 ug/l
RT: 4.495 min Scan# 559
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 77 Resp: 207612

Ion	Ratio	Lower	Upper
77	100		
97	22.6	11.4	34.1



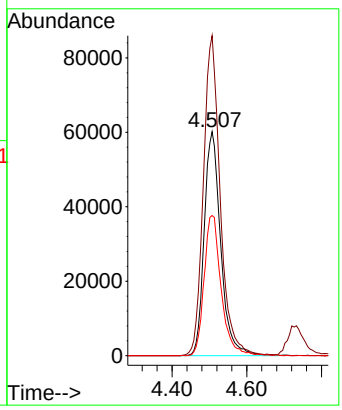


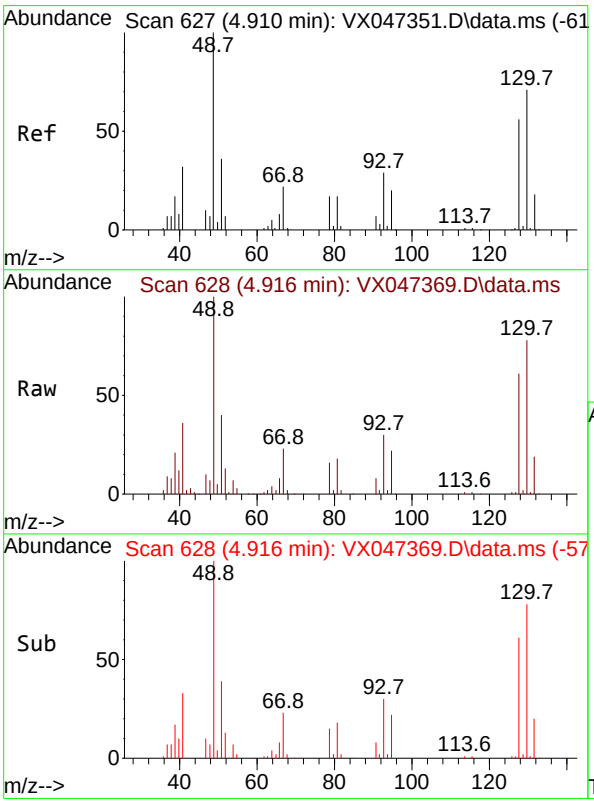
#27
cis-1,2-Dichloroethene
Concen: 47.944 ug/l
RT: 4.507 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 184588

Ion	Ratio	Lower	Upper
96	100		
61	145.9	0.0	296.6
98	64.7	0.0	130.4

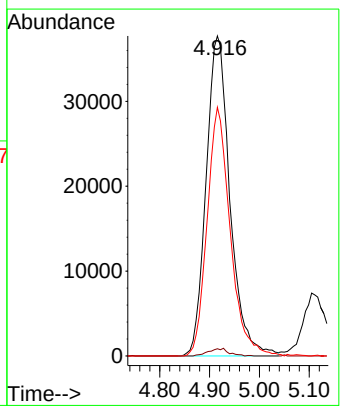


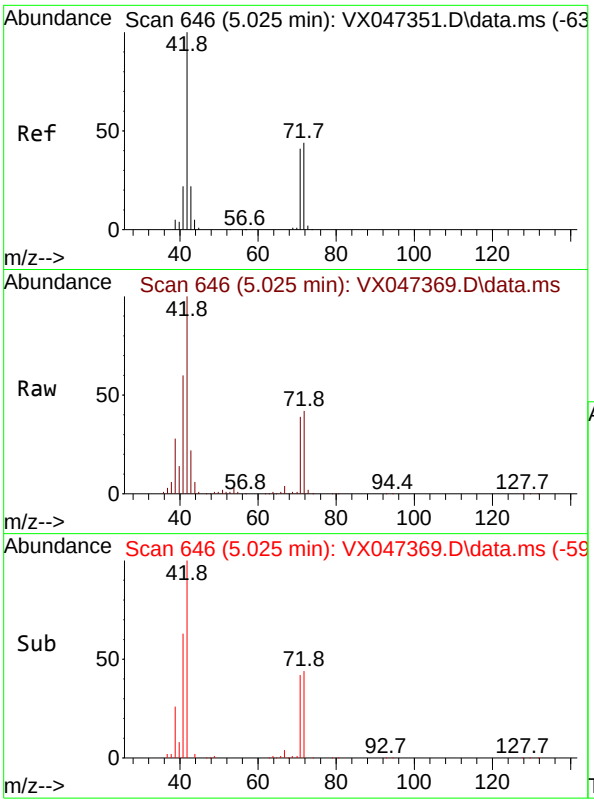


#28
Bromochloromethane
Concen: 49.836 ug/l
RT: 4.916 min Scan# 628
Delta R.T. 0.006 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 49 Resp: 125336

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	75.2	59.8	89.6



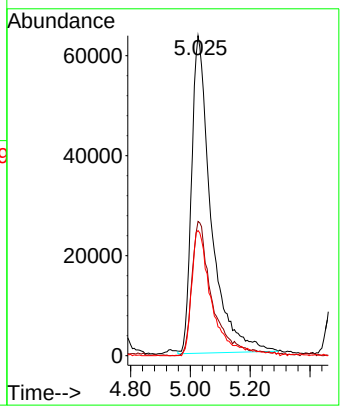


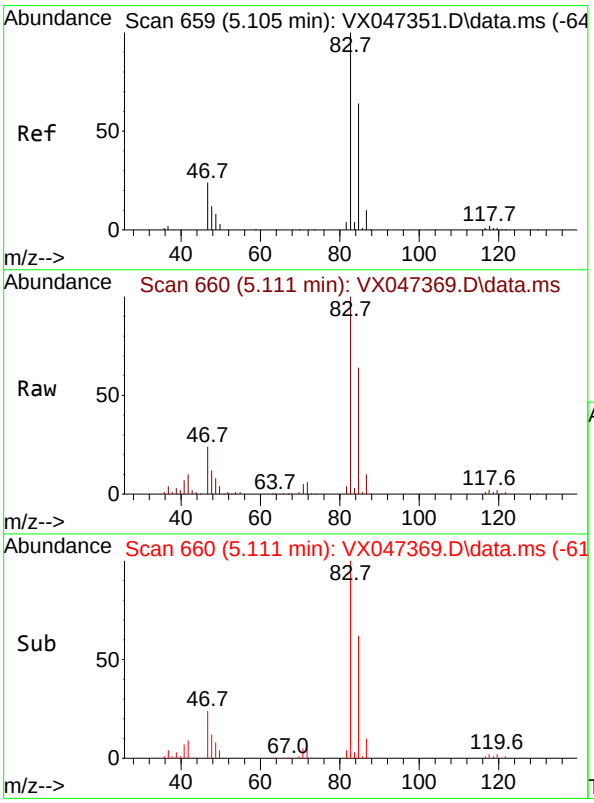
#29
Tetrahydrofuran
Concen: 260.079 ug/l
RT: 5.025 min Scan# 64
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 286476

Ion	Ratio	Lower	Upper
42	100		
72	43.3	34.6	51.8
71	39.6	32.6	49.0

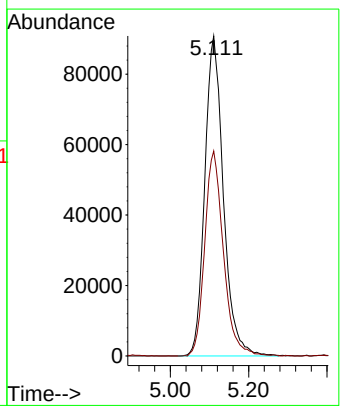


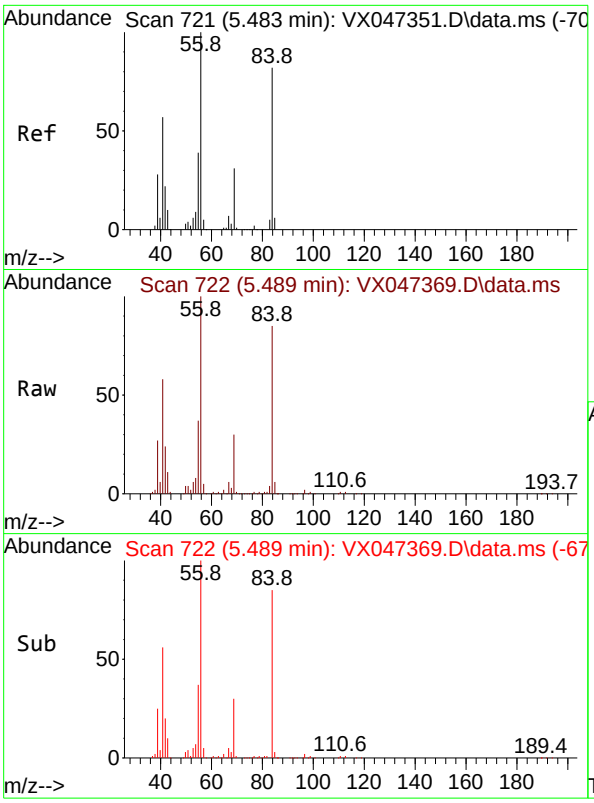


#30
Chloroform
Concen: 48.462 ug/l
RT: 5.111 min Scan# 660
Delta R.T. 0.006 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 83 Resp: 298914

Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.2	76.8



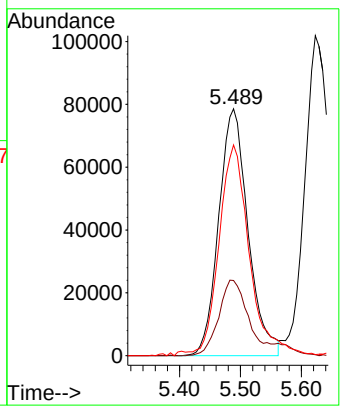


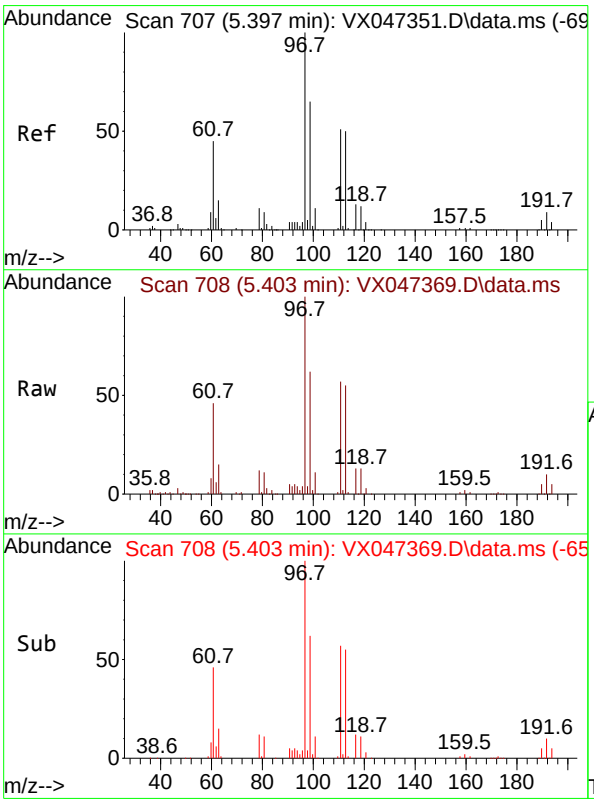
#31
Cyclohexane
Concen: 47.193 ug/l
RT: 5.489 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 262926

Ion	Ratio	Lower	Upper
56	100		
69	30.5	24.3	36.5
84	83.7	65.3	97.9

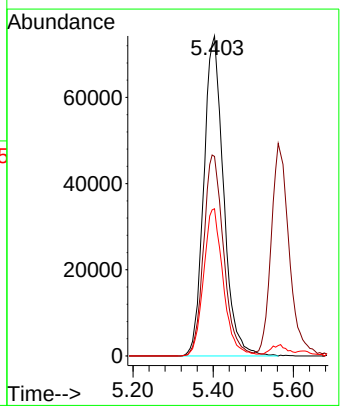


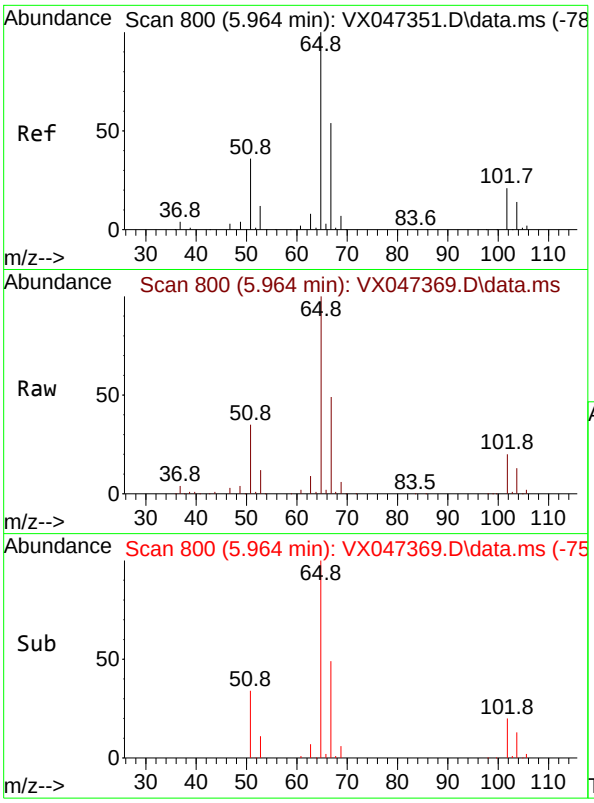


#32
1,1,1-Trichloroethane
Concen: 47.814 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 97 Resp: 253848

Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.4	77.0
61	45.8	35.7	53.5



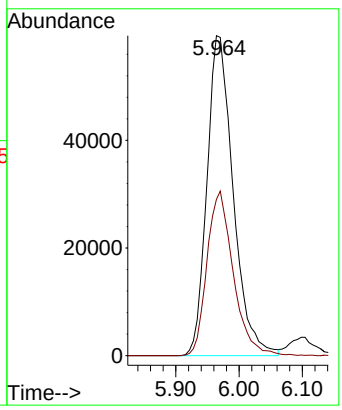


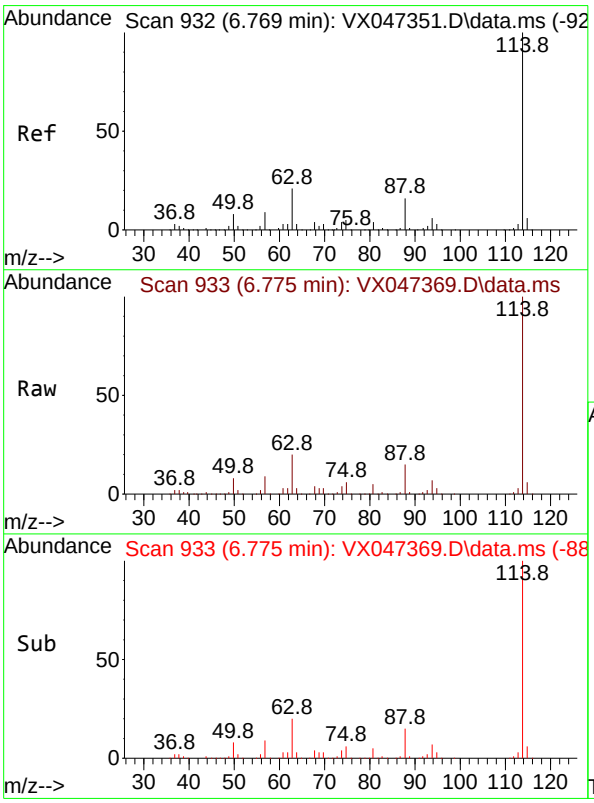
#33
1,2-Dichloroethane-d4
Concen: 49.507 ug/l
RT: 5.964 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 171384

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	106.0

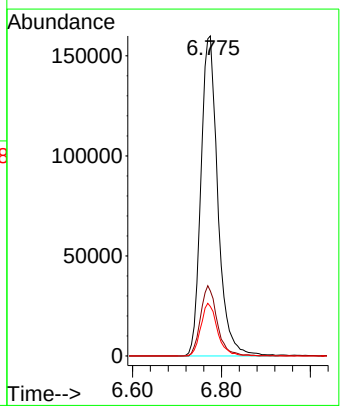


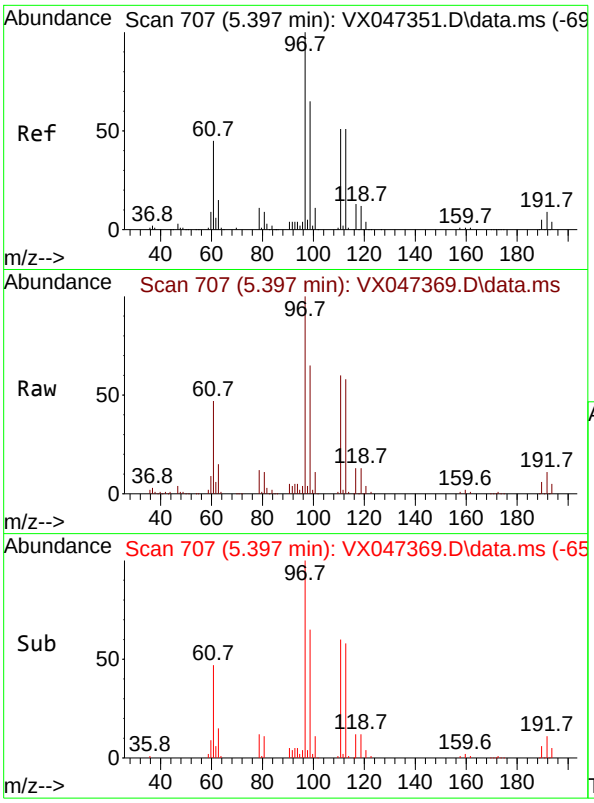


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 933
Delta R.T. 0.006 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion:114 Resp: 423716

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	42.4
88	15.5	0.0	33.0



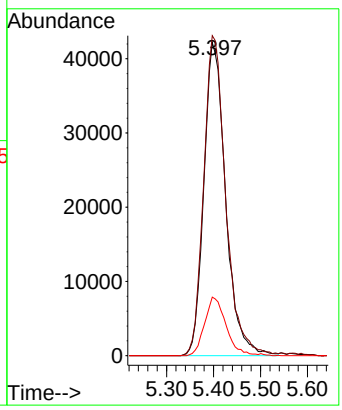


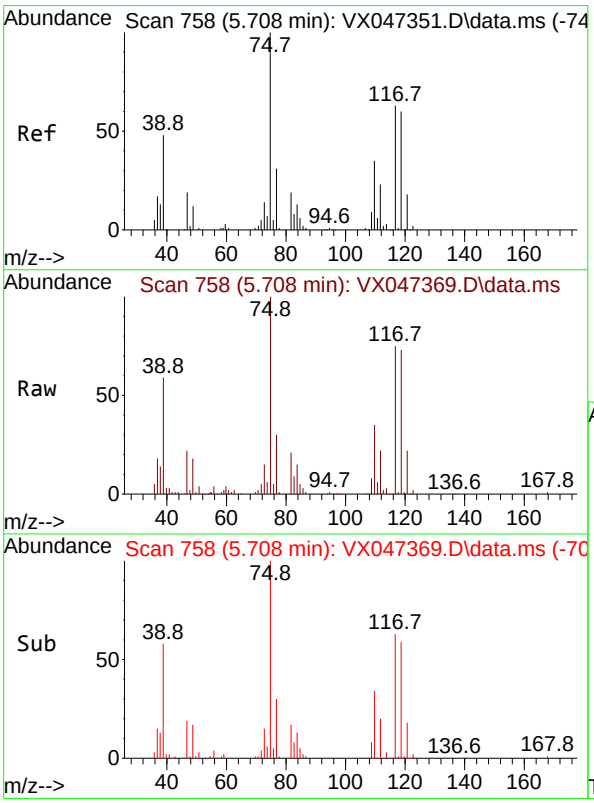
#35
Dibromofluoromethane
Concen: 49.327 ug/l
RT: 5.397 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:113 Resp: 135646

Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.4	122.2
192	18.4	14.1	21.1

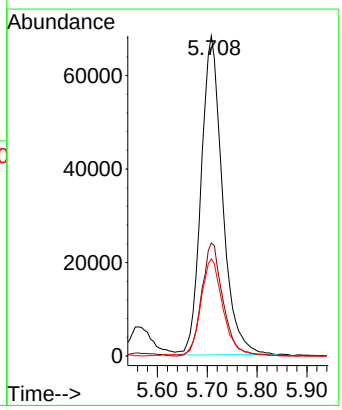


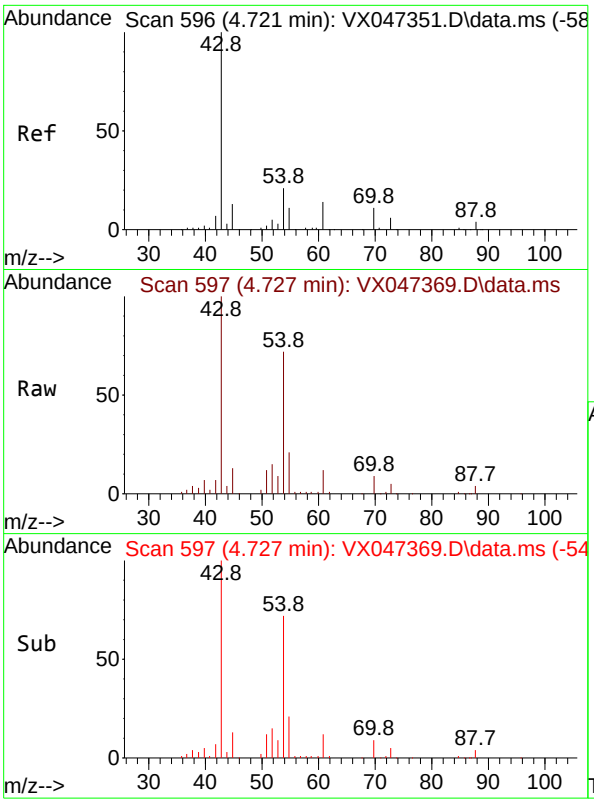


#36
1,1-Dichloropropene
Concen: 46.638 ug/l
RT: 5.708 min Scan# 758
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 75 Resp: 202458

Ion	Ratio	Lower	Upper
75	100		
110	35.6	17.4	52.2
77	31.6	24.4	36.6



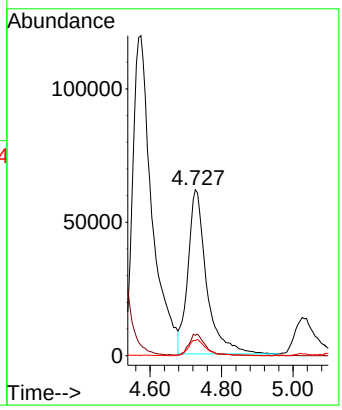


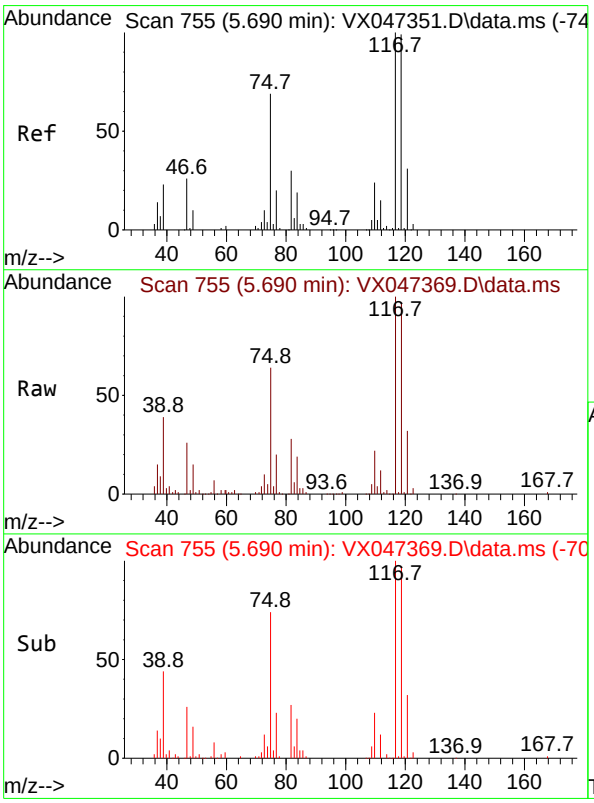
#37
Ethyl Acetate
Concen: 49.446 ug/l
RT: 4.727 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 222836

Ion	Ratio	Lower	Upper
43	100		
61	11.5	9.4	14.2
70	8.8	7.0	10.6

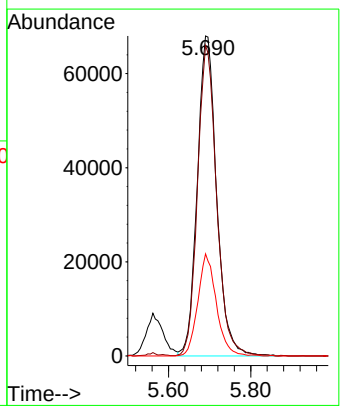


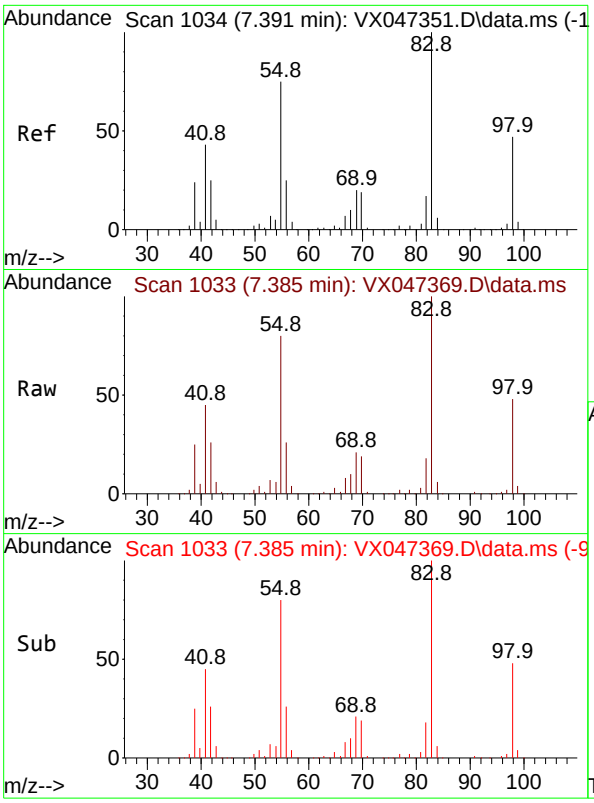


#38
Carbon Tetrachloride
Concen: 46.894 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion:117 Resp: 222454

Ion	Ratio	Lower	Upper
117	100		
119	97.0	78.5	117.7
121	31.9	24.7	37.1



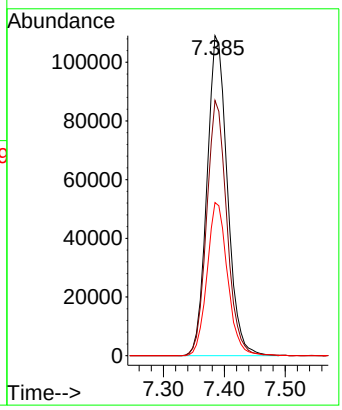


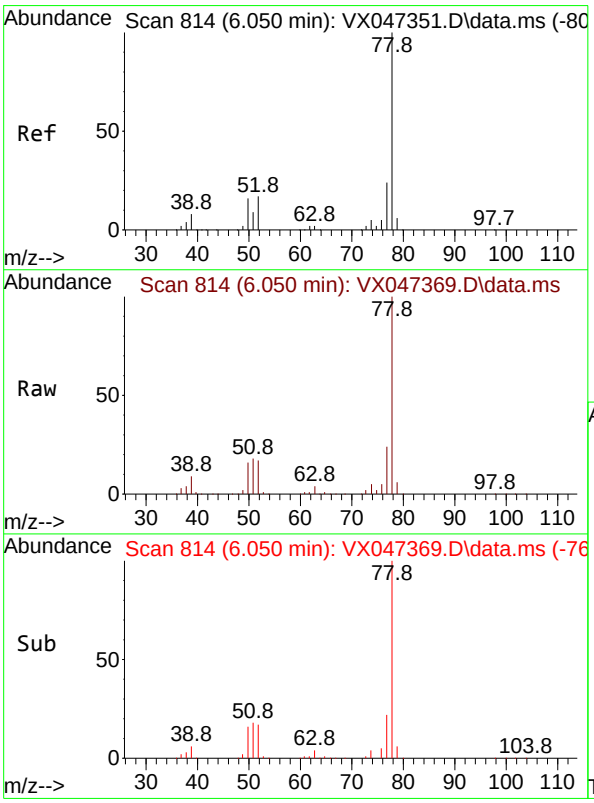
#39
Methylcyclohexane
Concen: 46.834 ug/l
RT: 7.385 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 253595

Ion	Ratio	Lower	Upper
83	100		
55	79.7	60.0	90.0
98	47.8	37.2	55.8

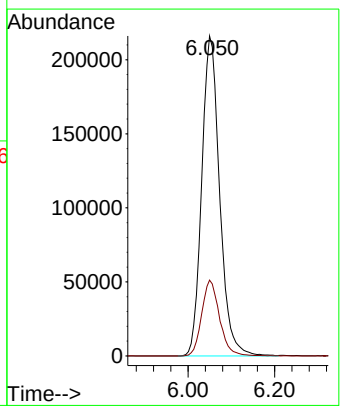


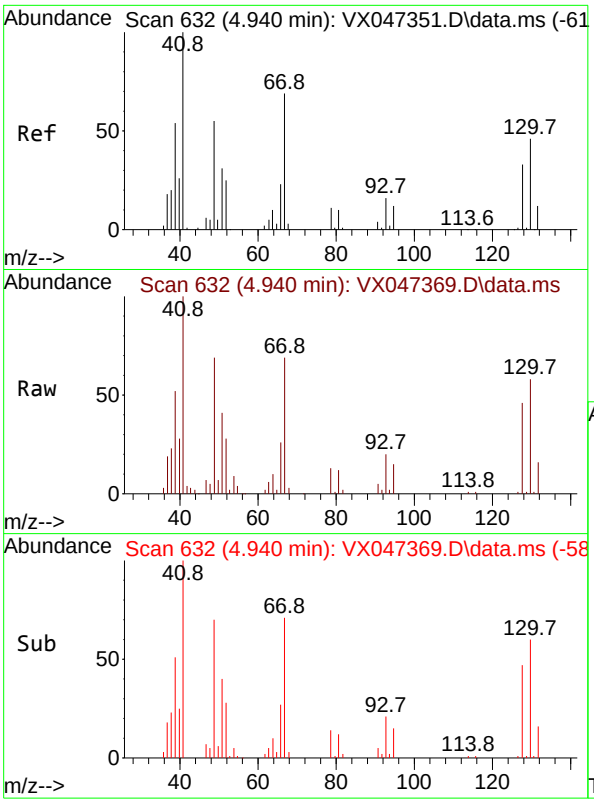


#40
Benzene
Concen: 47.793 ug/l
RT: 6.050 min Scan# 814
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 78 Resp: 621000

Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.4



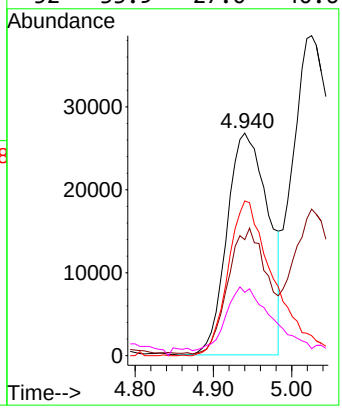


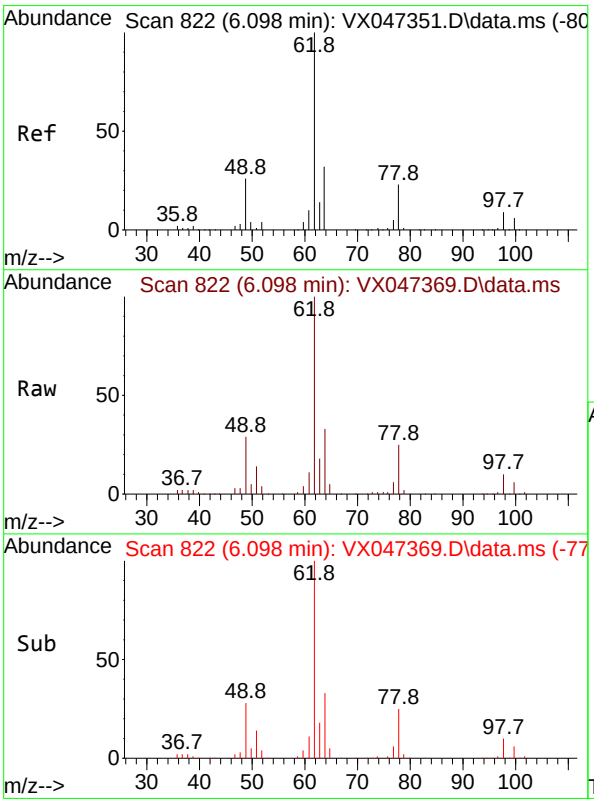
#41
Methacrylonitrile
Concen: 51.686 ug/l
RT: 4.940 min Scan# 6
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 98224

Ion	Ratio	Lower	Upper
41	100		
39	53.9	45.4	68.2
67	79.7	64.0	96.0
52	33.9	27.0	40.6

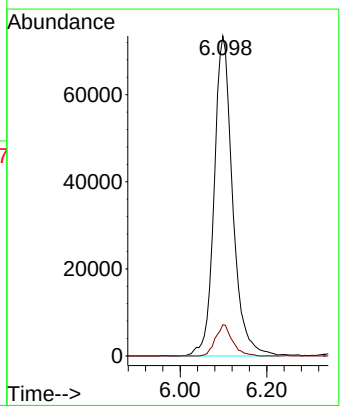


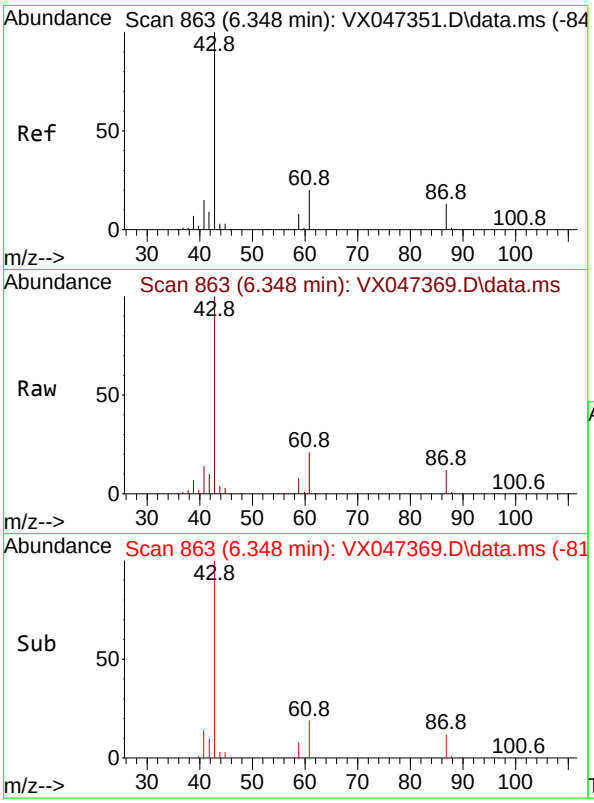


#42
1,2-Dichloroethane
Concen: 47.354 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 62 Resp: 217943

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.0



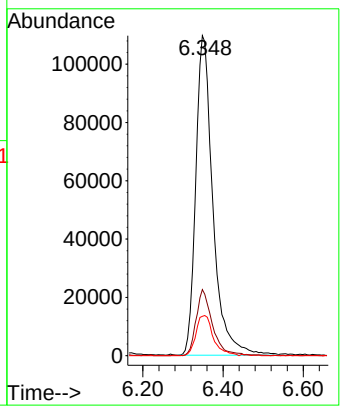


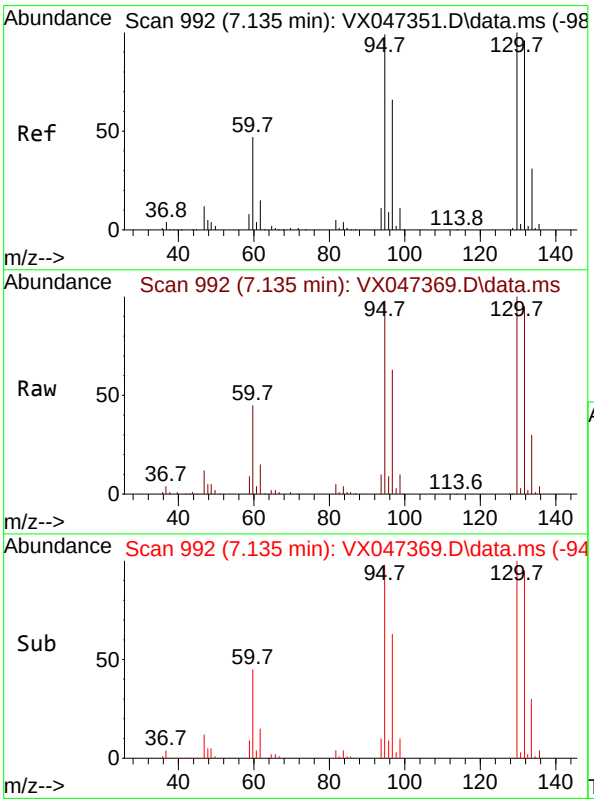
#43
Isopropyl Acetate
Concen: 50.253 ug/l
RT: 6.348 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 325347

Ion	Ratio	Lower	Upper
43	100		
61	19.7	15.4	23.0
87	12.7	10.2	15.4

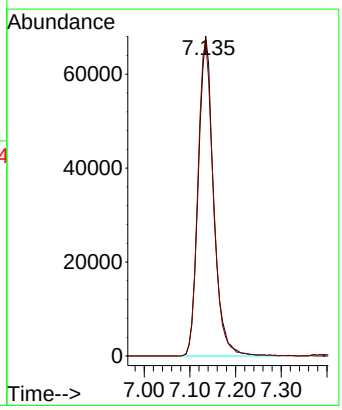


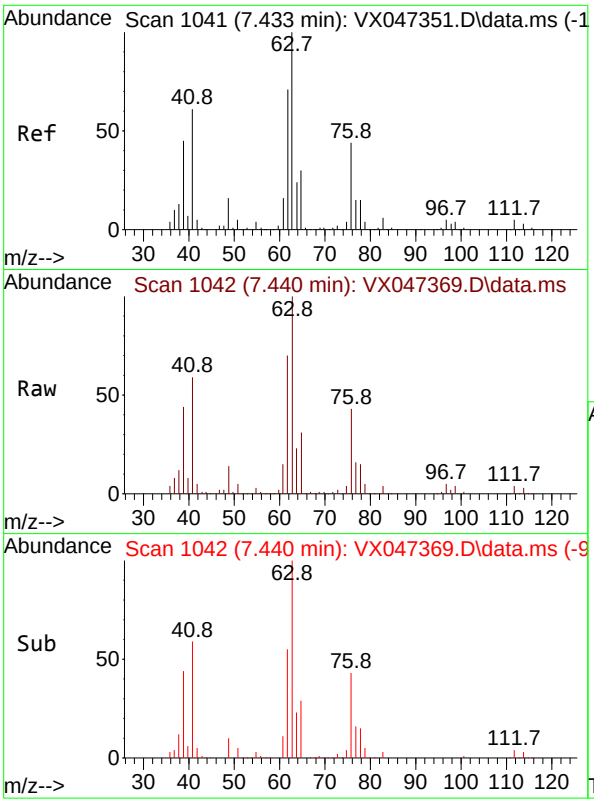


#44
Trichloroethene
Concen: 47.495 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion:130 Resp: 158017

Ion	Ratio	Lower	Upper
130	100		
95	98.4	0.0	198.6



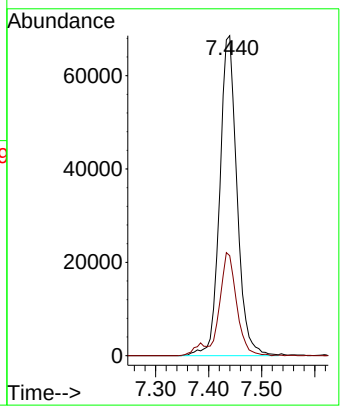


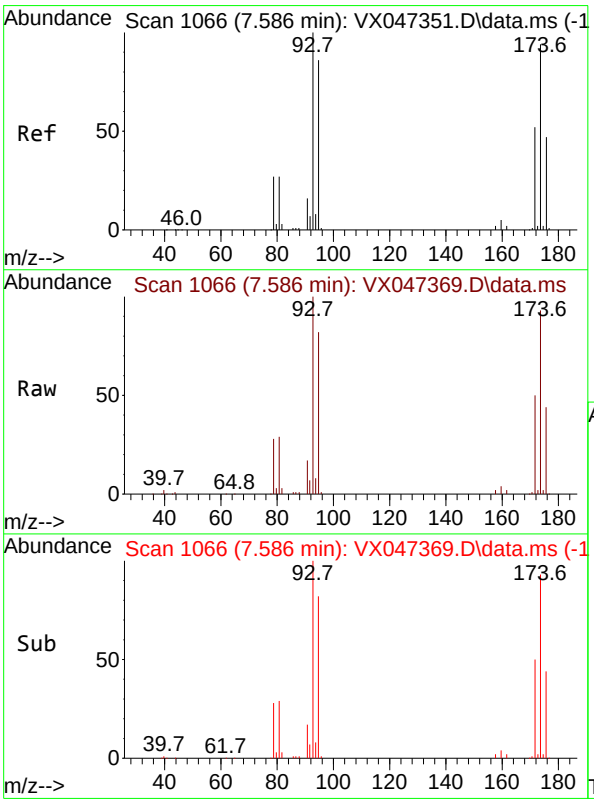
#45
1,2-Dichloropropane
Concen: 47.602 ug/l
RT: 7.440 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 154952

Ion	Ratio	Lower	Upper
63	100		
65	31.2	23.8	35.6

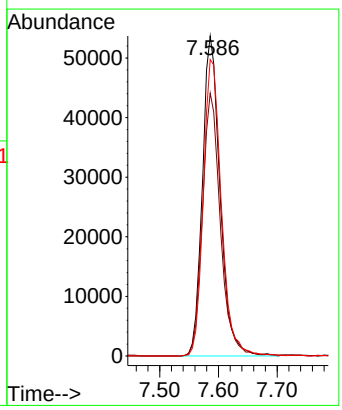


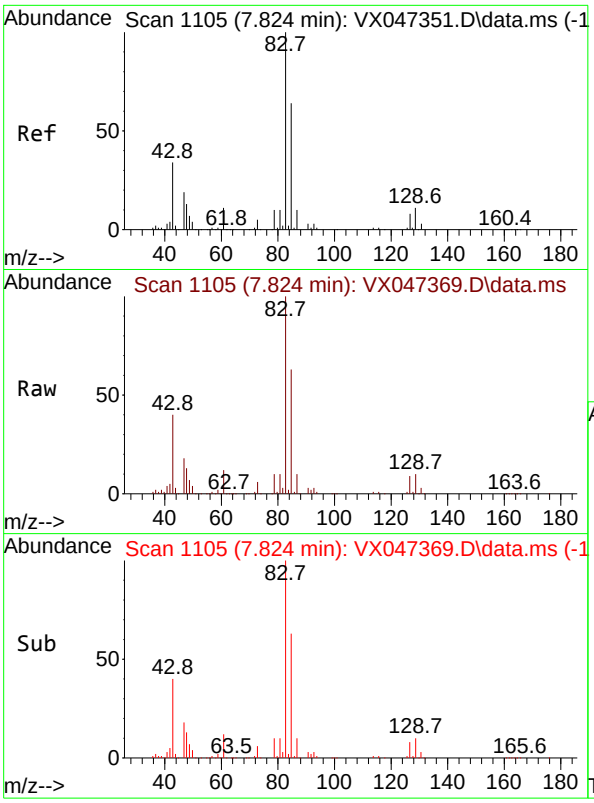


#46
Dibromomethane
Concen: 47.466 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 93 Resp: 112171

Ion	Ratio	Lower	Upper
93	100		
95	83.4	68.0	102.0
174	94.6	75.8	113.6



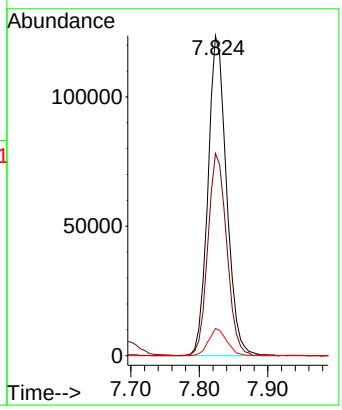


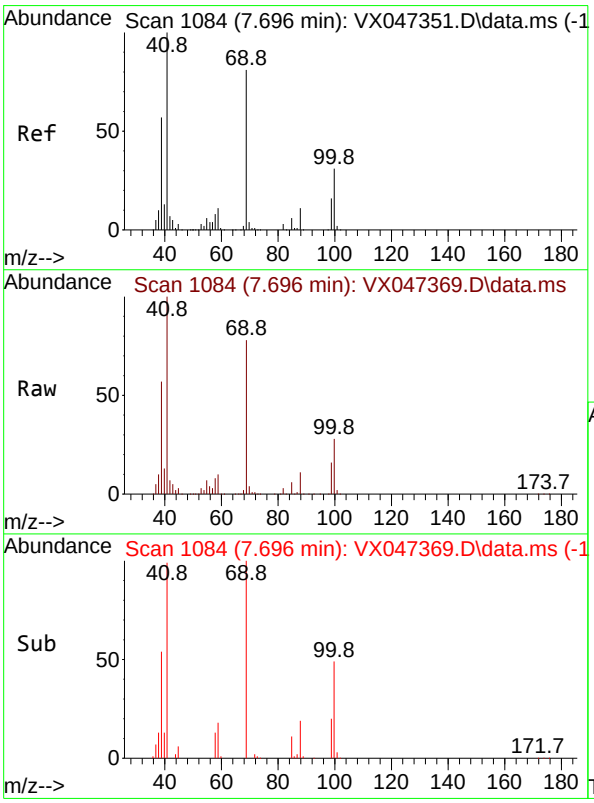
#47
Bromodichloromethane
Concen: 47.537 ug/l
RT: 7.824 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 232890

Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.0	76.6
127	8.5	7.0	10.4

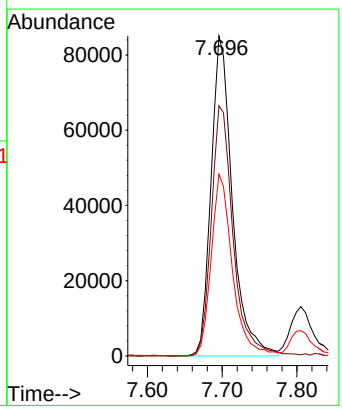


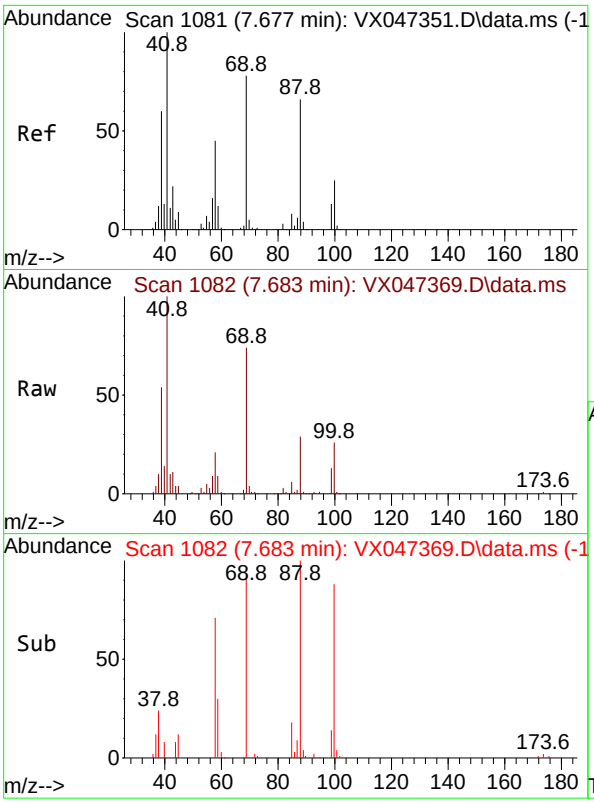


#48
Methyl methacrylate
Concen: 50.235 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 41 Resp: 168816

Ion	Ratio	Lower	Upper
41	100		
69	80.0	65.0	97.4
39	56.0	45.7	68.5



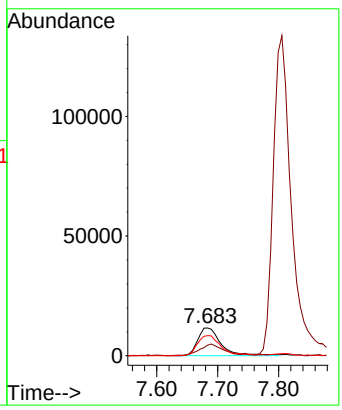


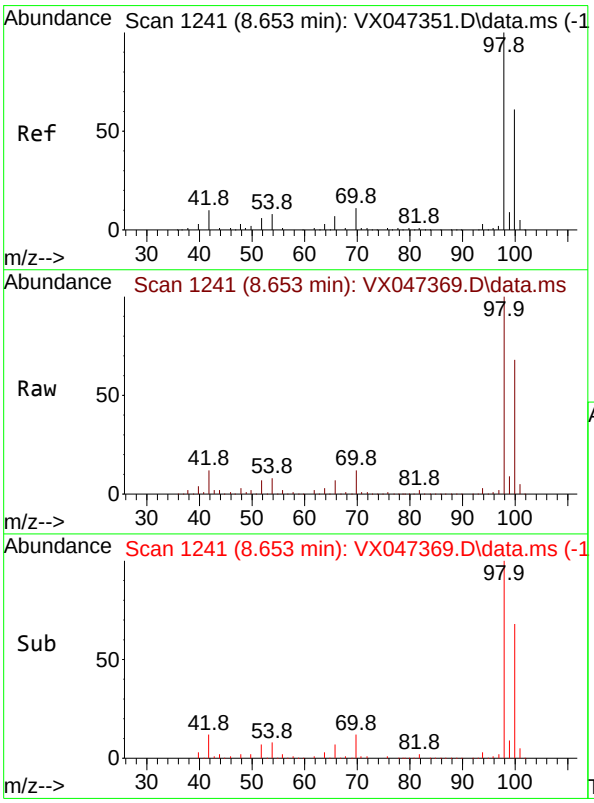
#49
1,4-Dioxane
Concen: 943.476 ug/l
RT: 7.683 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 30822

Ion	Ratio	Lower	Upper
88	100		
43	41.8	32.4	48.6
58	73.9	56.9	85.3

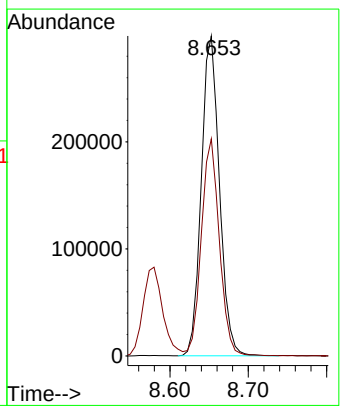


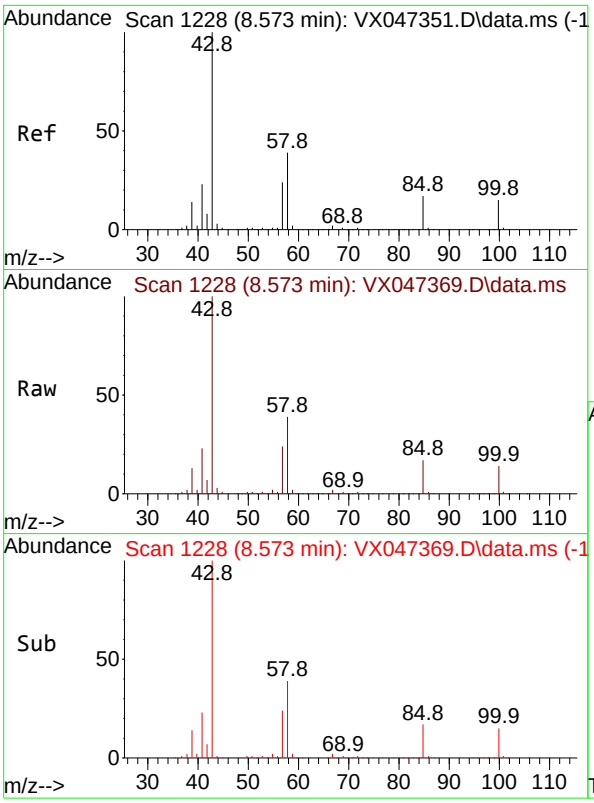


#50
Toluene-d8
Concen: 48.689 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 98 Resp: 478569

Ion	Ratio	Lower	Upper
98	100		
100	67.7	53.9	80.9



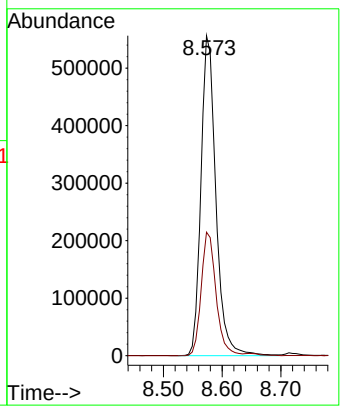


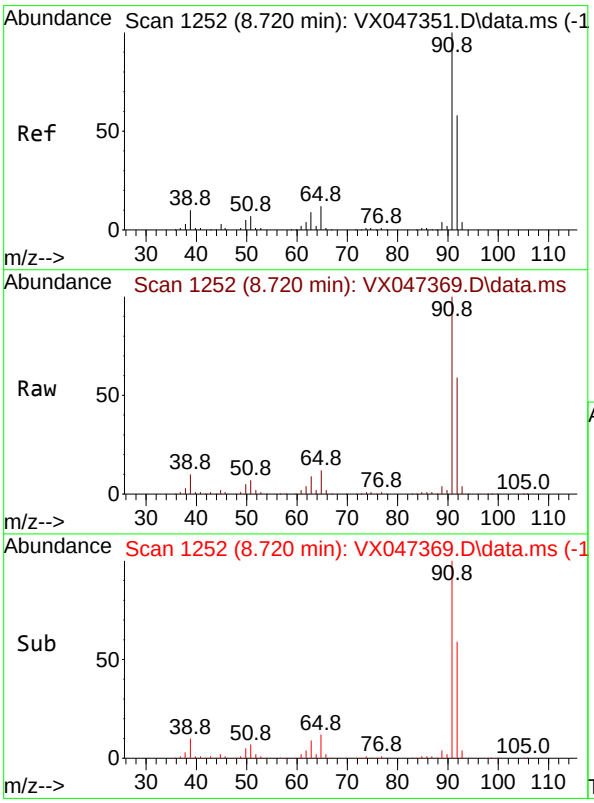
#51
4-Methyl-2-Pentanone
Concen: 264.515 ug/l
RT: 8.573 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 985485

Ion	Ratio	Lower	Upper
43	100		
58	38.3	31.2	46.8

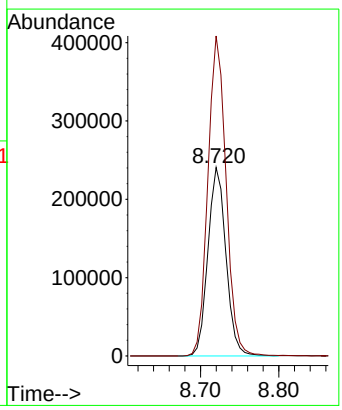


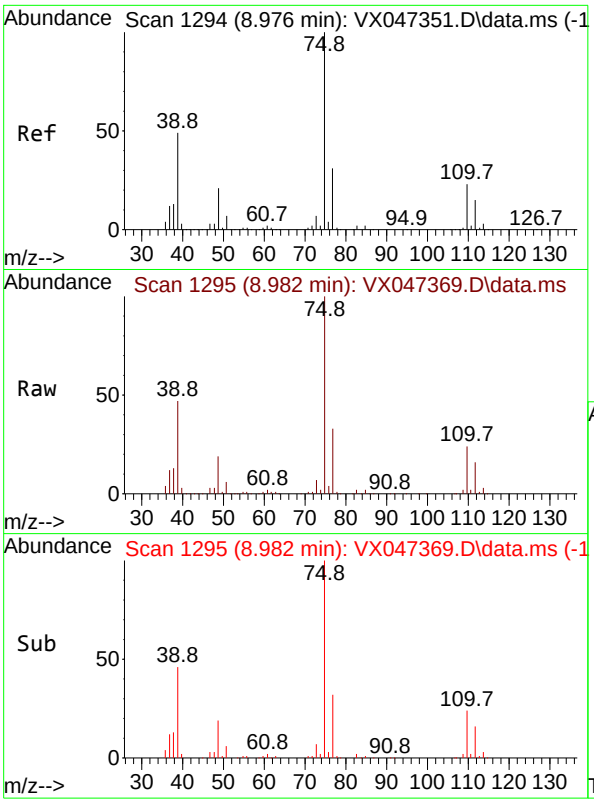


#52
Toluene
Concen: 47.956 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 92 Resp: 385041

Ion	Ratio	Lower	Upper
92	100		
91	171.2	136.3	204.5



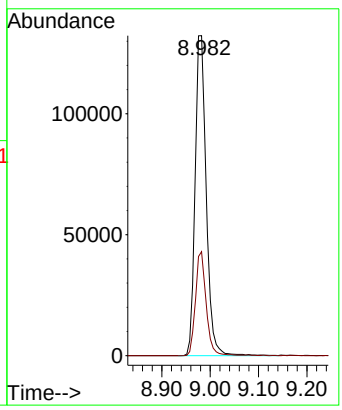


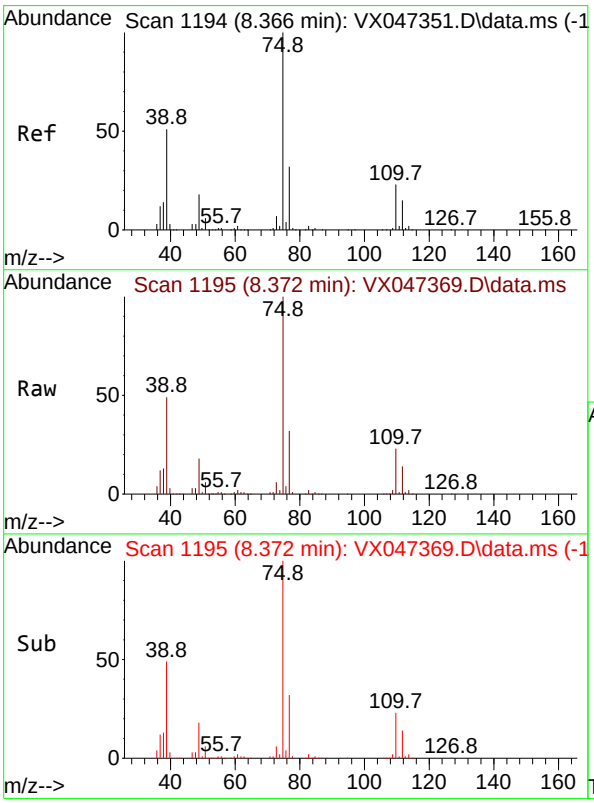
#53
t-1,3-Dichloropropene
Concen: 49.301 ug/l
RT: 8.982 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 210802

Ion	Ratio	Lower	Upper
75	100		
77	32.5	24.7	37.1

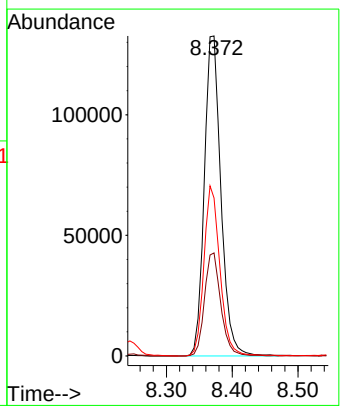


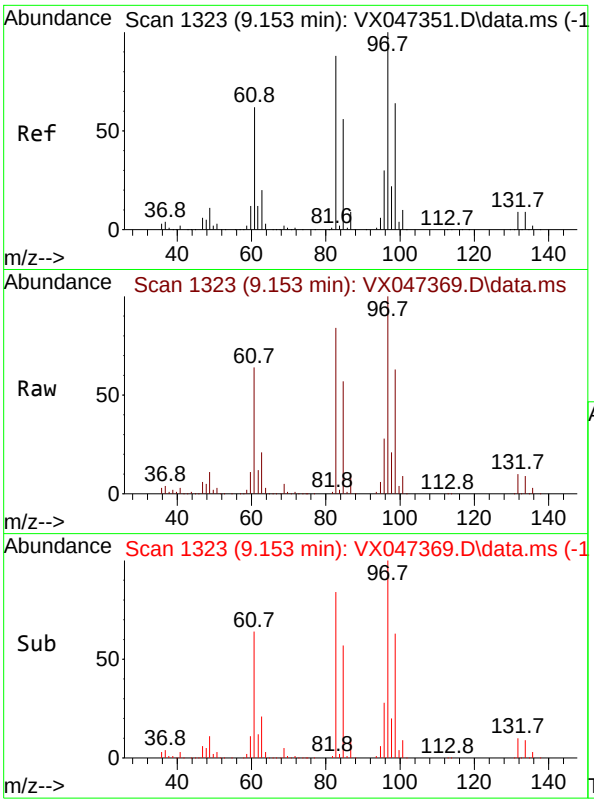


#54
cis-1,3-Dichloropropene
Concen: 48.275 ug/l
RT: 8.372 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 75 Resp: 233636

Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.6	38.4
39	49.3	40.9	61.3



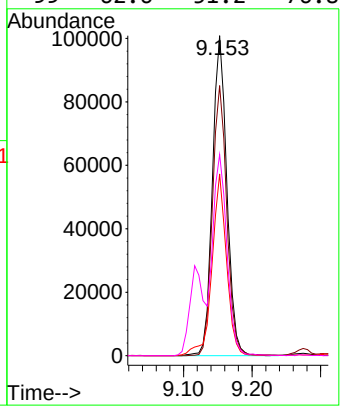


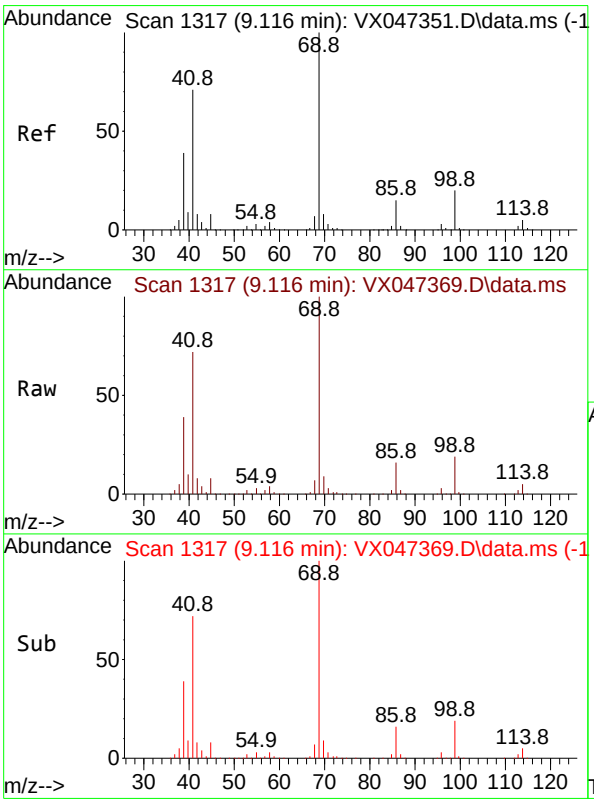
#55
1,1,2-Trichloroethane
Concen: 48.406 ug/l
RT: 9.153 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 147563

Ion	Ratio	Lower	Upper
97	100		
83	84.4	70.6	106.0
85	56.7	44.7	67.1
99	62.6	51.2	76.8

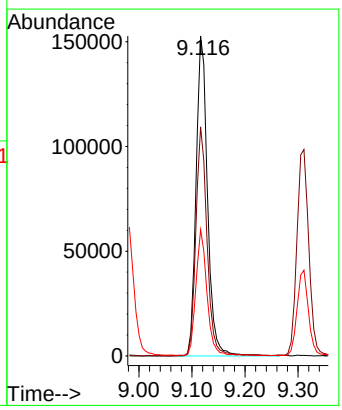


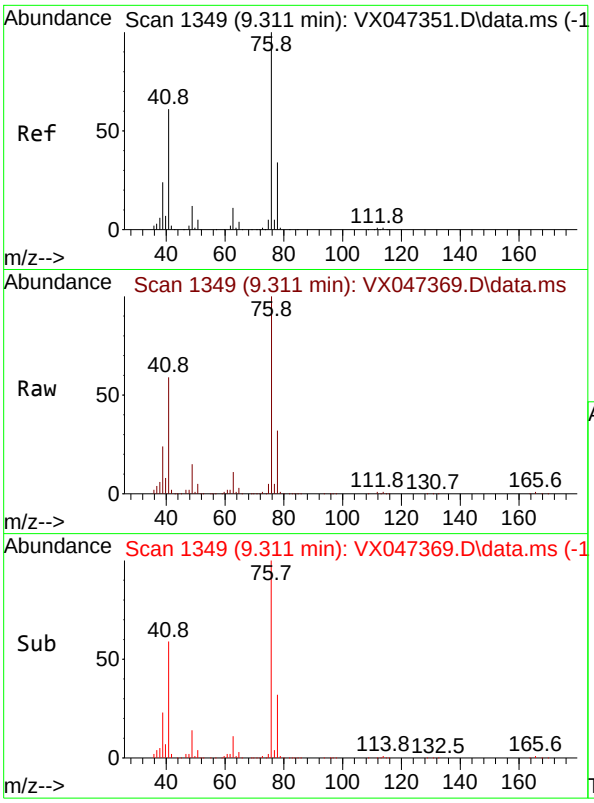


#56
Ethyl methacrylate
Concen: 50.873 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 69 Resp: 228646

Ion	Ratio	Lower	Upper
69	100		
41	70.6	55.3	82.9
39	38.2	30.2	45.2



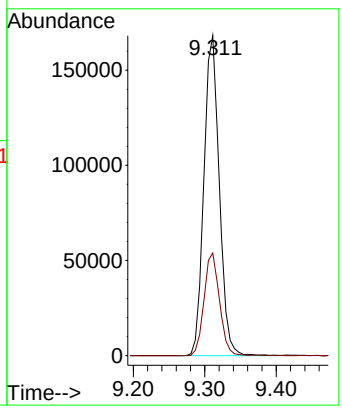


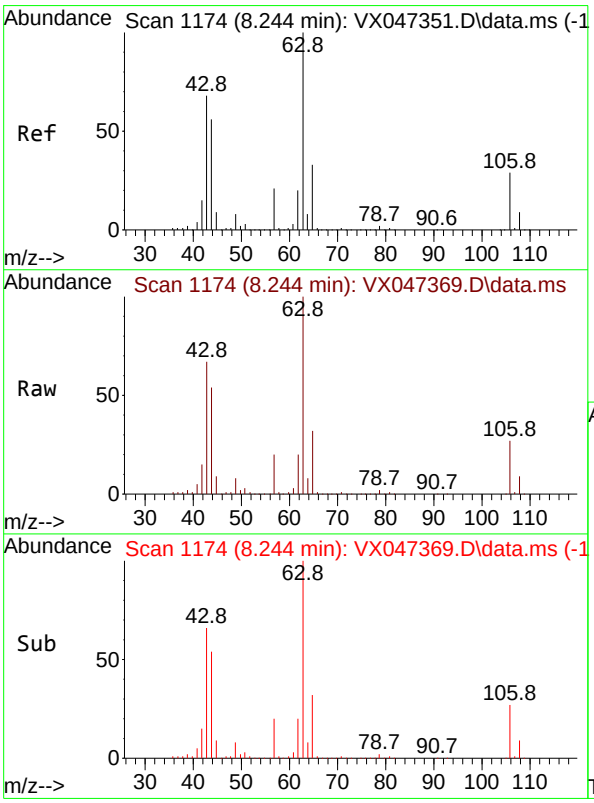
#57
1,3-Dichloropropane
Concen: 48.422 ug/l
RT: 9.311 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 251527

Ion	Ratio	Lower	Upper
76	100		
78	32.3	26.2	39.2

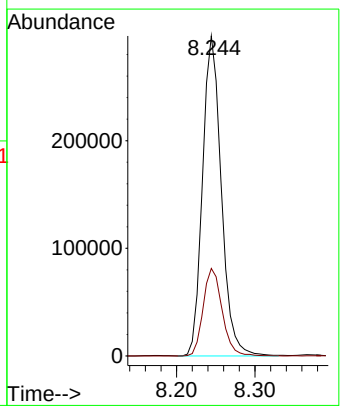


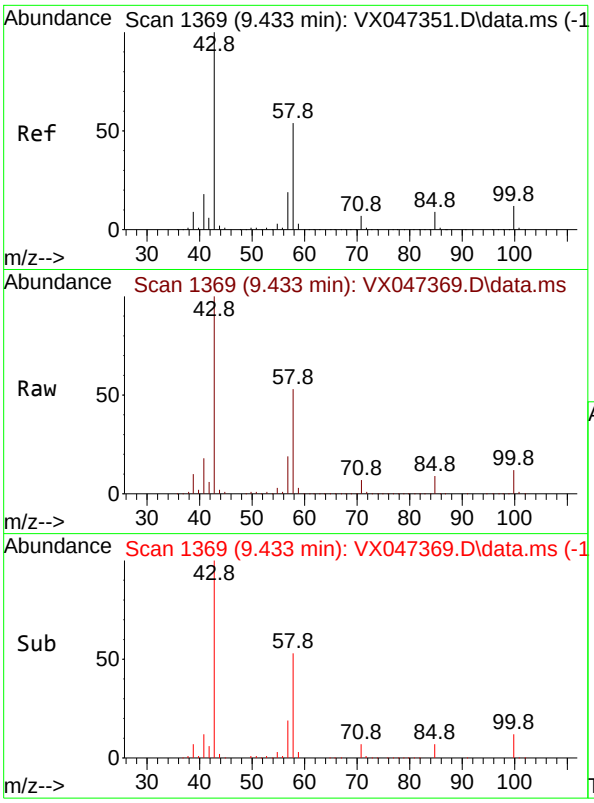


#58
2-Chloroethyl Vinyl ether
Concen: 231.506 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 63 Resp: 495476

Ion	Ratio	Lower	Upper
63	100		
106	27.6	22.8	34.2



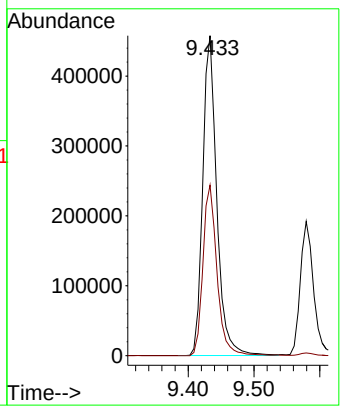


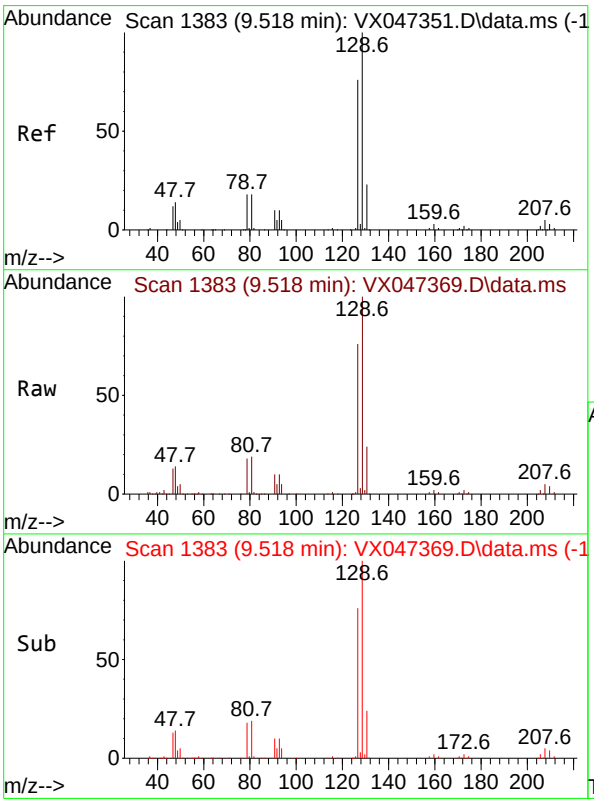
#59
2-Hexanone
Concen: 263.424 ug/l
RT: 9.433 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 678869

Ion	Ratio	Lower	Upper
43	100		
58	53.5	26.9	80.7

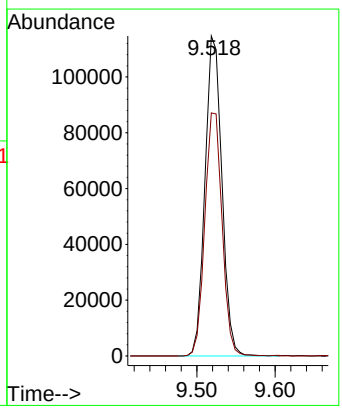


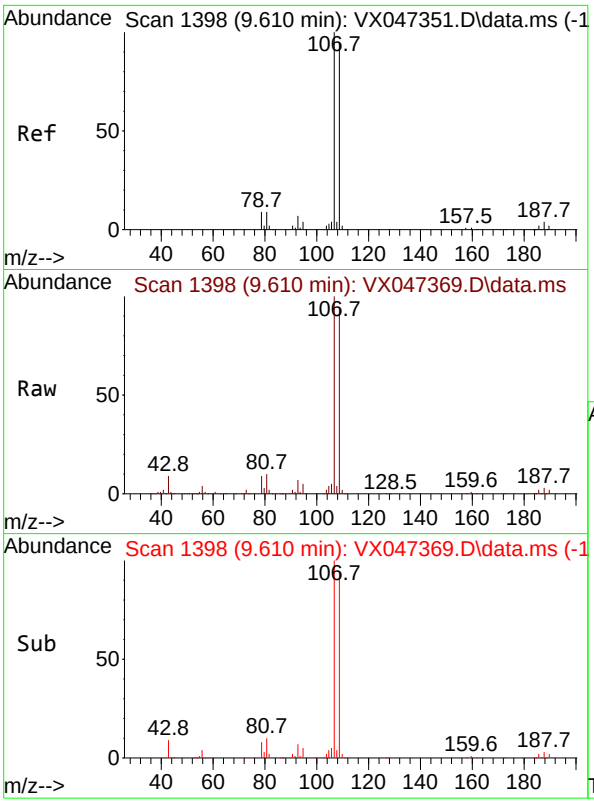


#60
Dibromochloromethane
Concen: 47.350 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion:129 Resp: 171539

Ion	Ratio	Lower	Upper
129	100		
127	77.7	38.9	116.6



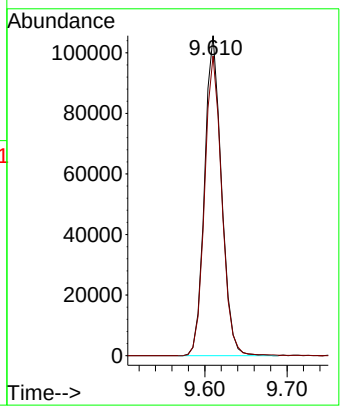


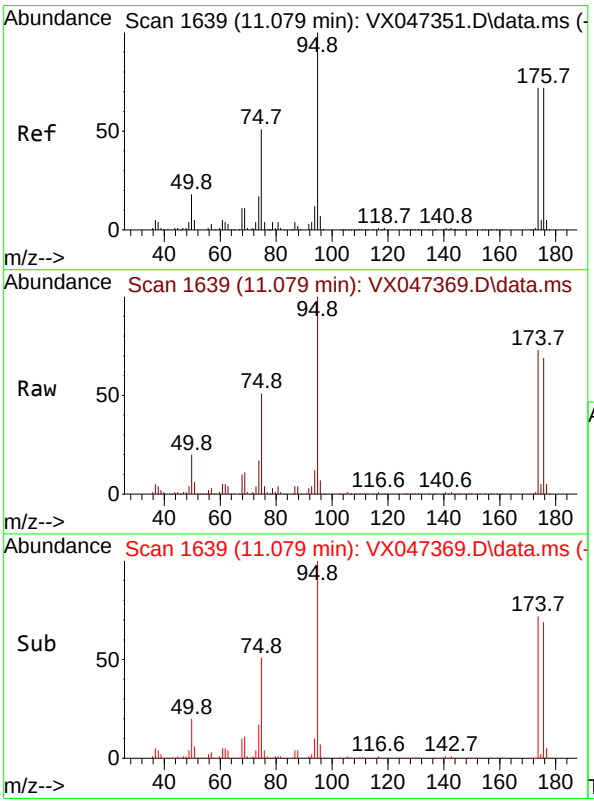
#61
1,2-Dibromoethane
Concen: 48.044 ug/l
RT: 9.610 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 151027

Ion	Ratio	Lower	Upper
107	100		
109	95.4	76.2	114.2

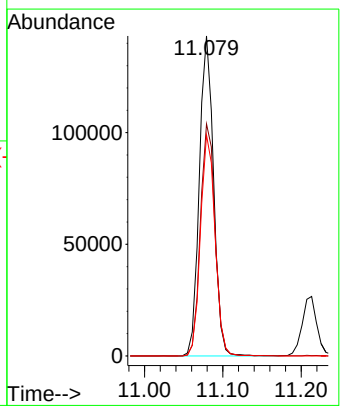


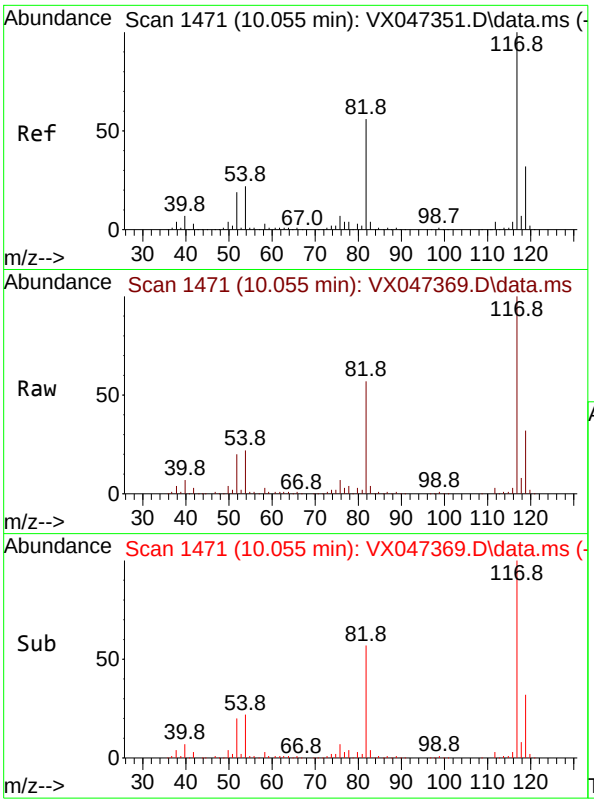


#62
4-Bromofluorobenzene
Concen: 49.860 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 95 Resp: 180848

Ion	Ratio	Lower	Upper
95	100		
174	74.6	0.0	148.0
176	70.6	0.0	145.4



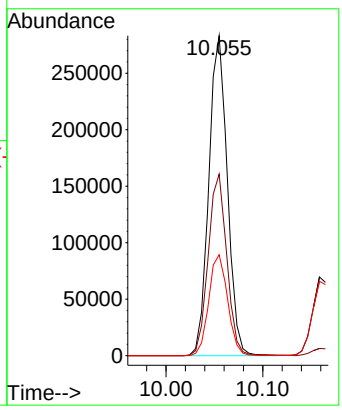


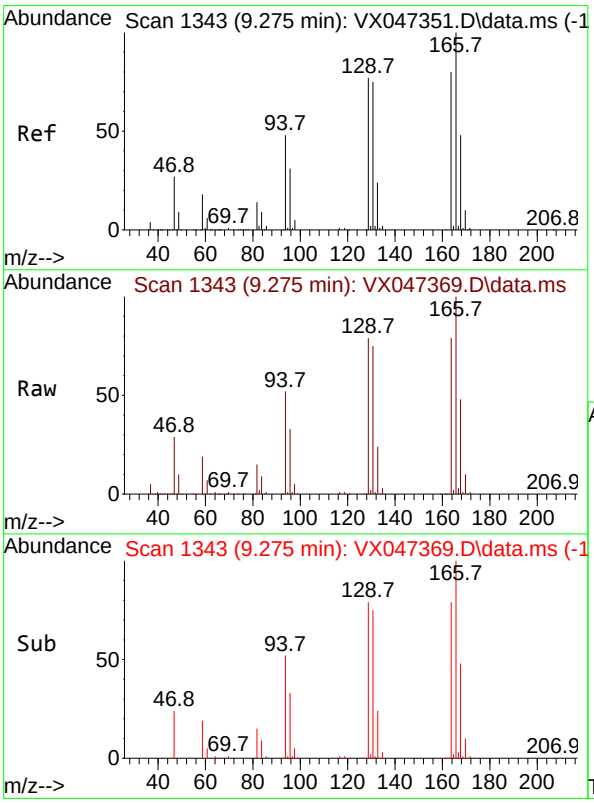
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 377122

Ion	Ratio	Lower	Upper
117	100		
82	56.8	45.0	67.4
119	31.6	25.8	38.8

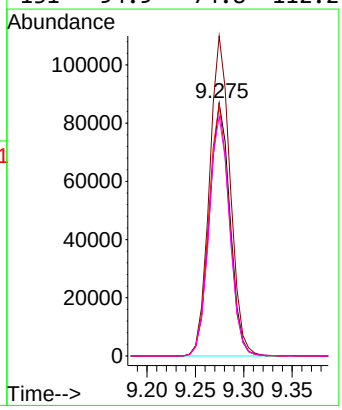


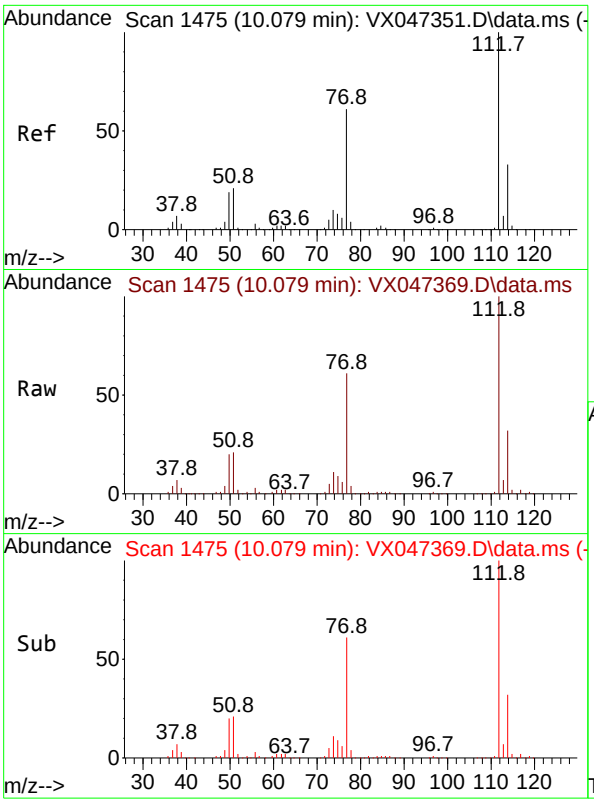


#64
Tetrachloroethene
Concen: 47.219 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion:164 Resp: 128802

Ion	Ratio	Lower	Upper
164	100		
166	126.6	100.3	150.5
129	99.6	77.7	116.5
131	94.9	74.8	112.2



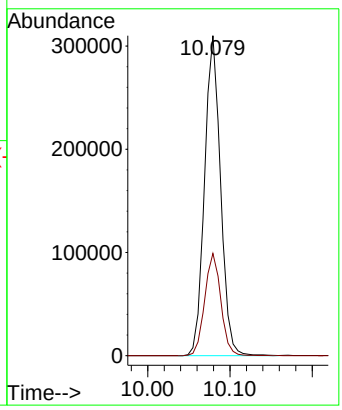


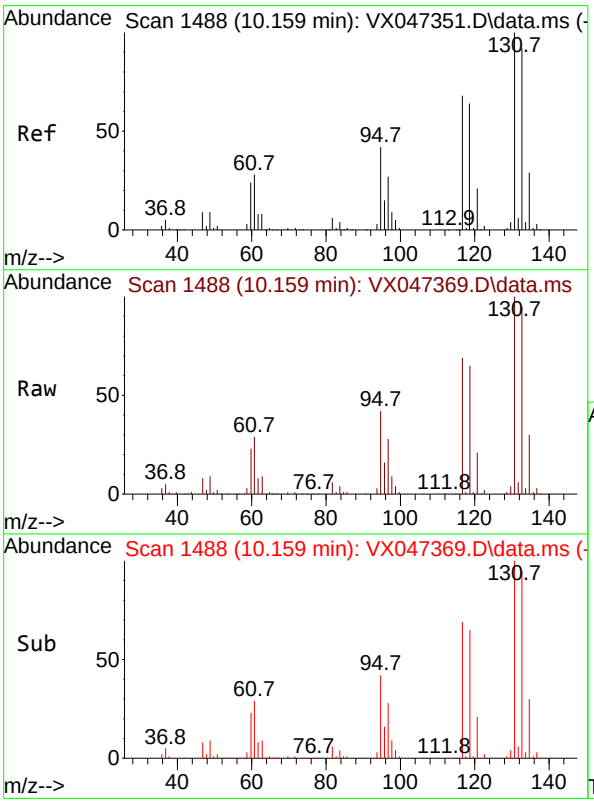
#65
Chlorobenzene
Concen: 46.862 ug/l
RT: 10.079 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 419976

Ion	Ratio	Lower	Upper
112	100		
114	31.9	26.4	39.6

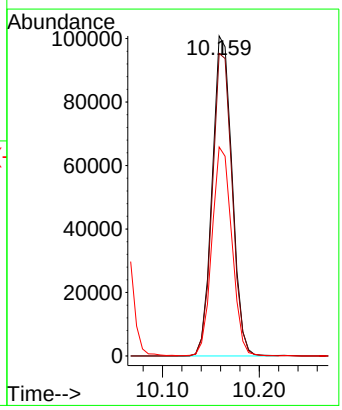


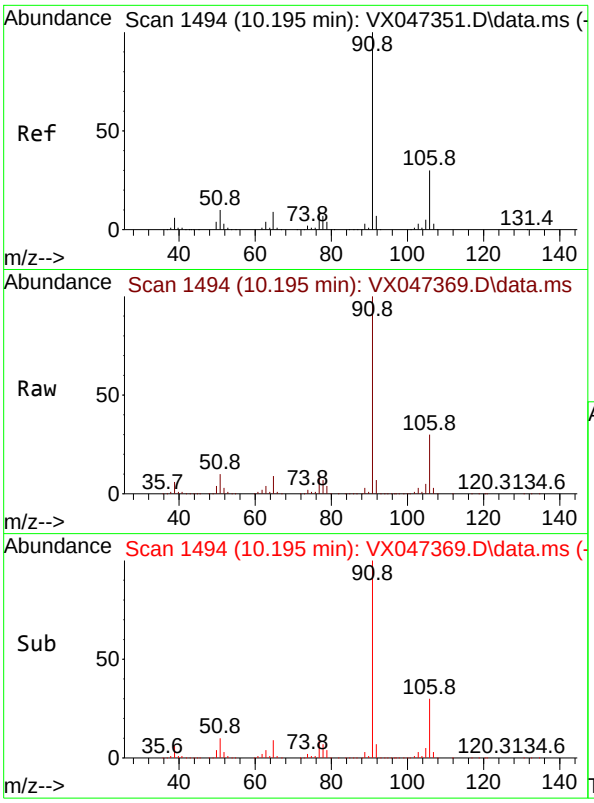


#66
1,1,1,2-Tetrachloroethane
Concen: 47.366 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion:131 Resp: 143495

Ion	Ratio	Lower	Upper
131	100		
133	94.6	47.6	142.9
119	65.6	32.3	96.8



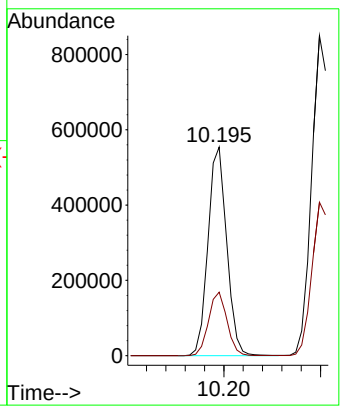


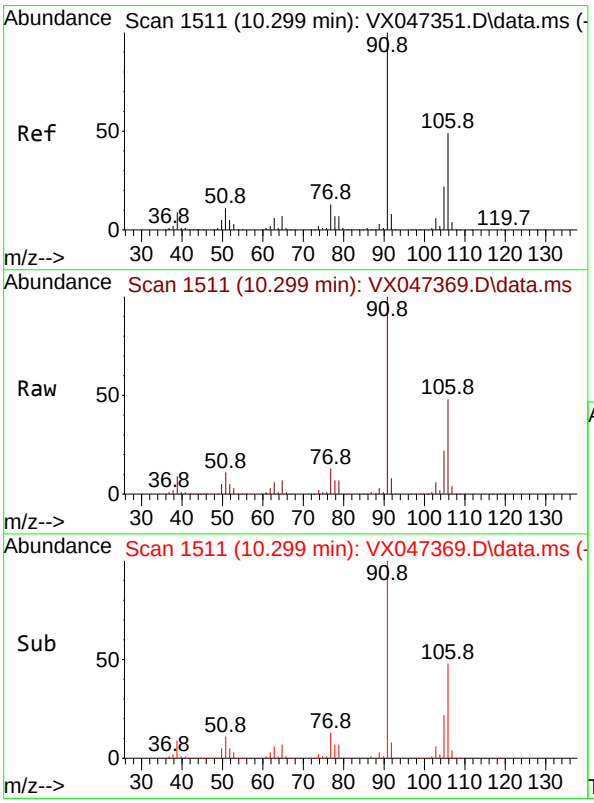
#67
Ethyl Benzene
Concen: 48.132 ug/l
RT: 10.195 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 742426

Ion	Ratio	Lower	Upper
91	100		
106	30.4	24.4	36.6

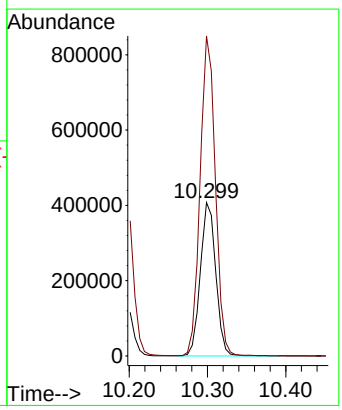


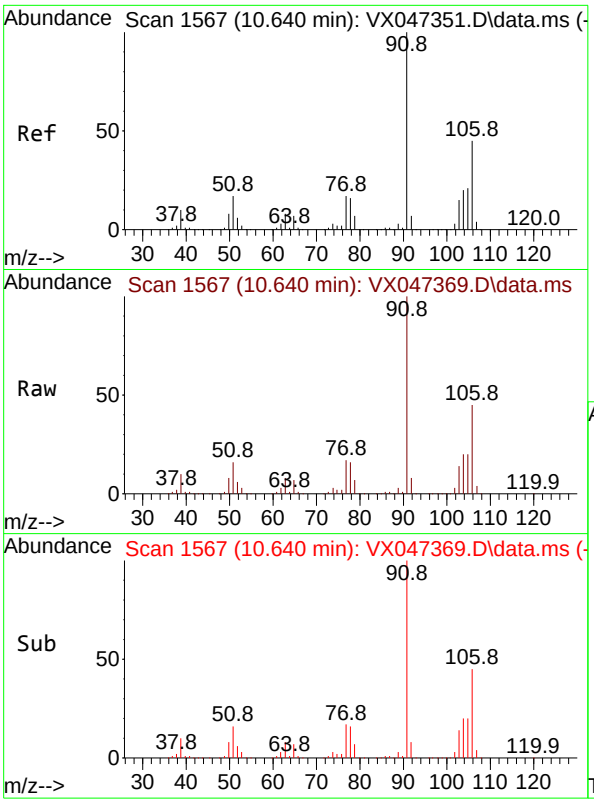


#68
m/p-Xylenes
Concen: 96.708 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion:106 Resp: 556218

Ion	Ratio	Lower	Upper
106	100		
91	206.8	164.7	247.1



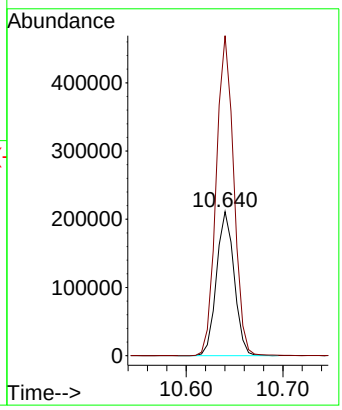


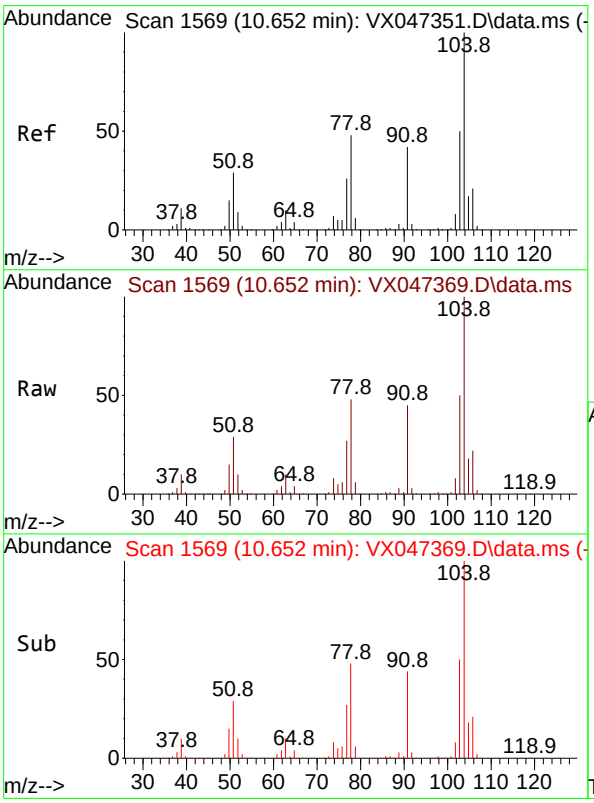
#69
o-Xylene
Concen: 48.345 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 267582

Ion	Ratio	Lower	Upper
106	100		
91	220.4	110.6	331.8

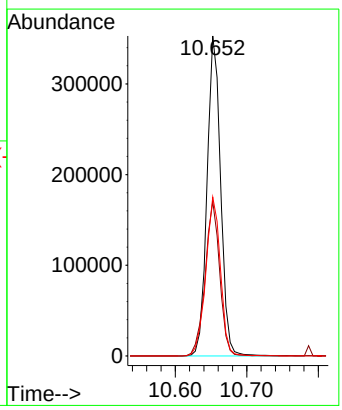


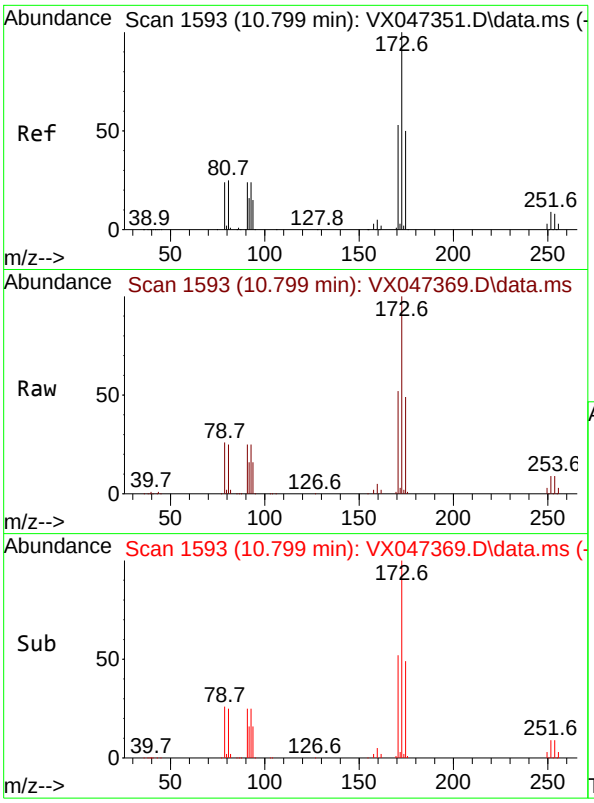


#70
Styrene
Concen: 49.774 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion:104 Resp: 465494

Ion	Ratio	Lower	Upper
104	100		
78	52.1	41.8	62.8
103	53.7	43.6	65.4



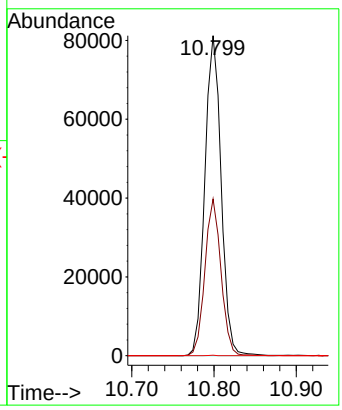


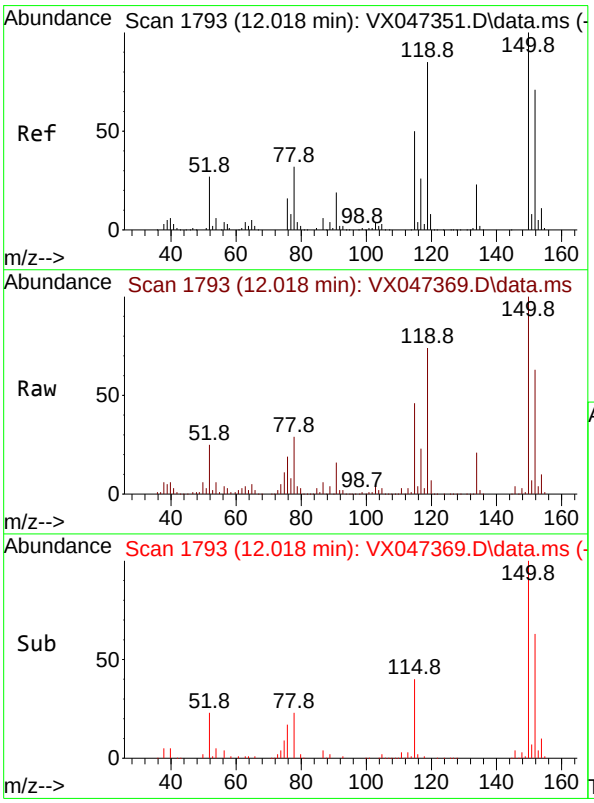
#71
Bromoform
Concen: 49.178 ug/l
RT: 10.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 111925

Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.4	73.4
254	0.1	0.1	0.1#

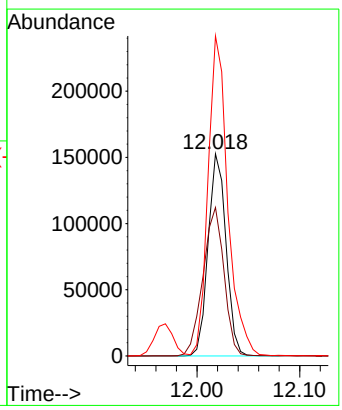


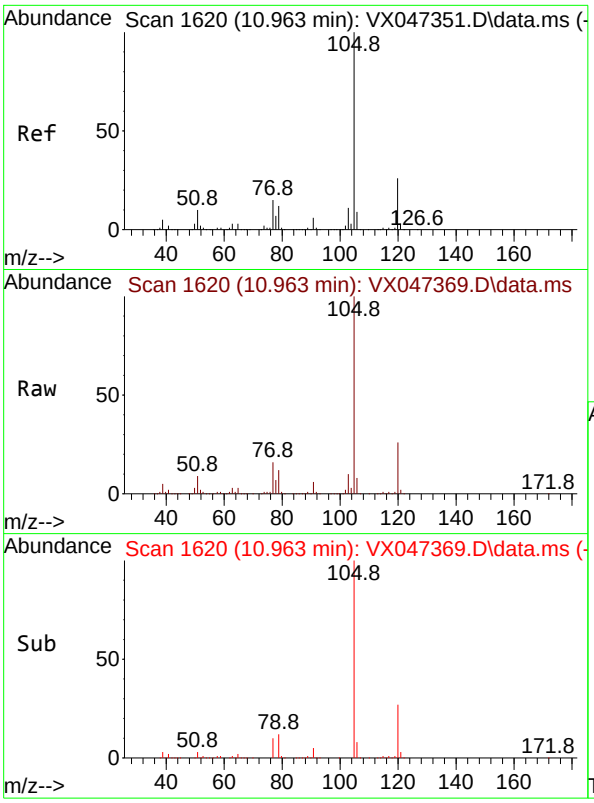


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion:152 Resp: 185359

Ion	Ratio	Lower	Upper
152	100		
115	86.1	44.6	133.8
150	173.7	0.0	349.8



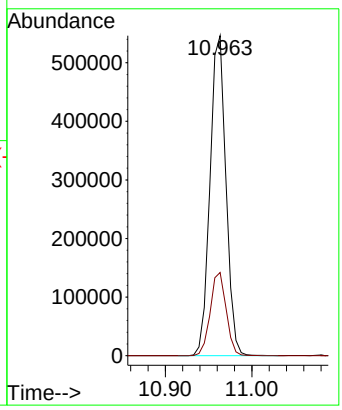


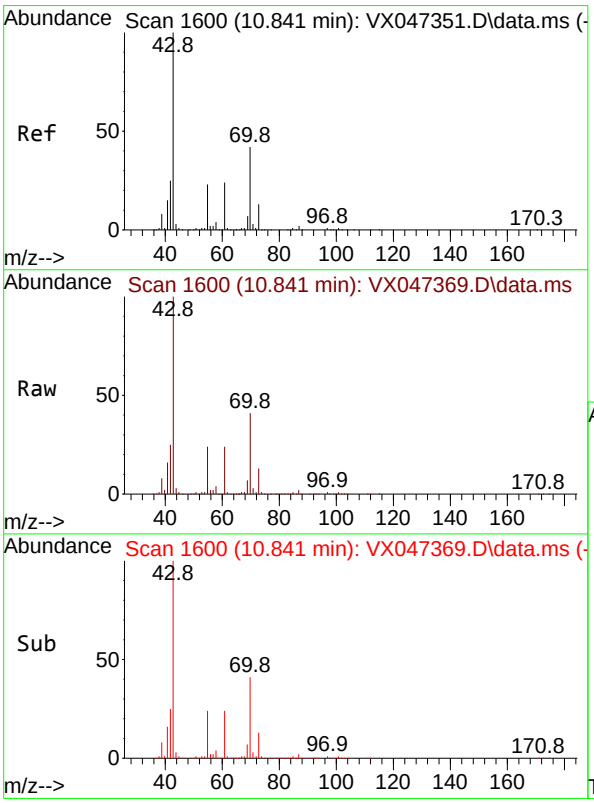
#73
Isopropylbenzene
Concen: 48.148 ug/l
RT: 10.963 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 698402

Ion	Ratio	Lower	Upper
105	100		
120	25.9	12.9	38.6

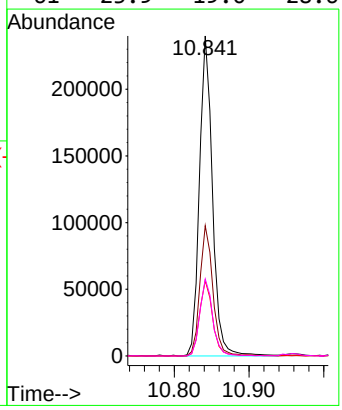


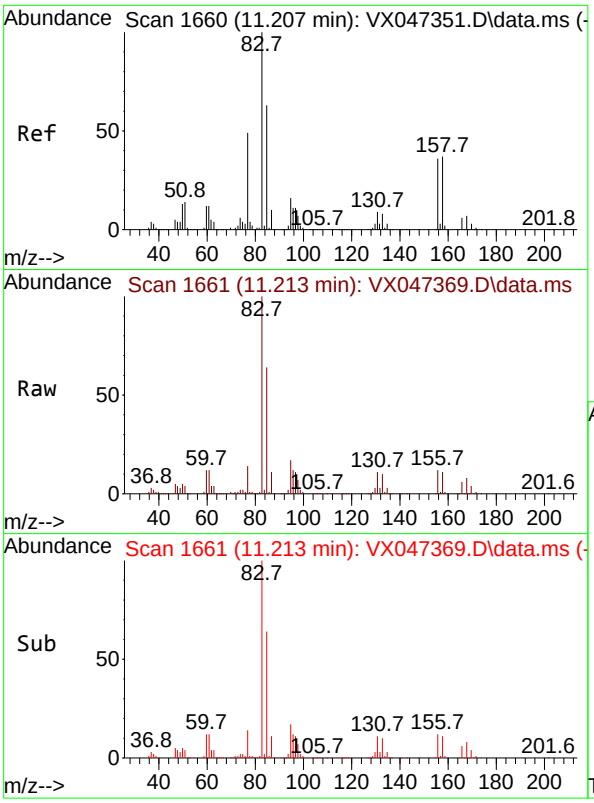


#74
N-amyl acetate
Concen: 52.718 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 43 Resp: 290383

Ion	Ratio	Lower	Upper
43	100		
70	40.8	33.1	49.7
55	23.8	19.0	28.6
61	23.9	19.0	28.6



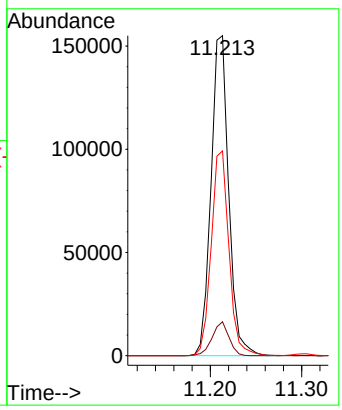


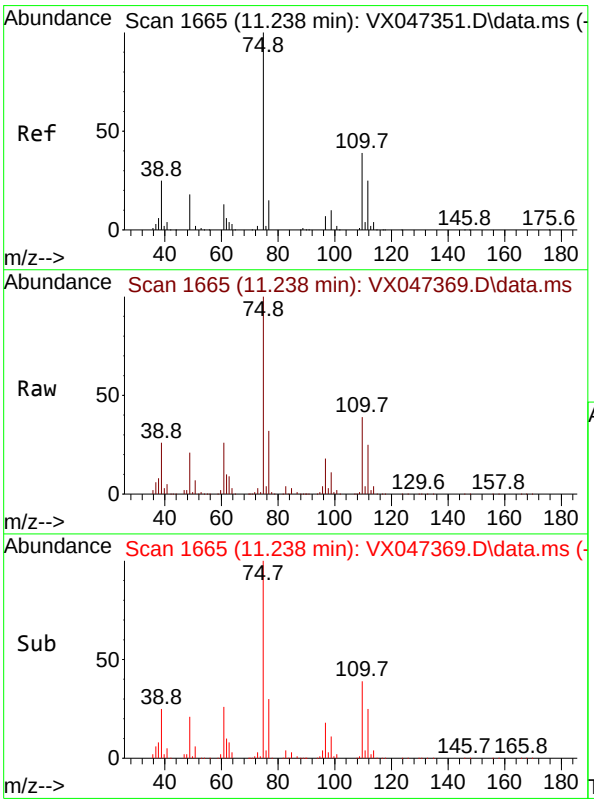
#75
1,1,2,2-Tetrachloroethane
Concen: 49.044 ug/l
RT: 11.213 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 208867

Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.0	15.0
85	64.1	31.7	95.1

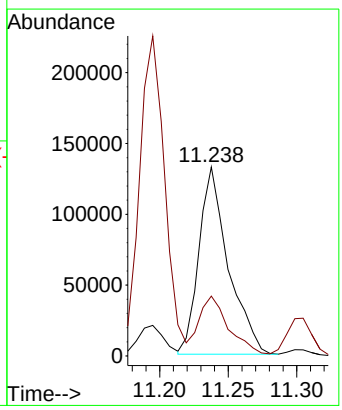


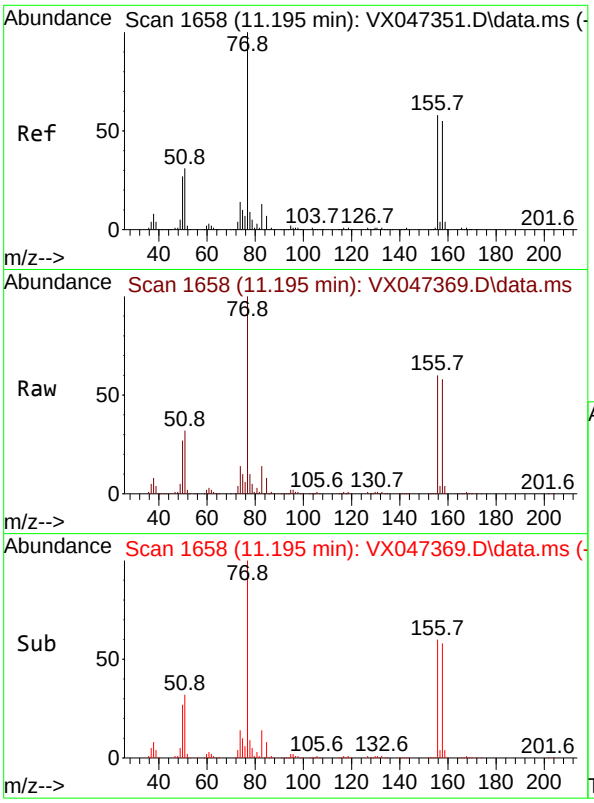


#76
1,2,3-Trichloropropane
Concen: 58.001 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 75 Resp: 197186

Ion	Ratio	Lower	Upper
75	100		
77	33.0	19.4	58.2



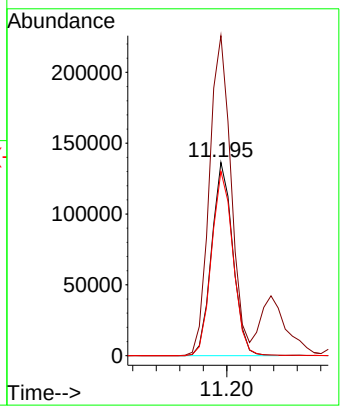


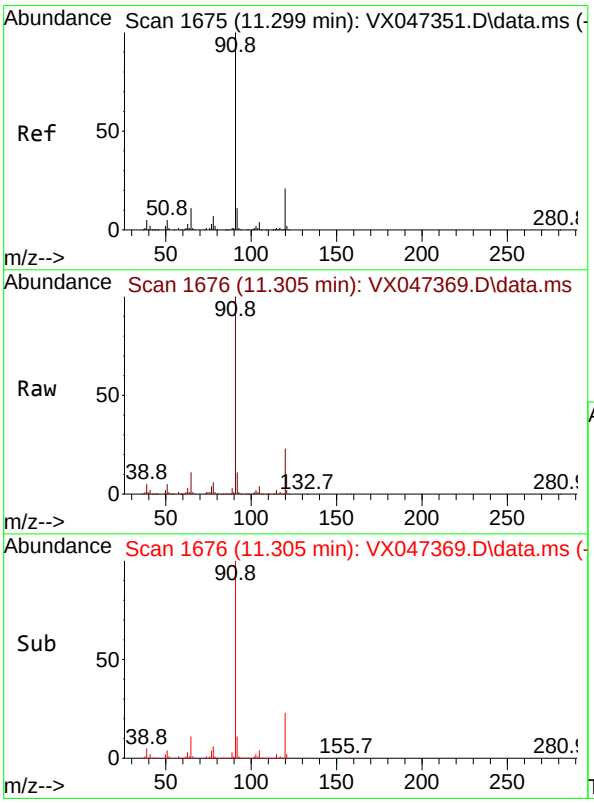
#77
Bromobenzene
Concen: 48.280 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 171008

Ion	Ratio	Lower	Upper
156	100		
77	169.4	86.3	258.9
158	96.8	48.0	144.2

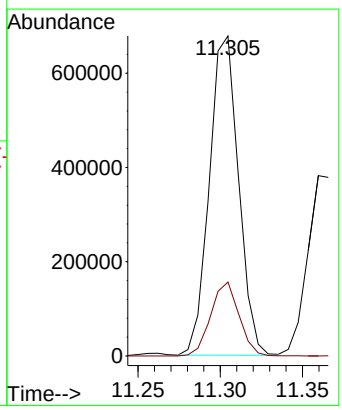


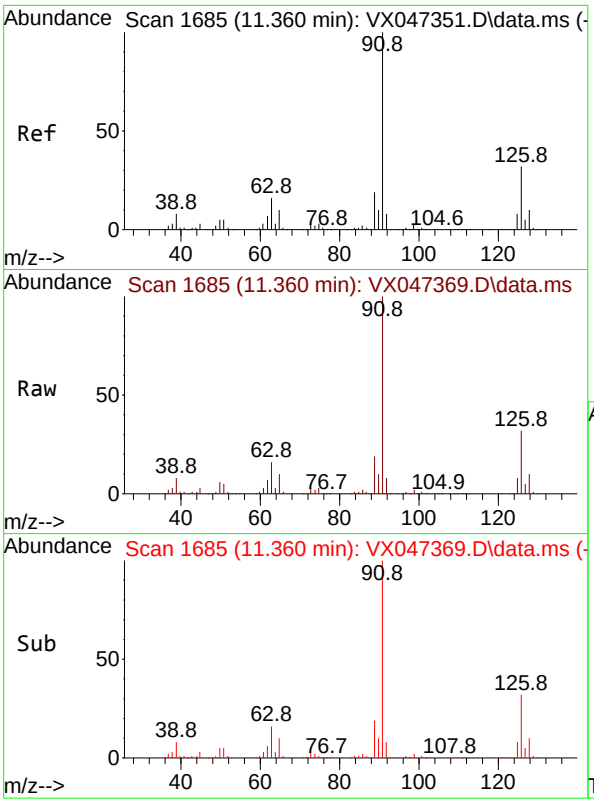


#78
n-propylbenzene
Concen: 48.305 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 91 Resp: 836824

Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.0	33.0



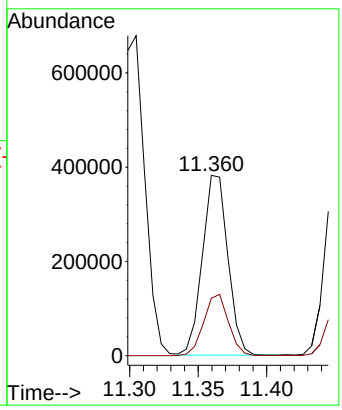


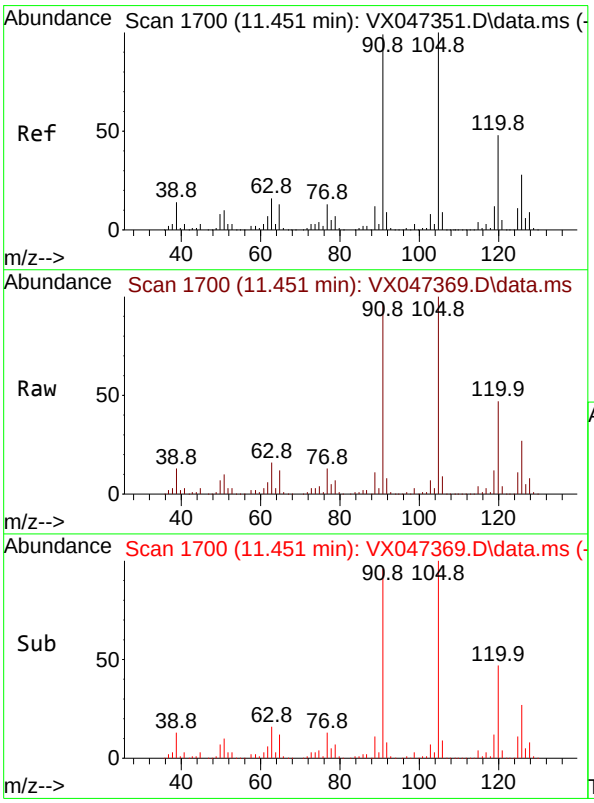
#79
2-Chlorotoluene
Concen: 47.154 ug/l
RT: 11.360 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 493814

Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.7	50.1

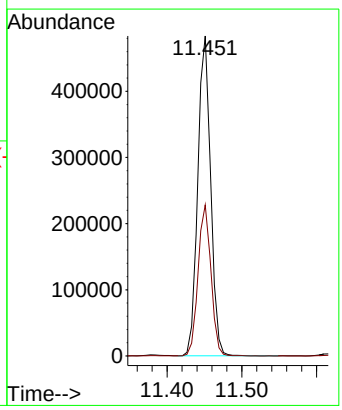


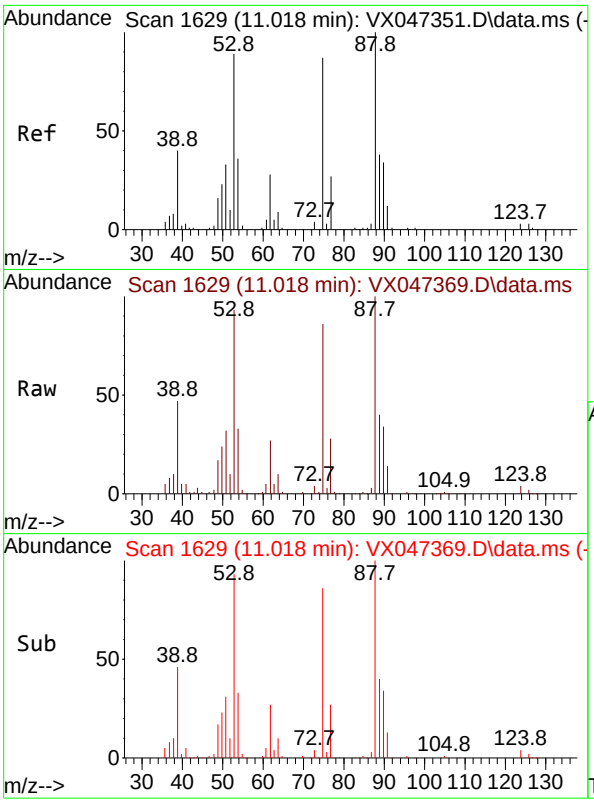


#80
1,3,5-Trimethylbenzene
Concen: 48.316 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion:105 Resp: 576641

Ion	Ratio	Lower	Upper
105	100		
120	47.4	23.9	71.7



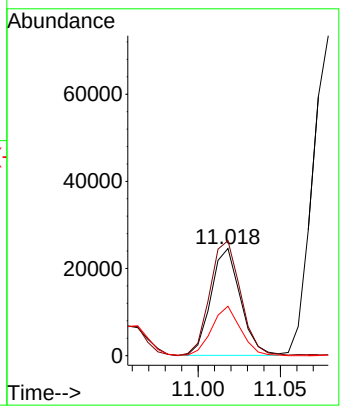


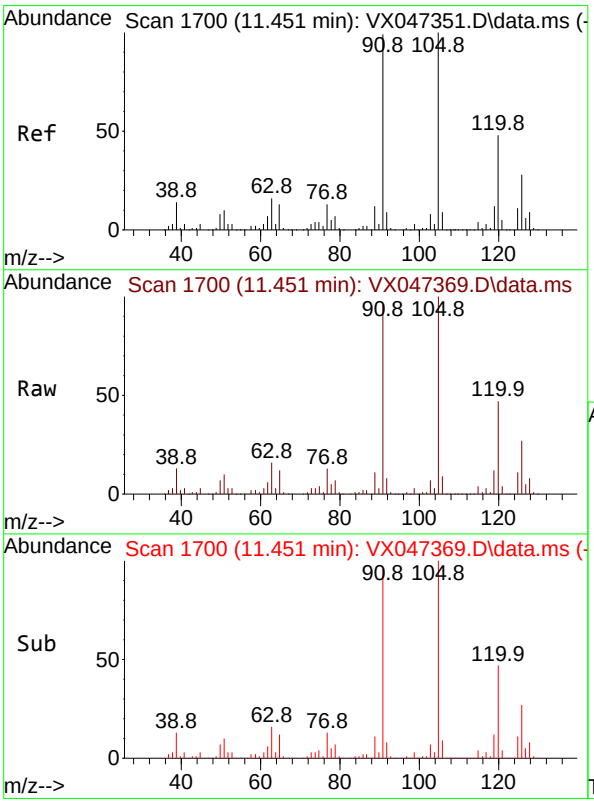
#81
trans-1,4-Dichloro-2-butene
Concen: 40.864 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 30626

Ion	Ratio	Lower	Upper
75	100		
53	113.9	85.2	127.8
89	45.5	36.7	55.1

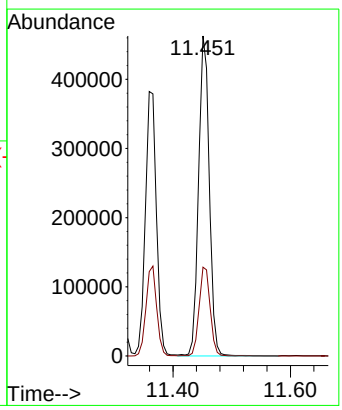


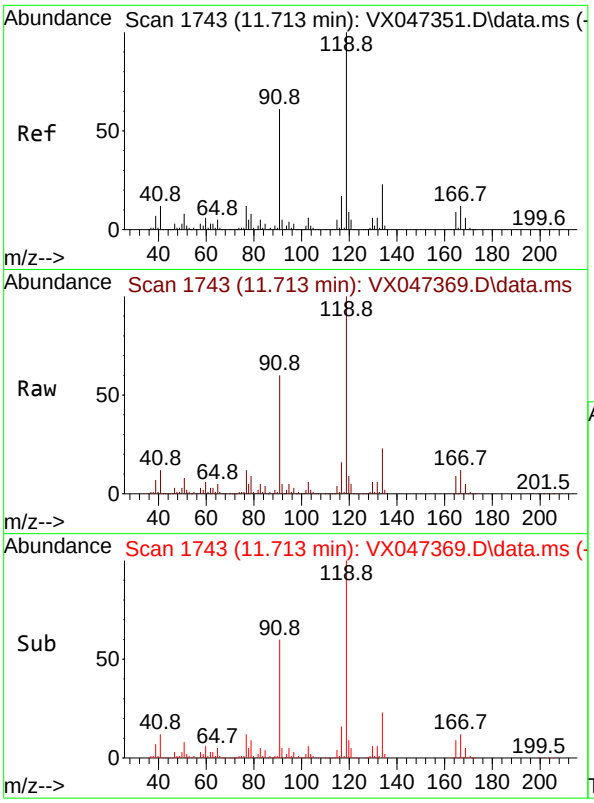


#82
4-Chlorotoluene
Concen: 47.639 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 91 Resp: 588084

Ion	Ratio	Lower	Upper
91	100		
126	28.5	14.4	43.0



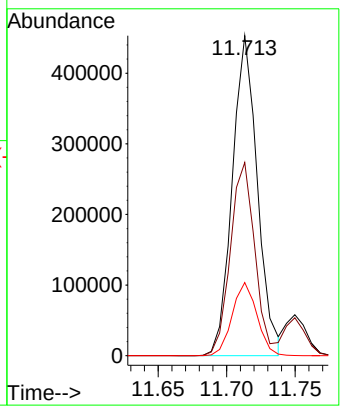


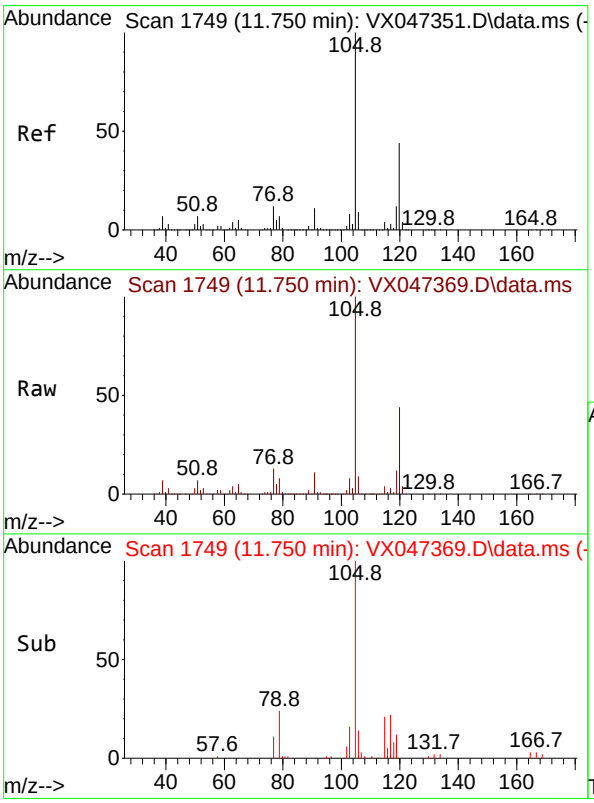
#83
tert-Butylbenzene
Concen: 48.498 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 577466

Ion	Ratio	Lower	Upper
119	100		
91	59.6	29.1	87.4
134	22.6	11.3	33.9

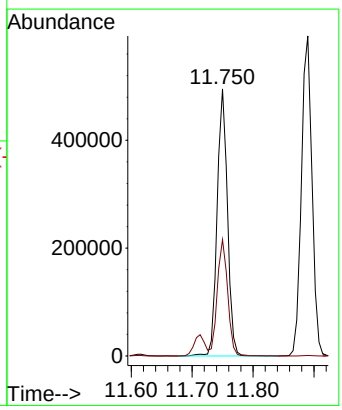


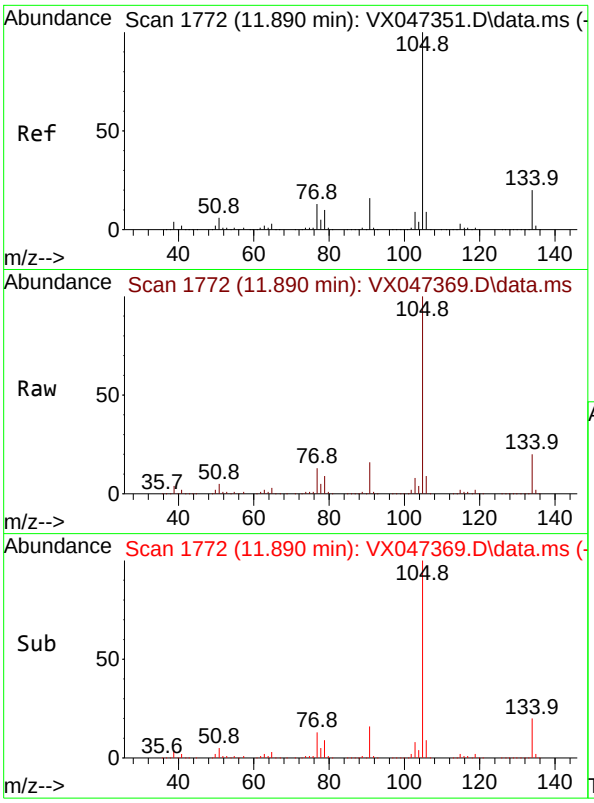


#84
1,2,4-Trimethylbenzene
Concen: 48.662 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion:105 Resp: 580775

Ion	Ratio	Lower	Upper
105	100		
120	44.0	21.9	65.7



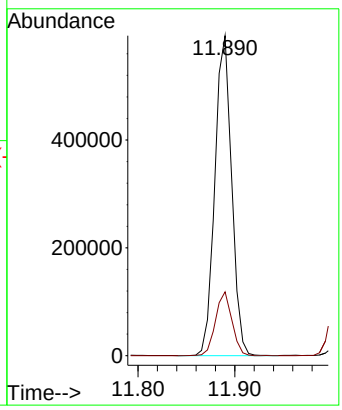


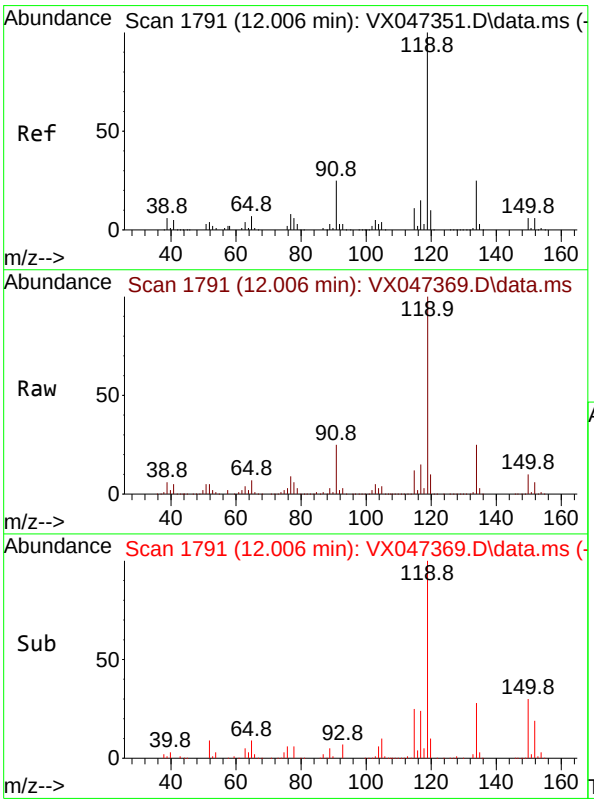
#85
sec-Butylbenzene
Concen: 48.475 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 715409

Ion	Ratio	Lower	Upper
105	100		
134	19.6	9.8	29.5

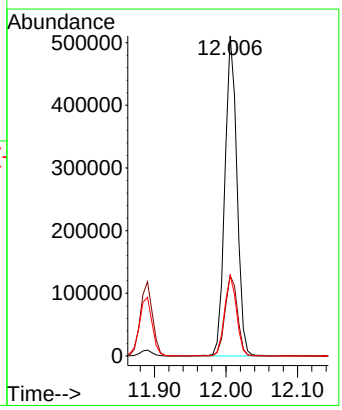


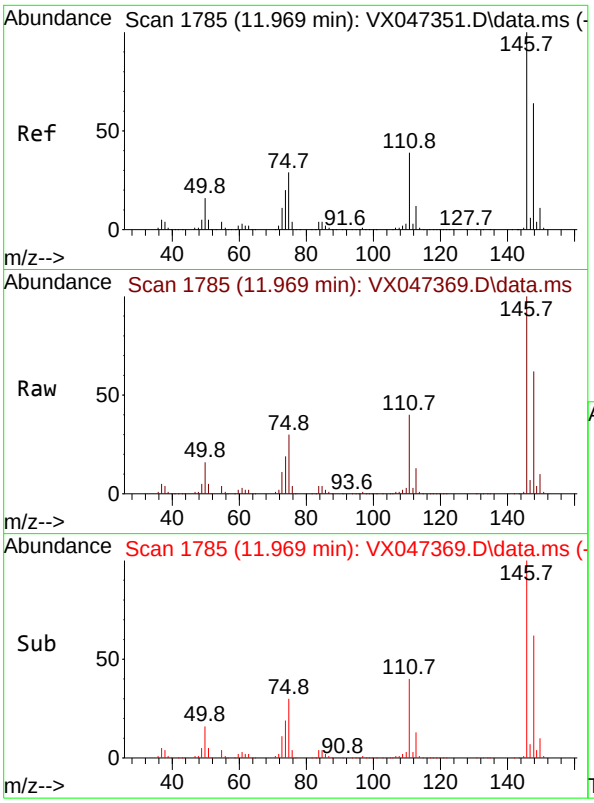


#86
p-Isopropyltoluene
Concen: 47.959 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion:119 Resp: 598935

Ion	Ratio	Lower	Upper
119	100		
134	25.8	12.8	38.4
91	25.0	12.4	37.4



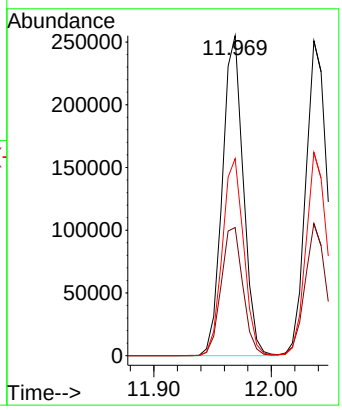


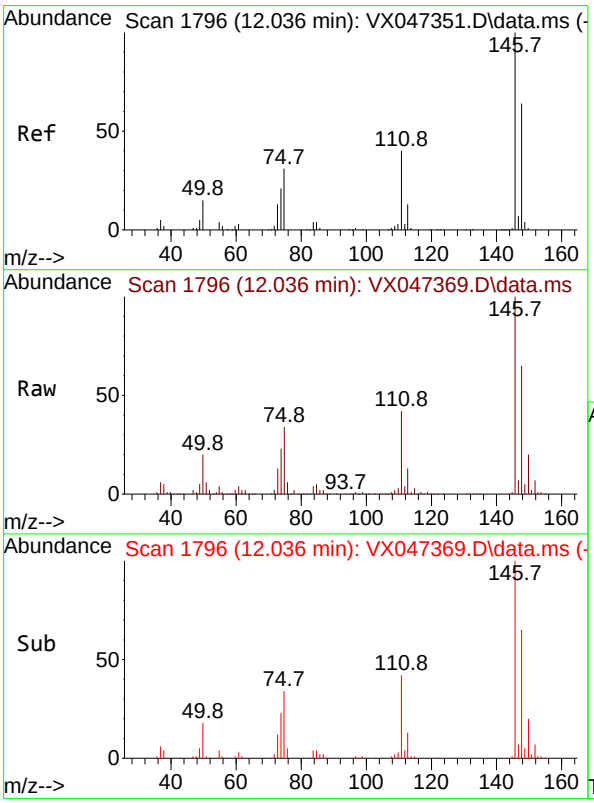
#87
1,3-Dichlorobenzene
Concen: 46.738 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 316260

Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.6	61.8
148	62.9	31.9	95.5

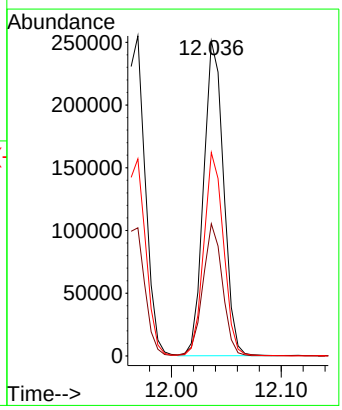


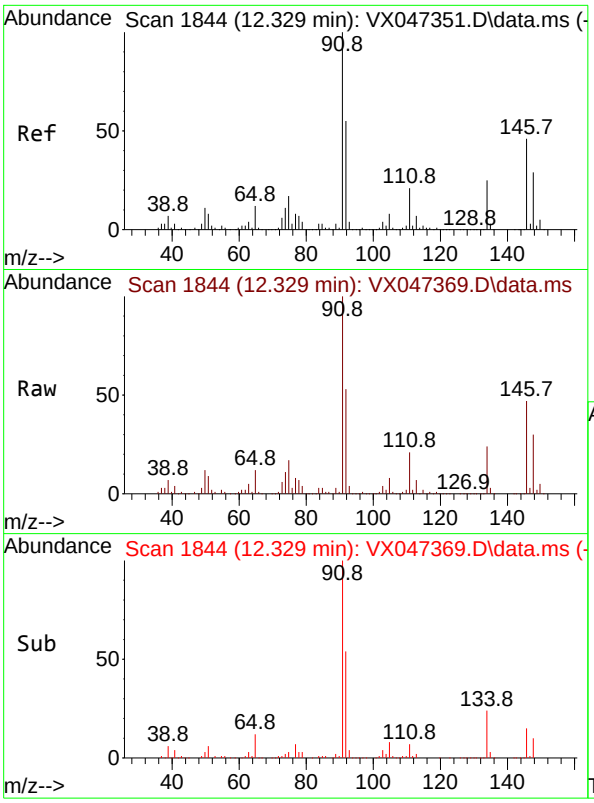


#88
1,4-Dichlorobenzene
Concen: 45.446 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion:146 Resp: 316284

Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.4	61.2
148	64.0	31.7	95.1



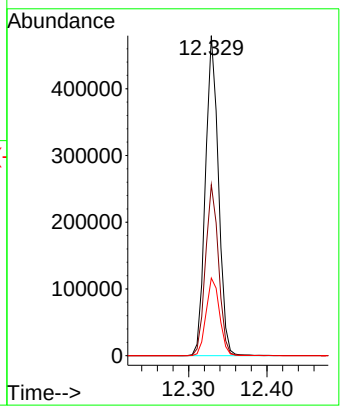


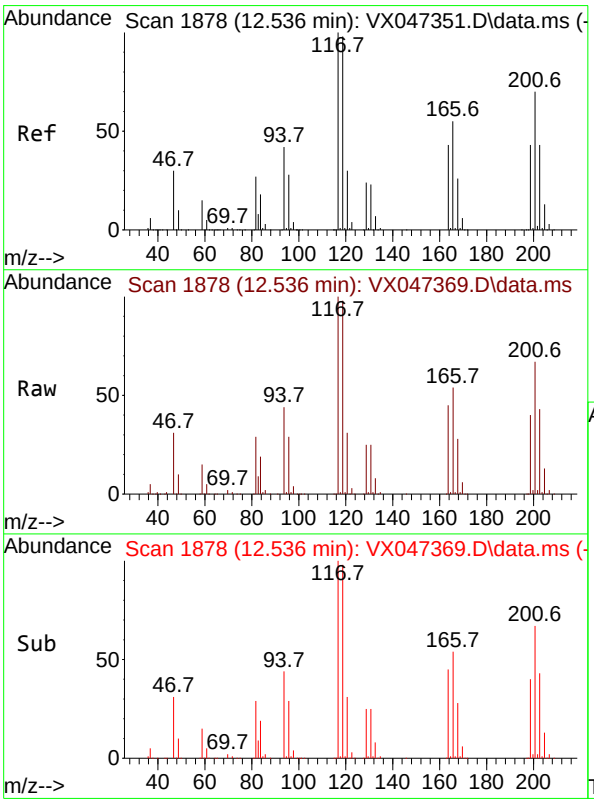
#89
n-Butylbenzene
Concen: 47.531 ug/l
RT: 12.329 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 552112

Ion	Ratio	Lower	Upper
91	100		
92	53.6	27.2	81.5
134	25.1	12.6	37.8

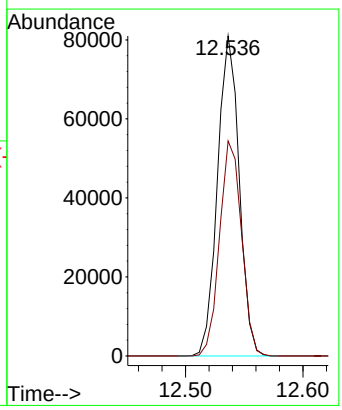


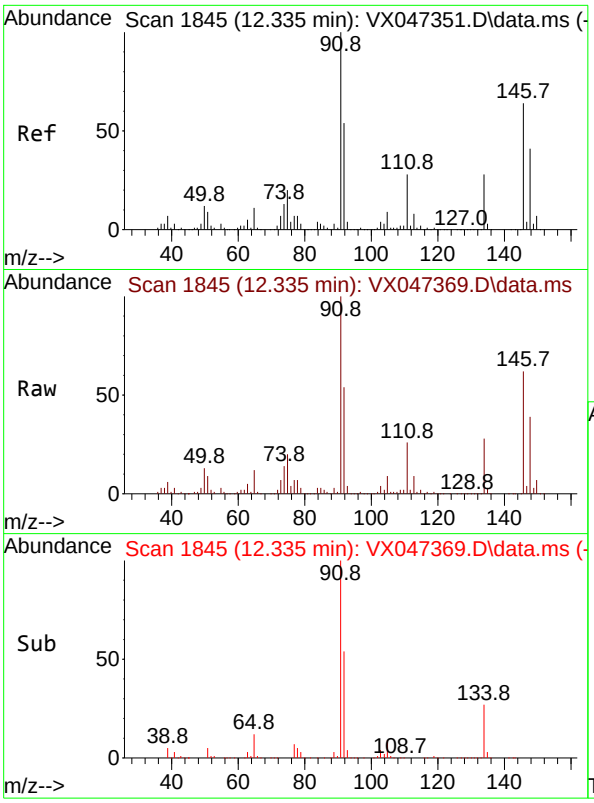


#90
Hexachloroethane
Concen: 47.461 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion:117 Resp: 103982

Ion	Ratio	Lower	Upper
117	100		
201	68.1	35.1	105.3



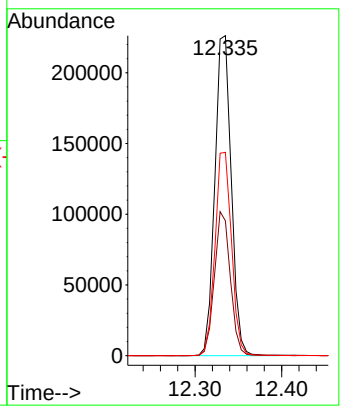


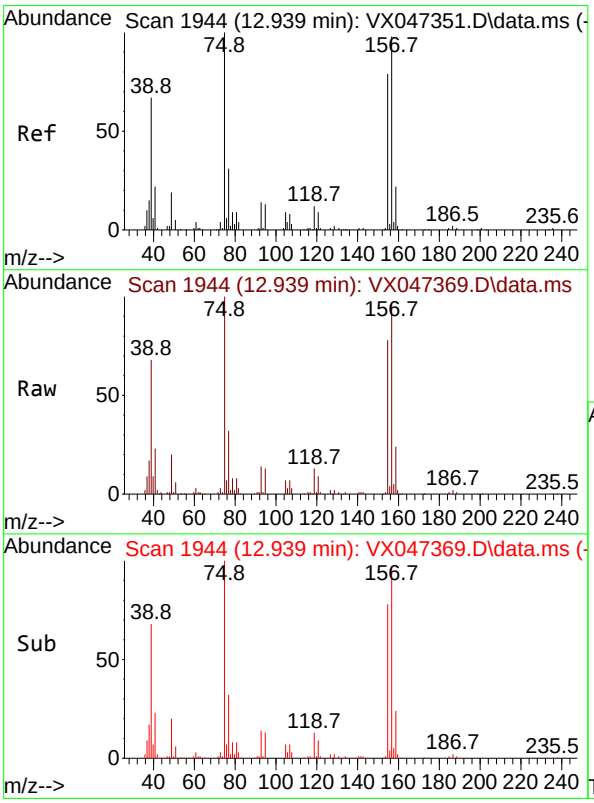
#91
1,2-Dichlorobenzene
Concen: 46.443 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 298289

Ion	Ratio	Lower	Upper
146	100		
111	43.7	22.1	66.1
148	64.0	31.9	95.5

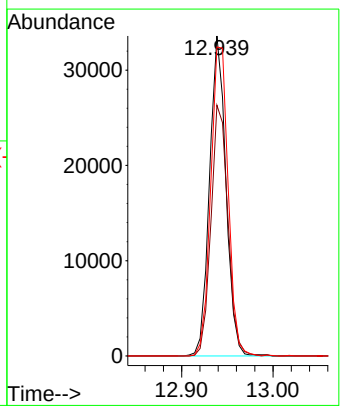


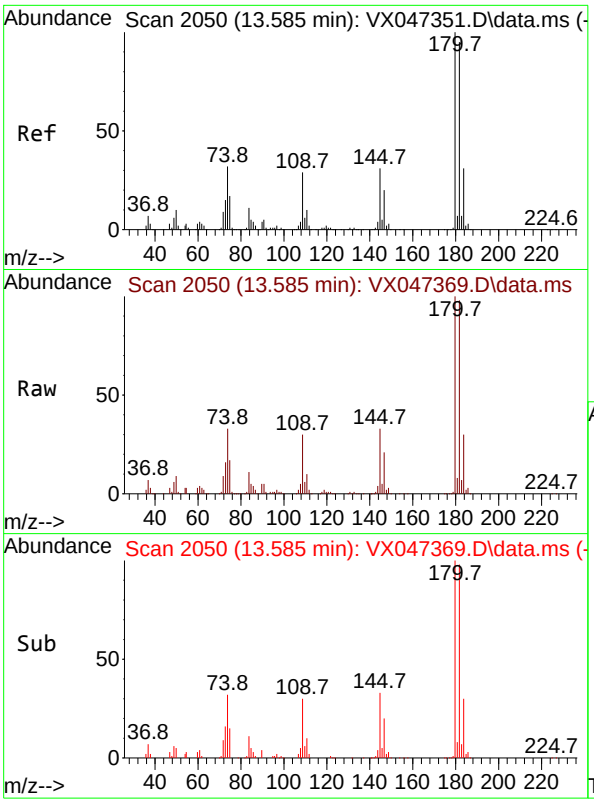


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.697 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 75 Resp: 41755

Ion	Ratio	Lower	Upper
75	100		
155	81.0	41.3	123.7
157	102.6	51.5	154.5



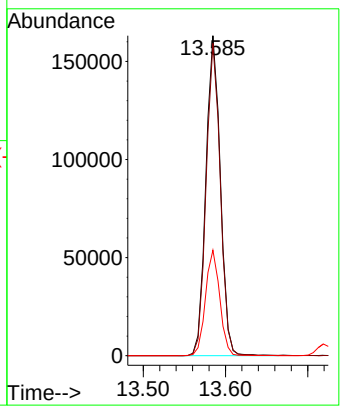


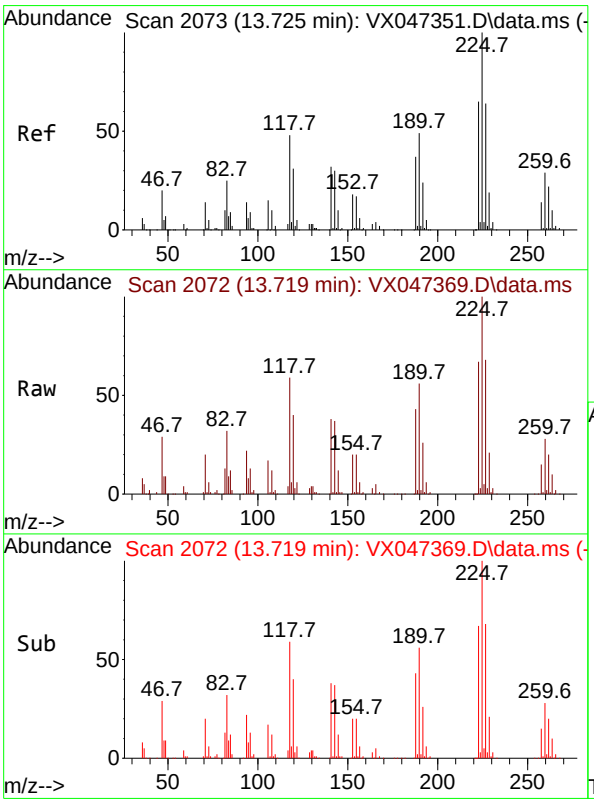
#93
1,2,4-Trichlorobenzene
Concen: 46.241 ug/l
RT: 13.585 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:180 Resp: 199103

Ion	Ratio	Lower	Upper
180	100		
182	95.5	48.1	144.4
145	32.5	16.2	48.5

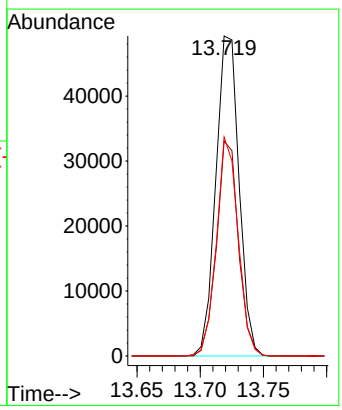


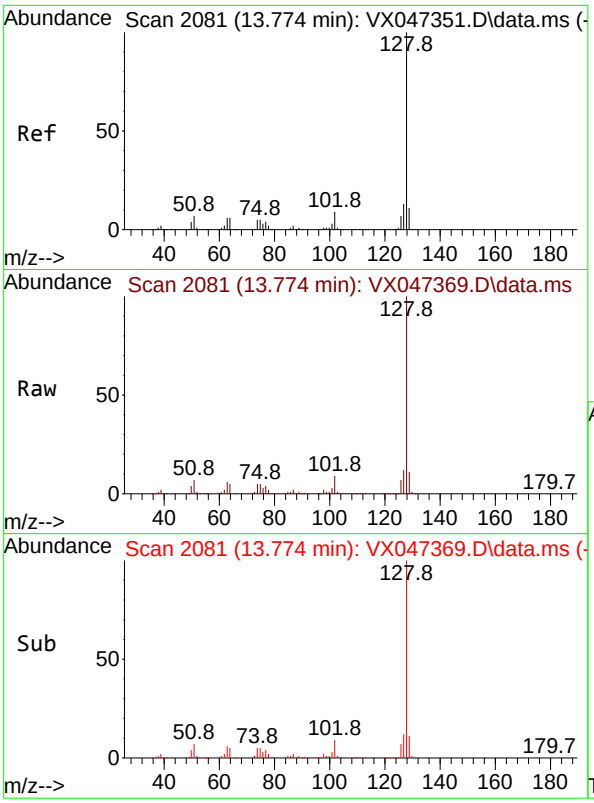


#94
Hexachlorobutadiene
Concen: 40.906 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion:225 Resp: 62693

Ion	Ratio	Lower	Upper
225	100		
223	63.4	32.2	96.6
227	63.8	31.6	95.0



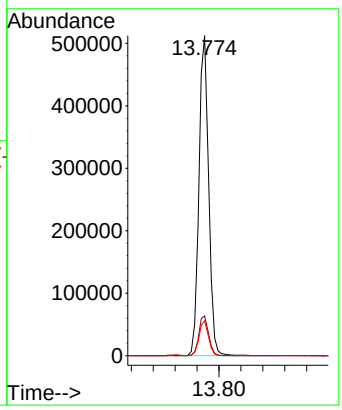


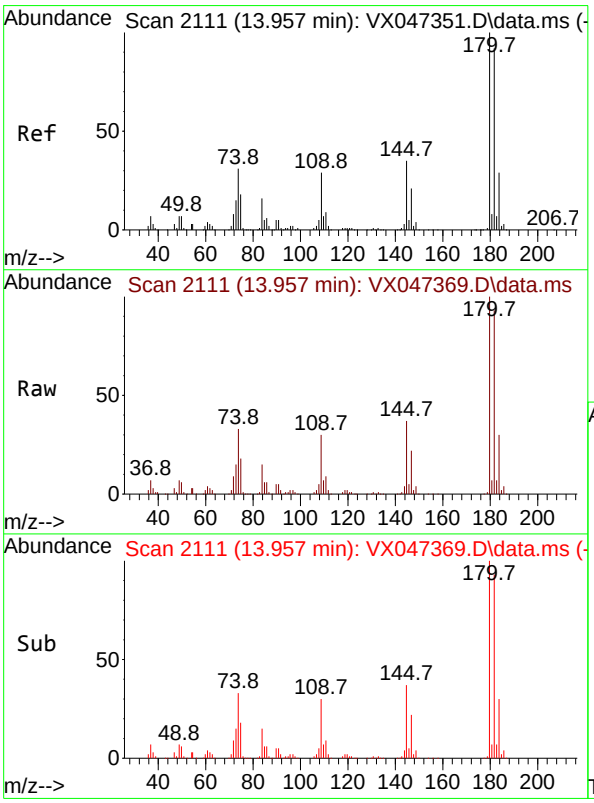
#95
Naphthalene
Concen: 51.265 ug/l
RT: 13.774 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 630795

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.1	15.1
129	10.6	8.7	13.1

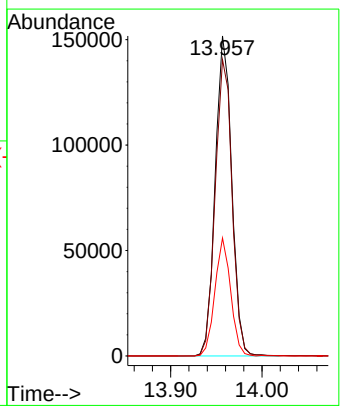




#96
1,2,3-Trichlorobenzene
Concen: 47.011 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion:180 Resp: 190800

Ion	Ratio	Lower	Upper
180	100		
182	94.5	48.0	144.2
145	35.2	17.4	52.2



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
Data File : VX047371.D
Acq On : 18 Aug 2025 10:00
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Aug 19 01:36:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	269622	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	444434	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	389564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	190181	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	186066	49.309	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 98.620%			
35) Dibromofluoromethane	5.397	113	149242	51.741	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.480%			
50) Toluene-d8	8.647	98	510697	49.536	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.080%			
62) 4-Bromofluorobenzene	11.079	95	188302	49.495	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.980%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	183604	53.419	ug/l	99
3) Chloromethane	1.307	50	172140	55.674	ug/l	98
4) Vinyl Chloride	1.392	62	193962	49.979	ug/l	89
5) Bromomethane	1.624	94	66879	42.665	ug/l	94
6) Chloroethane	1.703	64	121687	51.248	ug/l	92
7) Trichlorofluoromethane	1.904	101	285927	49.809	ug/l	99
8) Diethyl Ether	2.148	74	98695	48.828	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.349	101	170115	51.087	ug/l	98
10) Methyl Iodide	2.471	142	230213	40.343	ug/l	97
11) Tert butyl alcohol	2.959	59	79871	243.310	ug/l	99
12) 1,1-Dichloroethene	2.337	96	166109	48.931	ug/l	100
13) Acrolein	2.245	56	97377	140.523	ug/l	100
14) Allyl chloride	2.678	41	273602	46.403	ug/l	97
15) Acrylonitrile	3.081	53	391108	246.561	ug/l	100
16) Acetone	2.392	43	342152	241.230	ug/l	98
17) Carbon Disulfide	2.526	76	515723	50.344	ug/l	99
18) Methyl Acetate	2.715	43	181273	49.319	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	496038	48.031	ug/l	99
20) Methylene Chloride	2.800	84	177230	47.188	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	170589	47.345	ug/l	98
22) Diisopropyl ether	3.769	45	566100	48.571	ug/l	96
23) Vinyl Acetate	3.733	43	2308563	241.659	ug/l	100
24) 1,1-Dichloroethane	3.623	63	317338	48.171	ug/l	98
25) 2-Butanone	4.562	43	445204	239.666	ug/l	99
26) 2,2-Dichloropropane	4.489	77	233509	46.963	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	195846	46.668	ug/l	99
28) Bromochloromethane	4.903	49	144569	52.737	ug/l	98
29) Tetrahydrofuran	5.019	42	275691	229.620	ug/l	99
30) Chloroform	5.099	83	315459	46.921	ug/l	96
31) Cyclohexane	5.477	56	280615	46.209	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	276215	47.731	ug/l	99
36) 1,1-Dichloropropene	5.702	75	216239	47.491	ug/l	98
37) Ethyl Acetate	4.714	43	232054	49.091	ug/l	98
38) Carbon Tetrachloride	5.684	117	243389	48.915	ug/l	98
39) Methylcyclohexane	7.385	83	268330	47.245	ug/l	95
40) Benzene	6.043	78	653043	47.917	ug/l	99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
Data File : VX047371.D
Acq On : 18 Aug 2025 10:00
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Aug 19 01:36:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.934	41	95846	48.083	ug/l		96
42) 1,2-Dichloroethane	6.092	62	228939	47.424	ug/l		99
43) Isopropyl Acetate	6.342	43	323127	47.583	ug/l		100
44) Trichloroethene	7.129	130	162678	46.616	ug/l		100
45) 1,2-Dichloropropane	7.433	63	163590	47.913	ug/l		99
46) Dibromomethane	7.580	93	117704	47.485	ug/l		99
47) Bromodichloromethane	7.824	83	247713	48.205	ug/l		99
48) Methyl methacrylate	7.696	41	166270	47.171	ug/l		99
49) 1,4-Dioxane	7.683	88	34744	1013.952	ug/l		98
51) 4-Methyl-2-Pentanone	8.574	43	952145	243.653	ug/l		98
52) Toluene	8.720	92	400051	47.503	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	221043	49.287	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	244614	48.187	ug/l		98
55) 1,1,2-Trichloroethane	9.147	97	151070	47.246	ug/l		97
56) Ethyl methacrylate	9.116	69	224978	47.723	ug/l		99
57) 1,3-Dichloropropane	9.305	76	255427	46.880	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	514434	229.244	ug/l		99
59) 2-Hexanone	9.427	43	643715	238.139	ug/l		100
60) Dibromochloromethane	9.518	129	180536	47.510	ug/l		98
61) 1,2-Dibromoethane	9.610	107	152751	46.327	ug/l		99
64) Tetrachloroethene	9.275	164	135984	48.259	ug/l		99
65) Chlorobenzene	10.079	112	439867	47.514	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	151414	48.384	ug/l		99
67) Ethyl Benzene	10.189	91	766794	48.124	ug/l		100
68) m/p-Xylenes	10.299	106	572388	96.341	ug/l		99
69) o-Xylene	10.640	106	275968	48.267	ug/l		99
70) Styrene	10.652	104	478038	49.483	ug/l		100
71) Bromoform	10.799	173	115849	49.276	ug/l	#	99
73) Isopropylbenzene	10.957	105	723706	48.628	ug/l		99
74) N-amyl acetate	10.841	43	278569	49.291	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	209247	47.887	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	184098	52.778	ug/l		91
77) Bromobenzene	11.195	156	171756	47.261	ug/l		98
78) n-propylbenzene	11.299	91	869019	48.892	ug/l		100
79) 2-Chlorotoluene	11.360	91	503902	46.898	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	590722	48.241	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	24594	33.692	ug/l		99
82) 4-Chlorotoluene	11.451	91	597497	47.174	ug/l		100
83) tert-Butylbenzene	11.713	119	596984	48.866	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	592440	48.380	ug/l		100
85) sec-Butylbenzene	11.890	105	735112	48.547	ug/l		100
86) p-Isopropyltoluene	12.006	119	618942	48.304	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	325052	46.819	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	326917	45.783	ug/l		99
89) n-Butylbenzene	12.329	91	569584	47.792	ug/l		100
90) Hexachloroethane	12.536	117	108936	48.462	ug/l		99
91) 1,2-Dichlorobenzene	12.329	146	311081	47.206	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	39921	47.241	ug/l		100
93) 1,2,4-Trichlorobenzene	13.585	180	202922	45.933	ug/l		99
94) Hexachlorobutadiene	13.719	225	65173	41.446	ug/l		99
95) Naphthalene	13.774	128	605337	47.948	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	195721	47.001	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
Data File : VX047371.D
Acq On : 18 Aug 2025 10:00
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Aug 19 01:36:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 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\VX081825\
Data File : VX047371.D
Acq On : 18 Aug 2025 10:00
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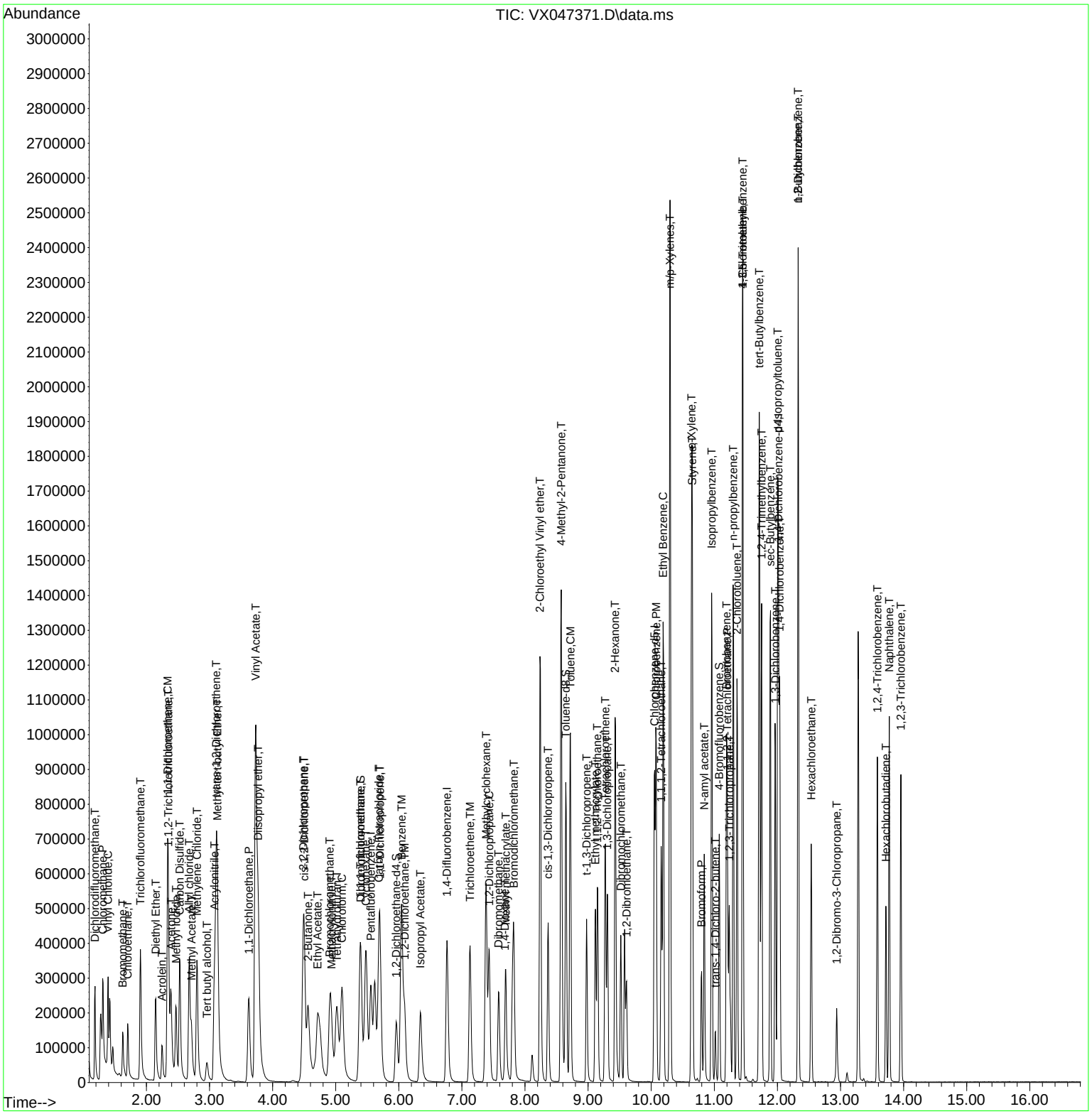
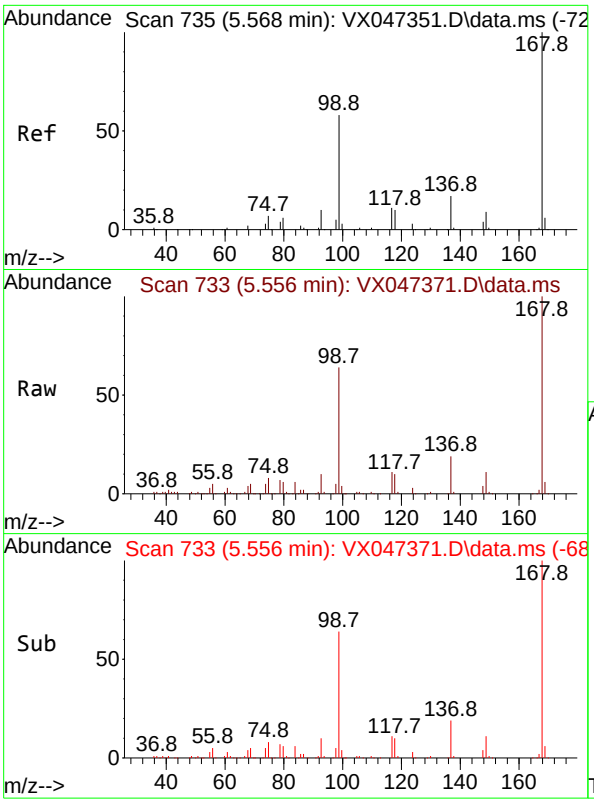
ClientSampleId :
VSTDCCC050

Quant Time: Aug 19 01:36:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration



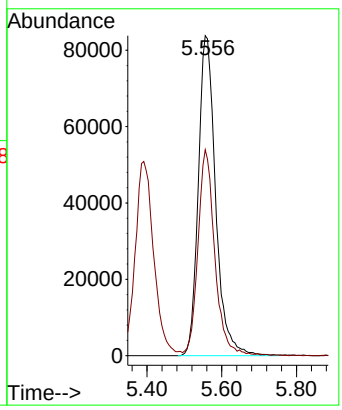


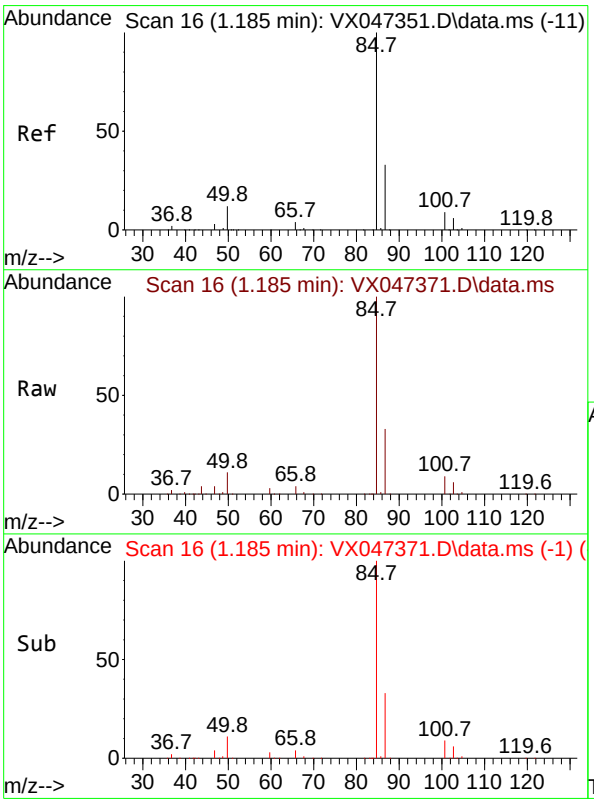
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.012 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 269622

Ion	Ratio	Lower	Upper
168	100		
99	64.2	47.9	71.9

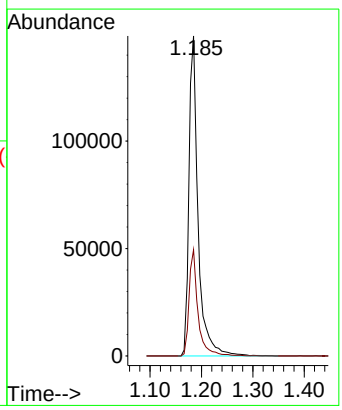


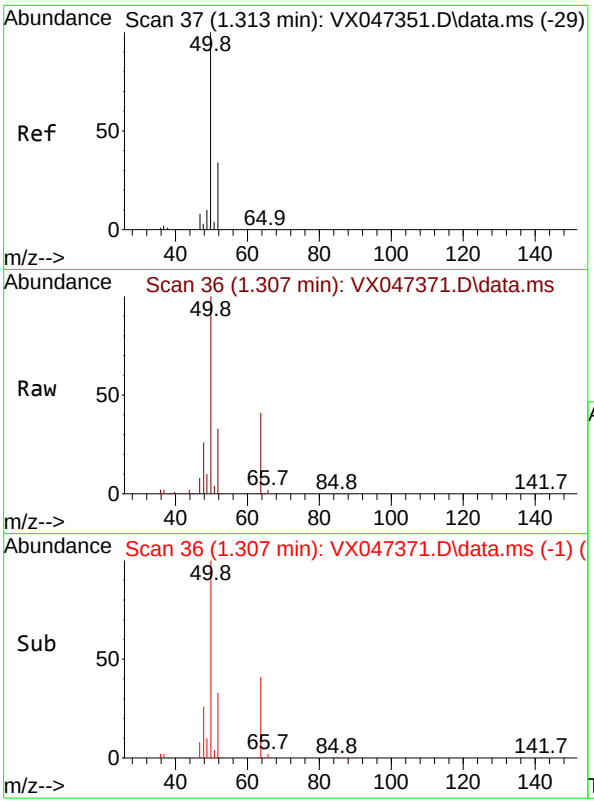


#2
Dichlorodifluoromethane
Concen: 53.419 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 85 Resp: 183604

Ion	Ratio	Lower	Upper
85	100		
87	33.2	16.4	49.1



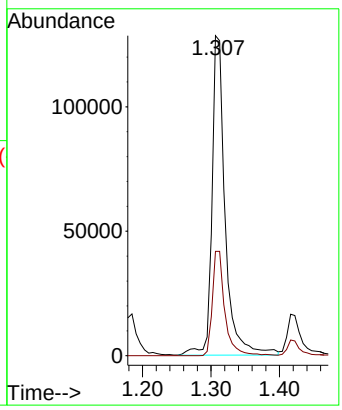


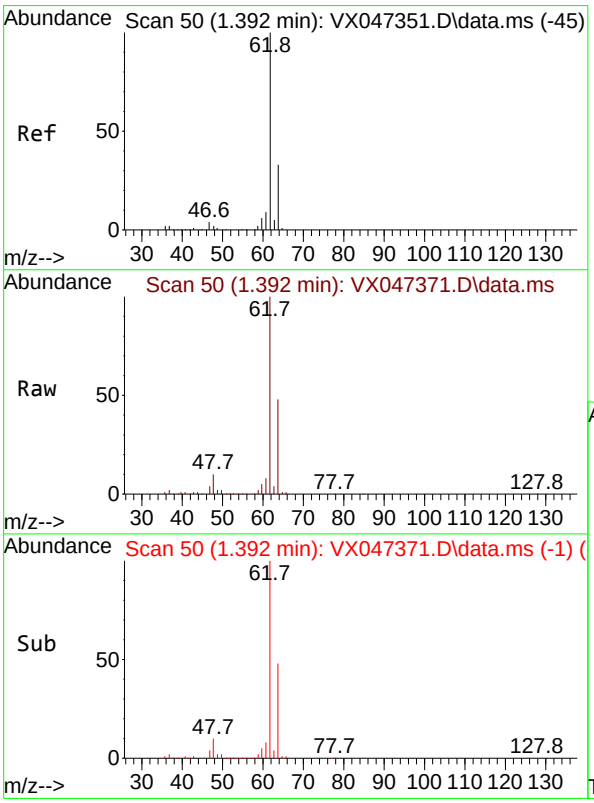
#3
Chloromethane
Concen: 55.674 ug/l
RT: 1.307 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 172140

Ion	Ratio	Lower	Upper
50	100		
52	32.7	27.0	40.4

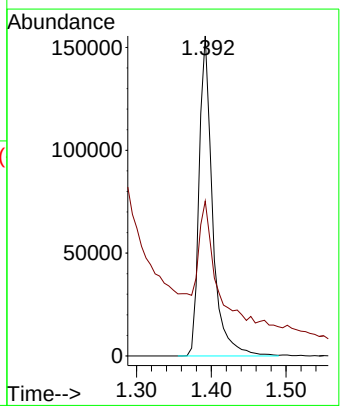


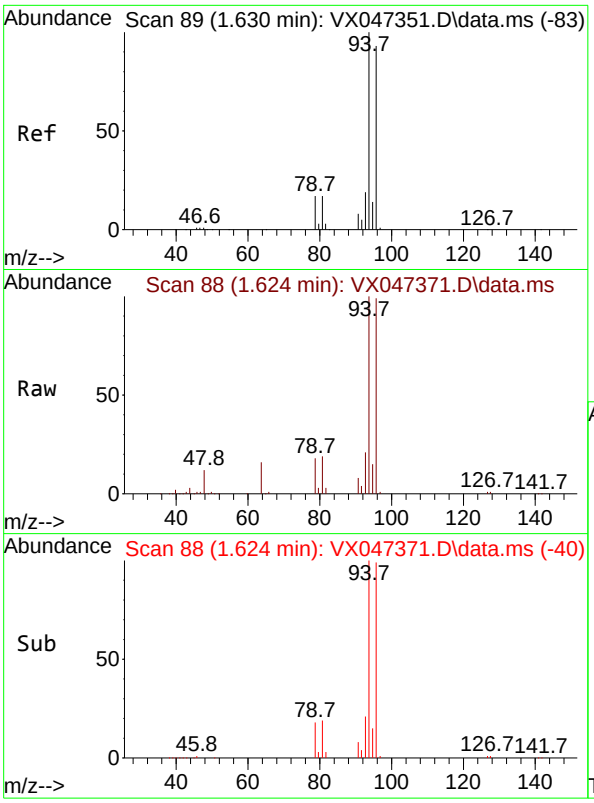


#4
Vinyl Chloride
Concen: 49.979 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 62 Resp: 193962

Ion	Ratio	Lower	Upper
62	100		
64	39.3	26.5	39.7



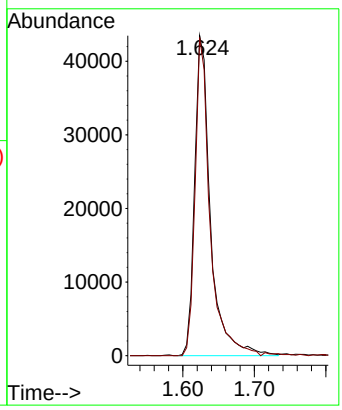


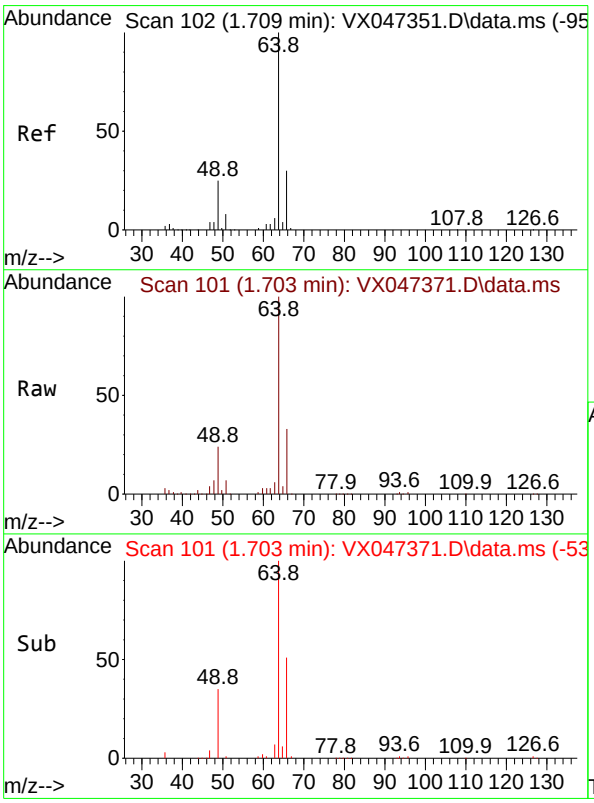
#5
Bromomethane
Concen: 42.665 ug/l
RT: 1.624 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 66879

Ion	Ratio	Lower	Upper
94	100		
96	99.4	74.7	112.1

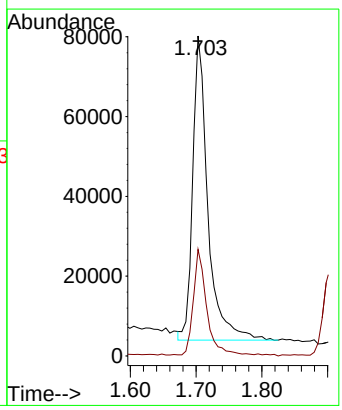


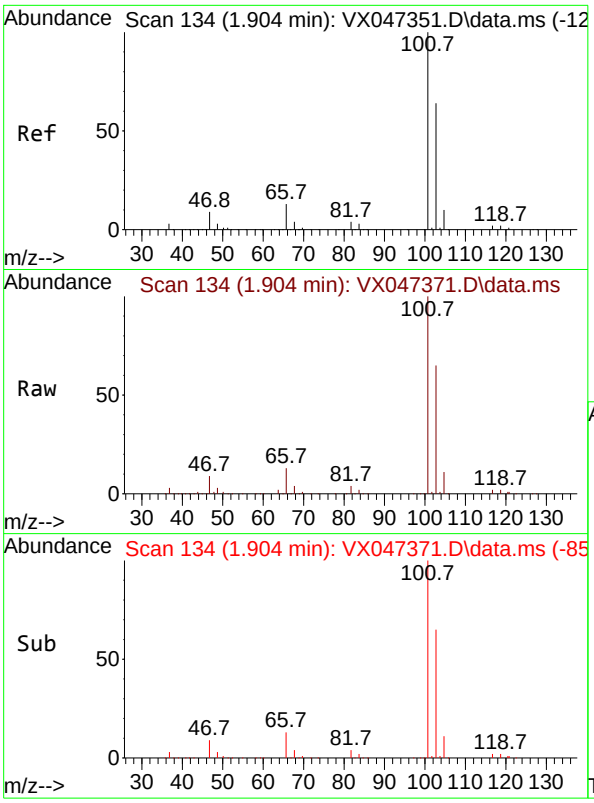


#6
Chloroethane
Concen: 51.248 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 64 Resp: 121687

Ion	Ratio	Lower	Upper
64	100		
66	35.1	24.4	36.6



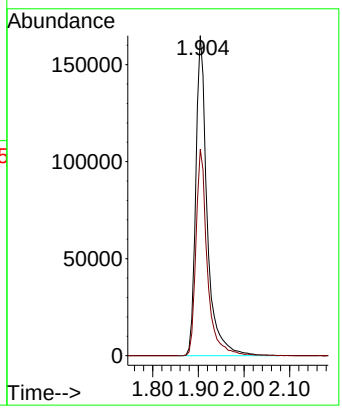


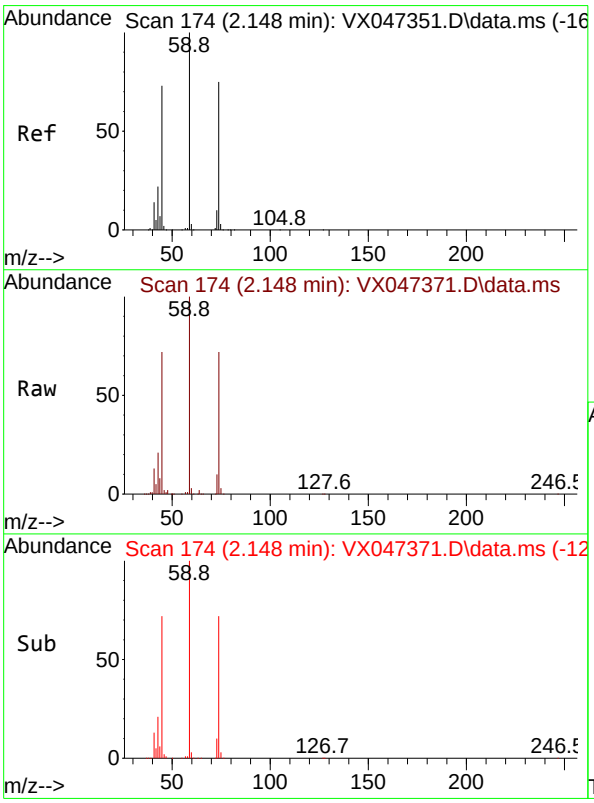
#7
Trichlorofluoromethane
Concen: 49.809 ug/l
RT: 1.904 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 285927

Ion	Ratio	Lower	Upper
101	100		
103	64.5	50.9	76.3

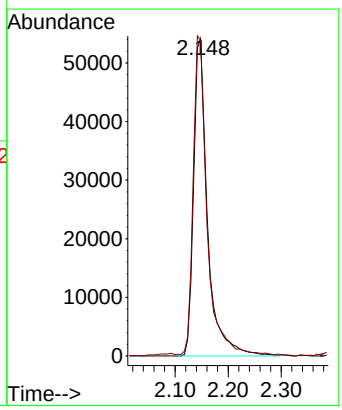


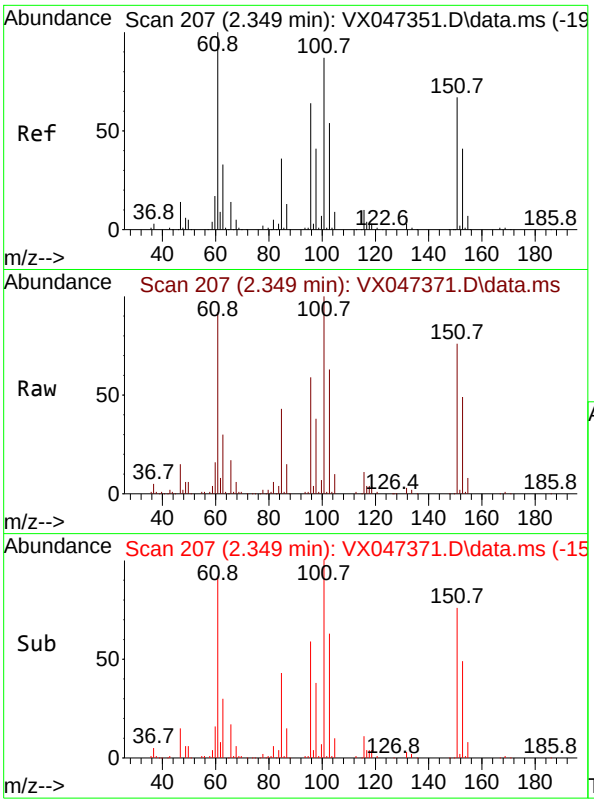


#8
Diethyl Ether
Concen: 48.828 ug/l
RT: 2.148 min Scan# 174
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 74 Resp: 98695

Ion	Ratio	Lower	Upper
74	100		
45	99.9	51.3	154.0



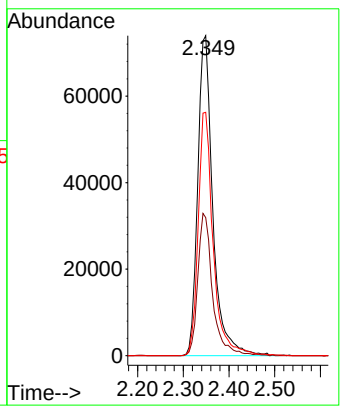


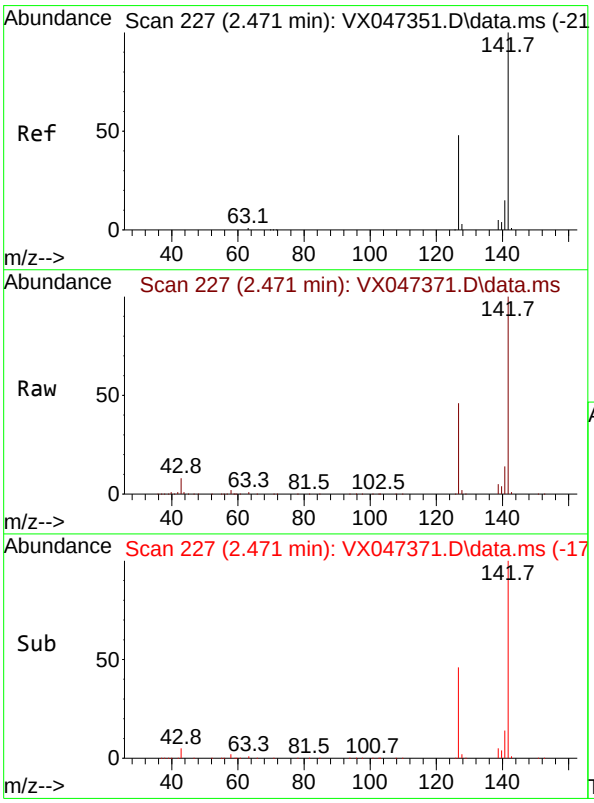
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.087 ug/l
RT: 2.349 min Scan# 2(
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 170115

Ion	Ratio	Lower	Upper
101	100		
85	43.7	34.3	51.5
151	75.8	59.2	88.8

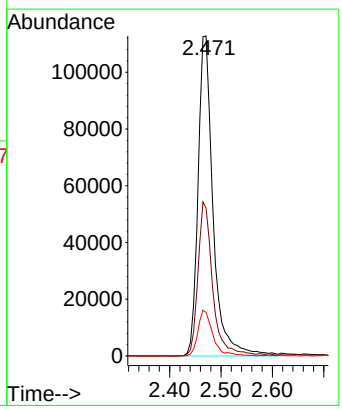


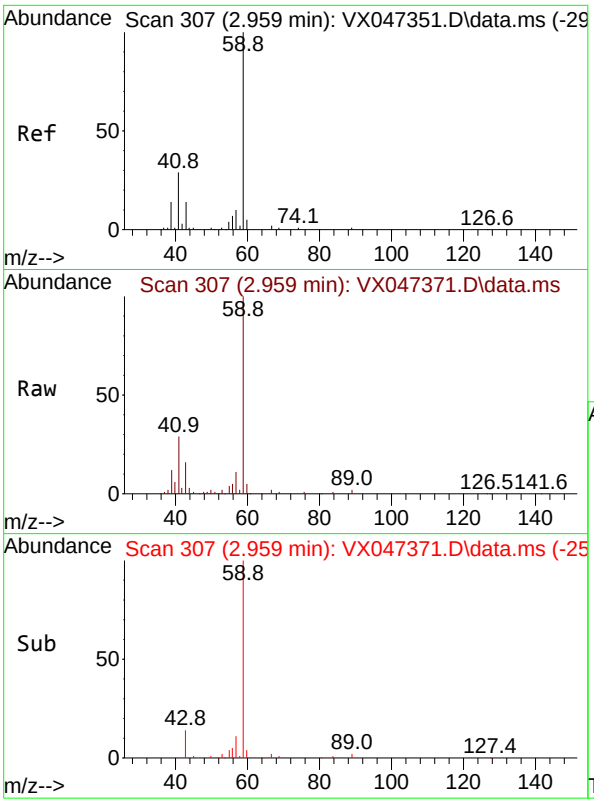


#10
Methyl Iodide
Concen: 40.343 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion:142 Resp: 230213

Ion	Ratio	Lower	Upper
142	100		
127	47.2	36.1	54.1
141	14.1	11.1	16.7



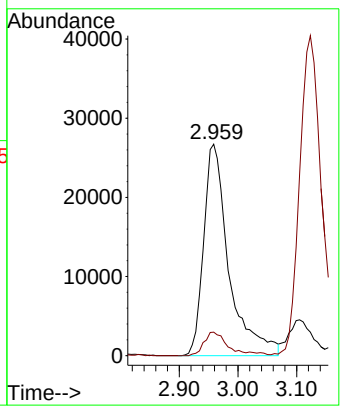


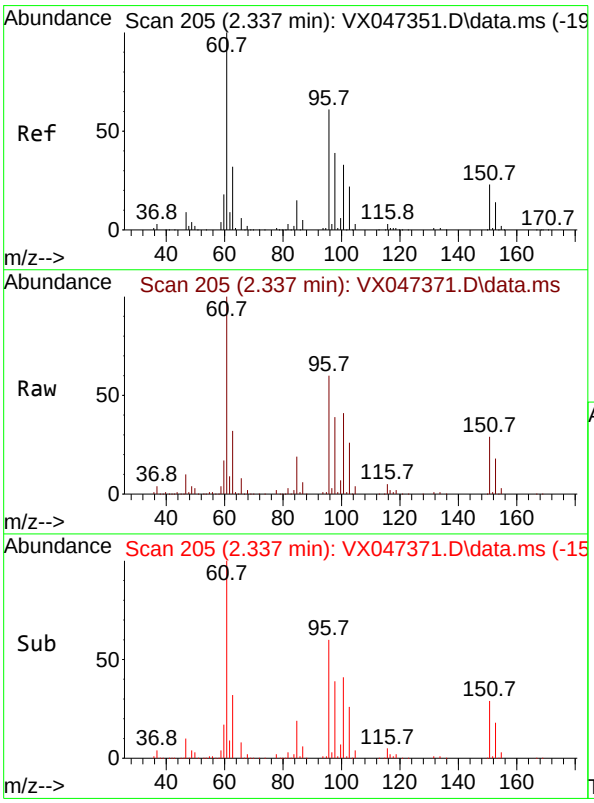
#11
Tert butyl alcohol
Concen: 243.310 ug/l
RT: 2.959 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 79871

Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.3	12.5

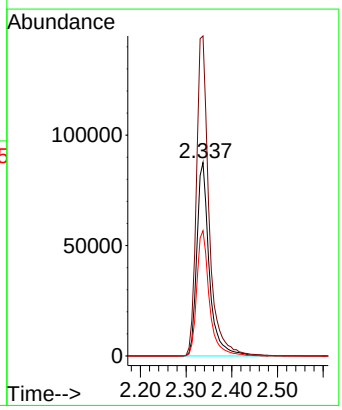


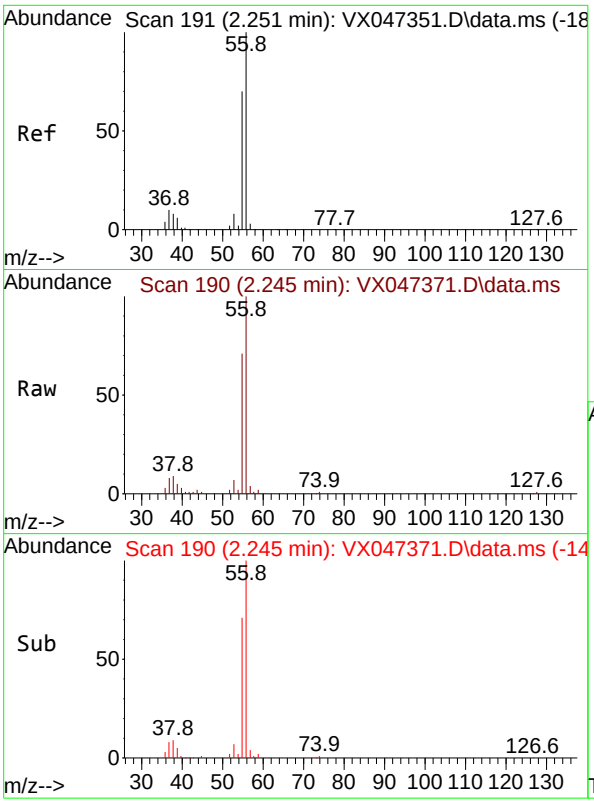


#12
1,1-Dichloroethene
Concen: 48.931 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 96 Resp: 166109

Ion	Ratio	Lower	Upper
96	100		
61	165.5	132.2	198.2
98	64.8	51.2	76.8



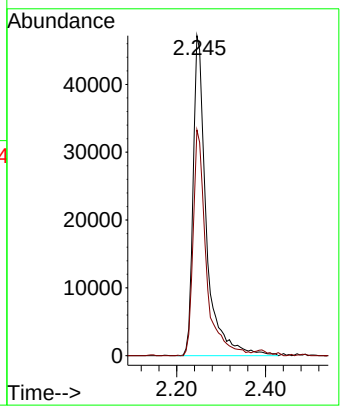


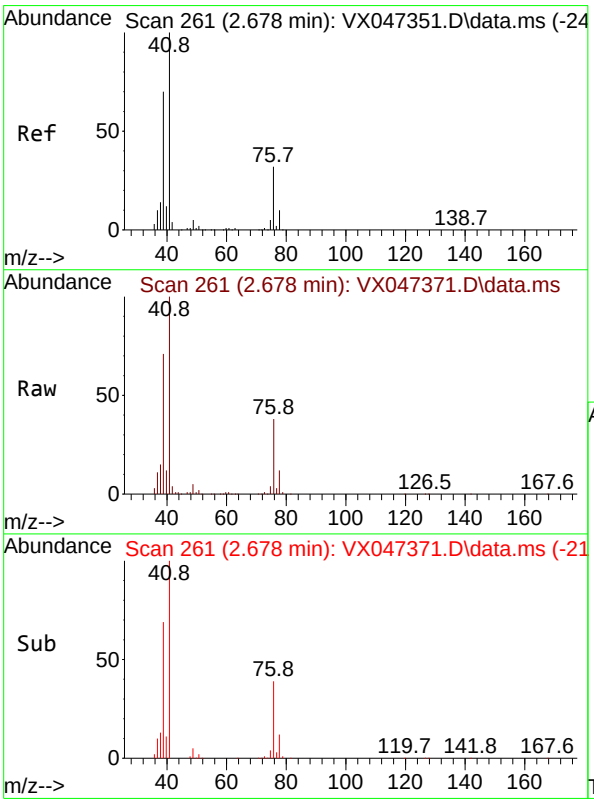
#13
Acrolein
Concen: 140.523 ug/l
RT: 2.245 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 97377

Ion	Ratio	Lower	Upper
56	100		
55	69.6	55.5	83.3

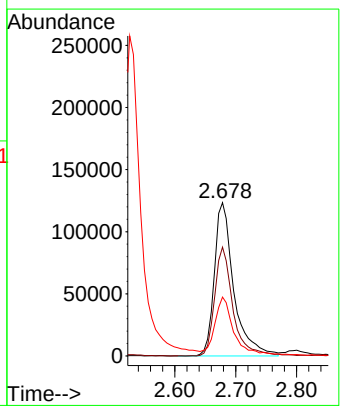


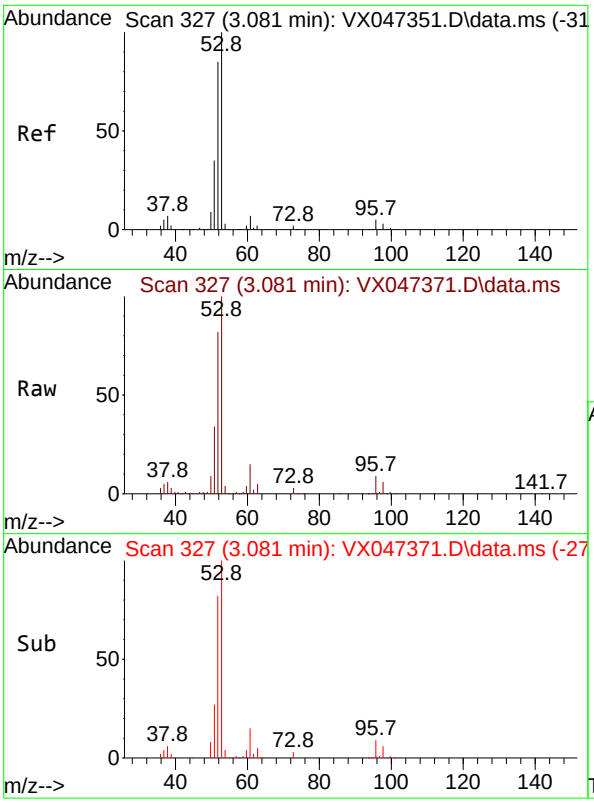


#14
Allyl chloride
Concen: 46.403 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 41 Resp: 273602

Ion	Ratio	Lower	Upper
41	100		
39	67.0	54.6	81.8
76	37.7	27.6	41.4



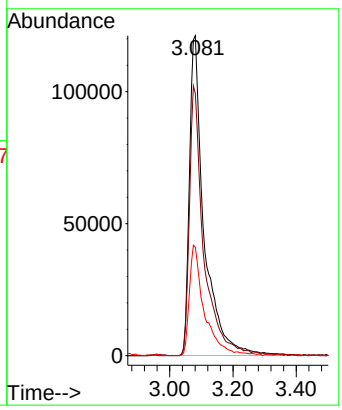


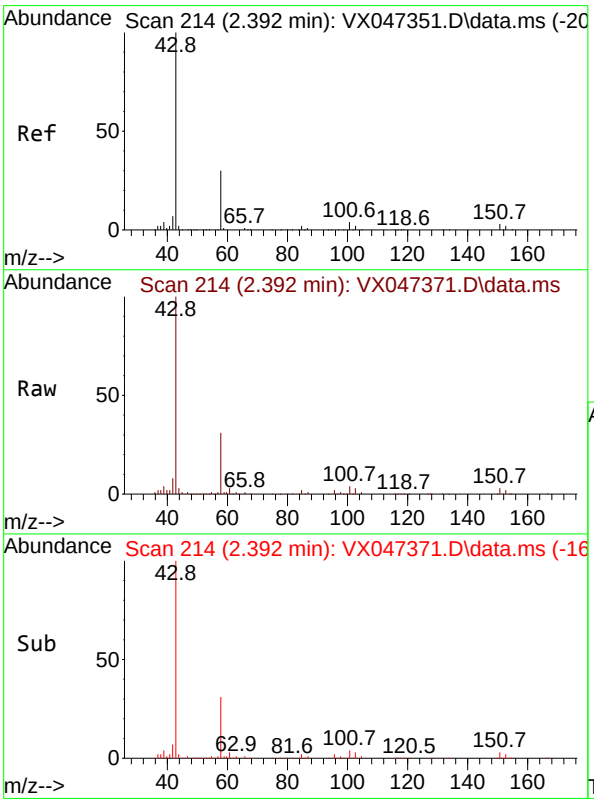
#15
Acrylonitrile
Concen: 246.561 ug/l
RT: 3.081 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 391108

Ion	Ratio	Lower	Upper
53	100		
52	82.4	65.8	98.6
51	35.5	28.2	42.2

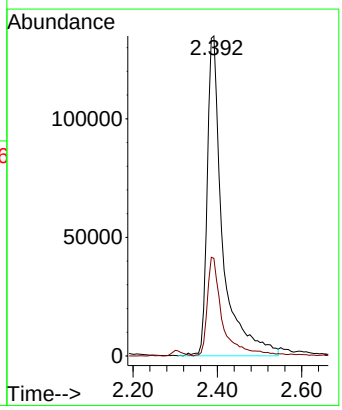


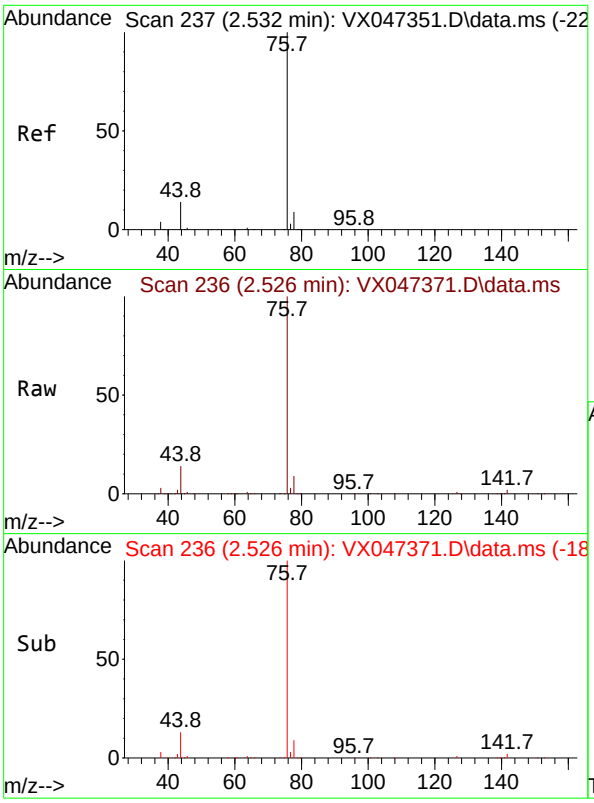


#16
Acetone
Concen: 241.230 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 43 Resp: 342152

Ion	Ratio	Lower	Upper
43	100		
58	29.8	24.8	37.2



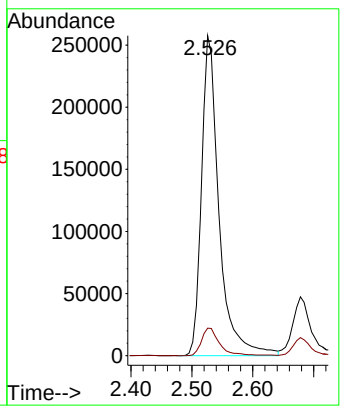


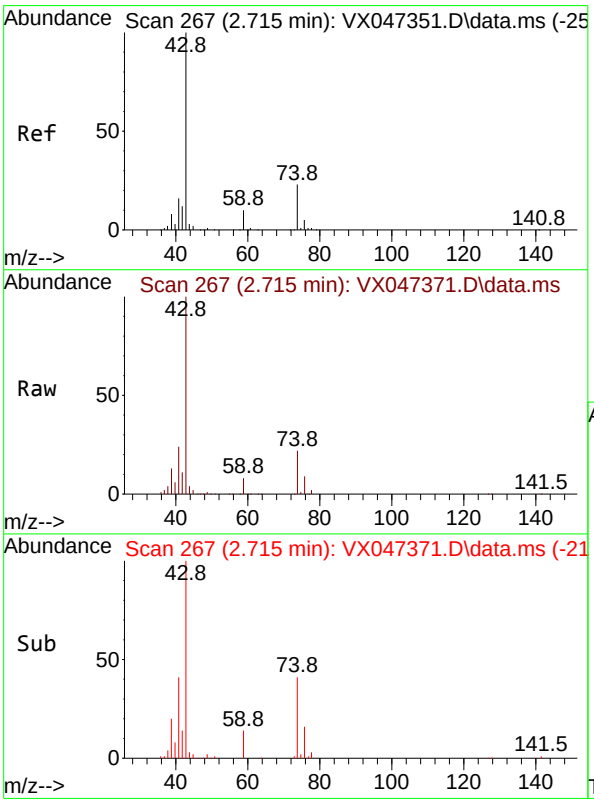
#17
Carbon Disulfide
Concen: 50.344 ug/l
RT: 2.526 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 515723

Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.2	10.8

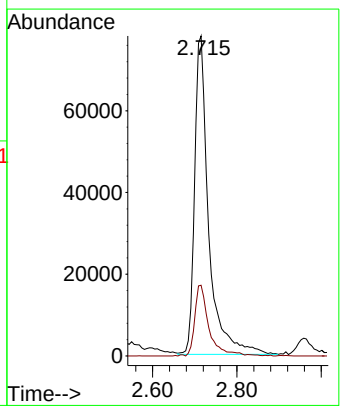


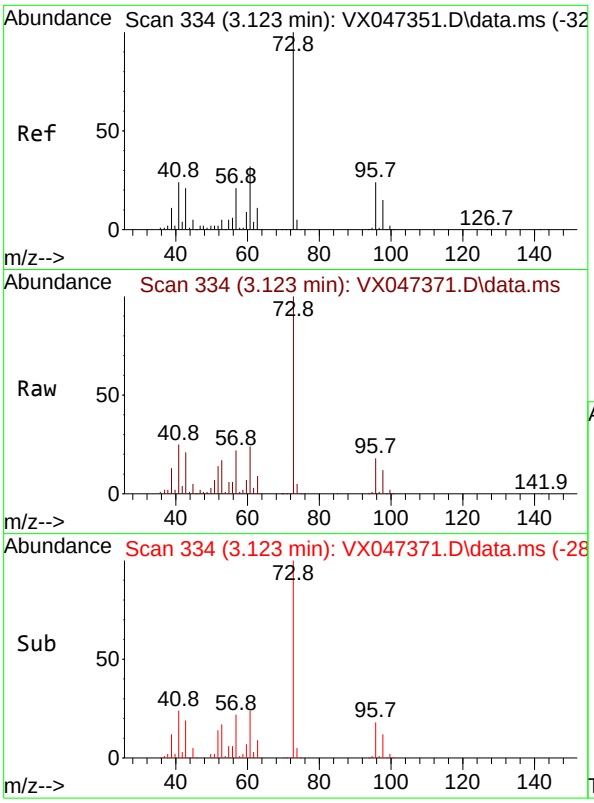


#18
Methyl Acetate
Concen: 49.319 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 43 Resp: 181273

Ion	Ratio	Lower	Upper
43	100		
74	22.6	18.4	27.6



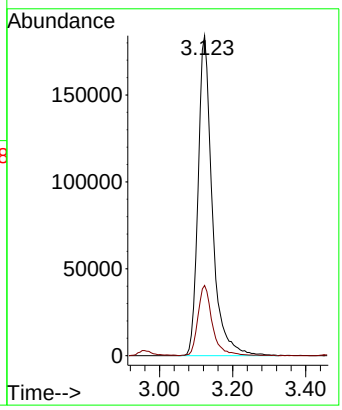


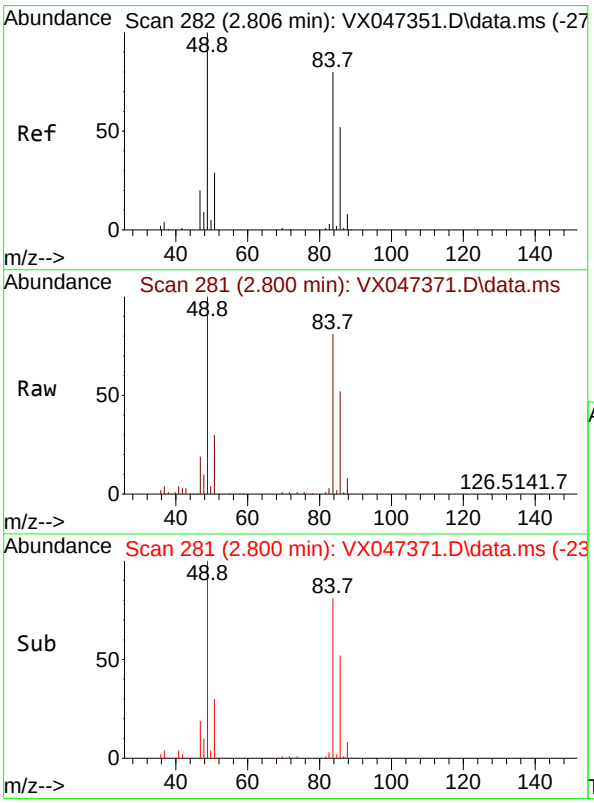
#19
Methyl tert-butyl Ether
Concen: 48.031 ug/l
RT: 3.123 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 496038

Ion	Ratio	Lower	Upper
73	100		
57	22.0	17.0	25.6

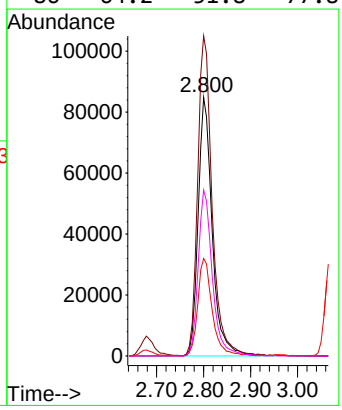


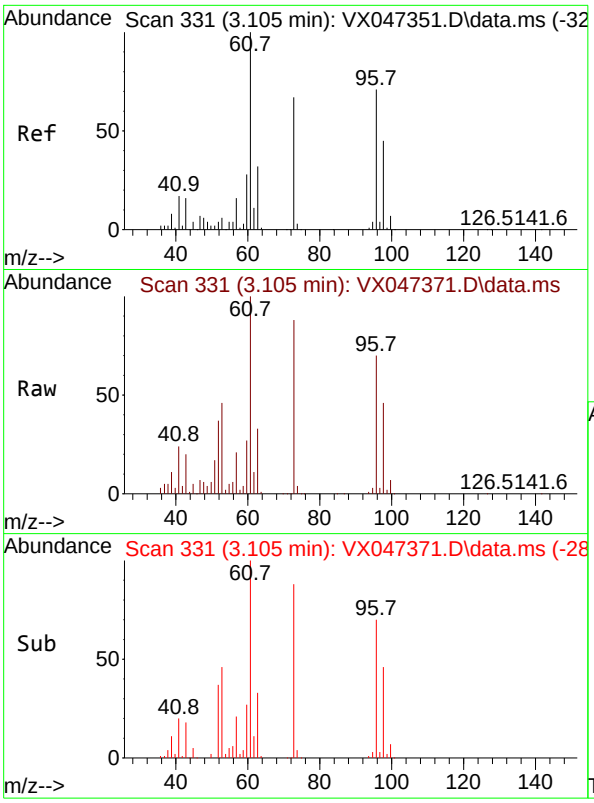


#20
Methylene Chloride
Concen: 47.188 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 84 Resp: 177230

Ion	Ratio	Lower	Upper
84	100		
49	123.5	100.1	150.1
51	37.6	29.5	44.3
86	64.2	51.8	77.8



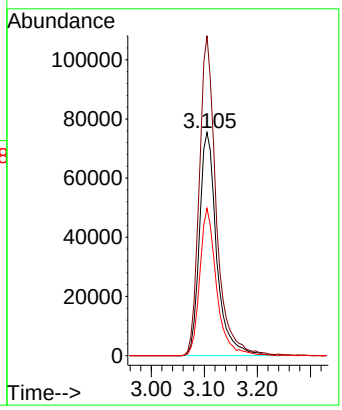


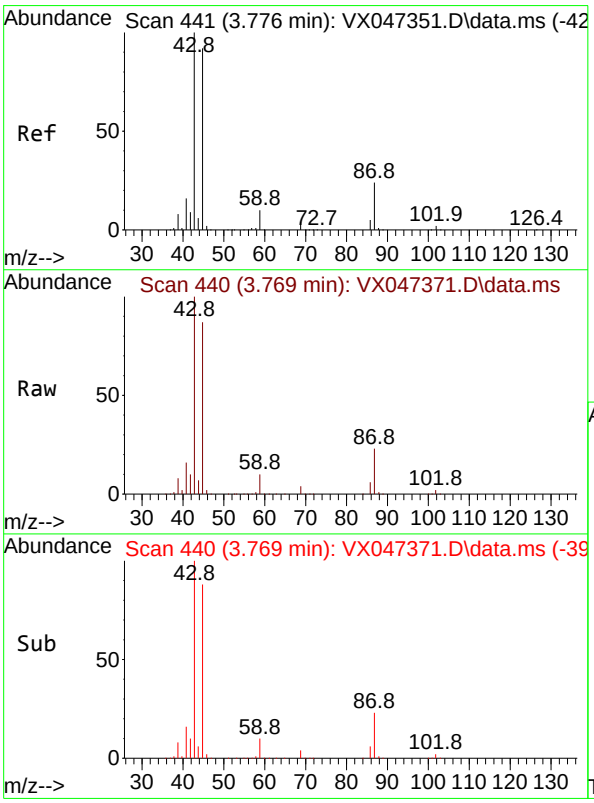
#21
trans-1,2-Dichloroethene
Concen: 47.345 ug/l
RT: 3.105 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 170589

Ion	Ratio	Lower	Upper
96	100		
61	143.4	112.6	169.0
98	66.0	50.9	76.3

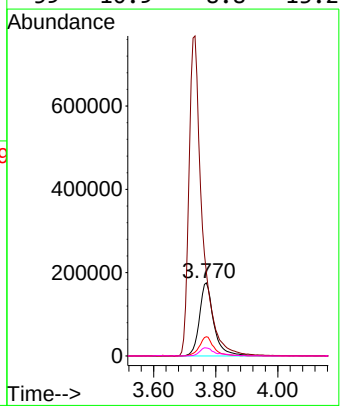


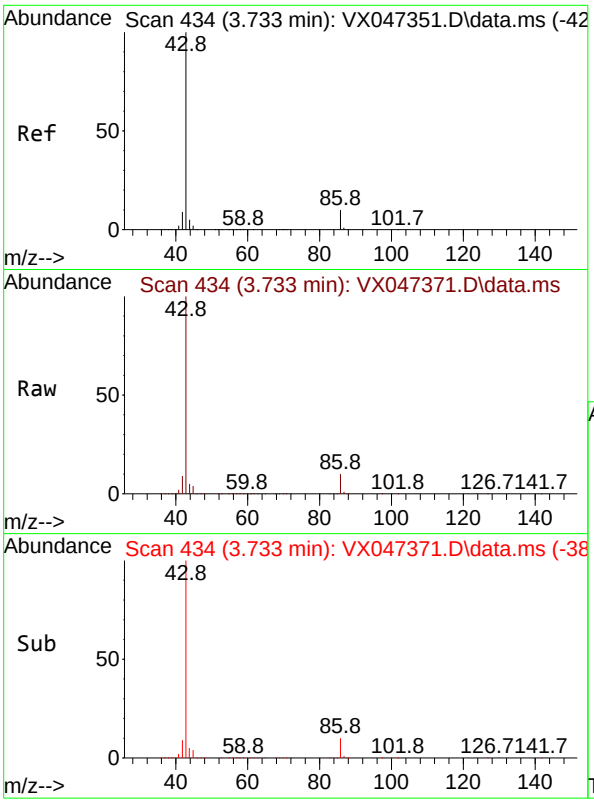


#22
Diisopropyl ether
Concen: 48.571 ug/l
RT: 3.769 min Scan# 440
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 45 Resp: 566100

Ion	Ratio	Lower	Upper
45	100		
43	114.0	86.8	130.2
87	26.3	20.4	30.6
59	10.9	8.8	13.2



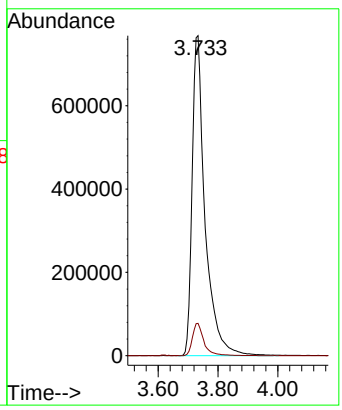


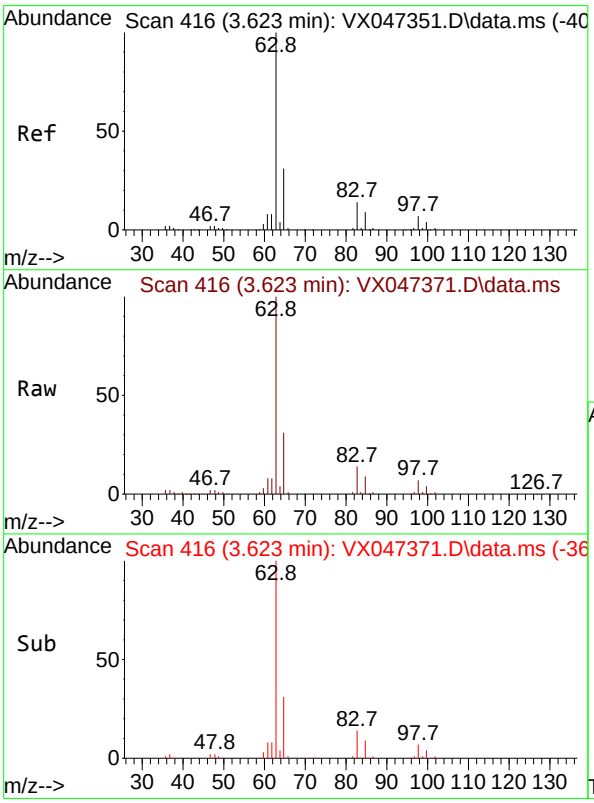
#23
Vinyl Acetate
Concen: 241.659 ug/l
RT: 3.733 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 2308563

Ion	Ratio	Lower	Upper
43	100		
86	10.1	7.9	11.9

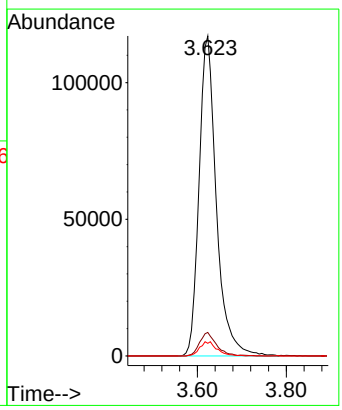


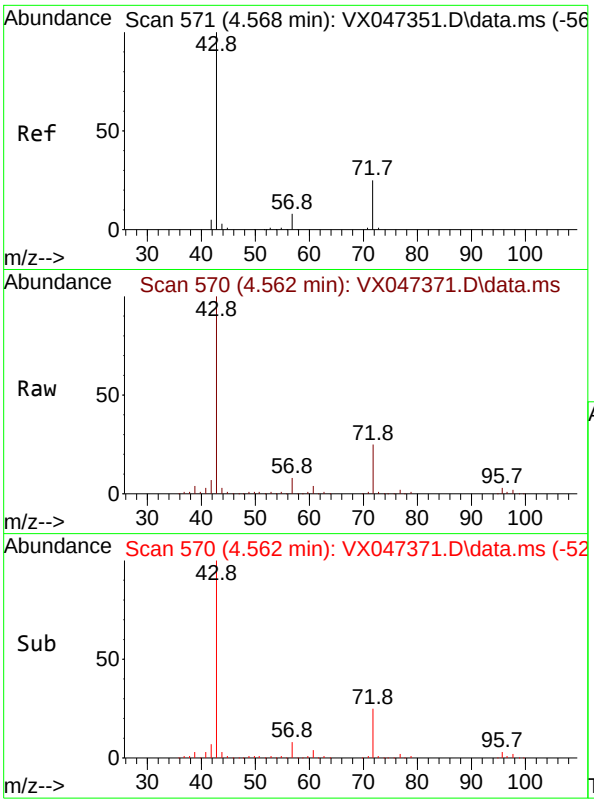


#24
1,1-Dichloroethane
Concen: 48.171 ug/l
RT: 3.623 min Scan# 416
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 63 Resp: 317338

Ion	Ratio	Lower	Upper
63	100		
98	7.4	3.3	9.9
100	3.9	2.1	6.3



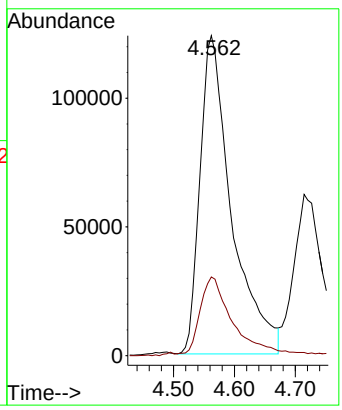


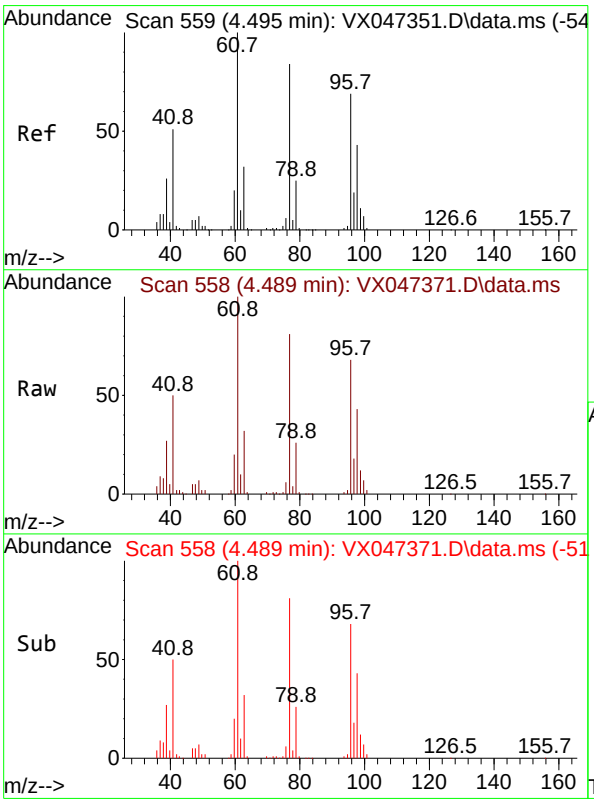
#25
2-Butanone
Concen: 239.666 ug/l
RT: 4.562 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 445204

Ion	Ratio	Lower	Upper
43	100		
72	24.1	19.8	29.8

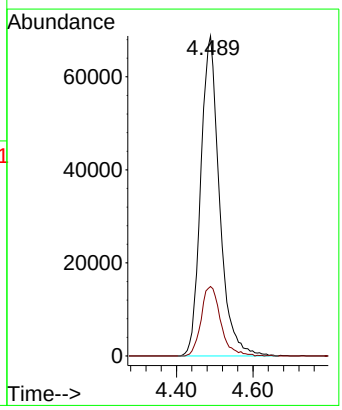


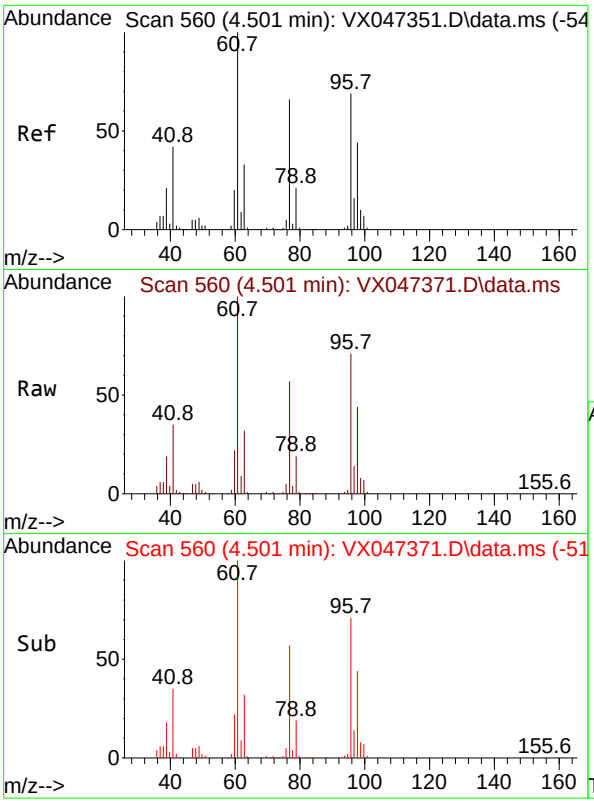


#26
2,2-Dichloropropane
Concen: 46.963 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 77 Resp: 233509

Ion	Ratio	Lower	Upper
77	100		
97	22.7	11.4	34.1



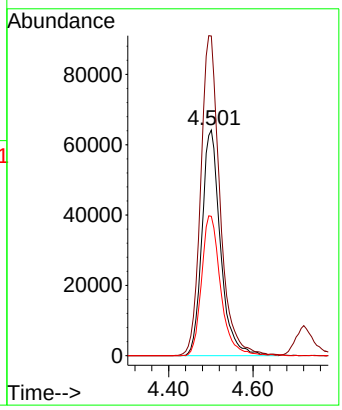


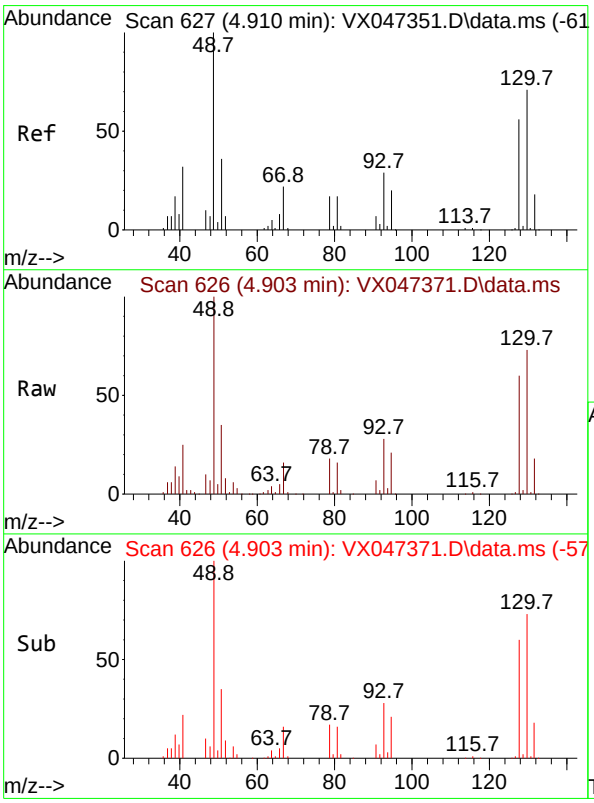
#27
cis-1,2-Dichloroethene
Concen: 46.668 ug/l
RT: 4.501 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 195846

Ion	Ratio	Lower	Upper
96	100		
61	147.7	0.0	296.6
98	64.0	0.0	130.4

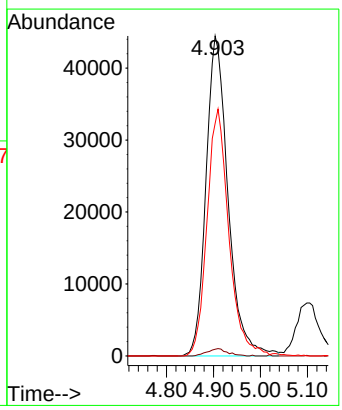


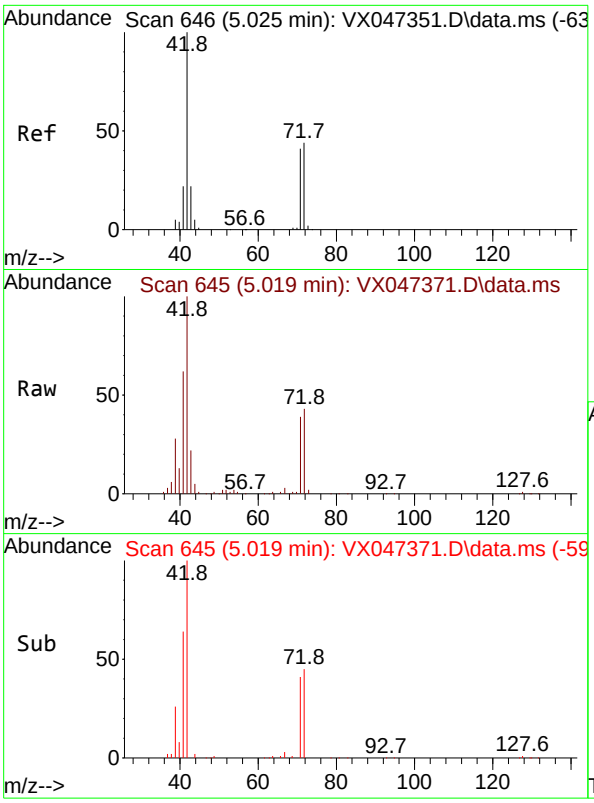


#28
Bromochloromethane
Concen: 52.737 ug/l
RT: 4.903 min Scan# 626
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 49 Resp: 144569

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	76.5	59.8	89.6



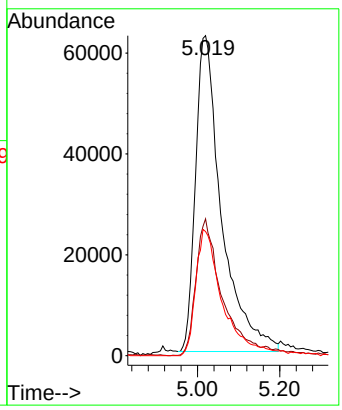


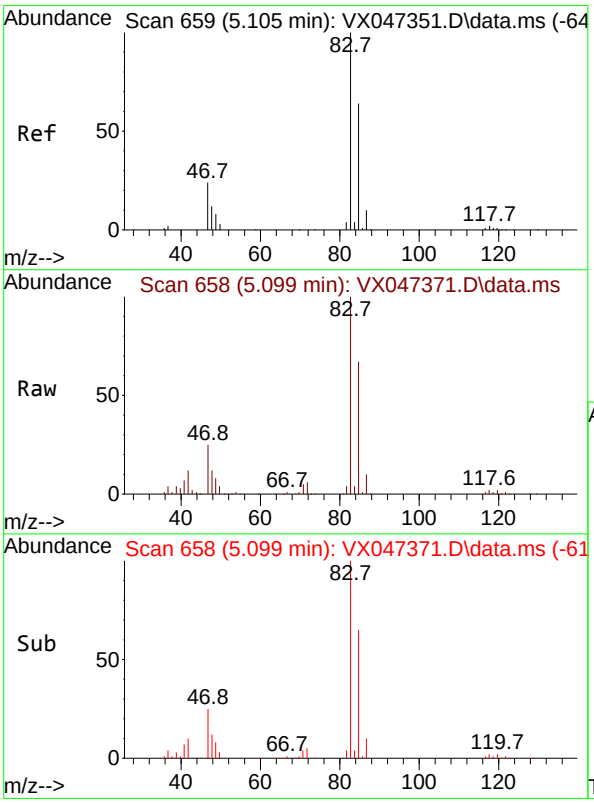
#29
Tetrahydrofuran
Concen: 229.620 ug/l
RT: 5.019 min Scan# 64
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 275691

Ion	Ratio	Lower	Upper
42	100		
72	42.8	34.6	51.8
71	41.3	32.6	49.0

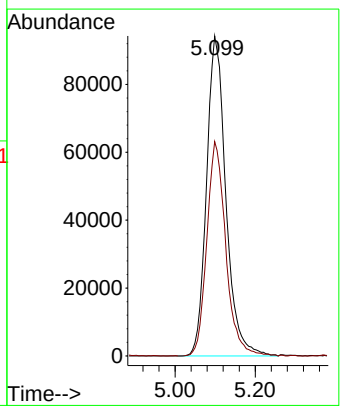


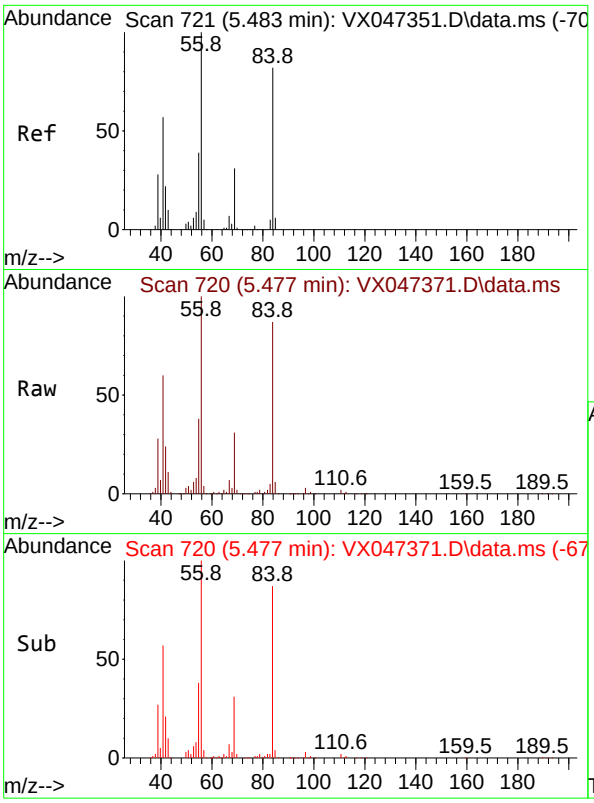


#30
Chloroform
Concen: 46.921 ug/l
RT: 5.099 min Scan# 658
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 83 Resp: 315459

Ion	Ratio	Lower	Upper
83	100		
85	67.0	51.2	76.8



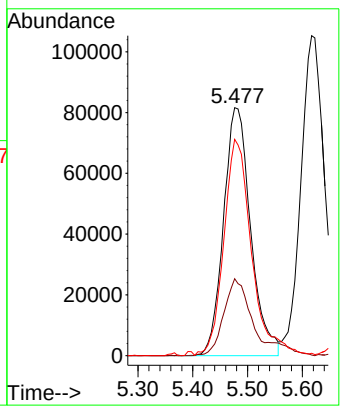


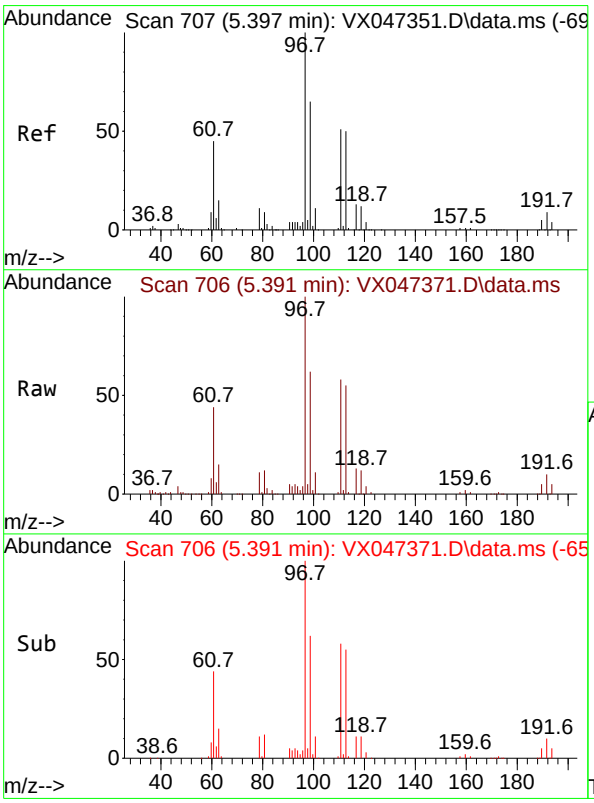
#31
Cyclohexane
Concen: 46.209 ug/l
RT: 5.477 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 280615

Ion	Ratio	Lower	Upper
56	100		
69	30.8	24.3	36.5
84	87.1	65.3	97.9

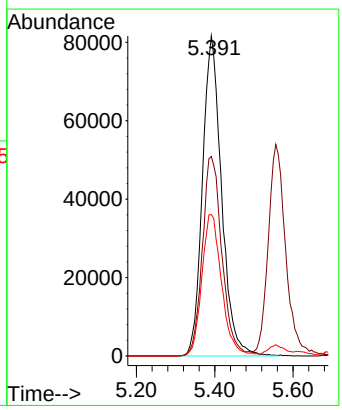


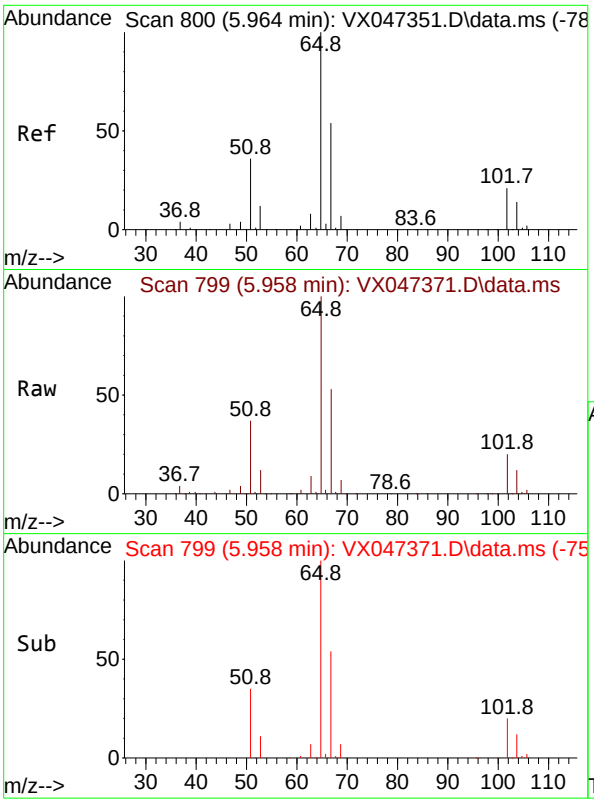


#32
1,1,1-Trichloroethane
Concen: 47.731 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 97 Resp: 276215

Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.4	77.0
61	45.9	35.7	53.5



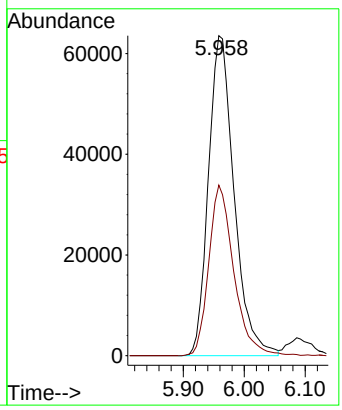


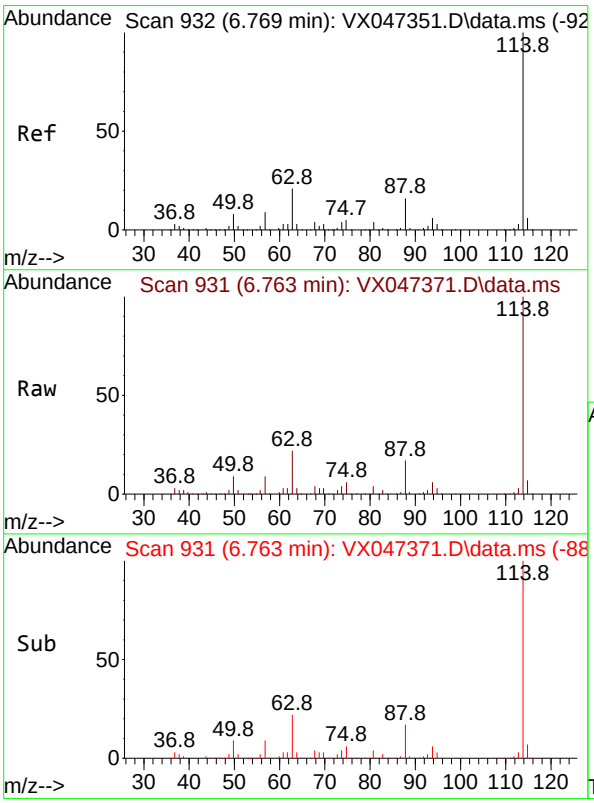
#33
1,2-Dichloroethane-d4
Concen: 49.309 ug/l
RT: 5.958 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 186066

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	106.0

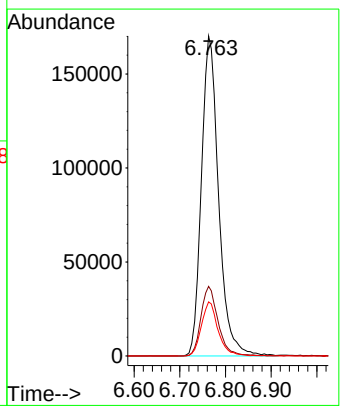


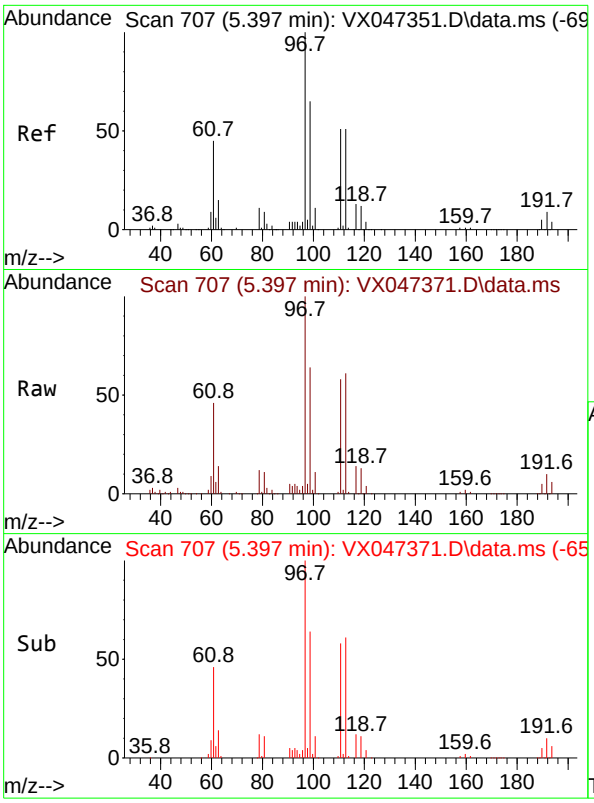


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion:114 Resp: 444434

Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	42.4
88	16.9	0.0	33.0



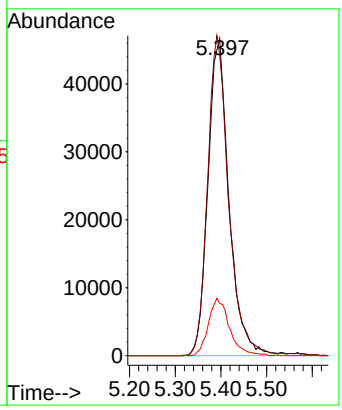


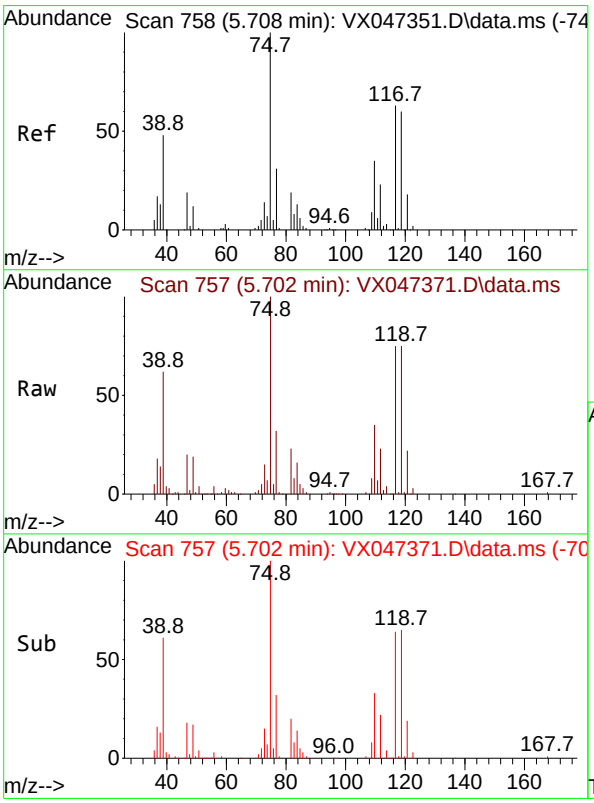
#35
Dibromofluoromethane
Concen: 51.741 ug/l
RT: 5.397 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:113 Resp: 149242

Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.4	122.2
192	18.2	14.1	21.1

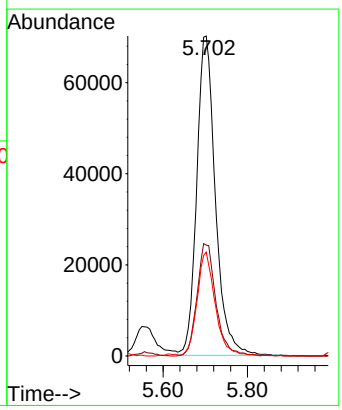


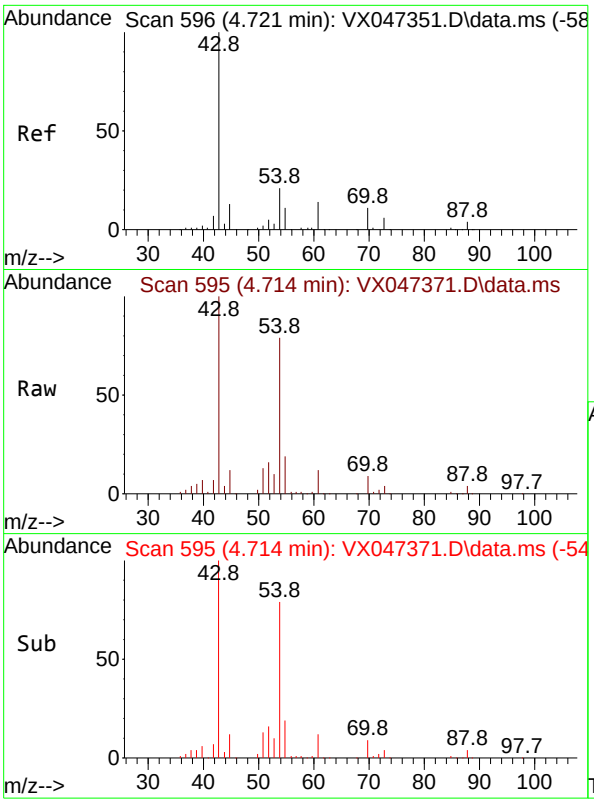


#36
1,1-Dichloropropene
Concen: 47.491 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 75 Resp: 216239

Ion	Ratio	Lower	Upper
75	100		
110	35.7	17.4	52.2
77	31.6	24.4	36.6



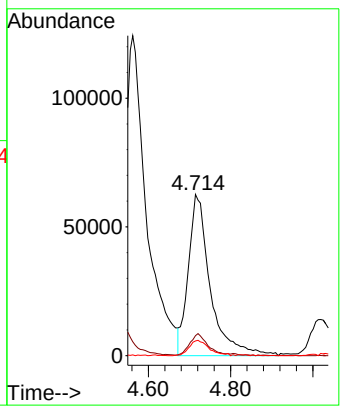


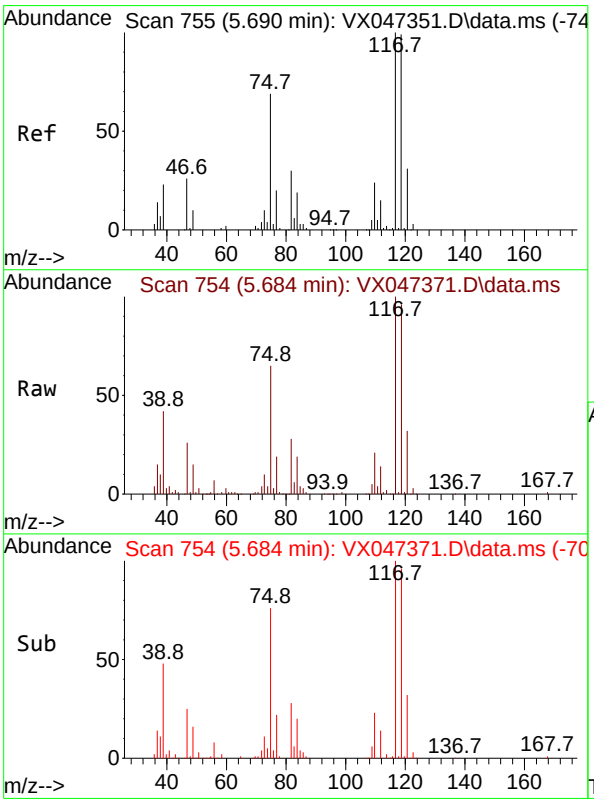
#37
Ethyl Acetate
Concen: 49.091 ug/l
RT: 4.714 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 232054

Ion	Ratio	Lower	Upper
43	100		
61	10.7	9.4	14.2
70	8.7	7.0	10.6

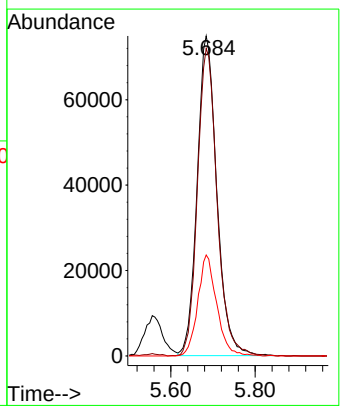


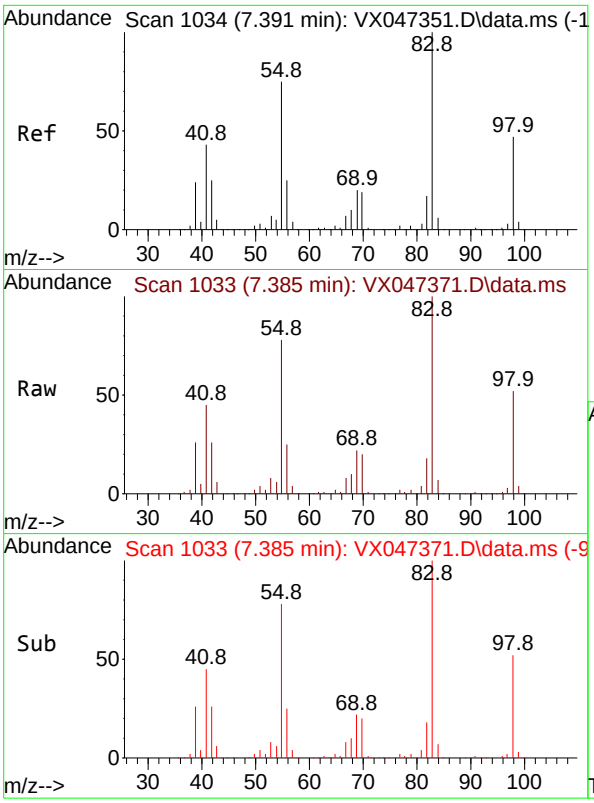


#38
Carbon Tetrachloride
Concen: 48.915 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion:117 Resp: 243389

Ion	Ratio	Lower	Upper
117	100		
119	96.2	78.5	117.7
121	31.6	24.7	37.1



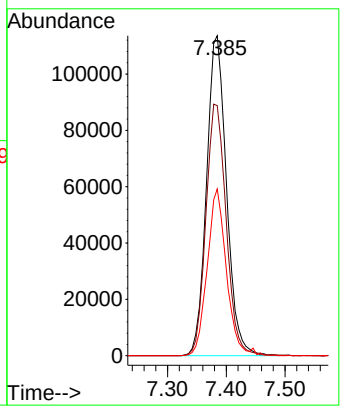


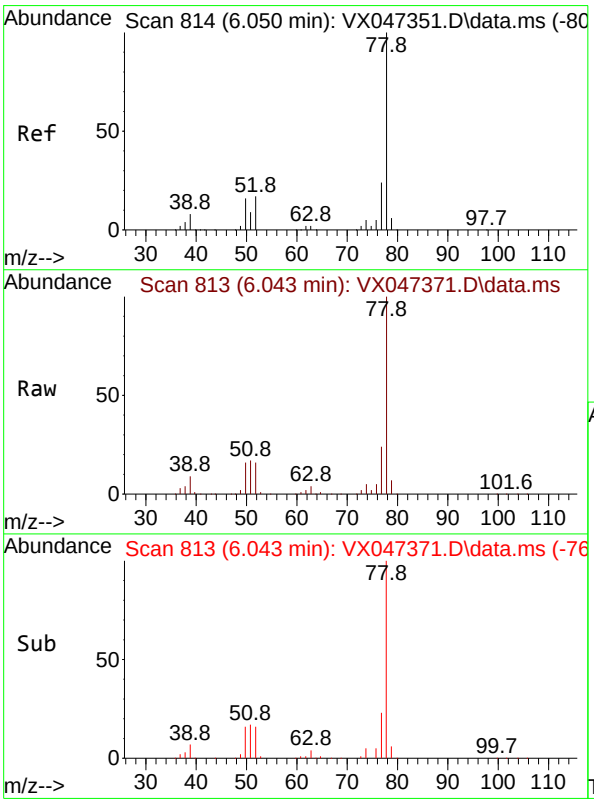
#39
Methylcyclohexane
Concen: 47.245 ug/l
RT: 7.385 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 268330

Ion	Ratio	Lower	Upper
83	100		
55	78.1	60.0	90.0
98	52.1	37.2	55.8

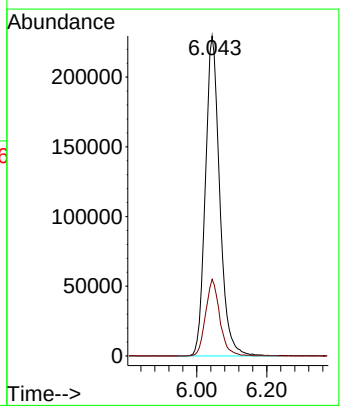


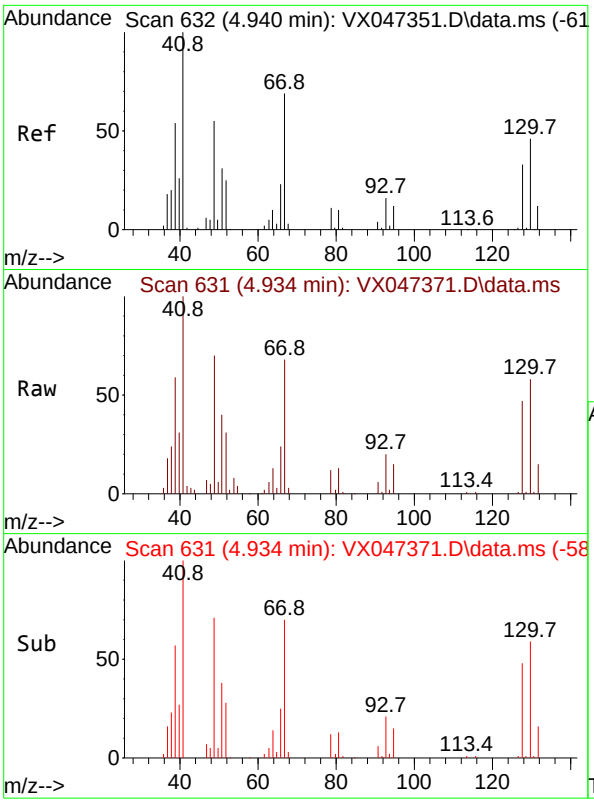


#40
Benzene
Concen: 47.917 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 78 Resp: 653043

Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.0	28.4



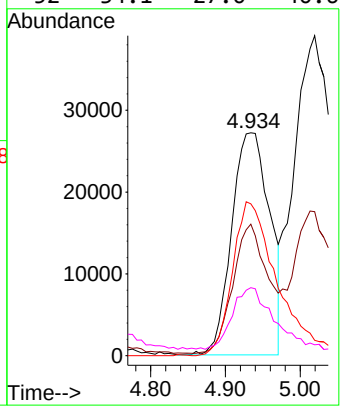


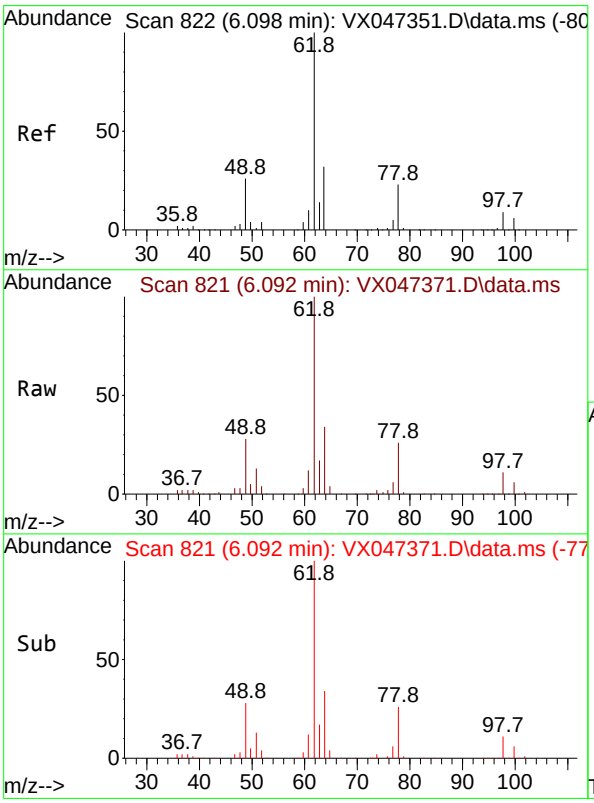
#41
Methacrylonitrile
Concen: 48.083 ug/l
RT: 4.934 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 95846

Ion	Ratio	Lower	Upper
41	100		
39	53.1	45.4	68.2
67	83.4	64.0	96.0
52	34.1	27.0	40.6

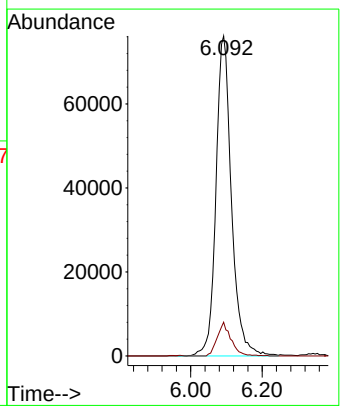


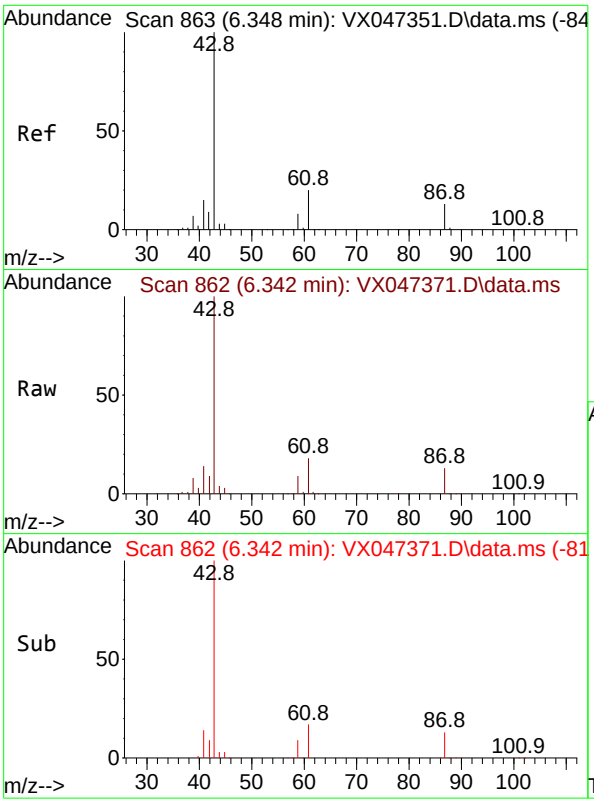


#42
1,2-Dichloroethane
Concen: 47.424 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 62 Resp: 228939

Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.0



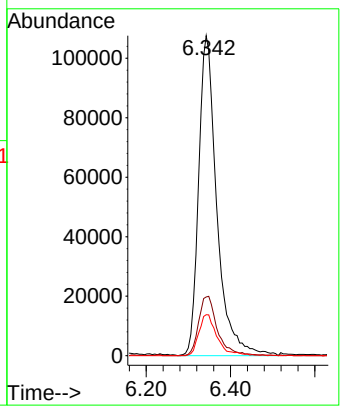


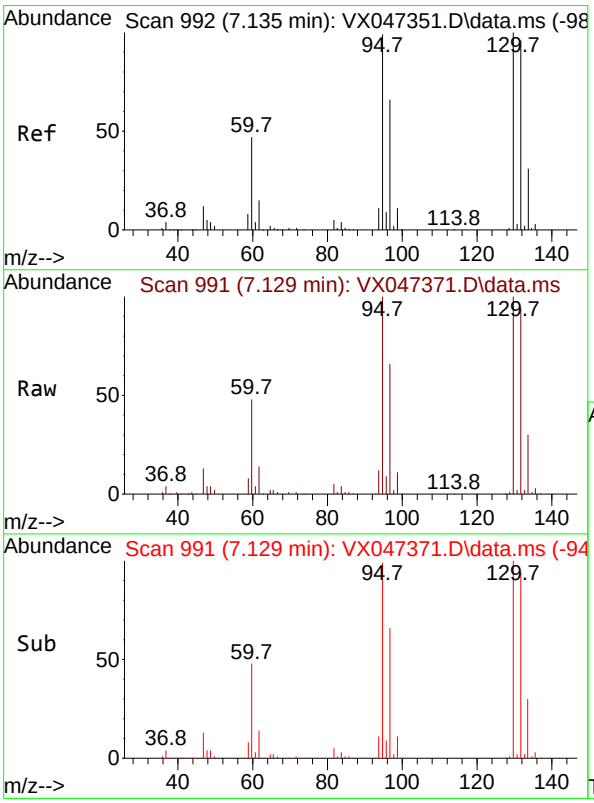
#43
Isopropyl Acetate
Concen: 47.583 ug/l
RT: 6.342 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 323127

Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.4	23.0
87	12.9	10.2	15.4

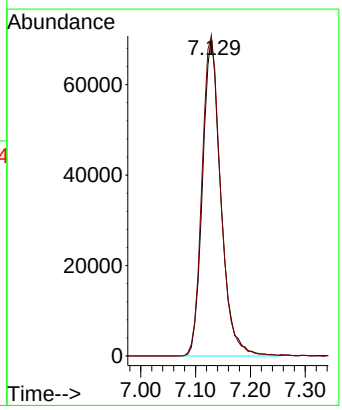


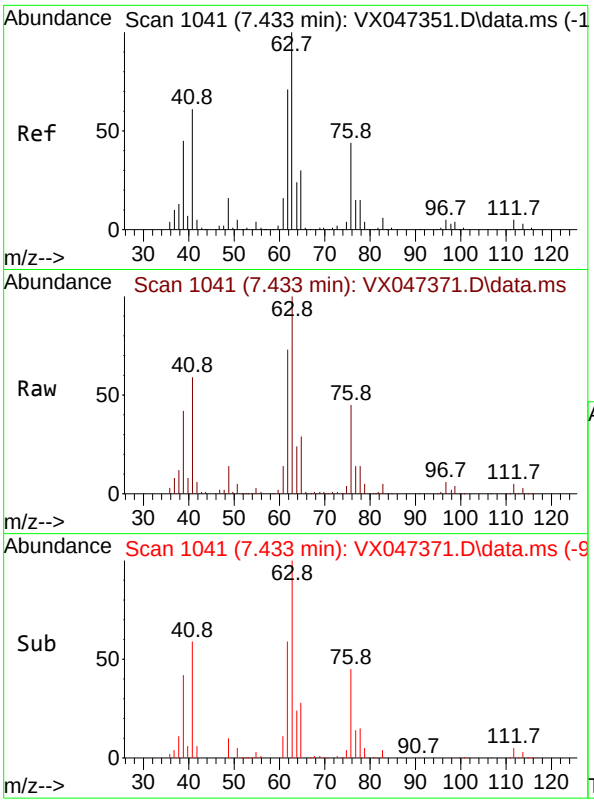


#44
Trichloroethene
Concen: 46.616 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion:130 Resp: 162678

Ion	Ratio	Lower	Upper
130	100		
95	99.6	0.0	198.6



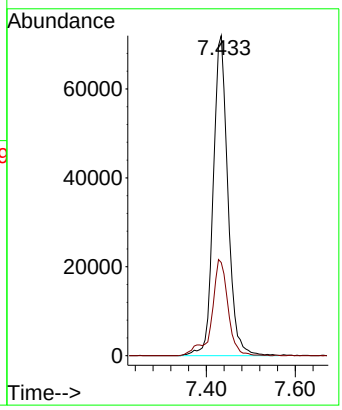


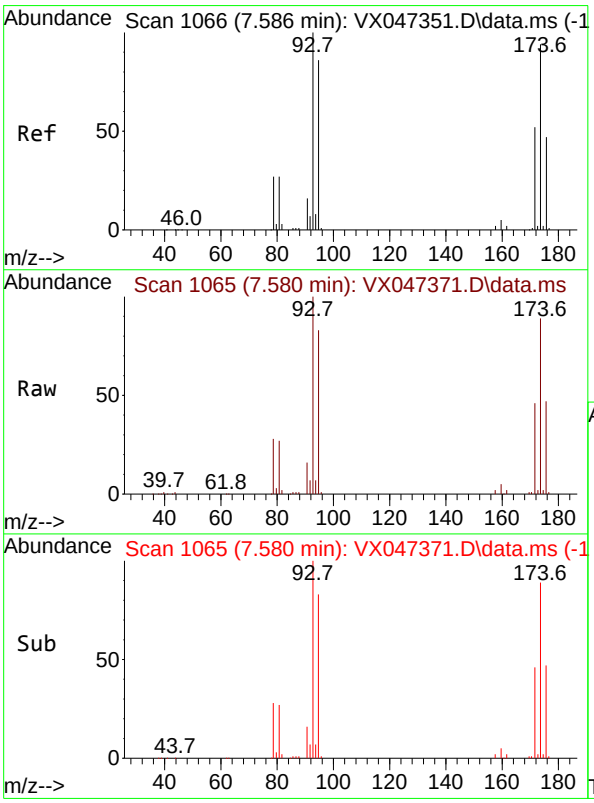
#45
1,2-Dichloropropane
Concen: 47.913 ug/l
RT: 7.433 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 163590

Ion	Ratio	Lower	Upper
63	100		
65	29.1	23.8	35.6

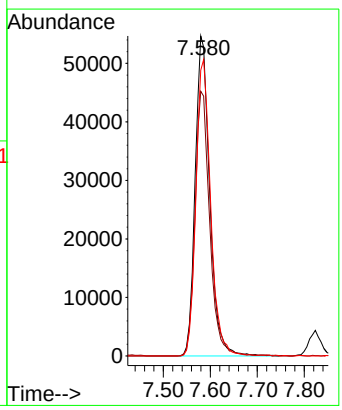


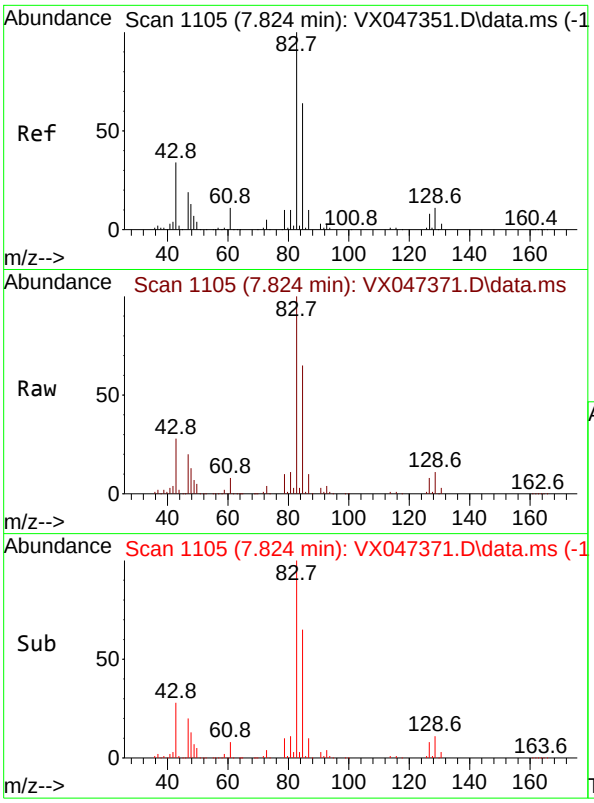


#46
Dibromomethane
Concen: 47.485 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 93 Resp: 117704

Ion	Ratio	Lower	Upper
93	100		
95	83.2	68.0	102.0
174	93.7	75.8	113.6



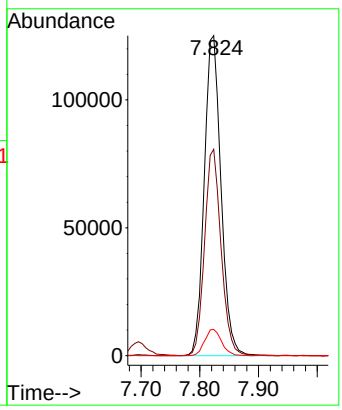


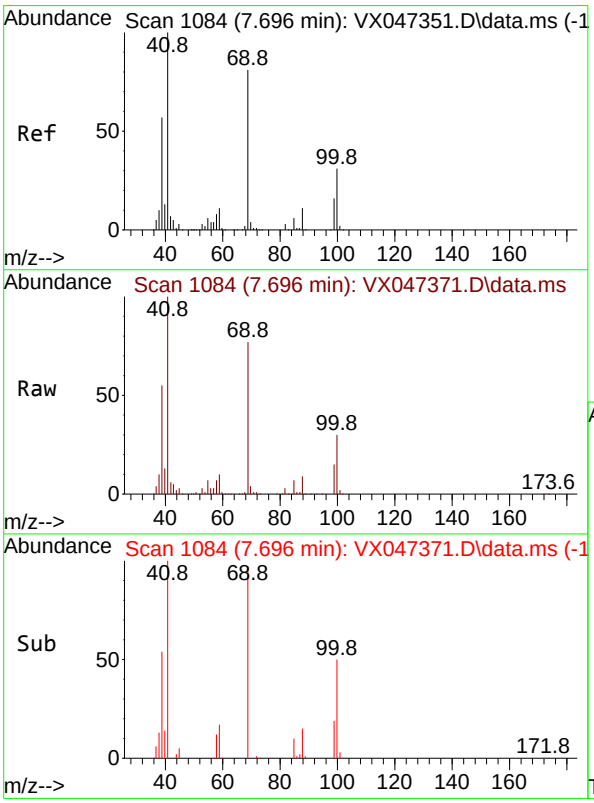
#47
Bromodichloromethane
Concen: 48.205 ug/l
RT: 7.824 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 247713

Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.0	76.6
127	8.2	7.0	10.4

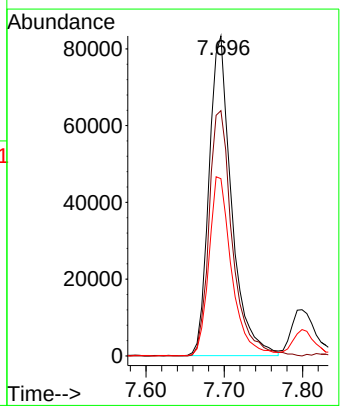


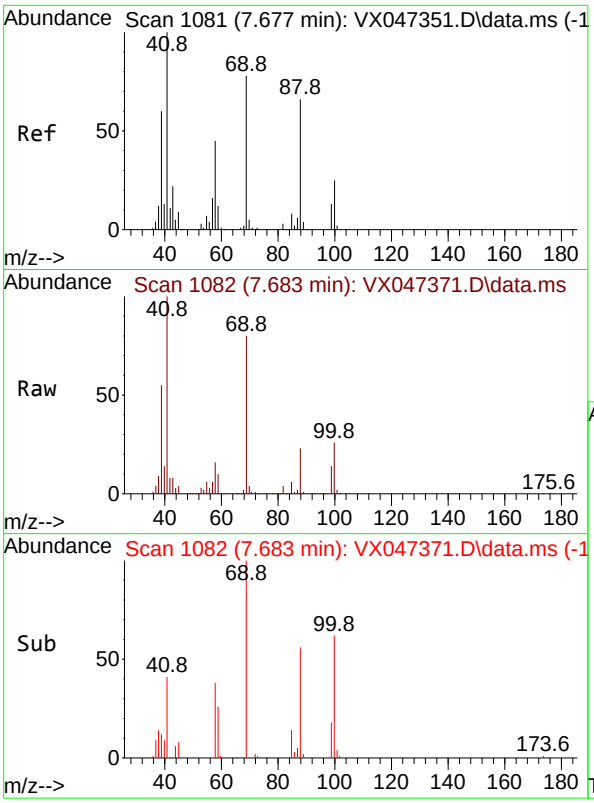


#48
Methyl methacrylate
Concen: 47.171 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 41 Resp: 166270

Ion	Ratio	Lower	Upper
41	100		
69	79.8	65.0	97.4
39	56.4	45.7	68.5



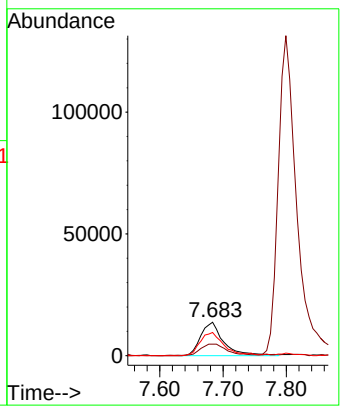


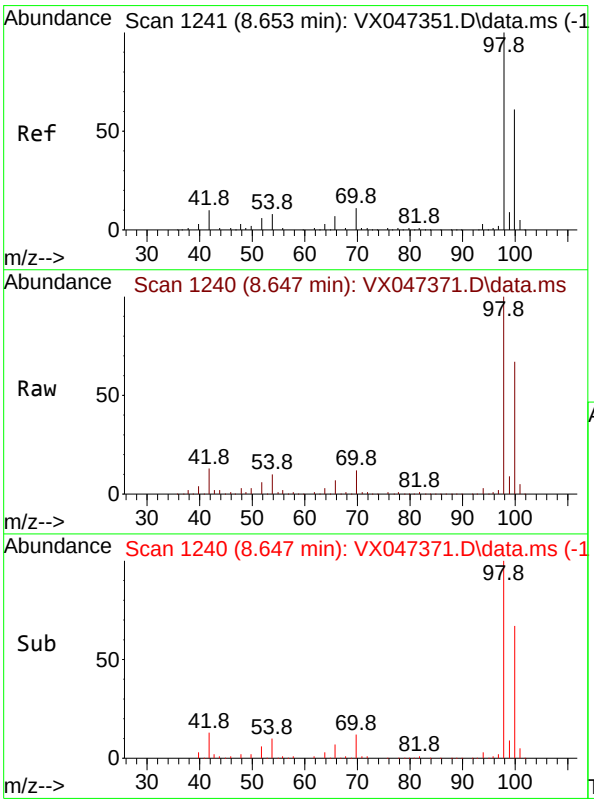
#49
1,4-Dioxane
Concen: 1013.952 ug/l
RT: 7.683 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 34744

Ion	Ratio	Lower	Upper
88	100		
43	37.8	32.4	48.6
58	72.0	56.9	85.3

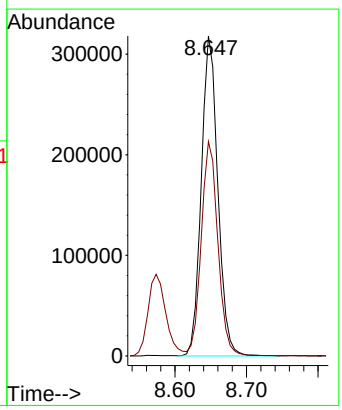


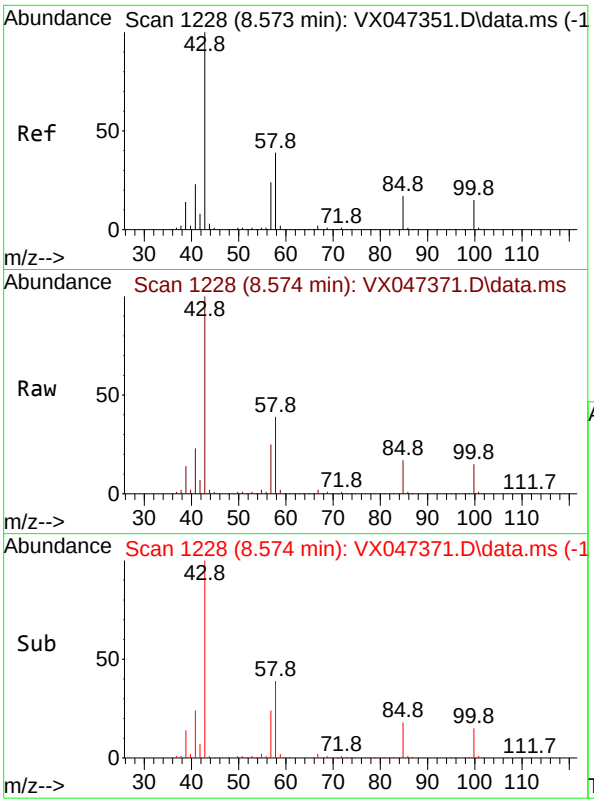


#50
Toluene-d8
Concen: 49.536 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 98 Resp: 510697

Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.9	80.9



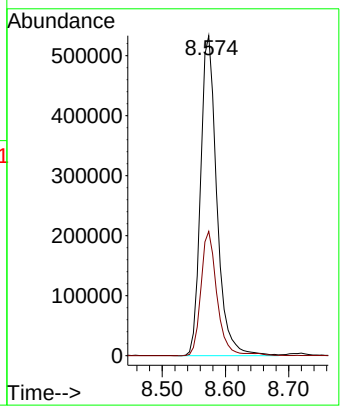


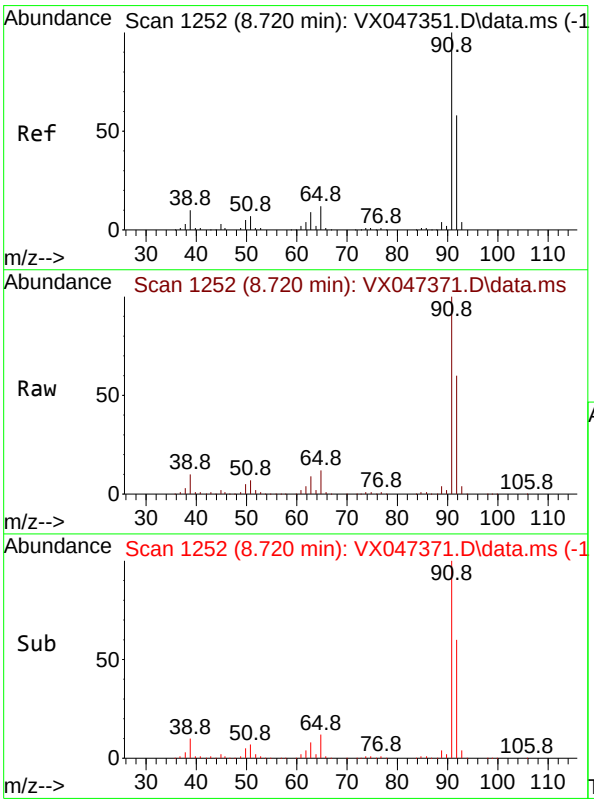
#51
4-Methyl-2-Pentanone
Concen: 243.653 ug/l
RT: 8.574 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 952145

Ion	Ratio	Lower	Upper
43	100		
58	38.0	31.2	46.8

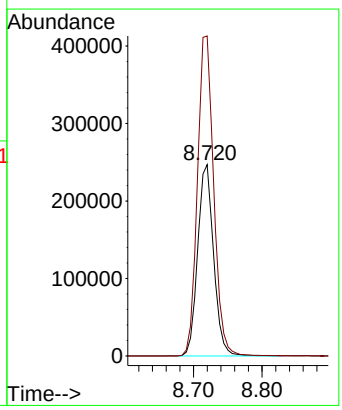


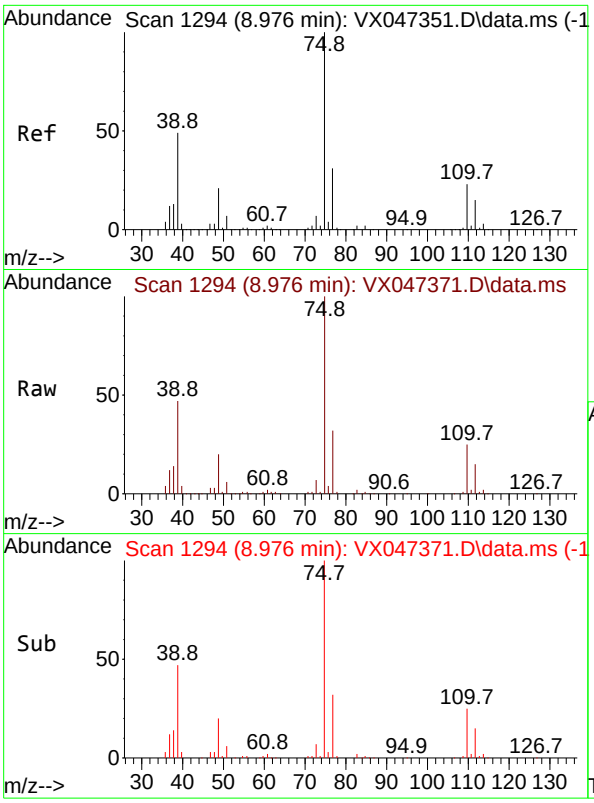


#52
Toluene
Concen: 47.503 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 92 Resp: 400051

Ion	Ratio	Lower	Upper
92	100		
91	171.2	136.3	204.5



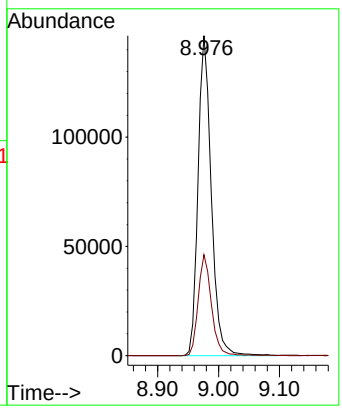


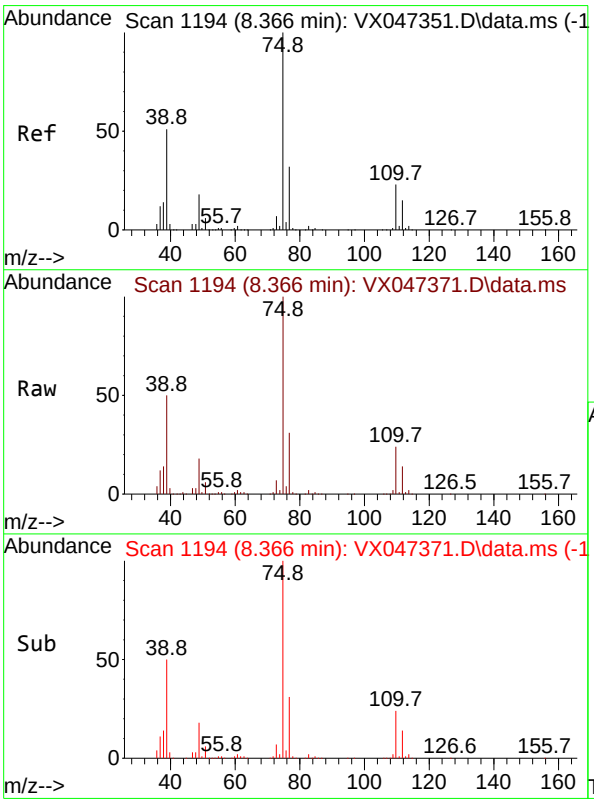
#53
t-1,3-Dichloropropene
Concen: 49.287 ug/l
RT: 8.976 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 221043

Ion	Ratio	Lower	Upper
75	100		
77	31.6	24.7	37.1

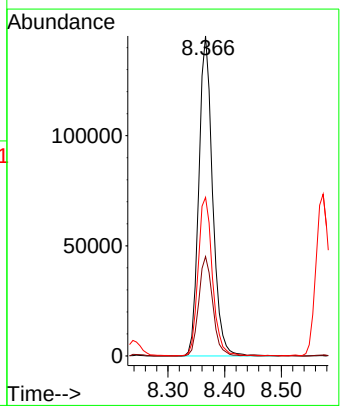


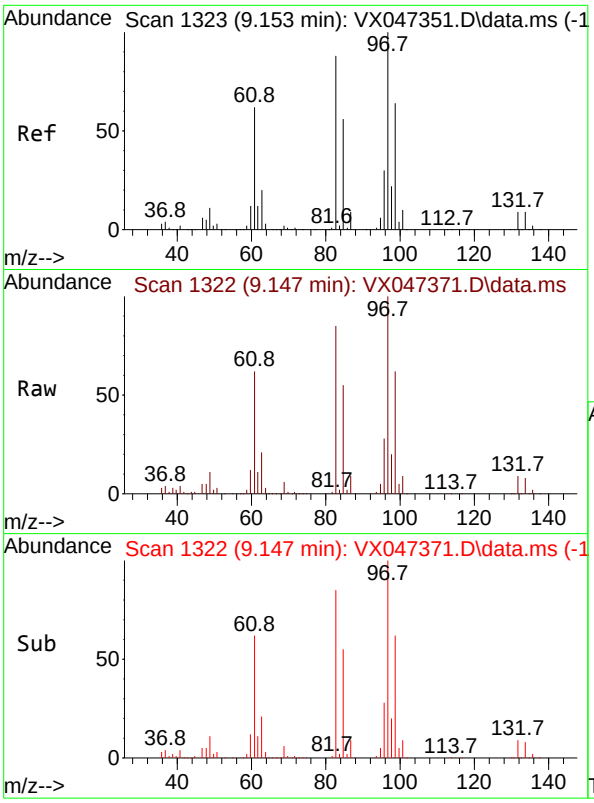


#54
cis-1,3-Dichloropropene
Concen: 48.187 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 75 Resp: 244614

Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.6	38.4
39	49.5	40.9	61.3



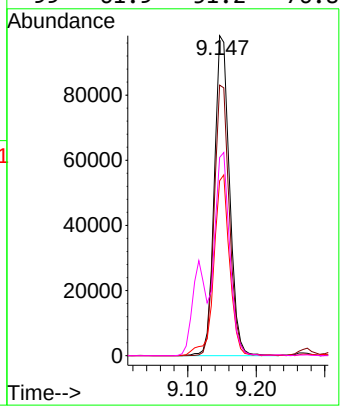


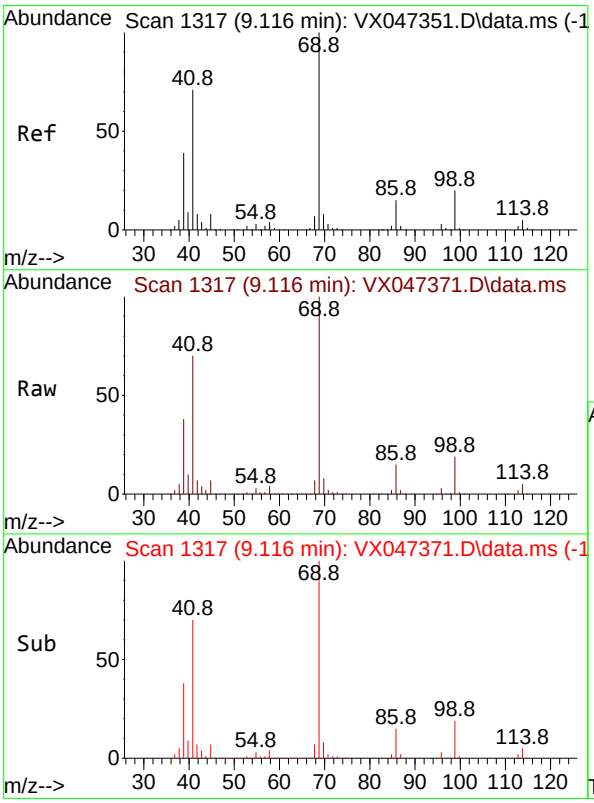
#55
1,1,2-Trichloroethane
Concen: 47.246 ug/l
RT: 9.147 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 151070

Ion	Ratio	Lower	Upper
97	100		
83	84.5	70.6	106.0
85	54.7	44.7	67.1
99	61.9	51.2	76.8

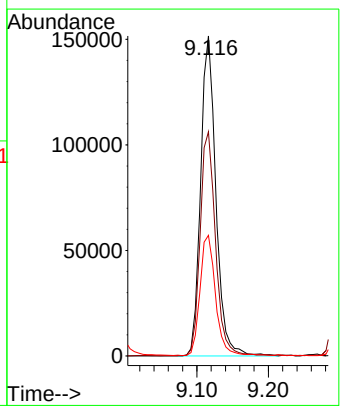


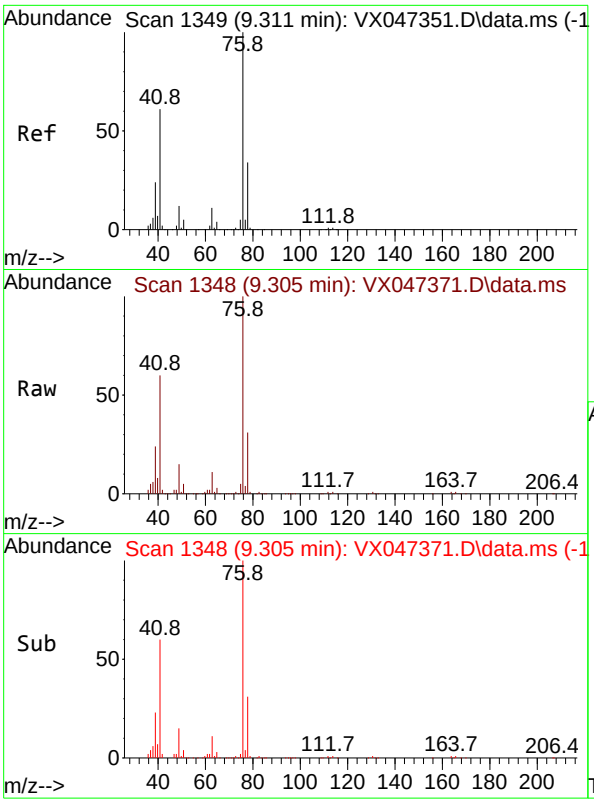


#56
Ethyl methacrylate
Concen: 47.723 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 69 Resp: 224978

Ion	Ratio	Lower	Upper
69	100		
41	70.5	55.3	82.9
39	38.3	30.2	45.2



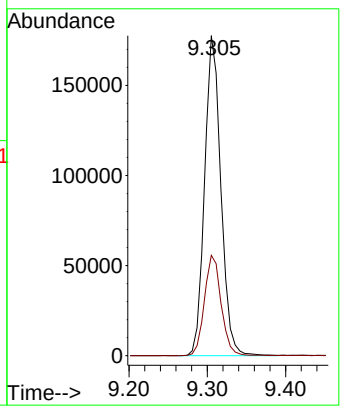


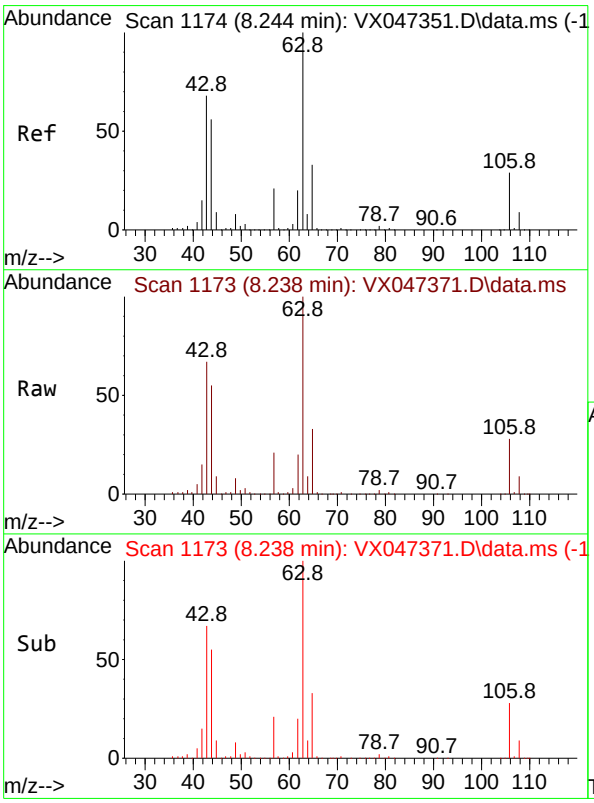
#57
1,3-Dichloropropane
Concen: 46.880 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 255427

Ion	Ratio	Lower	Upper
76	100		
78	32.4	26.2	39.2

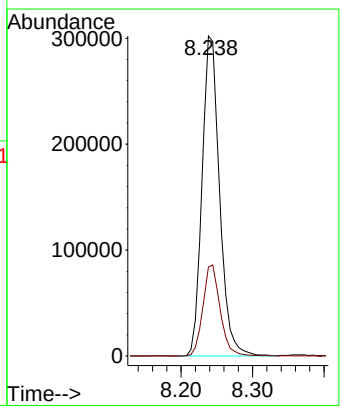


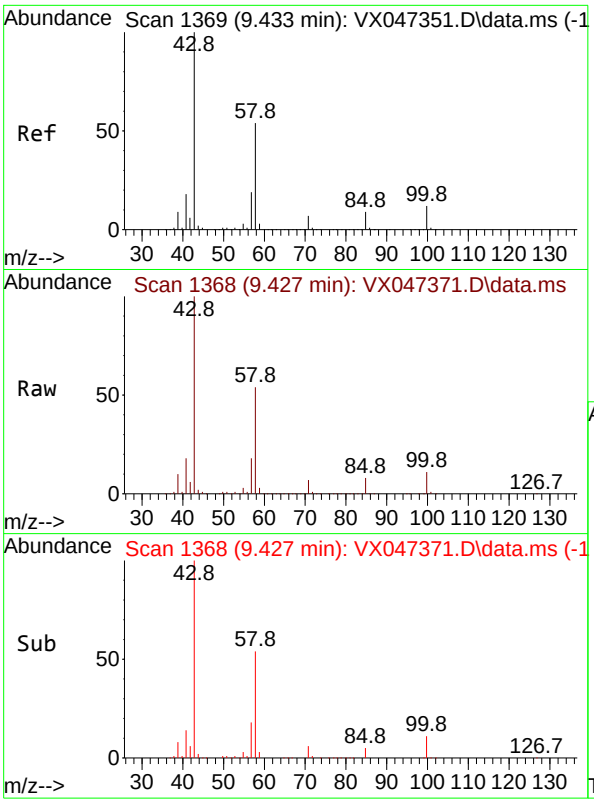


#58
2-Chloroethyl Vinyl ether
Concen: 229.244 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 63 Resp: 514434

Ion	Ratio	Lower	Upper
63	100		
106	28.0	22.8	34.2



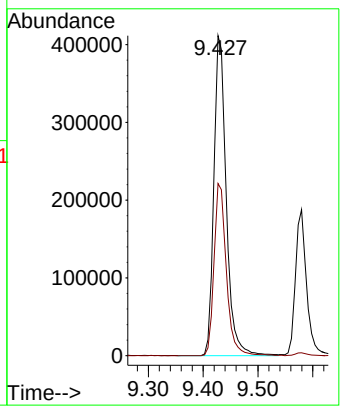


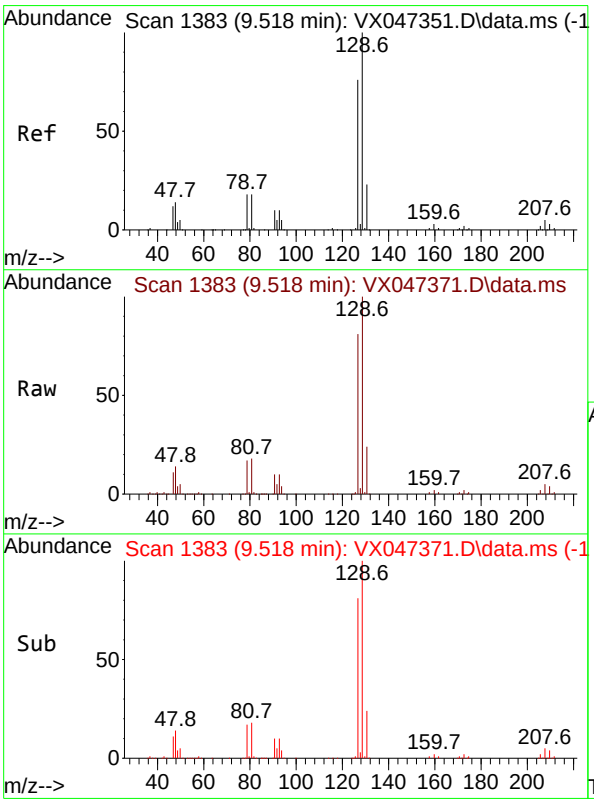
#59
2-Hexanone
Concen: 238.139 ug/l
RT: 9.427 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 643715

Ion	Ratio	Lower	Upper
43	100		
58	53.6	26.9	80.7

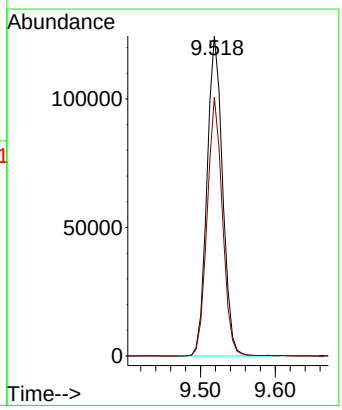


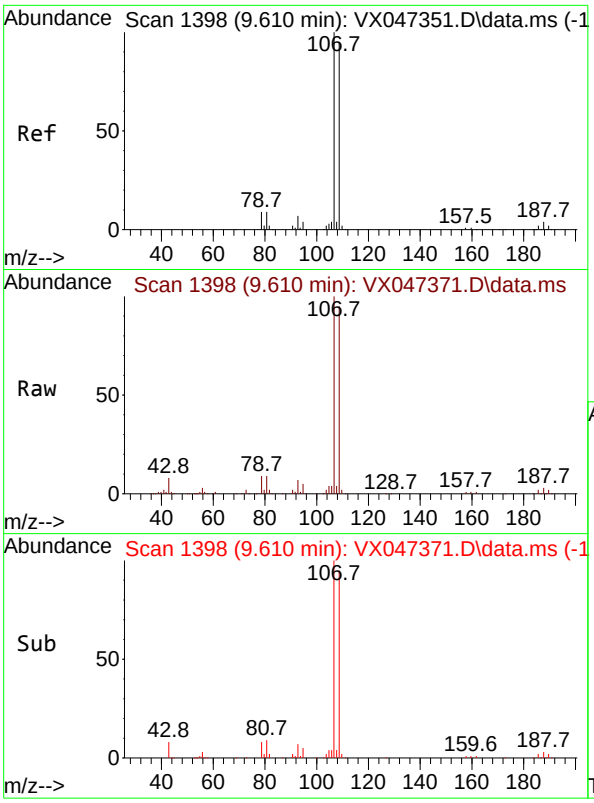


#60
Dibromochloromethane
Concen: 47.510 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion:129 Resp: 180536

Ion	Ratio	Lower	Upper
129	100		
127	79.4	38.9	116.6



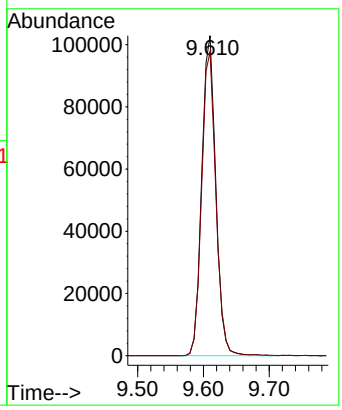


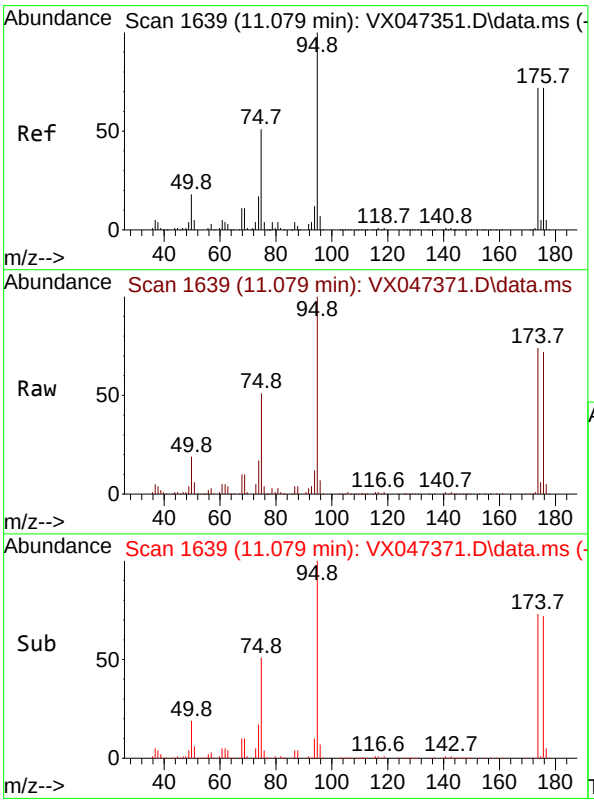
#61
1,2-Dibromoethane
Concen: 46.327 ug/l
RT: 9.610 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 152751

Ion	Ratio	Lower	Upper
107	100		
109	96.1	76.2	114.2

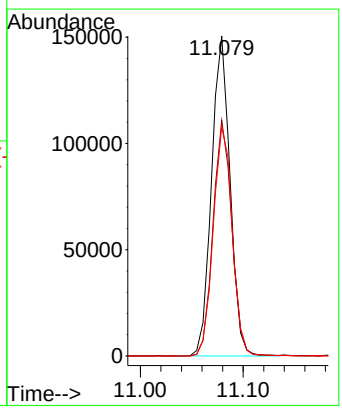


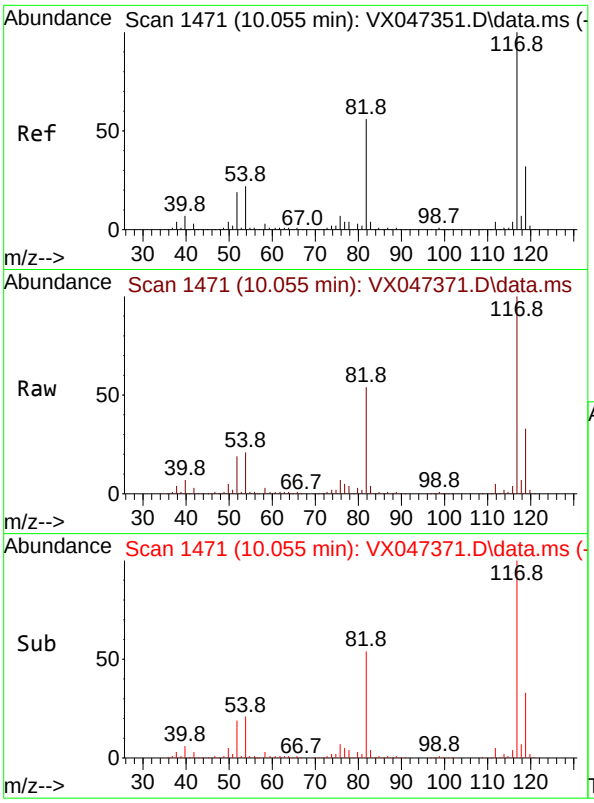


#62
4-Bromofluorobenzene
Concen: 49.495 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 95 Resp: 188302

Ion	Ratio	Lower	Upper
95	100		
174	74.5	0.0	148.0
176	73.5	0.0	145.4



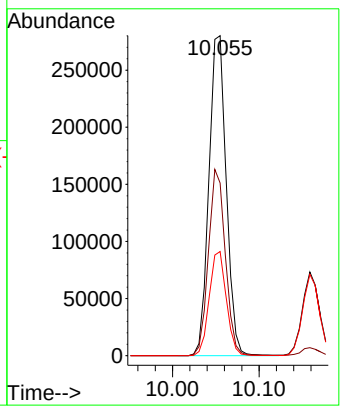


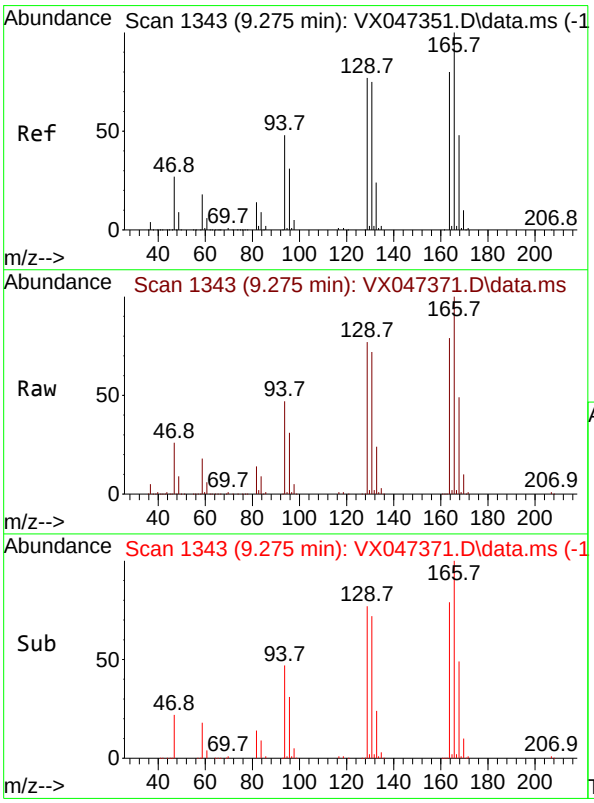
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 389564

Ion	Ratio	Lower	Upper
117	100		
82	54.0	45.0	67.4
119	32.6	25.8	38.8

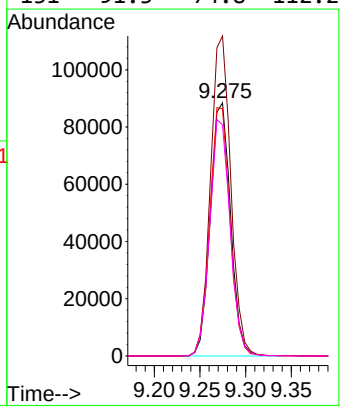


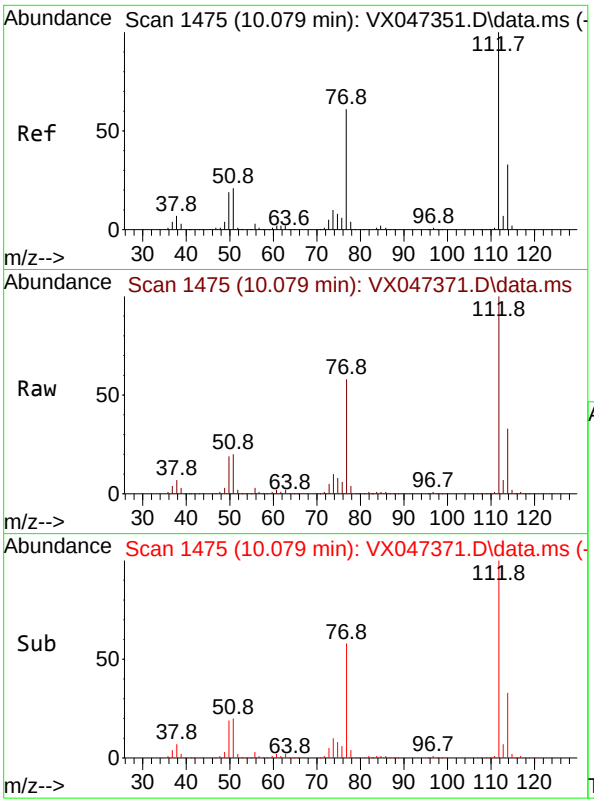


#64
Tetrachloroethene
Concen: 48.259 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion:164 Resp: 135984

Ion	Ratio	Lower	Upper
164	100		
166	126.4	100.3	150.5
129	97.7	77.7	116.5
131	91.3	74.8	112.2



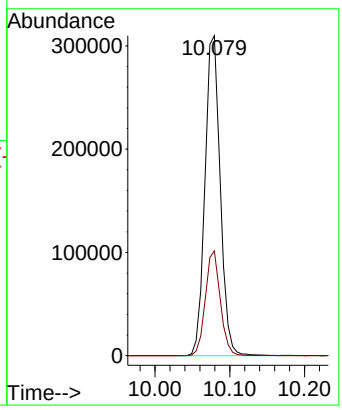


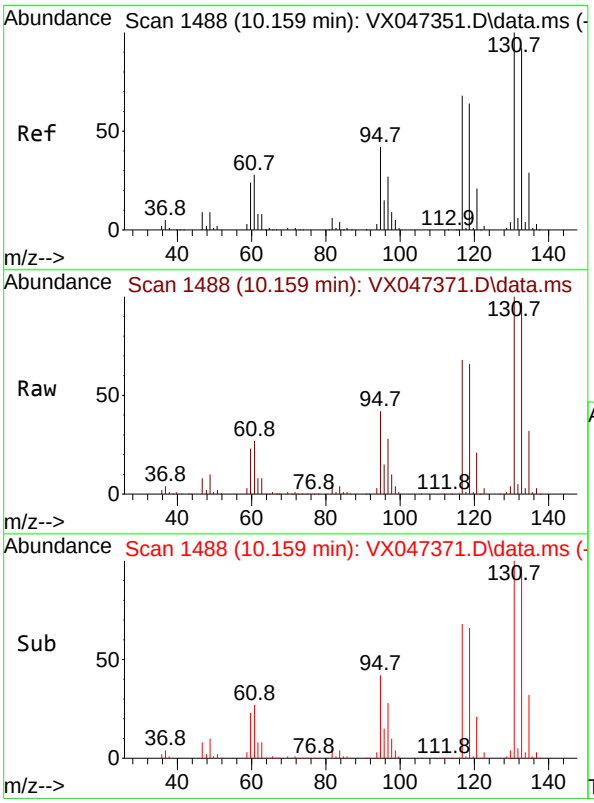
#65
Chlorobenzene
Concen: 47.514 ug/l
RT: 10.079 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 439867

Ion	Ratio	Lower	Upper
112	100		
114	32.7	26.4	39.6

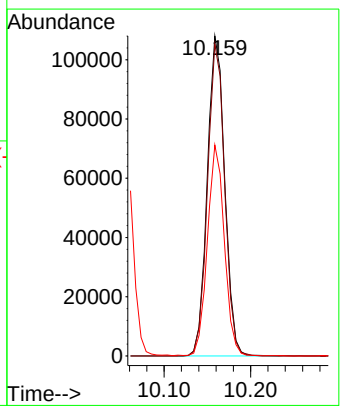


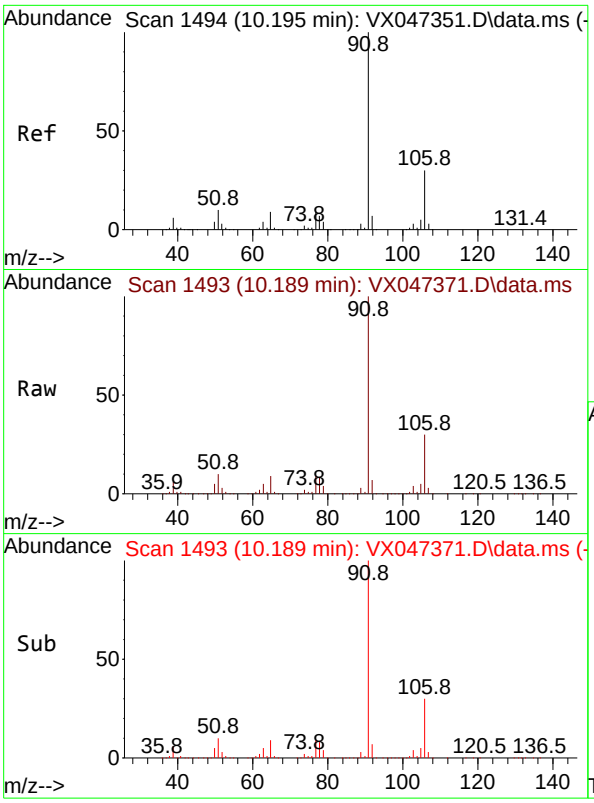


#66
1,1,1,2-Tetrachloroethane
Concen: 48.384 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion:131 Resp: 151414

Ion	Ratio	Lower	Upper
131	100		
133	95.6	47.6	142.9
119	63.8	32.3	96.8



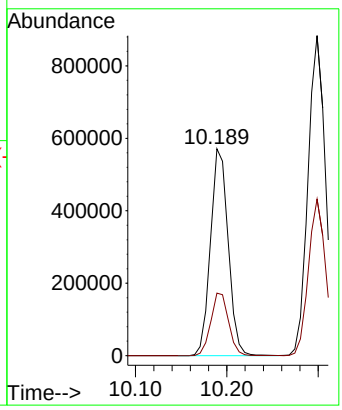


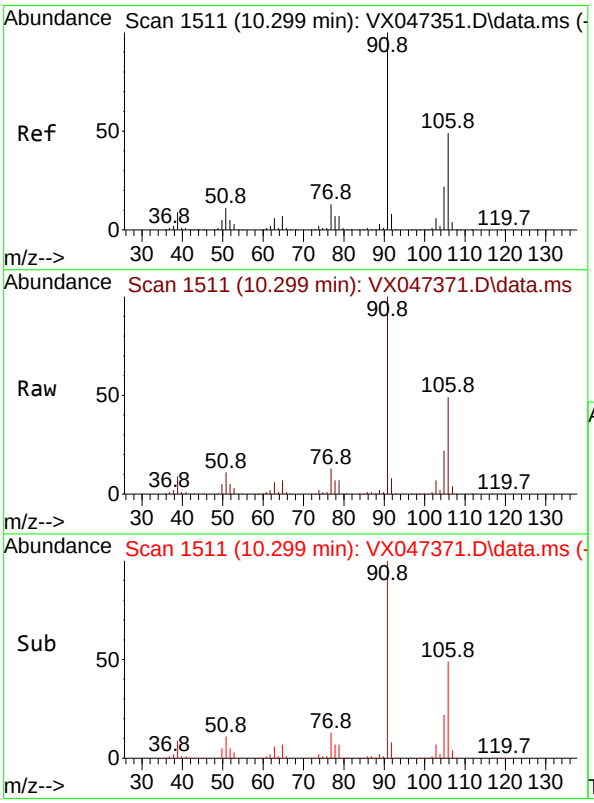
#67
Ethyl Benzene
Concen: 48.124 ug/l
RT: 10.189 min Scan# 14
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 766794

Ion	Ratio	Lower	Upper
91	100		
106	30.3	24.4	36.6

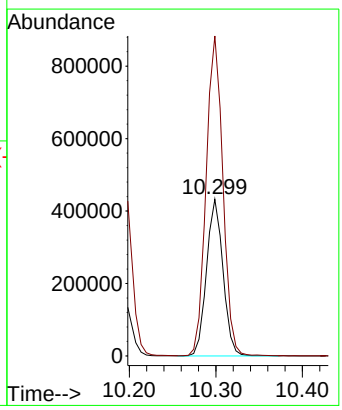


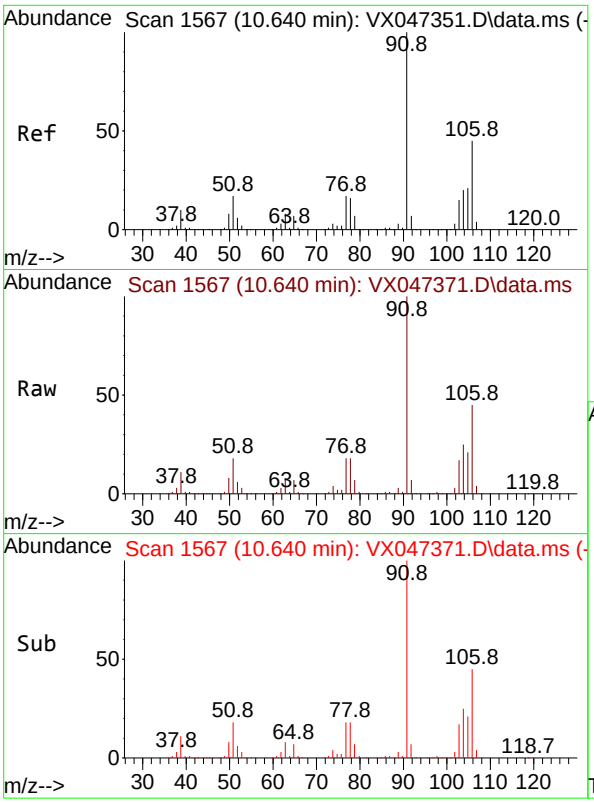


#68
m/p-Xylenes
Concen: 96.341 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion:106 Resp: 572388

Ion	Ratio	Lower	Upper
106	100		
91	208.0	164.7	247.1



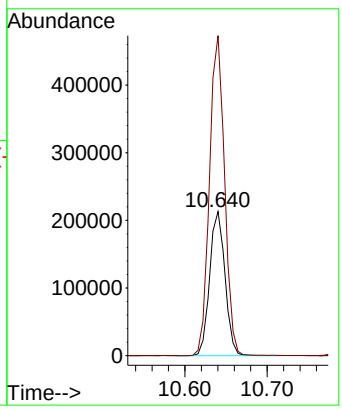


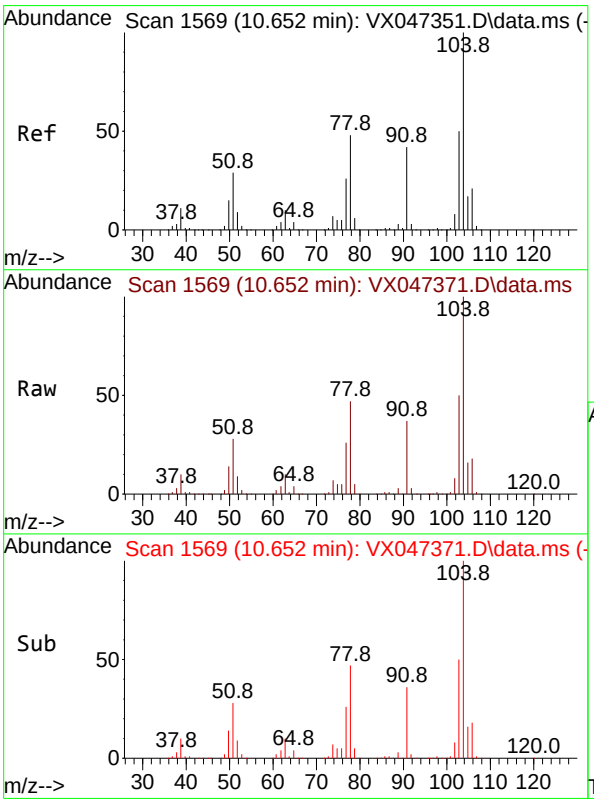
#69
o-Xylene
Concen: 48.267 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 275968

Ion	Ratio	Lower	Upper
106	100		
91	219.5	110.6	331.8

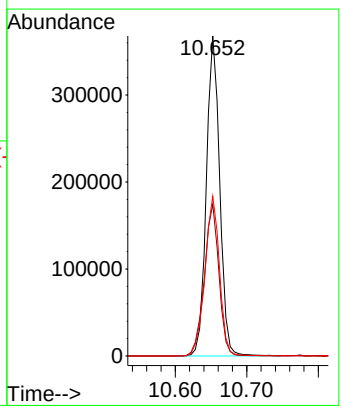


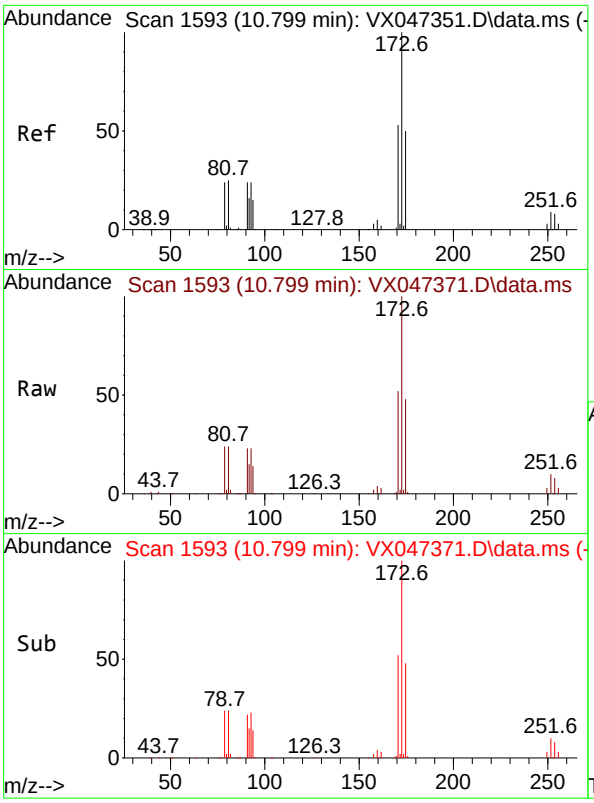


#70
Styrene
Concen: 49.483 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion:104 Resp: 478038

Ion	Ratio	Lower	Upper
104	100		
78	52.0	41.8	62.8
103	54.2	43.6	65.4



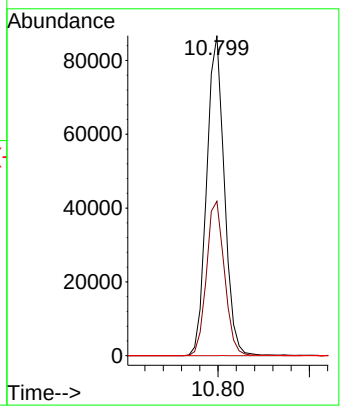


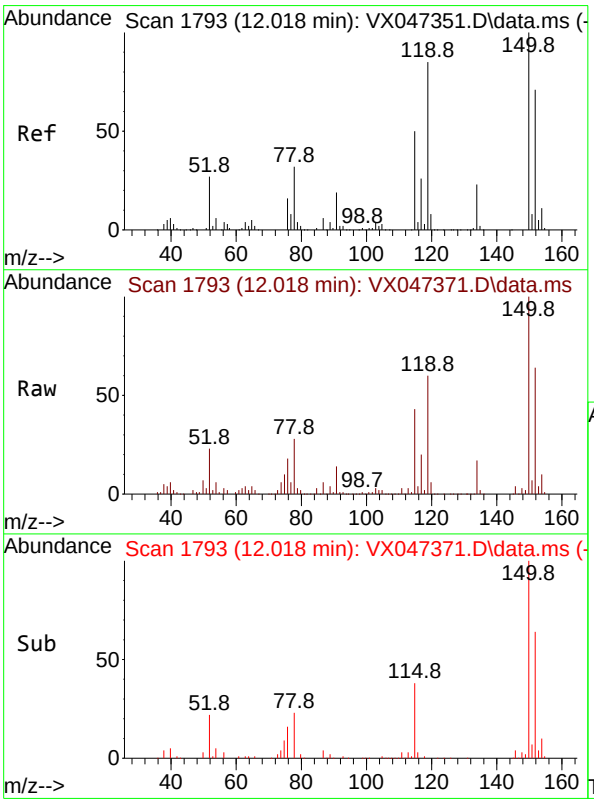
#71
Bromoform
Concen: 49.276 ug/l
RT: 10.799 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 115849

Ion	Ratio	Lower	Upper
173	100		
175	49.4	24.4	73.4
254	0.0	0.1	0.1#

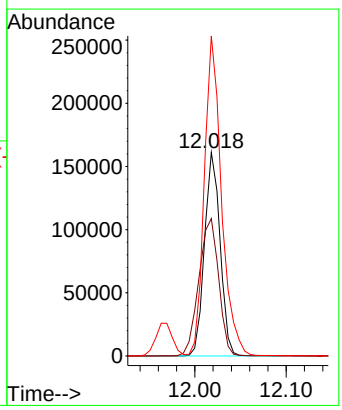


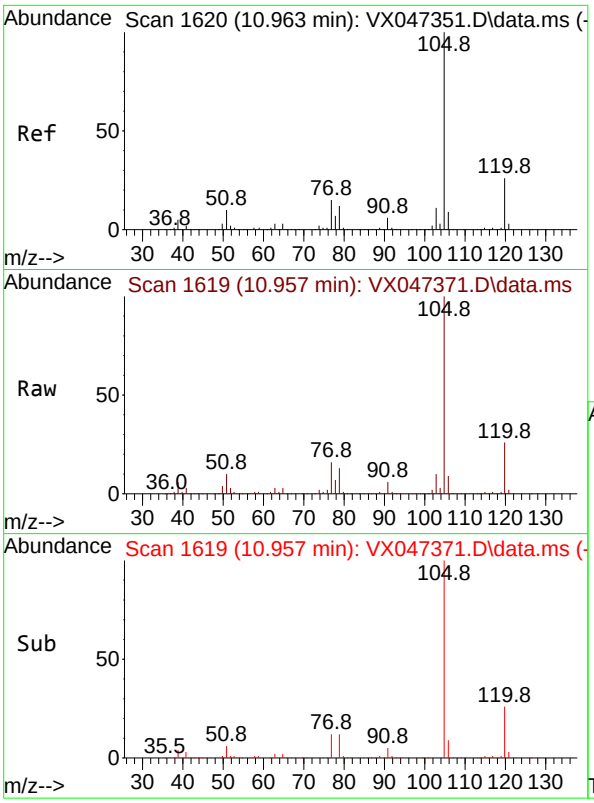


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion:152 Resp: 190181

Ion	Ratio	Lower	Upper
152	100		
115	85.8	44.6	133.8
150	173.9	0.0	349.8



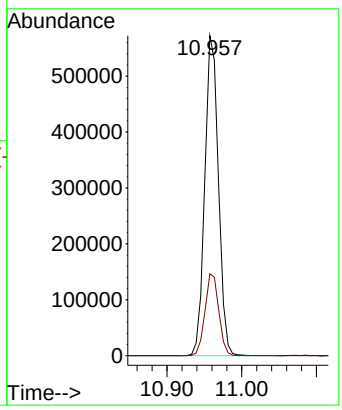


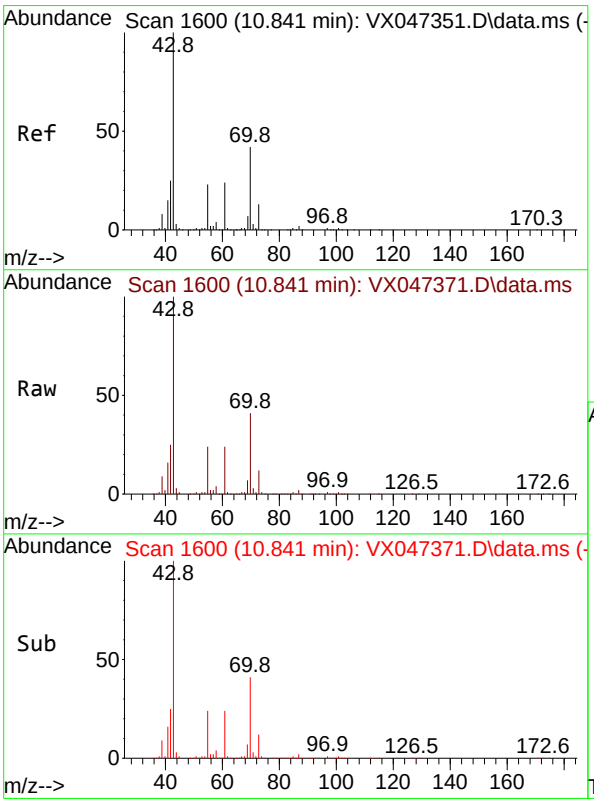
#73
Isopropylbenzene
Concen: 48.628 ug/l
RT: 10.957 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 723706

Ion	Ratio	Lower	Upper
105	100		
120	26.0	12.9	38.6

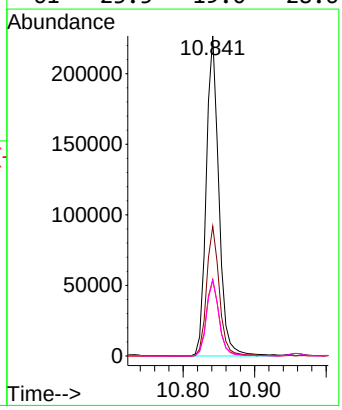


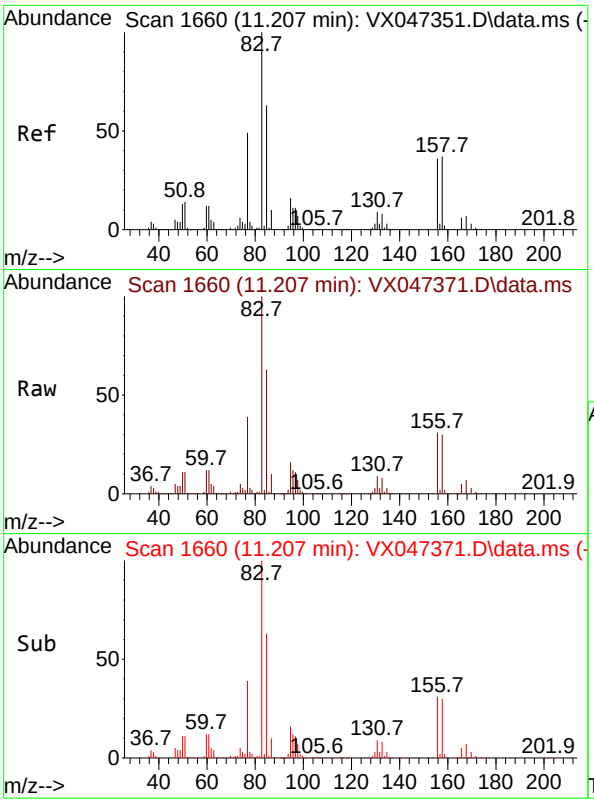


#74
N-amyl acetate
Concen: 49.291 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 43 Resp: 278569

Ion	Ratio	Lower	Upper
43	100		
70	40.5	33.1	49.7
55	24.3	19.0	28.6
61	23.5	19.0	28.6



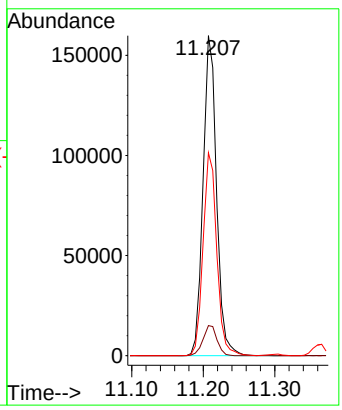


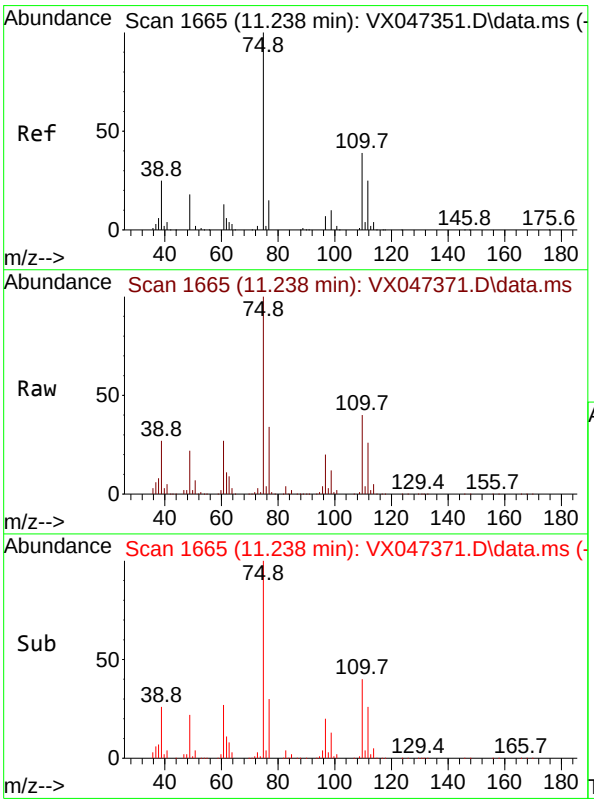
#75
1,1,2,2-Tetrachloroethane
Concen: 47.887 ug/l
RT: 11.207 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 209247

Ion	Ratio	Lower	Upper
83	100		
131	9.8	5.0	15.0
85	64.4	31.7	95.1

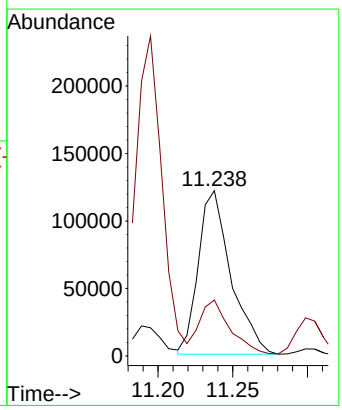


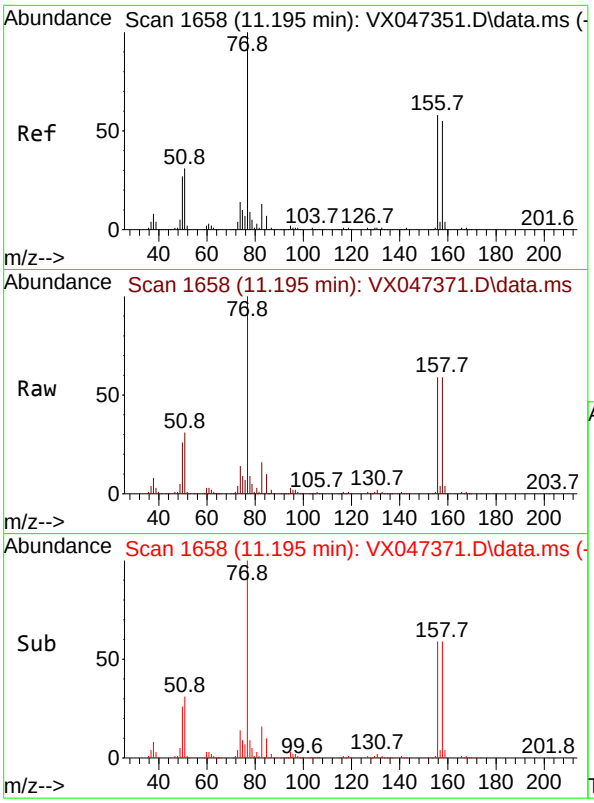


#76
1,2,3-Trichloropropane
Concen: 52.778 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 75 Resp: 184098

Ion	Ratio	Lower	Upper
75	100		
77	33.1	19.4	58.2



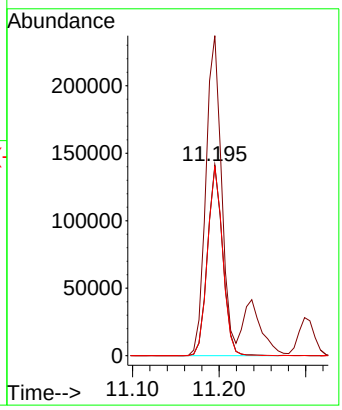


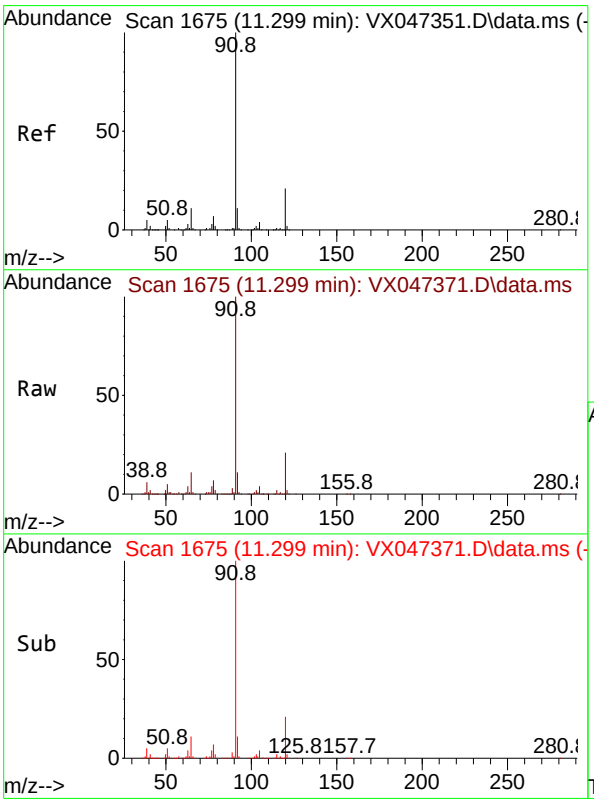
#77
Bromobenzene
Concen: 47.261 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 171756

Ion	Ratio	Lower	Upper
156	100		
77	173.9	86.3	258.9
158	99.3	48.0	144.2

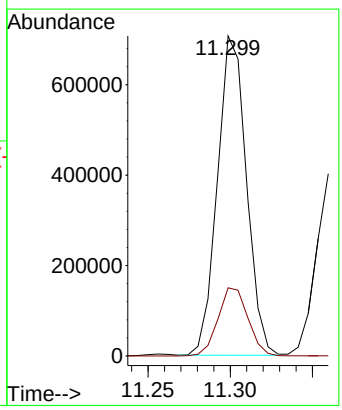


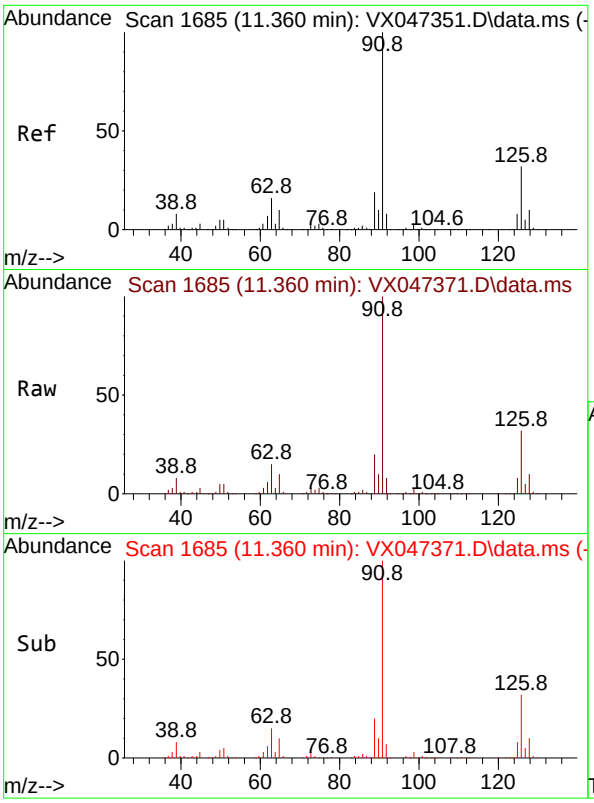


#78
n-propylbenzene
Concen: 48.892 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 91 Resp: 869019

Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.0	33.0



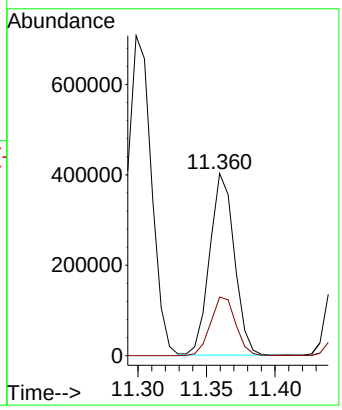


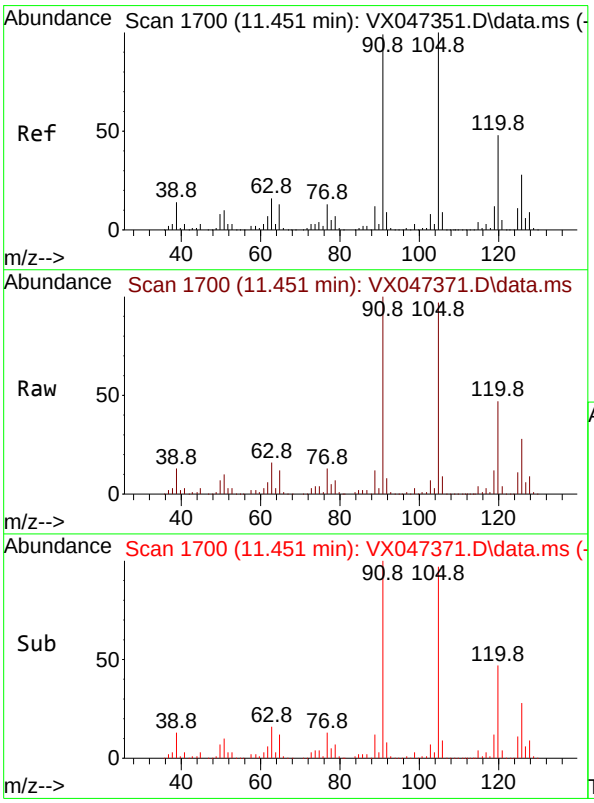
#79
2-Chlorotoluene
Concen: 46.898 ug/l
RT: 11.360 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 503902

Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.7	50.1

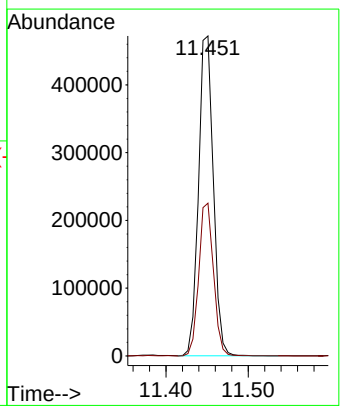


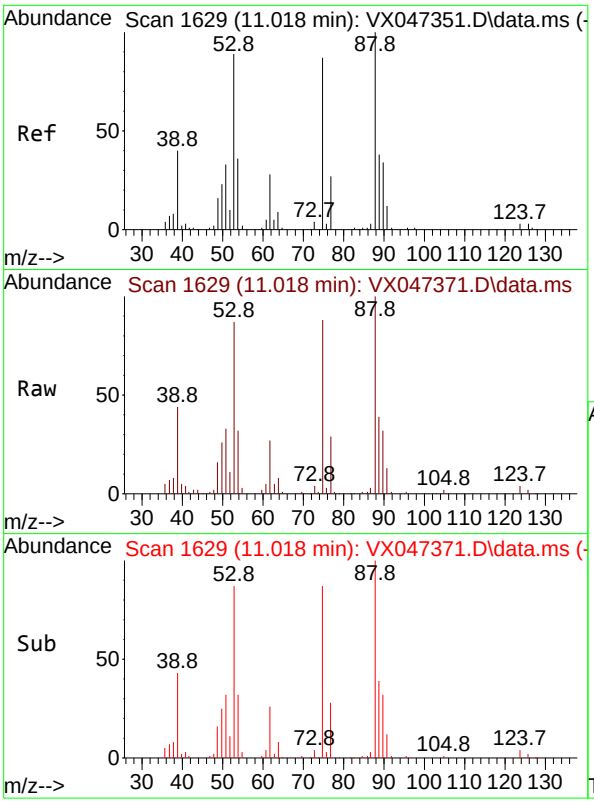


#80
1,3,5-Trimethylbenzene
Concen: 48.241 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion:105 Resp: 590722

Ion	Ratio	Lower	Upper
105	100		
120	47.7	23.9	71.7



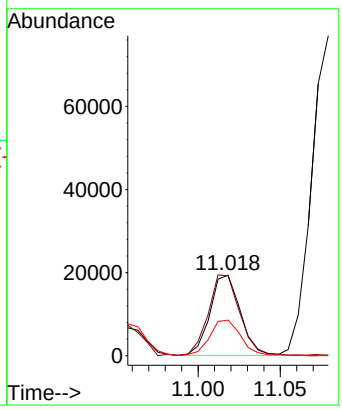


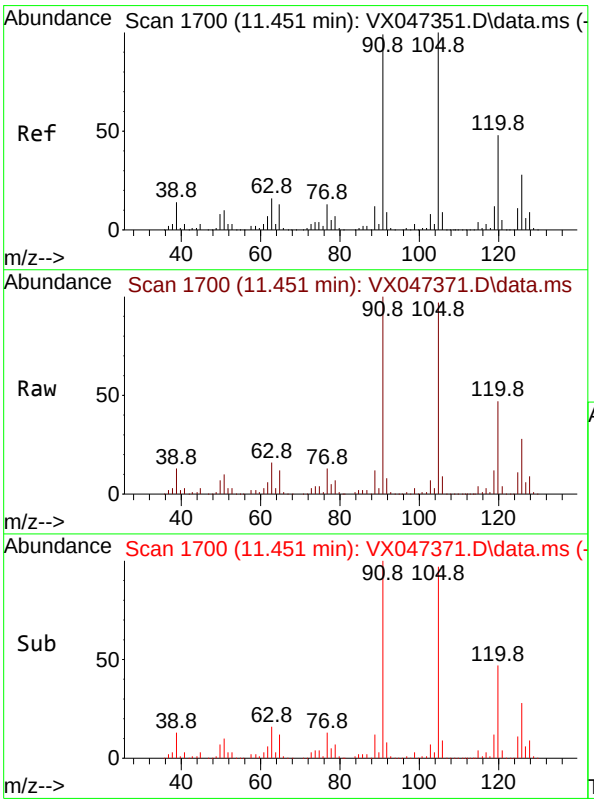
#81
trans-1,4-Dichloro-2-butene
Concen: 33.692 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 24594

Ion	Ratio	Lower	Upper
75	100		
53	105.0	85.2	127.8
89	46.1	36.7	55.1

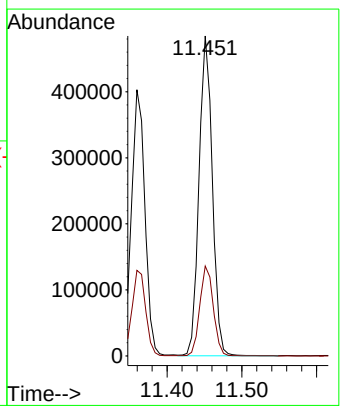


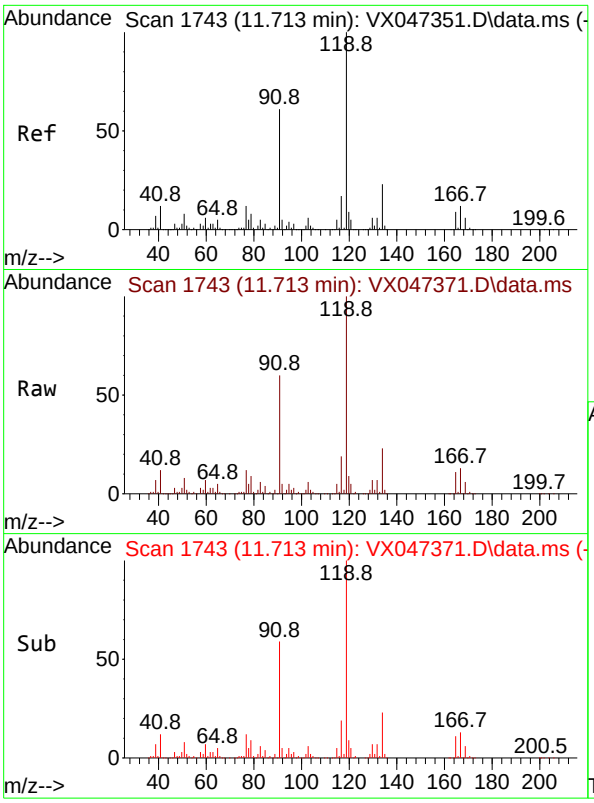


#82
4-Chlorotoluene
Concen: 47.174 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 91 Resp: 597497

Ion	Ratio	Lower	Upper
91	100		
126	28.5	14.4	43.0



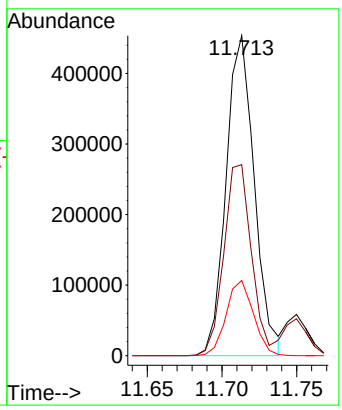


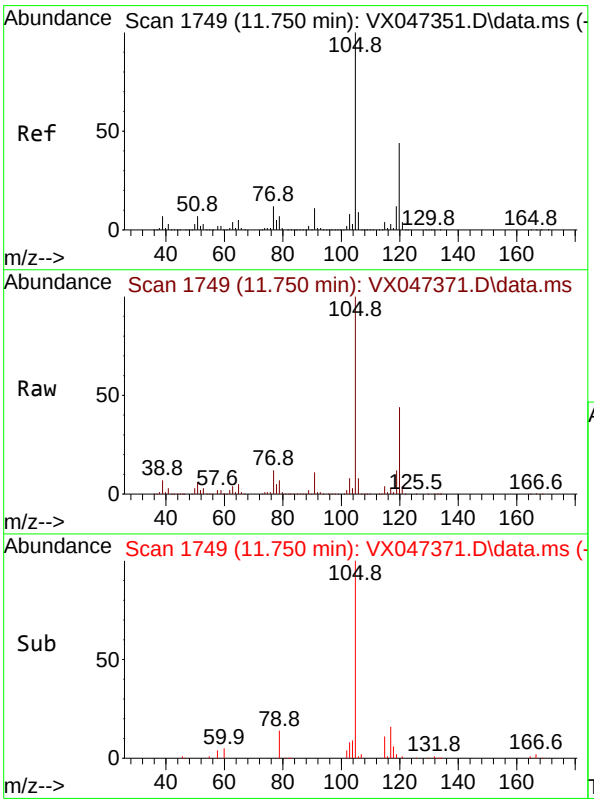
#83
tert-Butylbenzene
Concen: 48.866 ug/l
RT: 11.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 596984

Ion	Ratio	Lower	Upper
119	100		
91	58.0	29.1	87.4
134	22.7	11.3	33.9

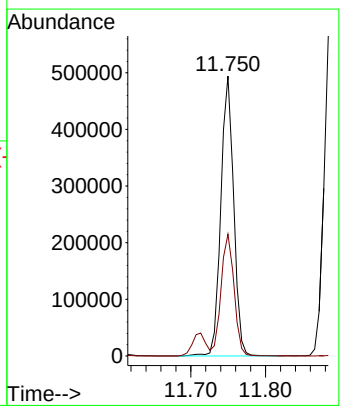


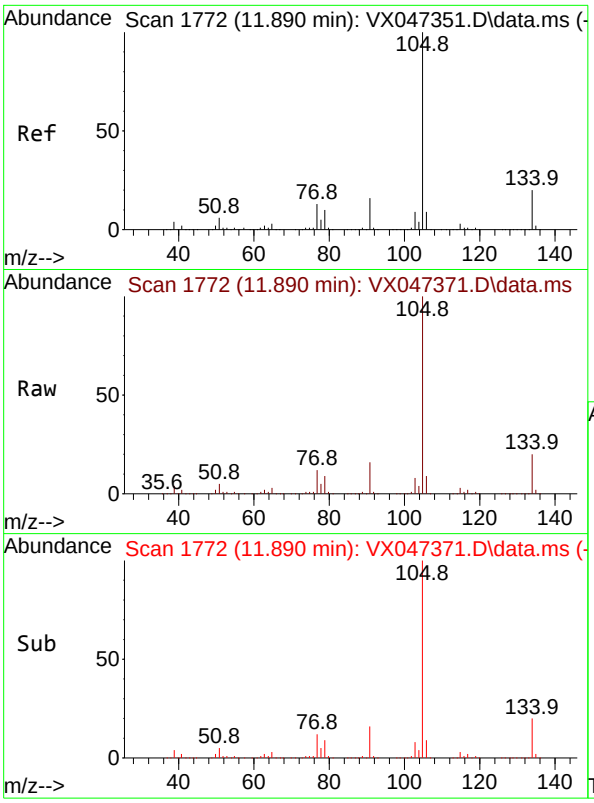


#84
1,2,4-Trimethylbenzene
Concen: 48.380 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion:105 Resp: 592440

Ion	Ratio	Lower	Upper
105	100		
120	44.0	21.9	65.7



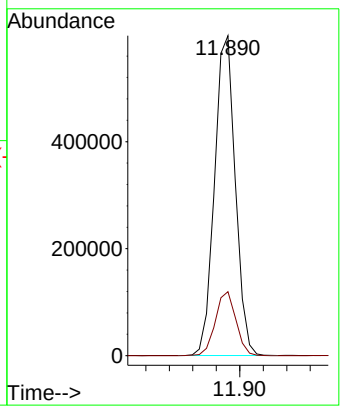


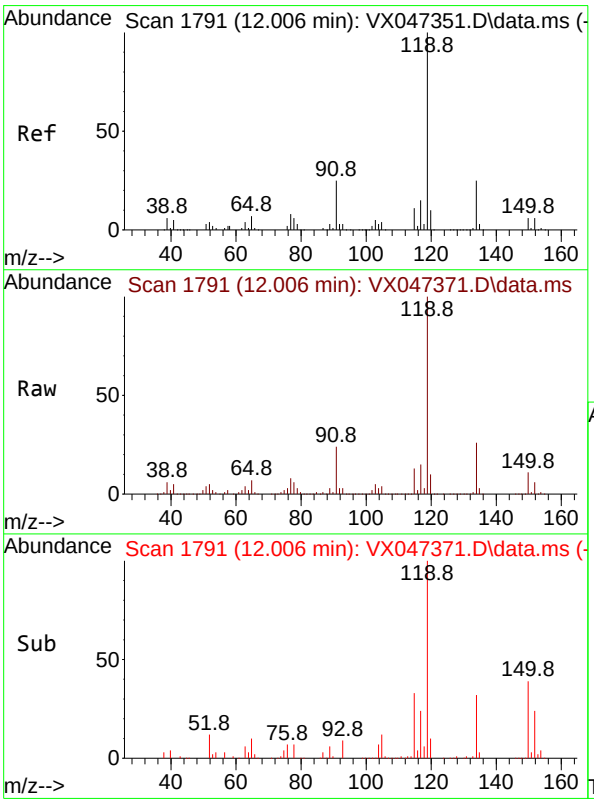
#85
sec-Butylbenzene
Concen: 48.547 ug/l
RT: 11.890 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 735112

Ion	Ratio	Lower	Upper
105	100		
134	19.9	9.8	29.5

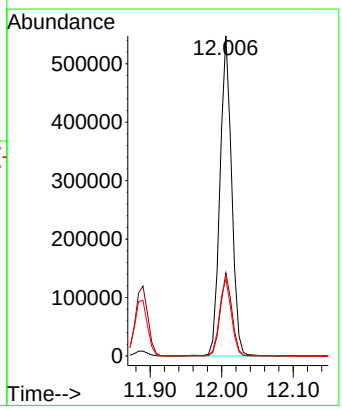


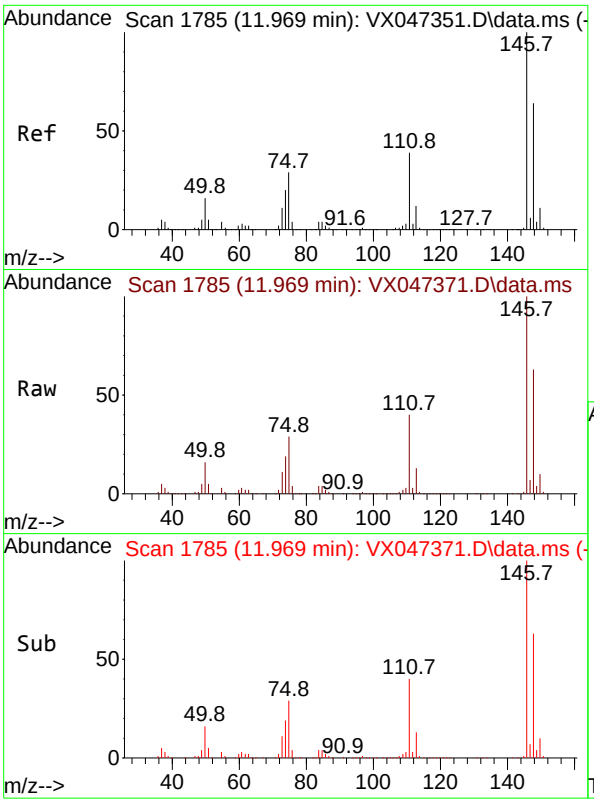


#86
p-Isopropyltoluene
Concen: 48.304 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion:119 Resp: 618942

Ion	Ratio	Lower	Upper
119	100		
134	25.7	12.8	38.4
91	24.4	12.4	37.4



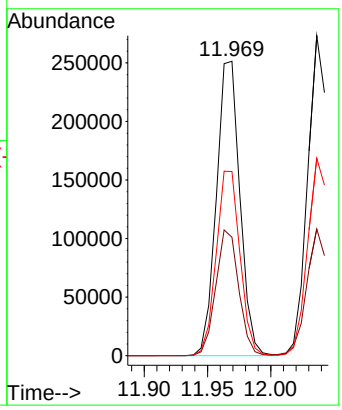


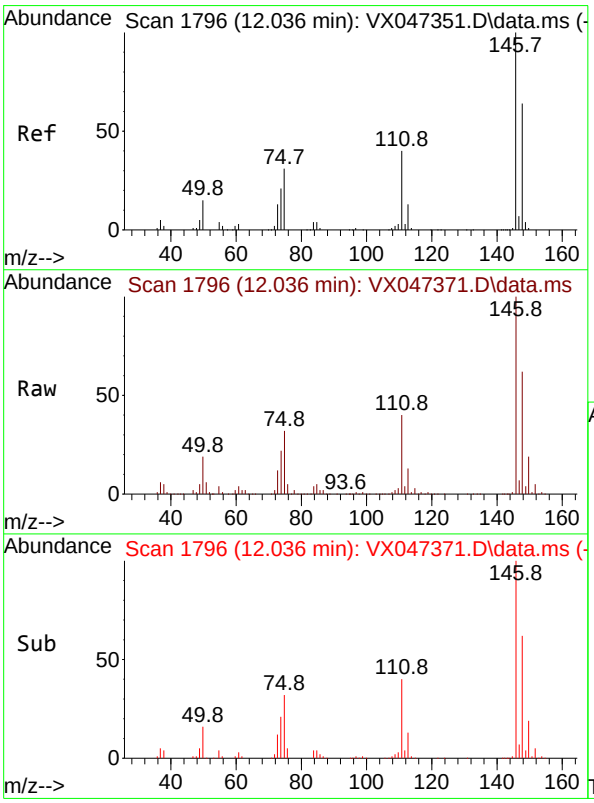
#87
1,3-Dichlorobenzene
Concen: 46.819 ug/l
RT: 11.969 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 325052

Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.6	61.8
148	63.3	31.9	95.5

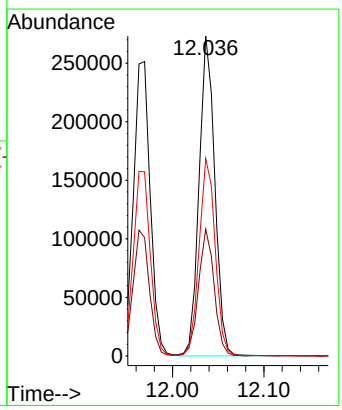


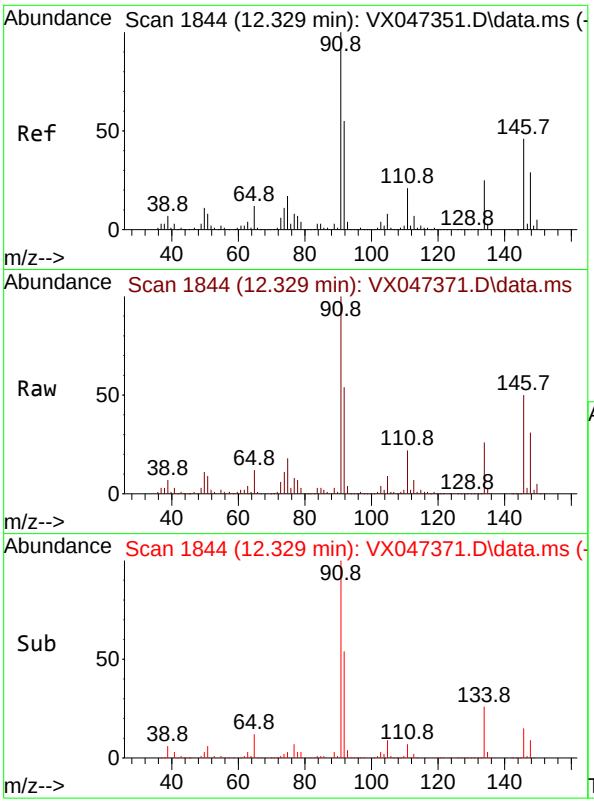


#88
1,4-Dichlorobenzene
Concen: 45.783 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion:146 Resp: 326917

Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.4	61.2
148	63.3	31.7	95.1



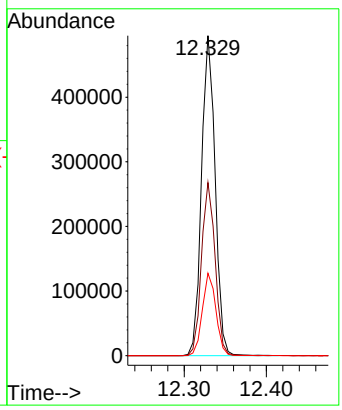


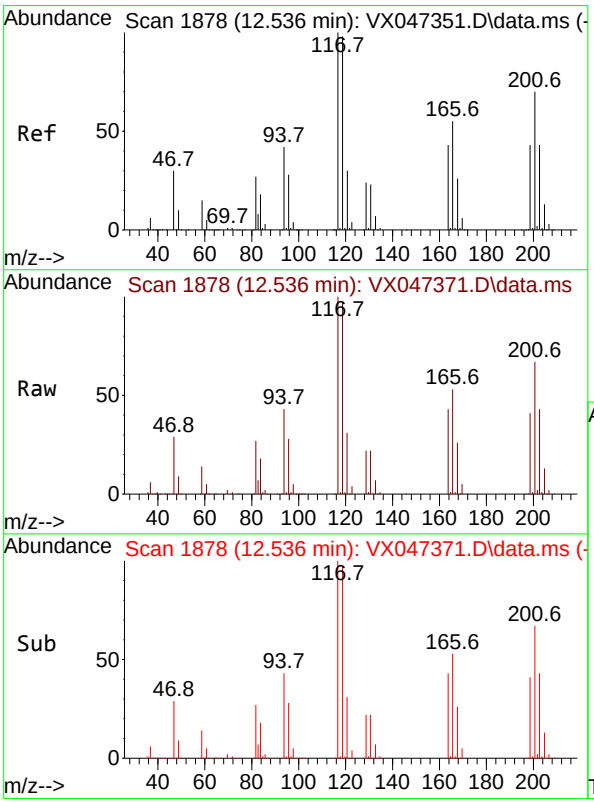
#89
n-Butylbenzene
Concen: 47.792 ug/l
RT: 12.329 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 569584

Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.2	81.5
134	25.7	12.6	37.8

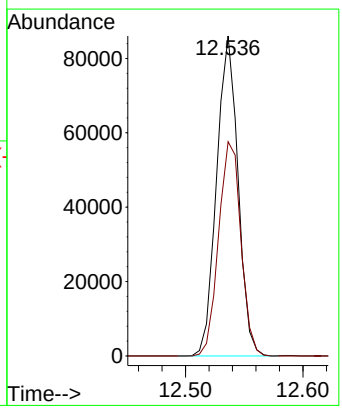


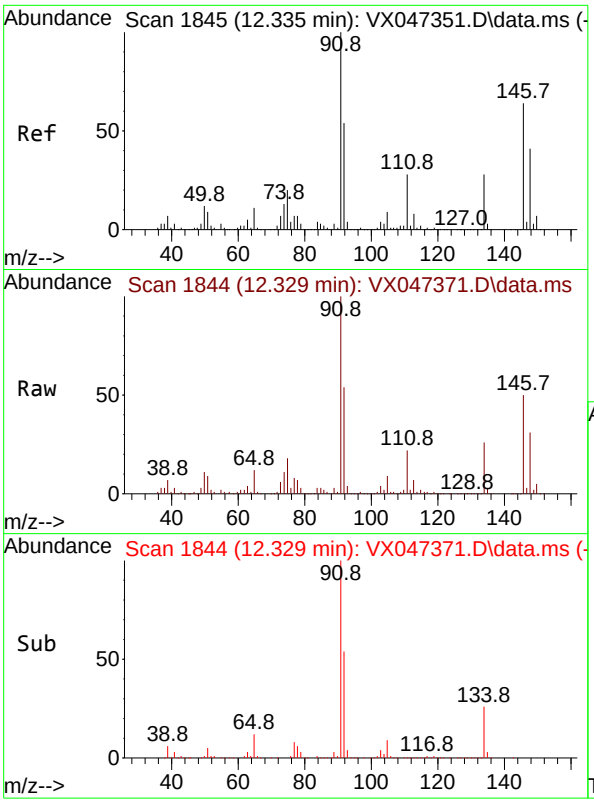


#90
Hexachloroethane
Concen: 48.462 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion:117 Resp: 108936

Ion	Ratio	Lower	Upper
117	100		
201	69.8	35.1	105.3



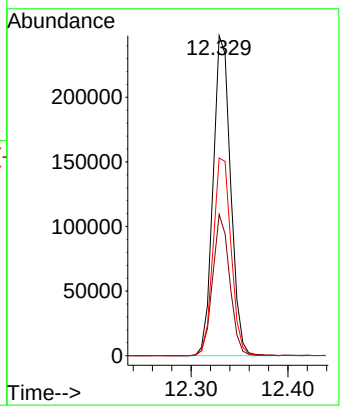


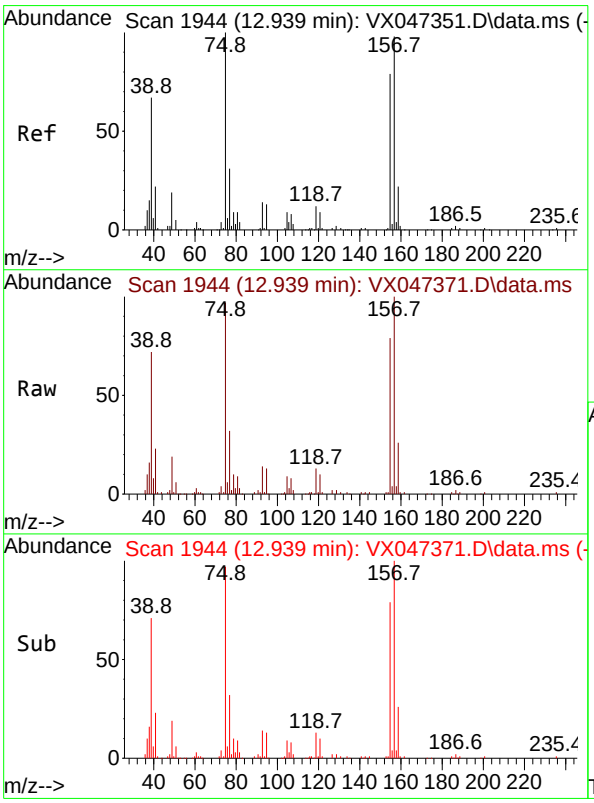
#91
1,2-Dichlorobenzene
Concen: 47.206 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 311081

Ion	Ratio	Lower	Upper
146	100		
111	43.0	22.1	66.1
148	63.6	31.9	95.5

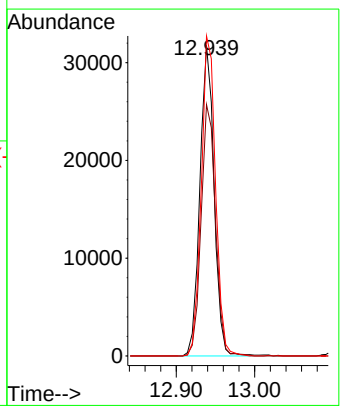


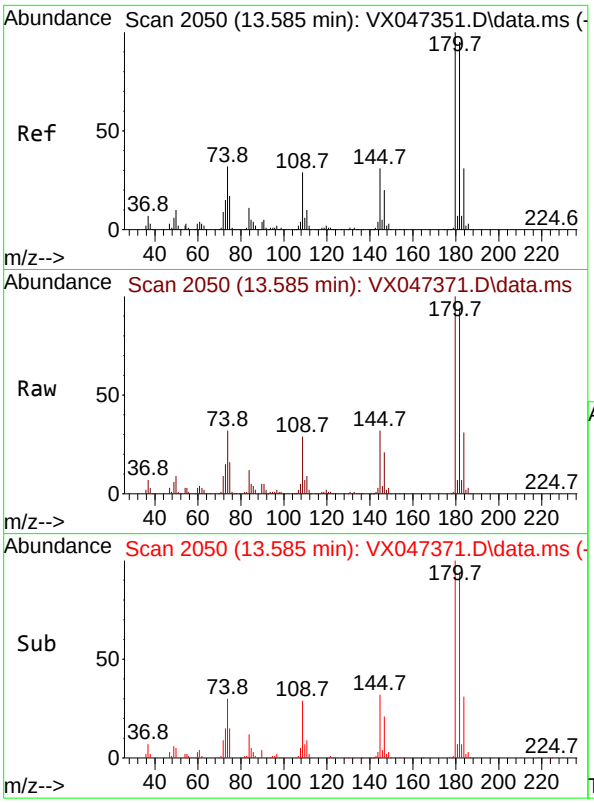


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.241 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 75 Resp: 39921

Ion	Ratio	Lower	Upper
75	100		
155	82.1	41.3	123.7
157	103.5	51.5	154.5



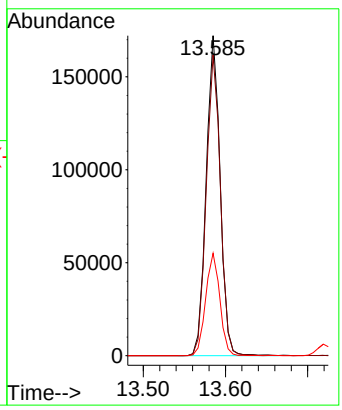


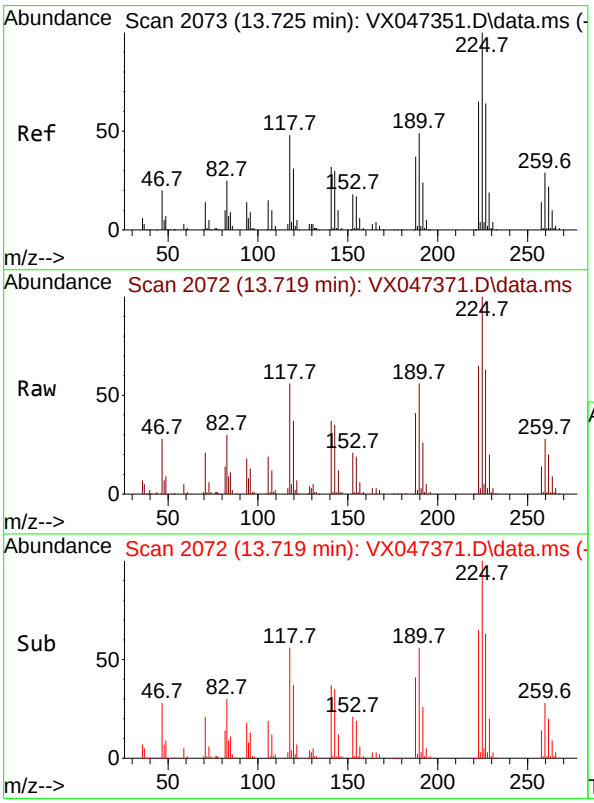
#93
1,2,4-Trichlorobenzene
Concen: 45.933 ug/l
RT: 13.585 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 202922

Ion	Ratio	Lower	Upper
180	100		
182	95.0	48.1	144.4
145	32.5	16.2	48.5

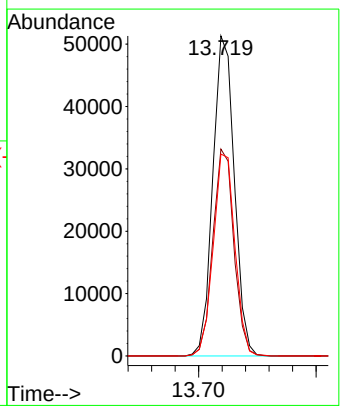


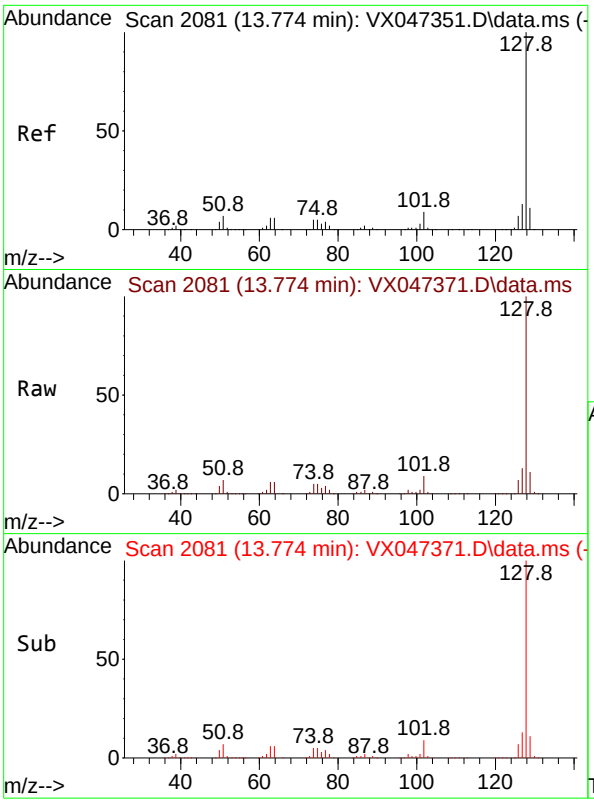


#94
Hexachlorobutadiene
Concen: 41.446 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion:225 Resp: 65173

Ion	Ratio	Lower	Upper
225	100		
223	63.4	32.2	96.6
227	63.8	31.6	95.0



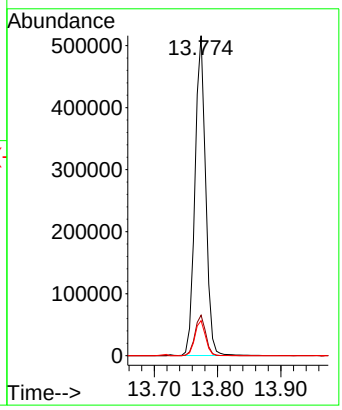


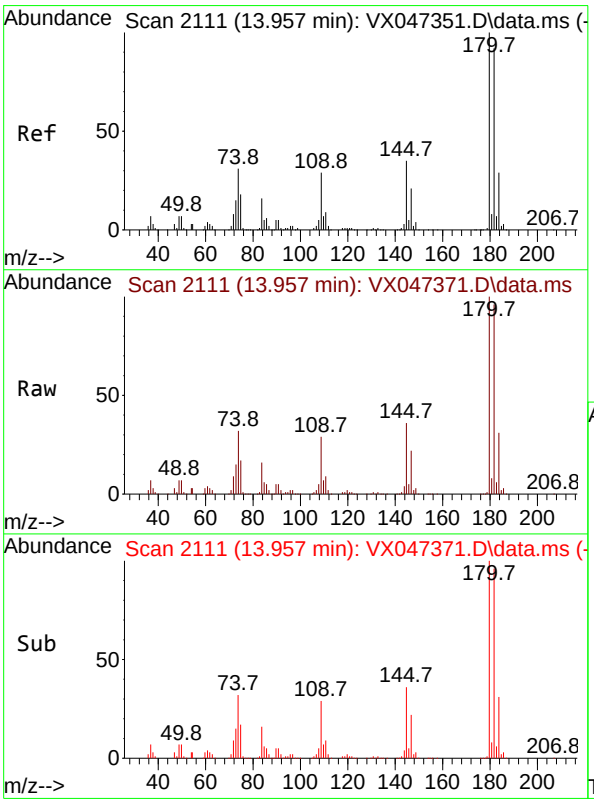
#95
Naphthalene
Concen: 47.948 ug/l
RT: 13.774 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 605337

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.1	15.1
129	11.0	8.7	13.1

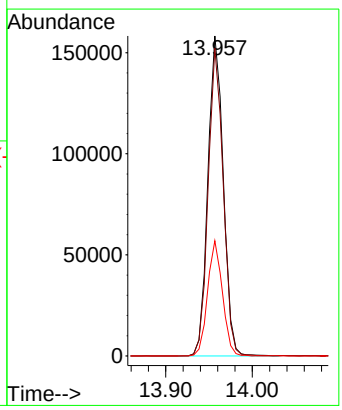




#96
1,2,3-Trichlorobenzene
Concen: 47.001 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion:180 Resp: 195721

Ion	Ratio	Lower	Upper
180	100		
182	93.9	48.0	144.2
145	34.7	17.4	52.2



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
Data File : VX047374.D
Acq On : 18 Aug 2025 12:17
Operator : JC/MD
Sample : VX0818WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

Quant Time: Aug 19 01:38:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	256302	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	426348	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	389002	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	197596	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	178254	49.694	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 99.380%			
35) Dibromofluoromethane	5.391	113	142113	51.359	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.720%			
50) Toluene-d8	8.647	98	501625	50.720	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.440%			
62) 4-Bromofluorobenzene	11.079	95	190251	52.129	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.260%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	67016	20.511	ug/l	99
3) Chloromethane	1.313	50	66512	22.629	ug/l	96
4) Vinyl Chloride	1.392	62	70527	19.117	ug/l #	34
5) Bromomethane	1.630	94	20713	13.900	ug/l	91
6) Chloroethane	1.703	64	60368	26.745	ug/l	96
7) Trichlorofluoromethane	1.904	101	107298	19.663	ug/l	99
8) Diethyl Ether	2.148	74	36957	19.234	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.349	101	64346	20.328	ug/l	98
10) Methyl Iodide	2.471	142	82052	15.126	ug/l	97
11) Tert butyl alcohol	2.959	59	31857	102.089	ug/l	98
12) 1,1-Dichloroethene	2.337	96	64232	19.904	ug/l	95
13) Acrolein	2.245	56	613	0.931	ug/l #	33
14) Allyl chloride	2.678	41	91338	16.296	ug/l	96
15) Acrylonitrile	3.075	53	148399	98.415	ug/l	98
16) Acetone	2.386	43	131812	97.762	ug/l	98
17) Carbon Disulfide	2.532	76	205259	21.078	ug/l	99
18) Methyl Acetate	2.715	43	70302	20.121	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	187203	19.069	ug/l	97
20) Methylene Chloride	2.806	84	68704	19.243	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	65926	19.248	ug/l	96
22) Diisopropyl ether	3.770	45	221531	19.995	ug/l	92
23) Vinyl Acetate	3.733	43	885489	97.510	ug/l	98
24) 1,1-Dichloroethane	3.623	63	121482	19.399	ug/l	99
25) 2-Butanone	4.568	43	175245	99.242	ug/l	97
26) 2,2-Dichloropropane	4.483	77	87410	18.494	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	76181	19.096	ug/l	100
28) Bromochloromethane	4.910	49	50307	19.305	ug/l	98
29) Tetrahydrofuran	5.025	42	110222	96.574	ug/l	97
30) Chloroform	5.099	83	127625	19.969	ug/l	100
31) Cyclohexane	5.483	56	114604	19.853	ug/l	93
32) 1,1,1-Trichloroethane	5.397	97	108545	19.732	ug/l	98
36) 1,1-Dichloropropene	5.702	75	88168	20.185	ug/l	99
37) Ethyl Acetate	4.727	43	84412	18.615	ug/l	99
38) Carbon Tetrachloride	5.684	117	97536	20.434	ug/l	96
39) Methylcyclohexane	7.385	83	108722	19.955	ug/l	96
40) Benzene	6.044	78	262740	20.096	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
Data File : VX047374.D
Acq On : 18 Aug 2025 12:17
Operator : JC/MD
Sample : VX0818WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

Quant Time: Aug 19 01:38:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.934	41	37848	19.793	ug/l		98
42) 1,2-Dichloroethane	6.092	62	95188	20.554	ug/l		100
43) Isopropyl Acetate	6.342	43	127724	19.606	ug/l		99
44) Trichloroethene	7.129	130	66400	19.835	ug/l		99
45) 1,2-Dichloropropane	7.434	63	64842	19.797	ug/l		96
46) Dibromomethane	7.586	93	47290	19.887	ug/l		99
47) Bromodichloromethane	7.824	83	100235	20.333	ug/l		99
48) Methyl methacrylate	7.696	41	65407	19.343	ug/l		99
49) 1,4-Dioxane	7.690	88	11672	355.080	ug/l		95
51) 4-Methyl-2-Pentanone	8.574	43	384202	102.487	ug/l		98
52) Toluene	8.720	92	165801	20.523	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	84674	19.681	ug/l		97
54) cis-1,3-Dichloropropene	8.366	75	95068	19.522	ug/l		99
55) 1,1,2-Trichloroethane	9.153	97	62518	20.382	ug/l		99
56) Ethyl methacrylate	9.116	69	88182	19.499	ug/l		98
57) 1,3-Dichloropropane	9.305	76	105761	20.234	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.244	63	182812	90.181	ug/l		98
59) 2-Hexanone	9.433	43	260233	100.356	ug/l		99
60) Dibromochloromethane	9.519	129	74313	20.386	ug/l		100
61) 1,2-Dibromoethane	9.610	107	62983	19.912	ug/l		97
64) Tetrachloroethene	9.275	164	56403	20.046	ug/l		94
65) Chlorobenzene	10.079	112	182846	19.780	ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.159	131	61571	19.703	ug/l		99
67) Ethyl Benzene	10.189	91	317013	19.925	ug/l		98
68) m/p-Xylenes	10.299	106	241301	40.673	ug/l		99
69) o-Xylene	10.640	106	114422	20.042	ug/l		99
70) Styrene	10.652	104	194838	20.197	ug/l		99
71) Bromoform	10.799	173	47781	20.353	ug/l	#	98
73) Isopropylbenzene	10.957	105	305580	19.762	ug/l		100
74) N-amyl acetate	10.841	43	113146	19.269	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	87881	19.357	ug/l		98
76) 1,2,3-Trichloropropane	11.238	75	77206	21.303	ug/l		90
77) Bromobenzene	11.195	156	74393	19.702	ug/l		98
78) n-propylbenzene	11.305	91	367285	19.888	ug/l		100
79) 2-Chlorotoluene	11.360	91	218232	19.548	ug/l		98
80) 1,3,5-Trimethylbenzene	11.451	105	250724	19.707	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	6799	14.737	ug/l		98
82) 4-Chlorotoluene	11.451	91	256557	19.496	ug/l		100
83) tert-Butylbenzene	11.713	119	254465	20.048	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	256880	20.190	ug/l		98
85) sec-Butylbenzene	11.890	105	317850	20.203	ug/l		100
86) p-Isopropyltoluene	12.006	119	266082	19.987	ug/l		99
87) 1,3-Dichlorobenzene	11.963	146	140744	19.511	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	141033	19.010	ug/l		99
89) n-Butylbenzene	12.329	91	245865	19.856	ug/l		99
90) Hexachloroethane	12.536	117	43179	18.488	ug/l		97
91) 1,2-Dichlorobenzene	12.335	146	132017	19.282	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	16513	18.808	ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	87089	18.974	ug/l		99
94) Hexachlorobutadiene	13.719	225	29173	17.856	ug/l		99
95) Naphthalene	13.774	128	252094	19.219	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	82149	18.987	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
Data File : VX047374.D
Acq On : 18 Aug 2025 12:17
Operator : JC/MD
Sample : VX0818WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

Quant Time: Aug 19 01:38:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

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

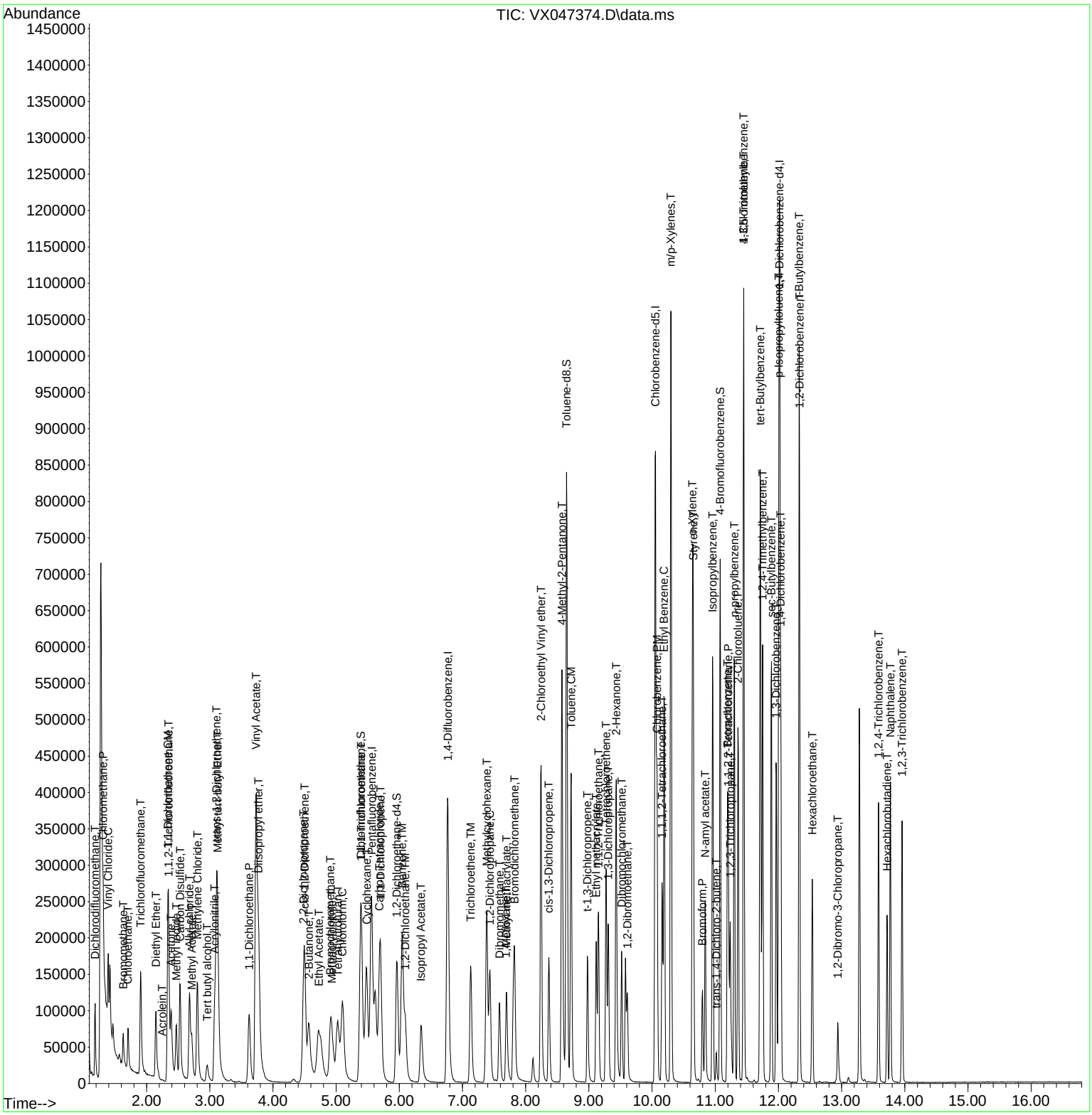
(#) = qualifier out of range (m) = manual integration (+) = signals summed

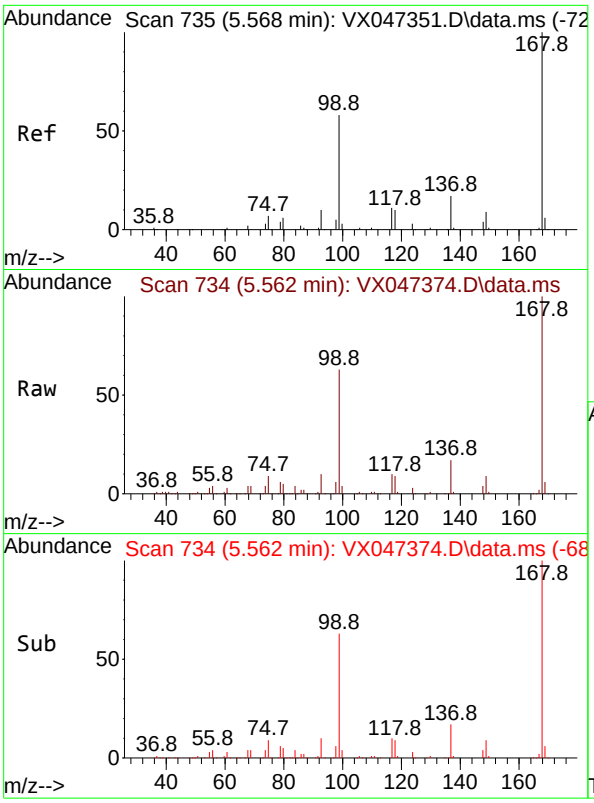
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
Data File : VX047374.D
Acq On : 18 Aug 2025 12:17
Operator : JC/MD
Sample : VX0818WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

Quant Time: Aug 19 01:38:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration



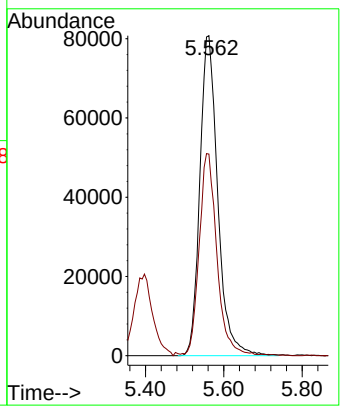


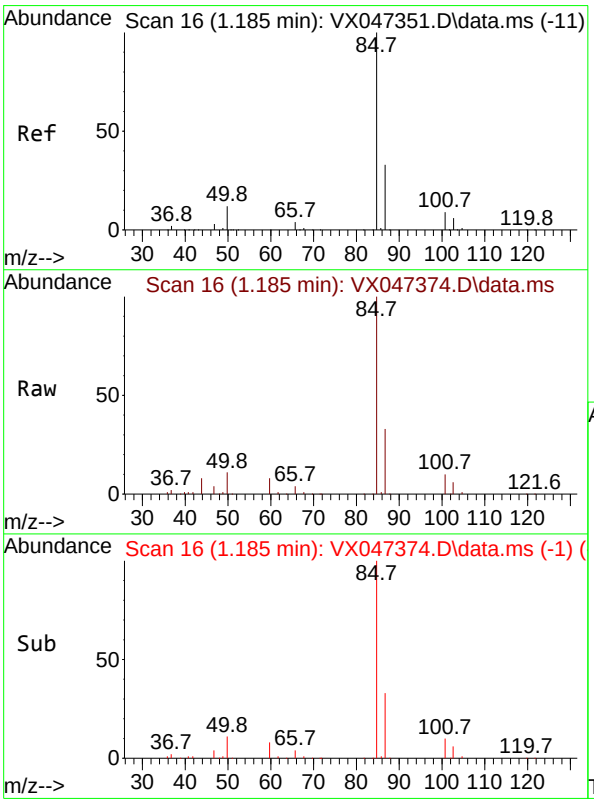
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

Tgt Ion:168 Resp: 256302

Ion	Ratio	Lower	Upper
168	100		
99	62.8	47.9	71.9

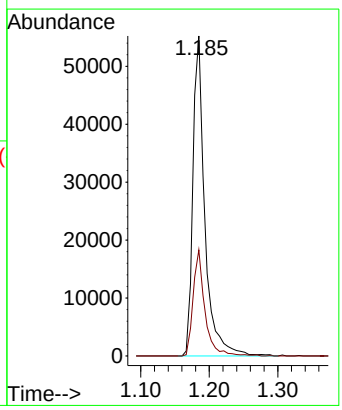


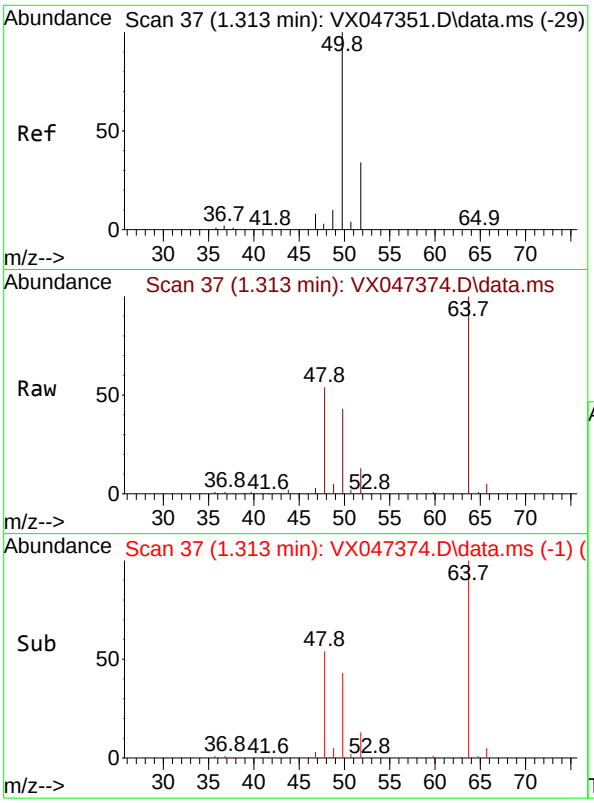


#2
Dichlorodifluoromethane
Concen: 20.511 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 85 Resp: 67016

Ion	Ratio	Lower	Upper
85	100		
87	33.1	16.4	49.1



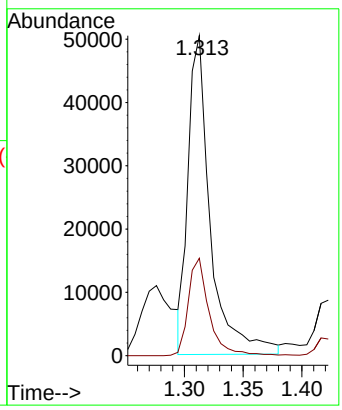


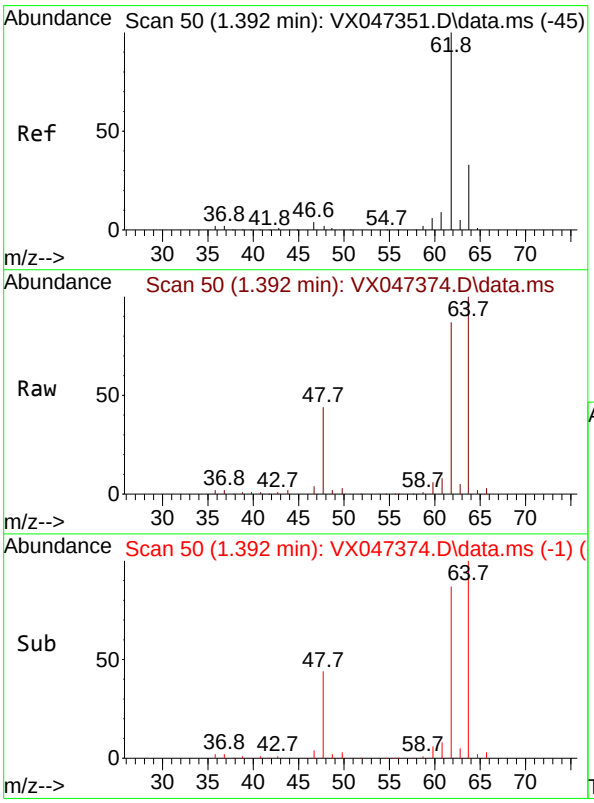
#3
Chloromethane
Concen: 22.629 ug/l
RT: 1.313 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

Tgt Ion: 50 Resp: 66512

Ion	Ratio	Lower	Upper
50	100		
52	31.3	27.0	40.4

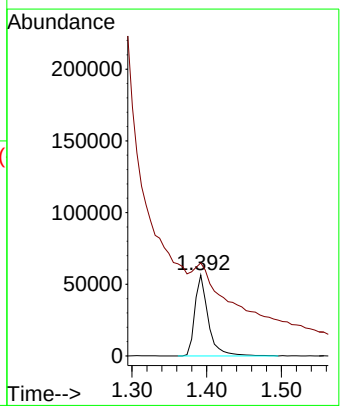


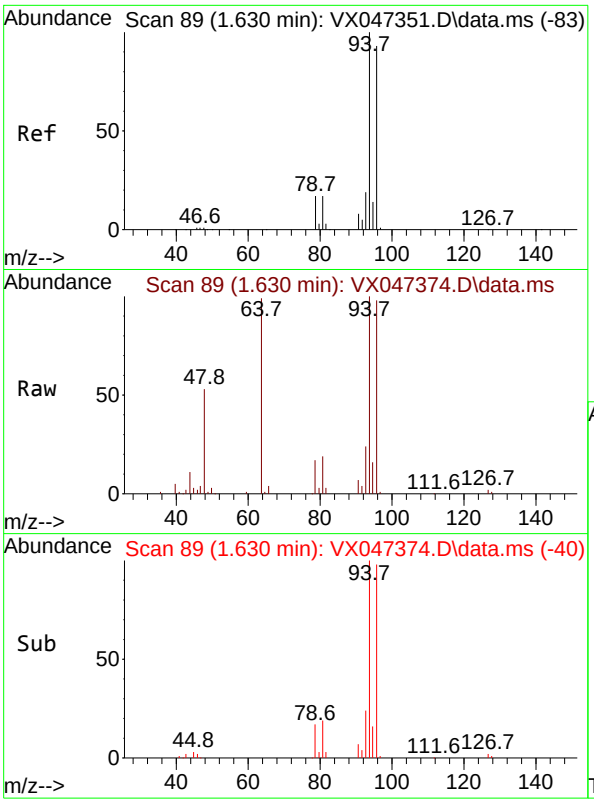


#4
Vinyl Chloride
Concen: 19.117 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 62 Resp: 70527

Ion	Ratio	Lower	Upper
62	100		
64	70.4	26.5	39.7#



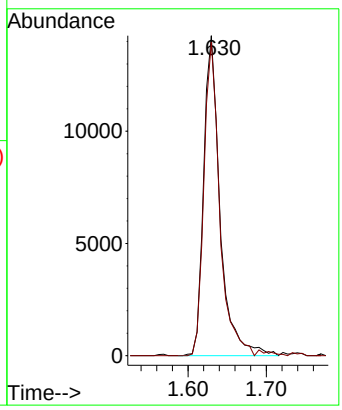


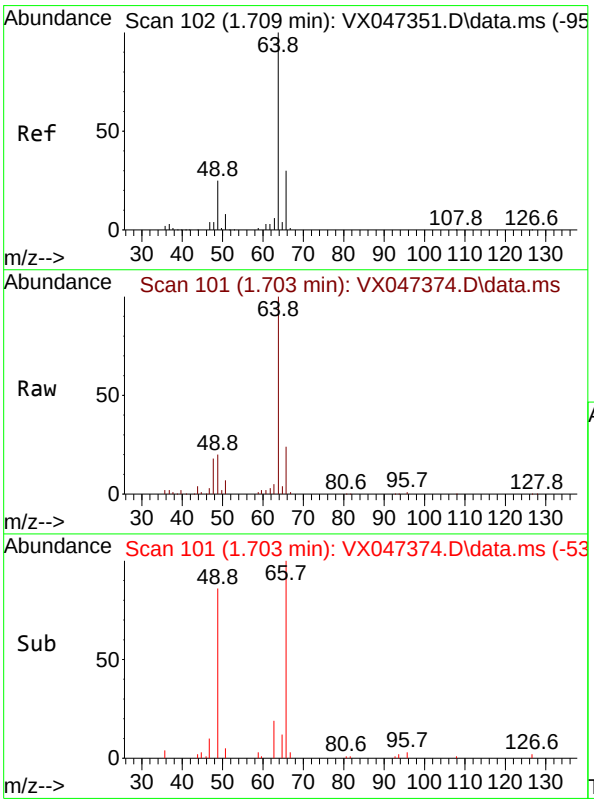
#5
Bromomethane
Concen: 13.900 ug/l
RT: 1.630 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

Tgt Ion: 94 Resp: 20713

Ion	Ratio	Lower	Upper
94	100		
96	84.5	74.7	112.1

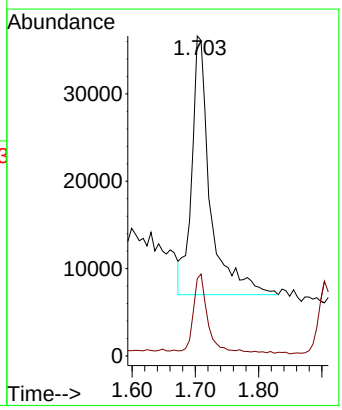


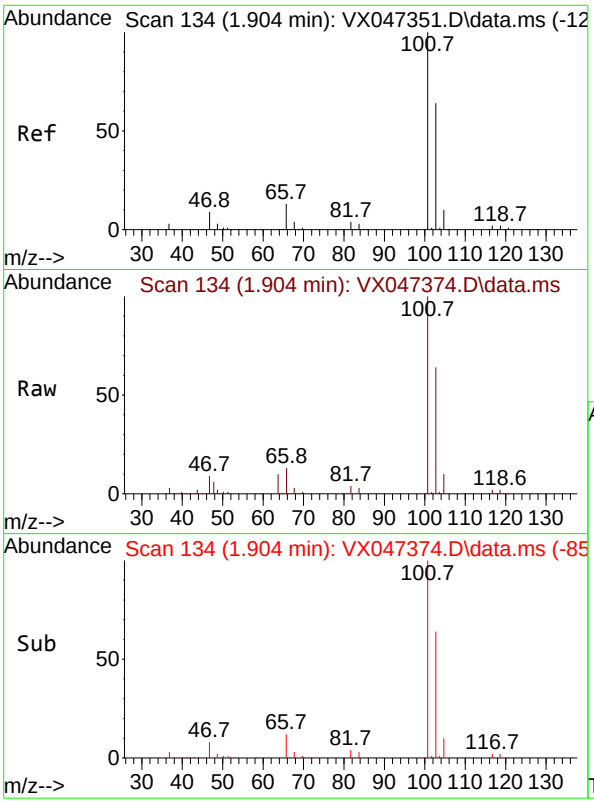


#6
Chloroethane
Concen: 26.745 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.006 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 64 Resp: 60368

Ion	Ratio	Lower	Upper
64	100		
66	28.4	24.4	36.6



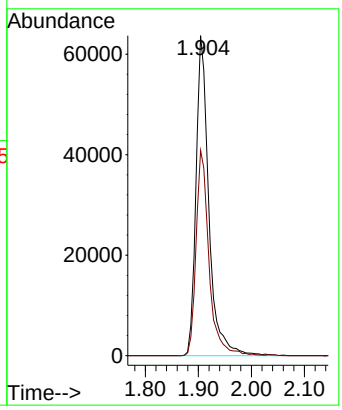


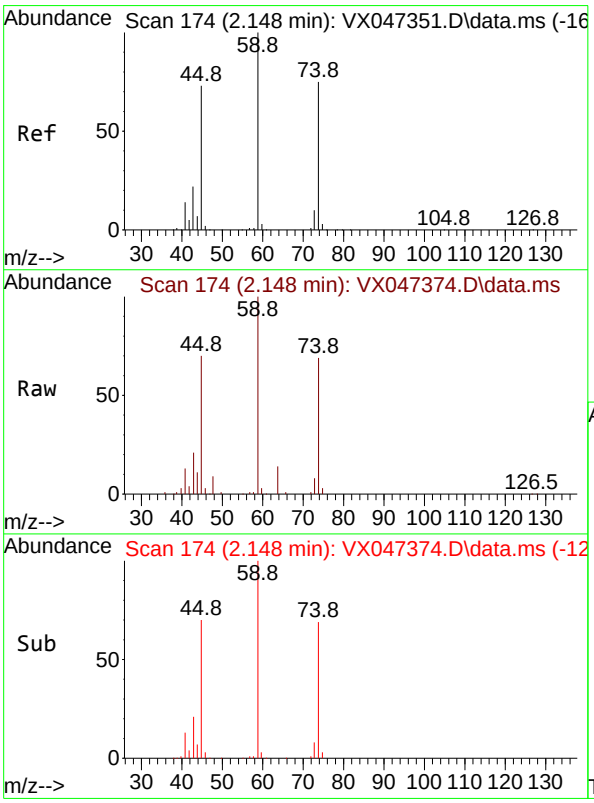
#7
Trichlorofluoromethane
Concen: 19.663 ug/l
RT: 1.904 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

Tgt Ion:101 Resp: 107298

Ion	Ratio	Lower	Upper
101	100		
103	64.2	50.9	76.3

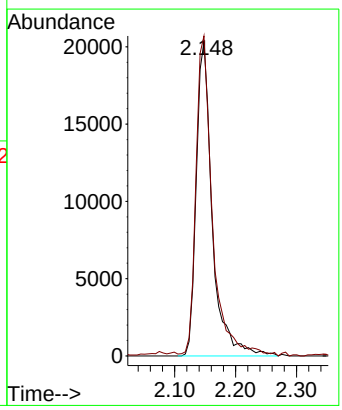


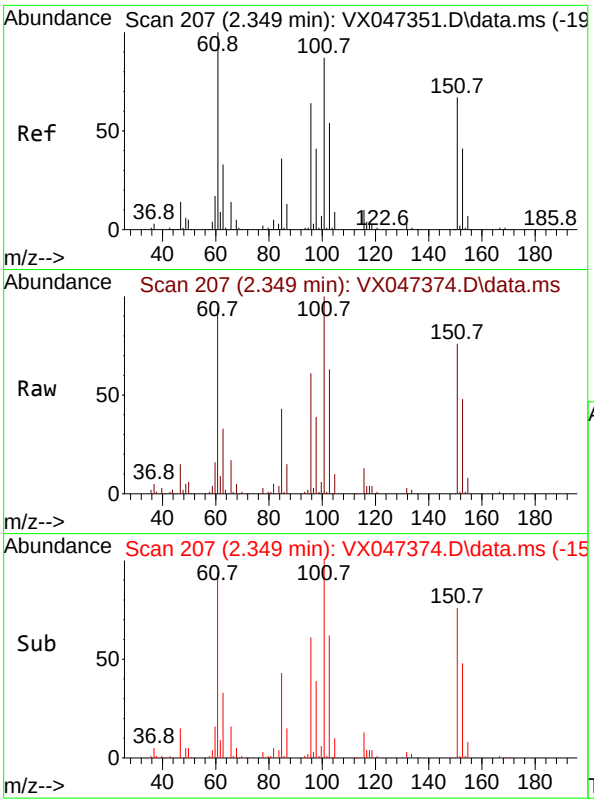


#8
Diethyl Ether
Concen: 19.234 ug/l
RT: 2.148 min Scan# 174
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 74 Resp: 36957

Ion	Ratio	Lower	Upper
74	100		
45	105.3	51.3	154.0



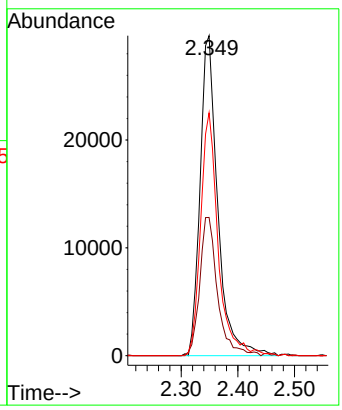


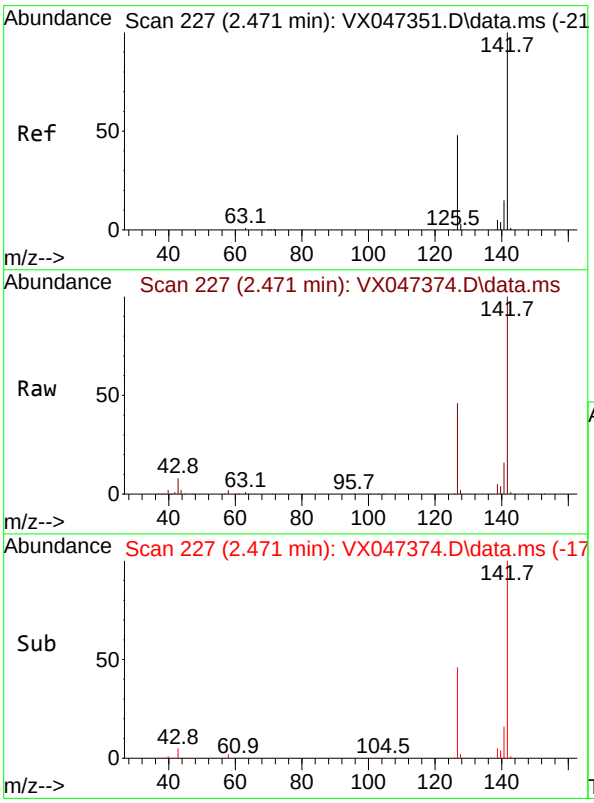
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.328 ug/l
RT: 2.349 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

Tgt Ion:101 Resp: 64346

Ion	Ratio	Lower	Upper
101	100		
85	43.6	34.3	51.5
151	75.5	59.2	88.8

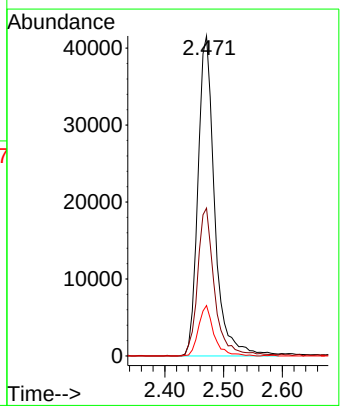


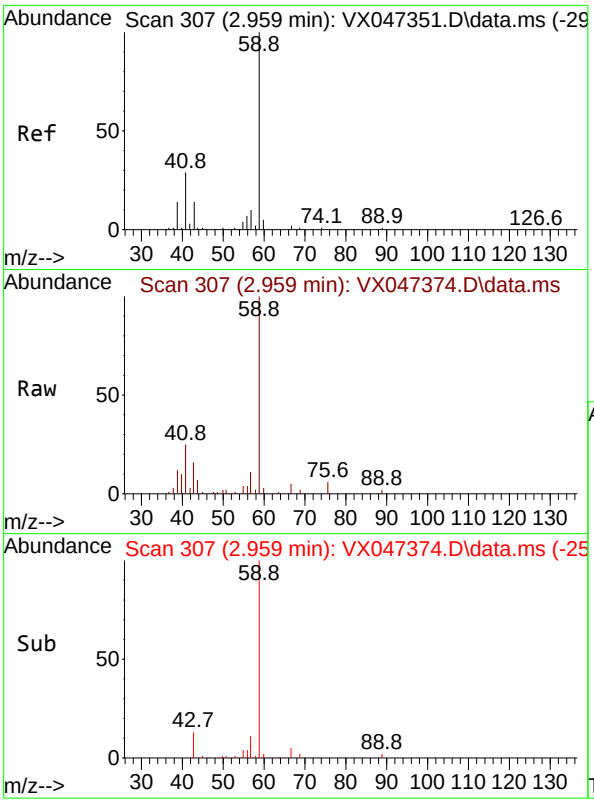


#10
Methyl Iodide
Concen: 15.126 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion:142 Resp: 82052

Ion	Ratio	Lower	Upper
142	100		
127	47.0	36.1	54.1
141	14.5	11.1	16.7



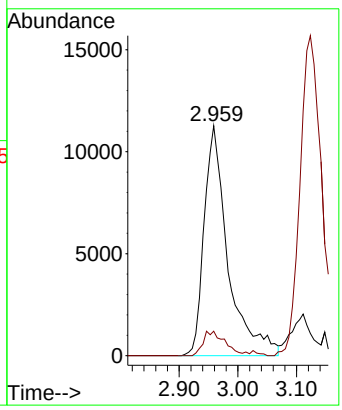


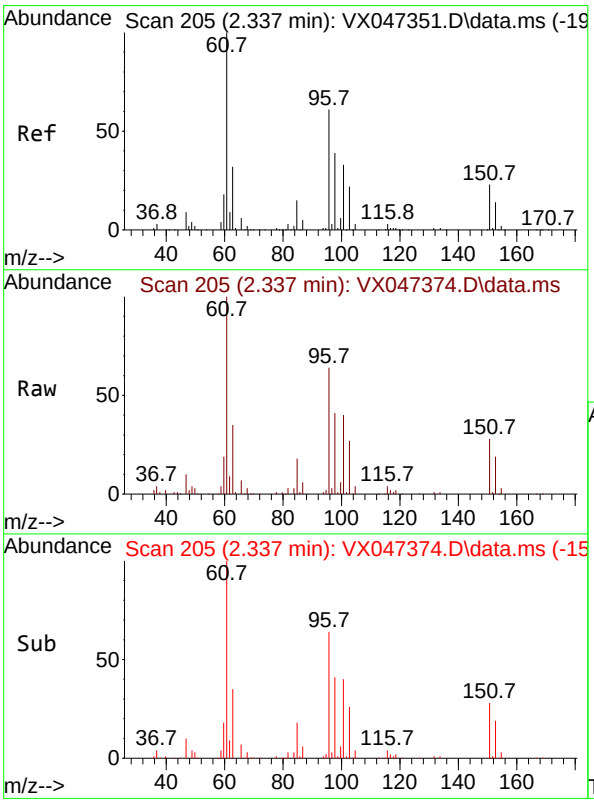
#11
Tert butyl alcohol
Concen: 102.089 ug/l
RT: 2.959 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

Tgt Ion: 59 Resp: 31857

Ion	Ratio	Lower	Upper
59	100		
57	9.6	8.3	12.5

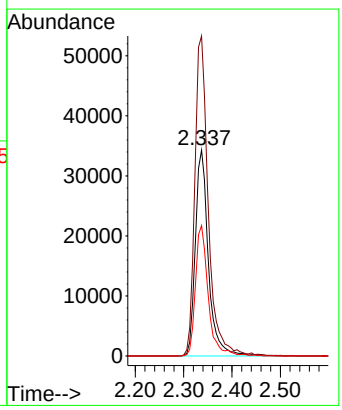


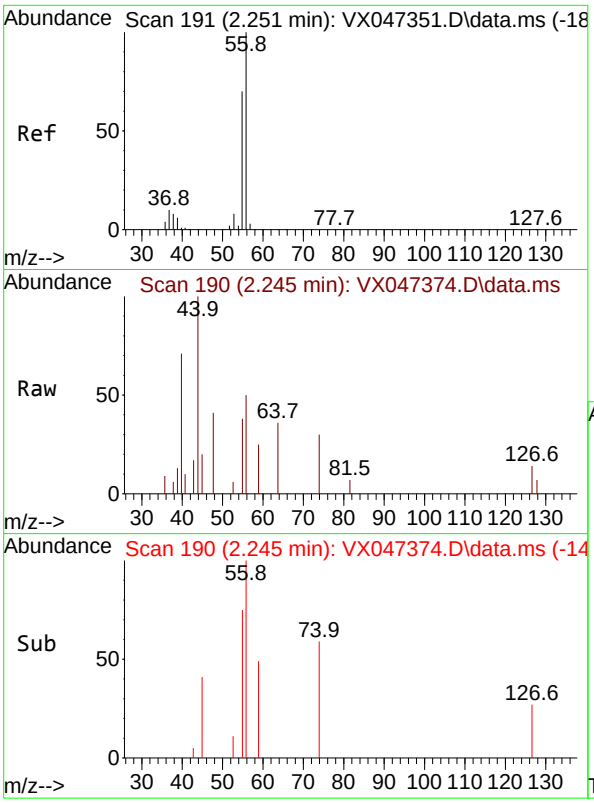


#12
1,1-Dichloroethene
Concen: 19.904 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 96 Resp: 64232

Ion	Ratio	Lower	Upper
96	100		
61	155.4	132.2	198.2
98	63.3	51.2	76.8



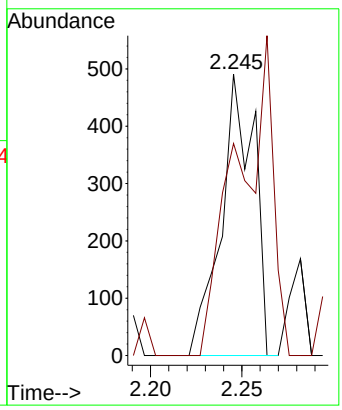


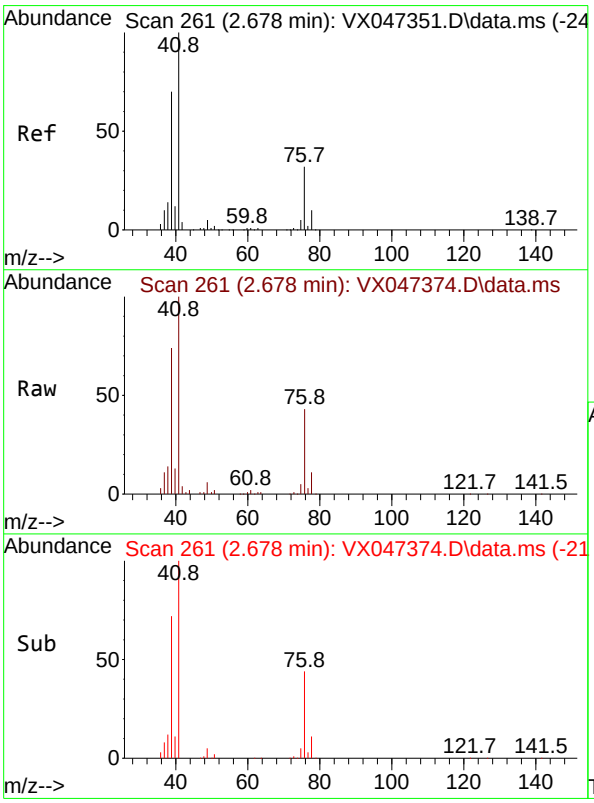
#13
Acrolein
Concen: 0.931 ug/l
RT: 2.245 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

Tgt Ion: 56 Resp: 613

Ion	Ratio	Lower	Upper
56	100		
55	124.0	55.5	83.3#

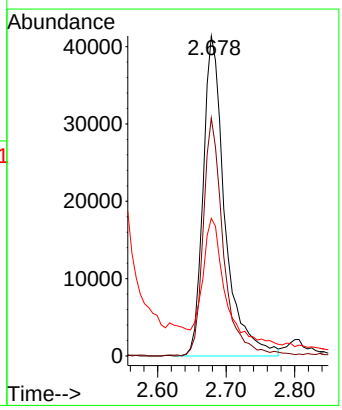


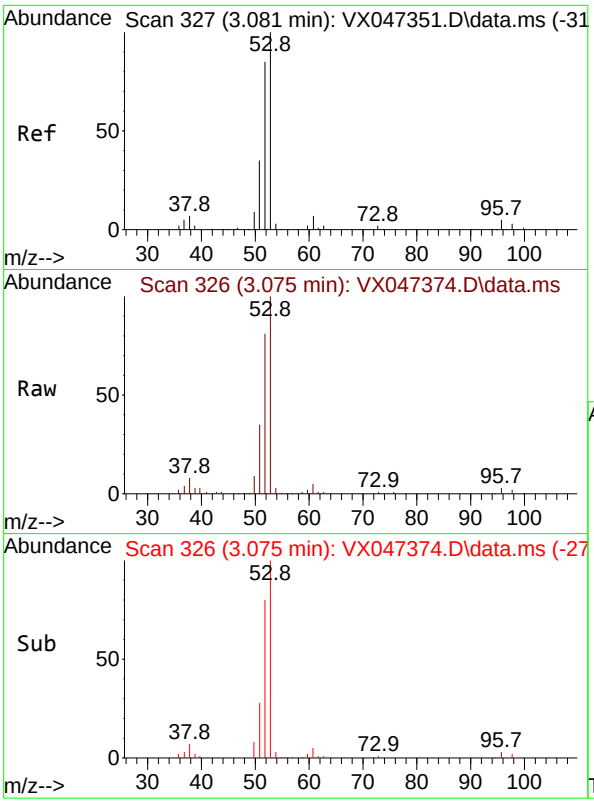


#14
Allyl chloride
Concen: 16.296 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 41 Resp: 91338

Ion	Ratio	Lower	Upper
41	100		
39	69.1	54.6	81.8
76	40.2	27.6	41.4



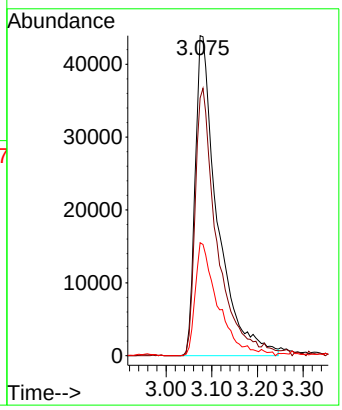


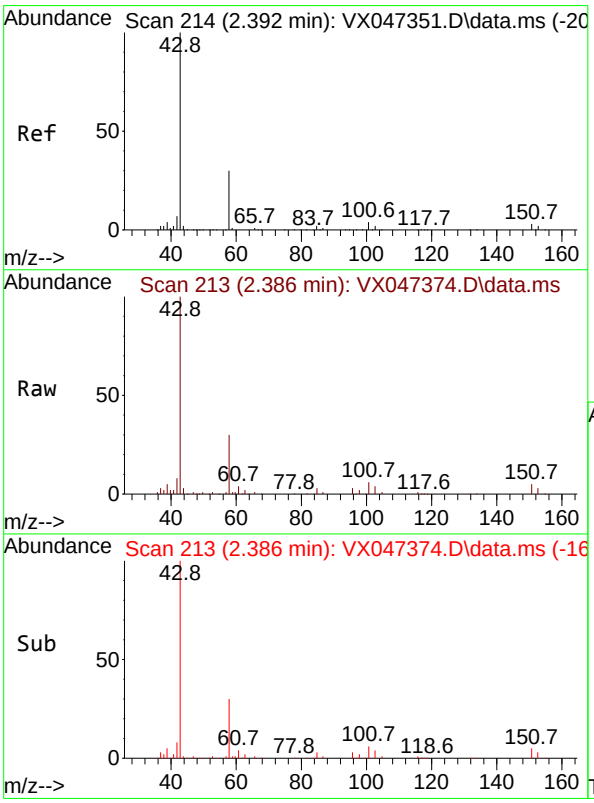
#15
Acrylonitrile
Concen: 98.415 ug/l
RT: 3.075 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

Tgt Ion: 53 Resp: 148399

Ion	Ratio	Lower	Upper
53	100		
52	80.2	65.8	98.6
51	35.6	28.2	42.2

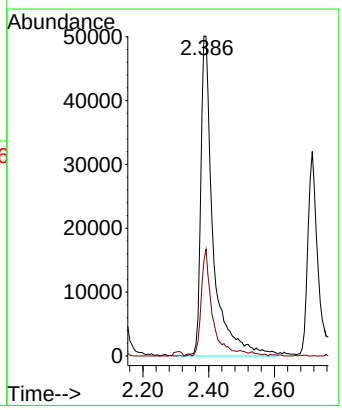


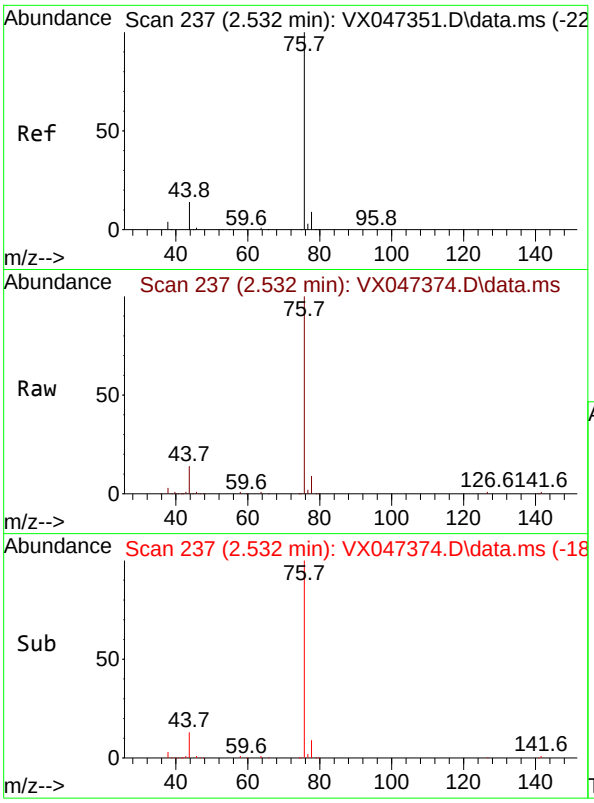


#16
Acetone
Concen: 97.762 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 43 Resp: 131812

Ion	Ratio	Lower	Upper
43	100		
58	30.0	24.8	37.2



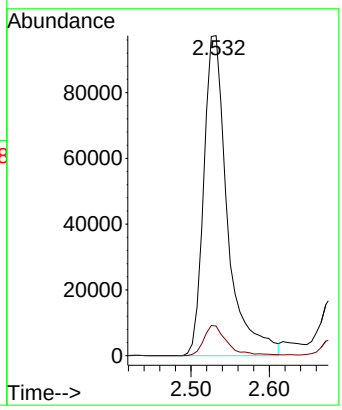


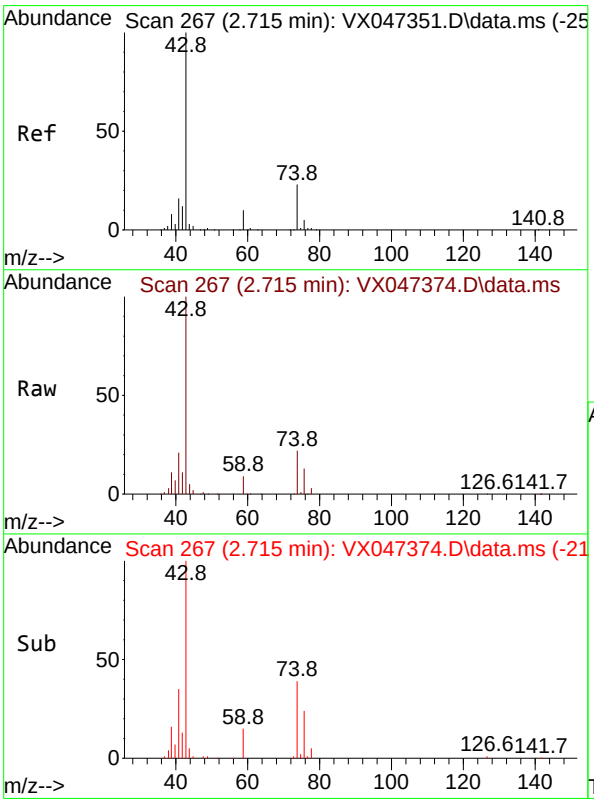
#17
Carbon Disulfide
Concen: 21.078 ug/l
RT: 2.532 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

Tgt Ion: 76 Resp: 205259

Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.2	10.8

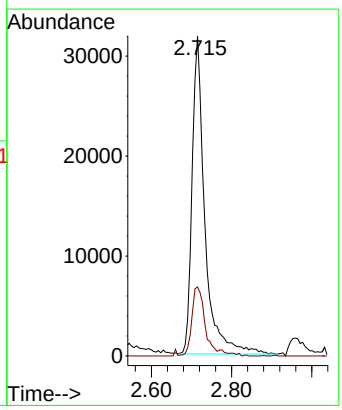


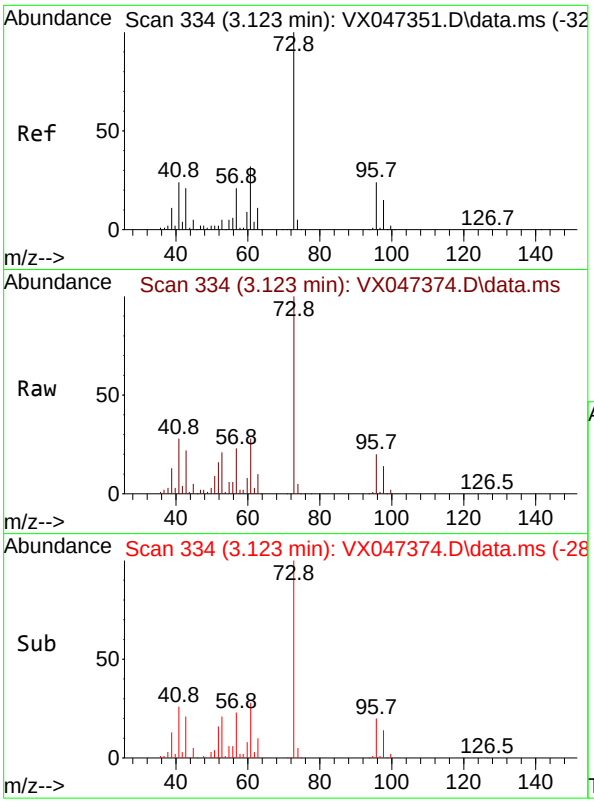


#18
Methyl Acetate
Concen: 20.121 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 43 Resp: 70302

Ion	Ratio	Lower	Upper
43	100		
74	23.0	18.4	27.6



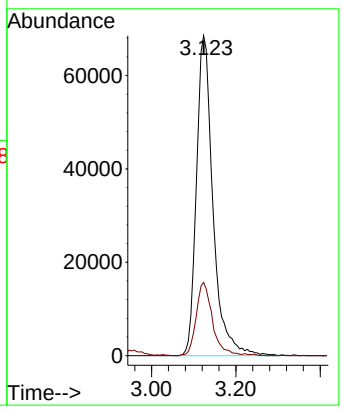


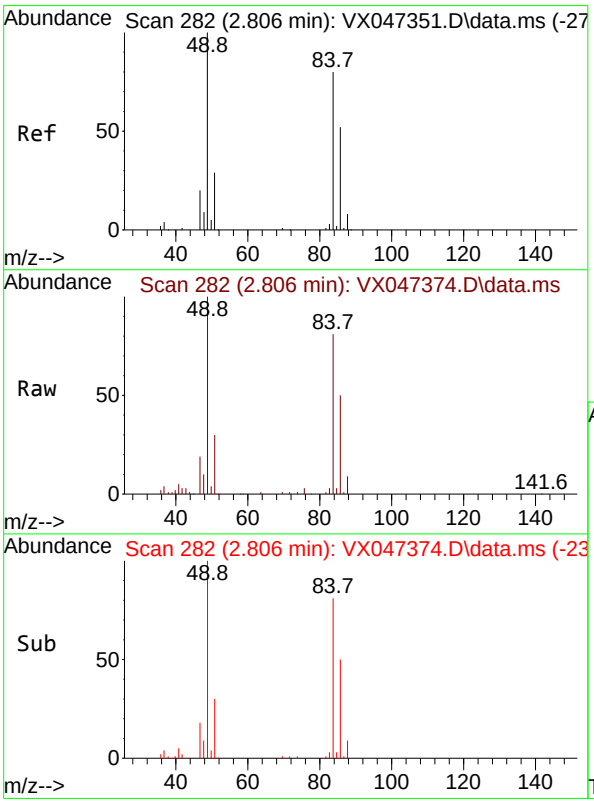
#19
Methyl tert-butyl Ether
Concen: 19.069 ug/l
RT: 3.123 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

Tgt Ion: 73 Resp: 187203

Ion	Ratio	Lower	Upper
73	100		
57	22.9	17.0	25.6

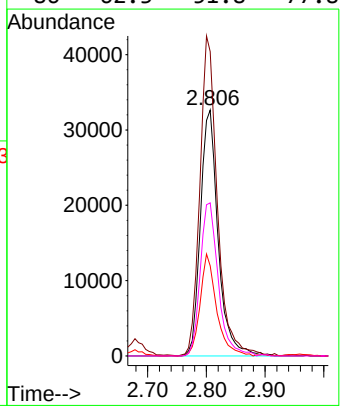


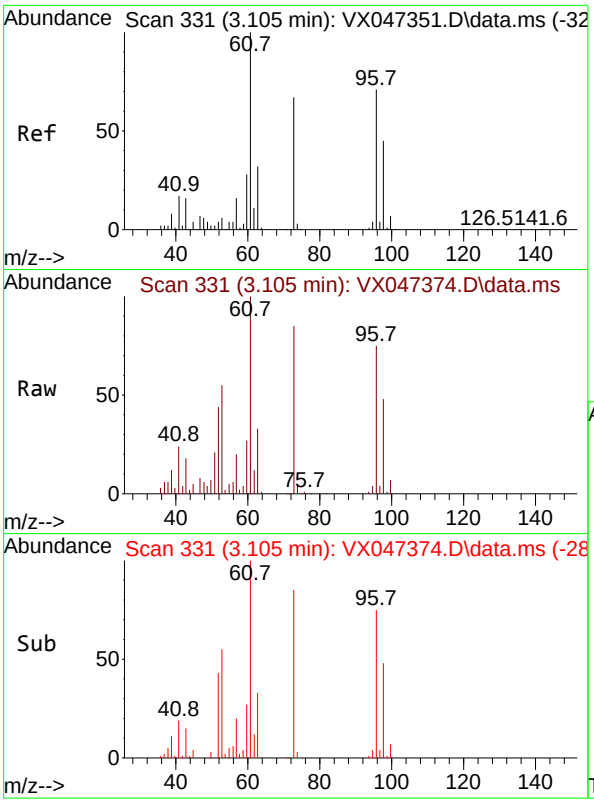


#20
Methylene Chloride
Concen: 19.243 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 84 Resp: 68704

Ion	Ratio	Lower	Upper
84	100		
49	123.8	100.1	150.1
51	36.7	29.5	44.3
86	62.3	51.8	77.8



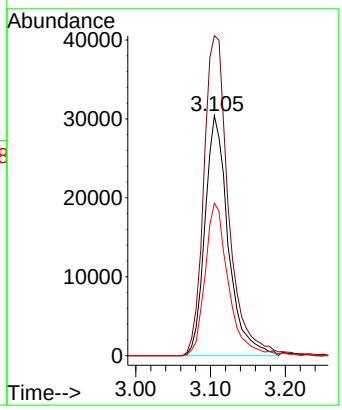


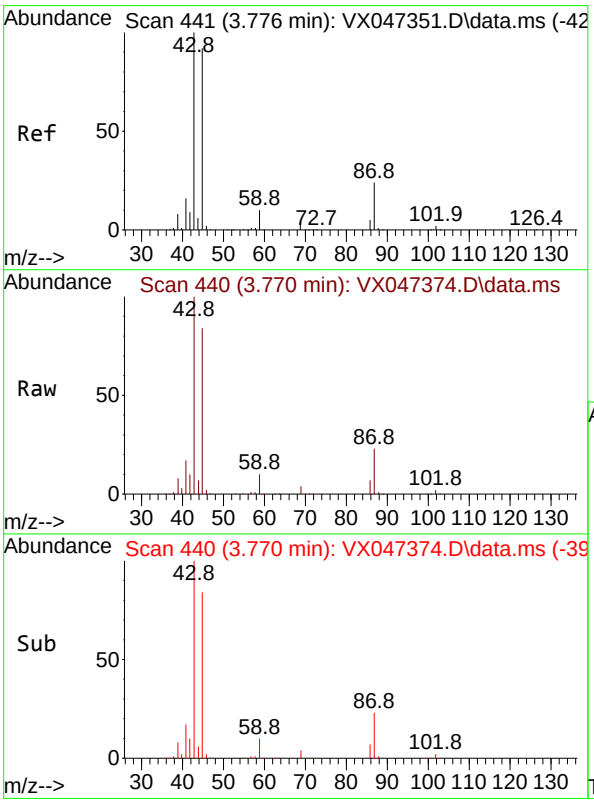
#21
trans-1,2-Dichloroethene
Concen: 19.248 ug/l
RT: 3.105 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

Tgt Ion: 96 Resp: 65926

Ion	Ratio	Lower	Upper
96	100		
61	133.3	112.6	169.0
98	63.5	50.9	76.3

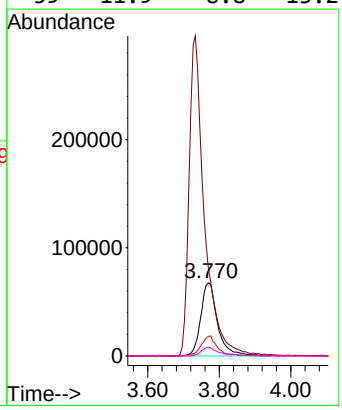


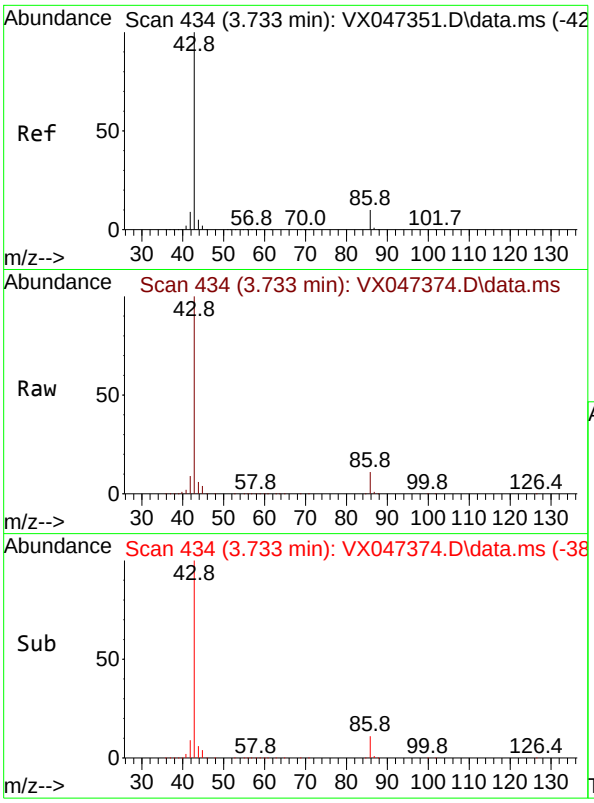


#22
Diisopropyl ether
Concen: 19.995 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.006 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 45 Resp: 221531

Ion	Ratio	Lower	Upper
45	100		
43	118.8	86.8	130.2
87	27.0	20.4	30.6
59	11.9	8.8	13.2



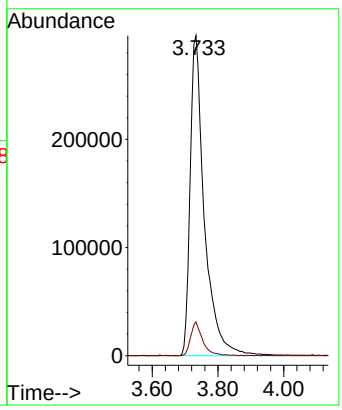


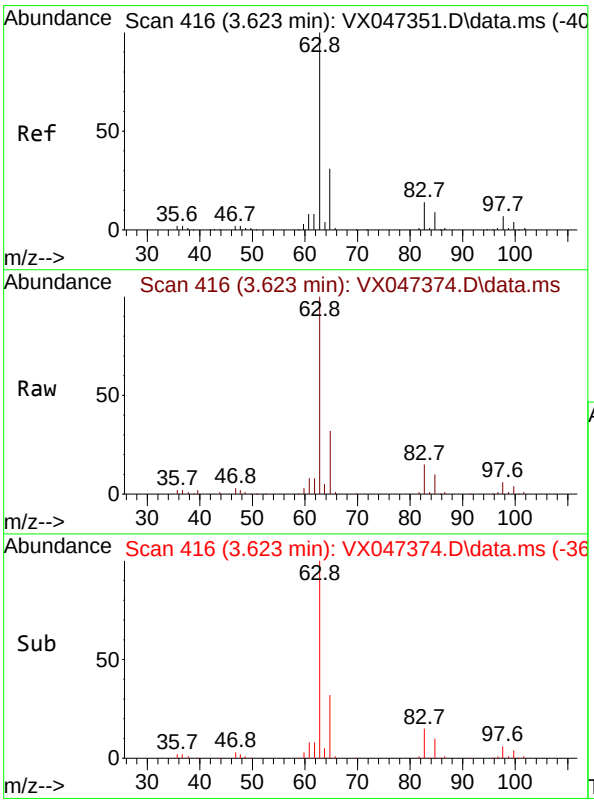
#23
Vinyl Acetate
Concen: 97.510 ug/l
RT: 3.733 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

Tgt Ion: 43 Resp: 885489

Ion	Ratio	Lower	Upper
43	100		
86	10.6	7.9	11.9

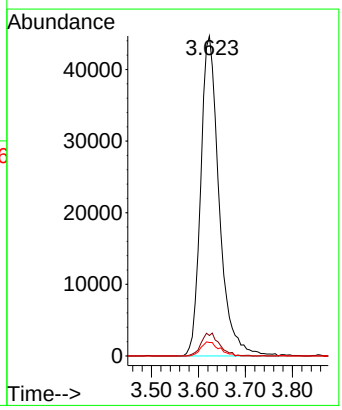


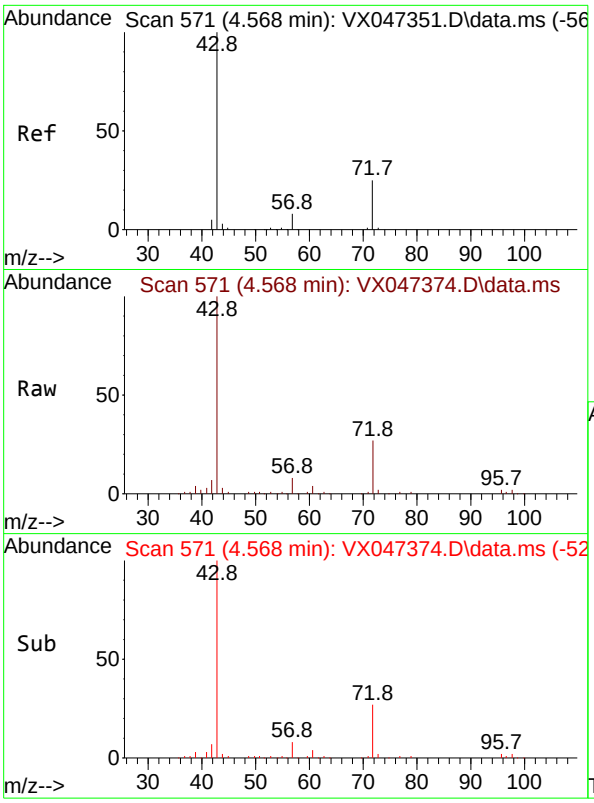


#24
1,1-Dichloroethane
Concen: 19.399 ug/l
RT: 3.623 min Scan# 416
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 63 Resp: 121482

Ion	Ratio	Lower	Upper
63	100		
98	6.4	3.3	9.9
100	4.3	2.1	6.3



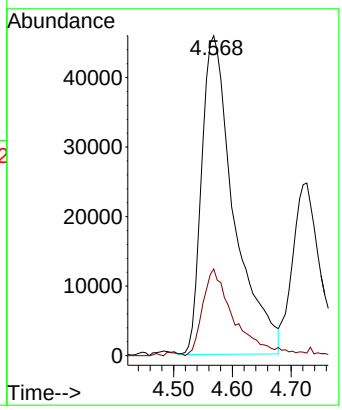


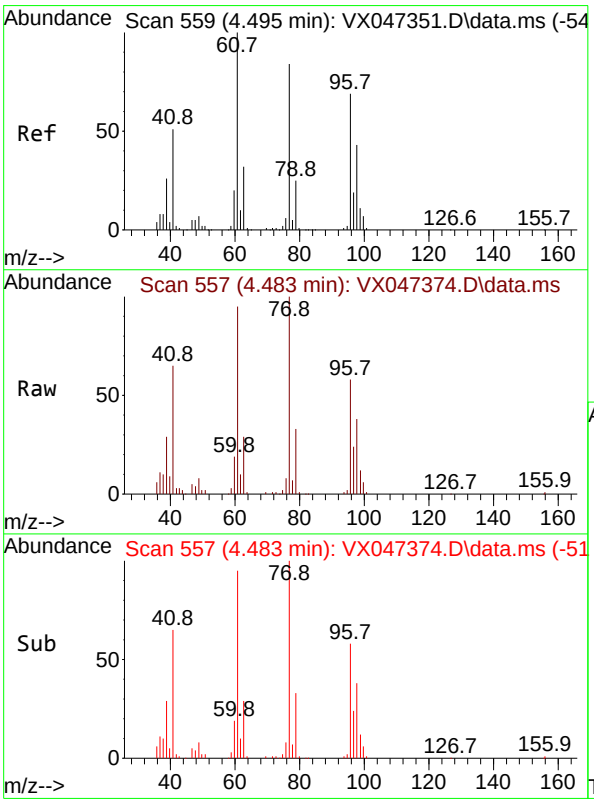
#25
2-Butanone
Concen: 99.242 ug/l
RT: 4.568 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

Tgt Ion: 43 Resp: 175245

Ion	Ratio	Lower	Upper
43	100		
72	26.1	19.8	29.8

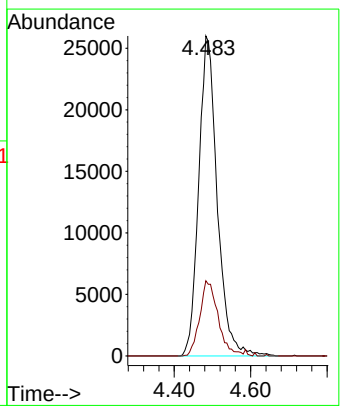


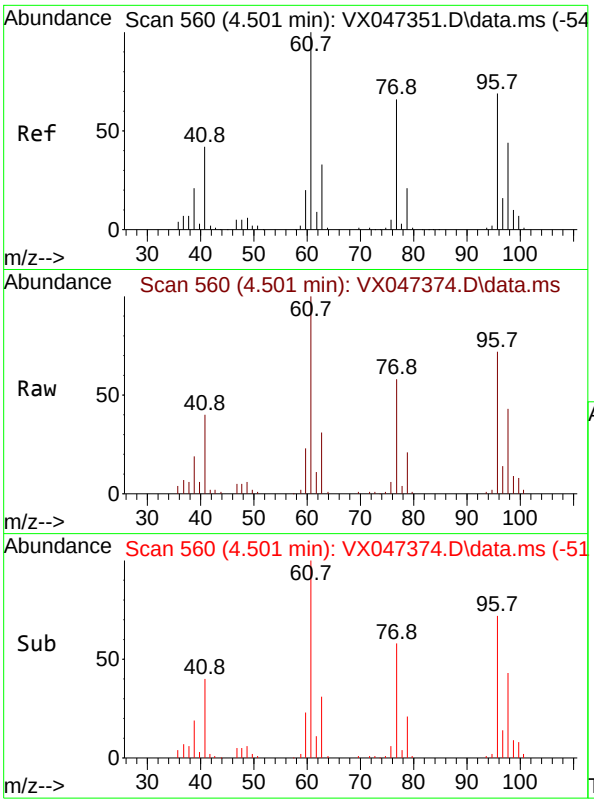


#26
2,2-Dichloropropane
Concen: 18.494 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.012 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 77 Resp: 87410

Ion	Ratio	Lower	Upper
77	100		
97	23.3	11.4	34.1



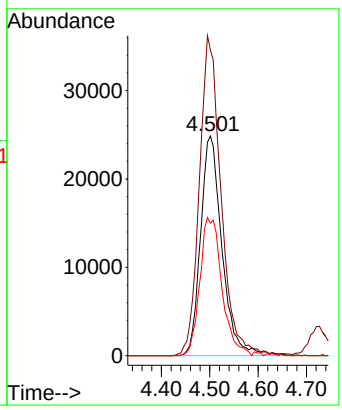


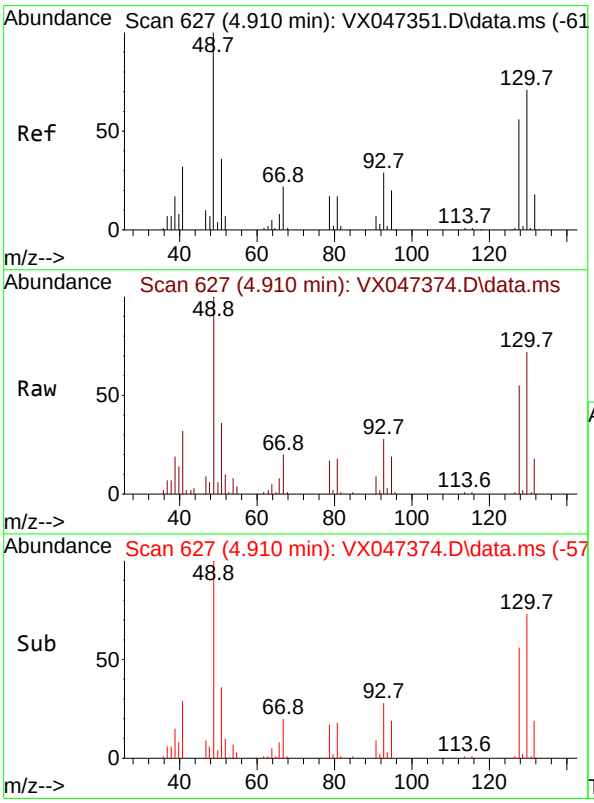
#27
cis-1,2-Dichloroethene
Concen: 19.096 ug/l
RT: 4.501 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

Tgt Ion: 96 Resp: 76181

Ion	Ratio	Lower	Upper
96	100		
61	148.4	0.0	296.6
98	64.8	0.0	130.4

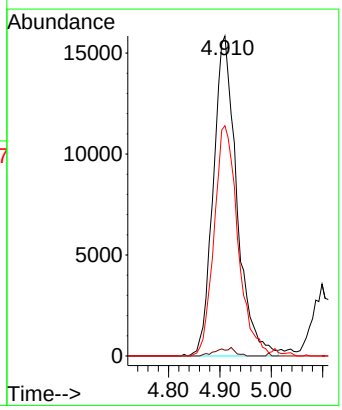


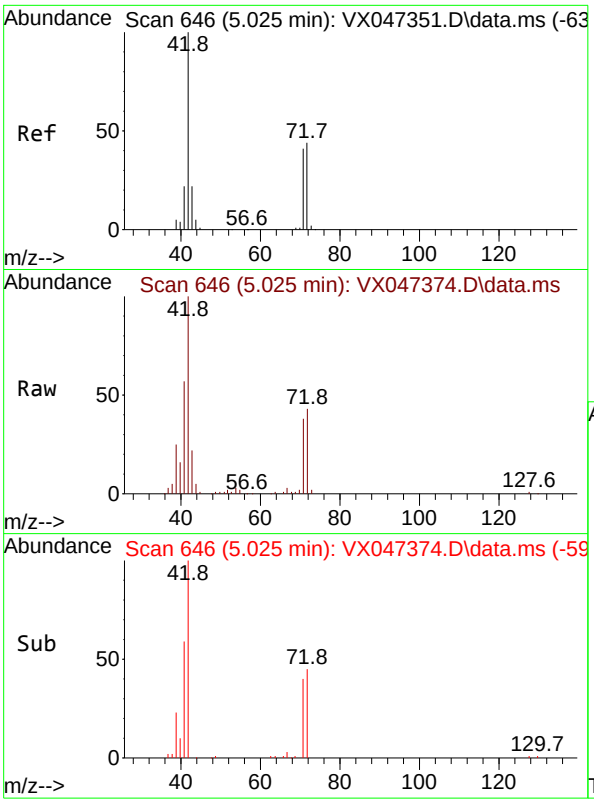


#28
Bromochloromethane
Concen: 19.305 ug/l
RT: 4.910 min Scan# 627
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 49 Resp: 50307

Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	4.0
130	72.8	59.8	89.6



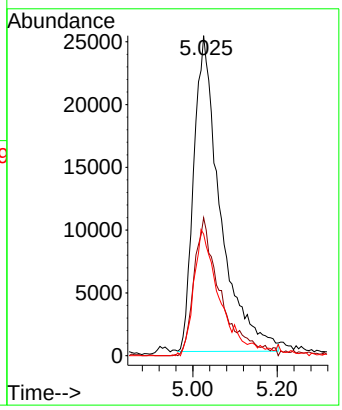


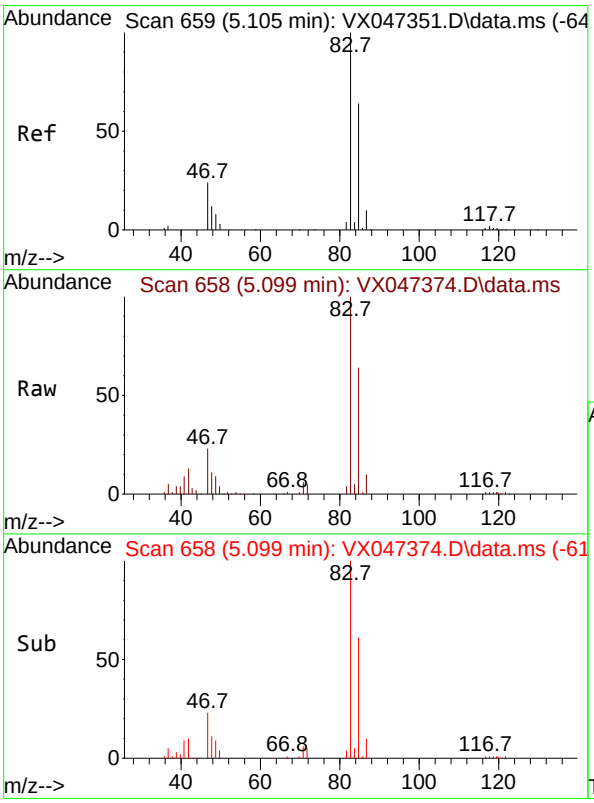
#29
Tetrahydrofuran
Concen: 96.574 ug/l
RT: 5.025 min Scan# 64
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

Tgt Ion: 42 Resp: 110222

Ion	Ratio	Lower	Upper
42	100		
72	42.5	34.6	51.8
71	37.4	32.6	49.0

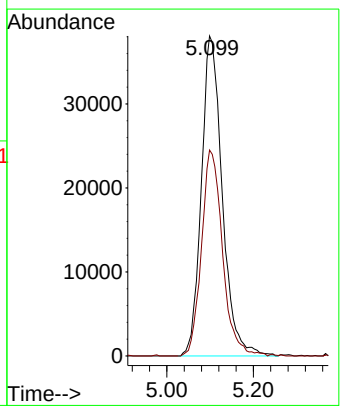


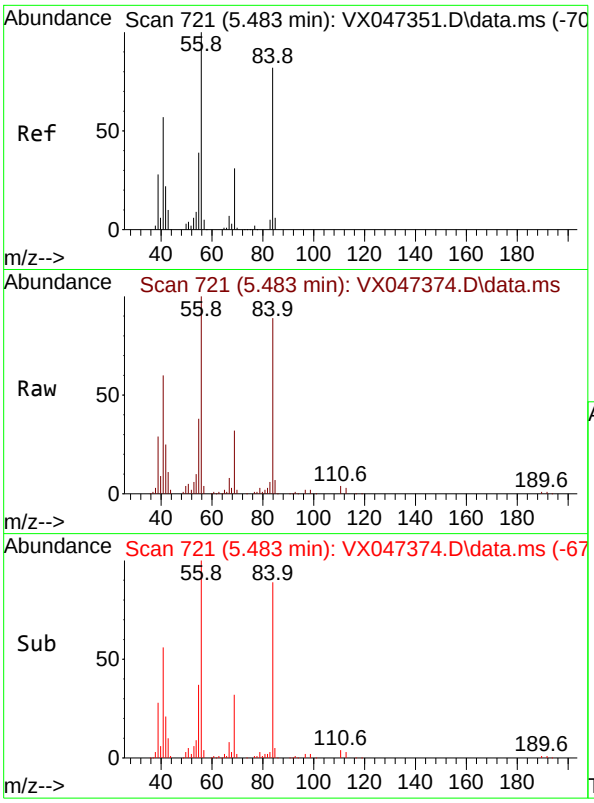


#30
Chloroform
Concen: 19.969 ug/l
RT: 5.099 min Scan# 658
Delta R.T. -0.006 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 83 Resp: 127625

Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.2	76.8



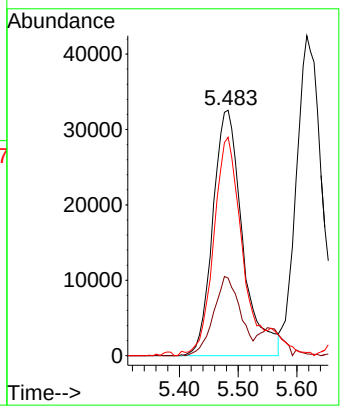


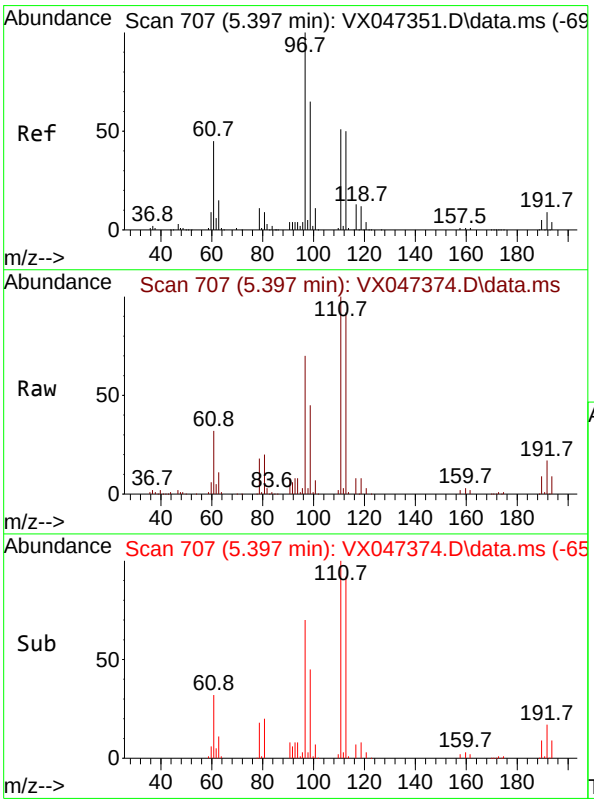
#31
Cyclohexane
Concen: 19.853 ug/l
RT: 5.483 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

Tgt Ion: 56 Resp: 114604

Ion	Ratio	Lower	Upper
56	100		
69	31.6	24.3	36.5
84	88.9	65.3	97.9

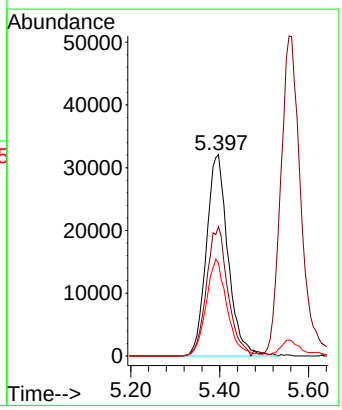


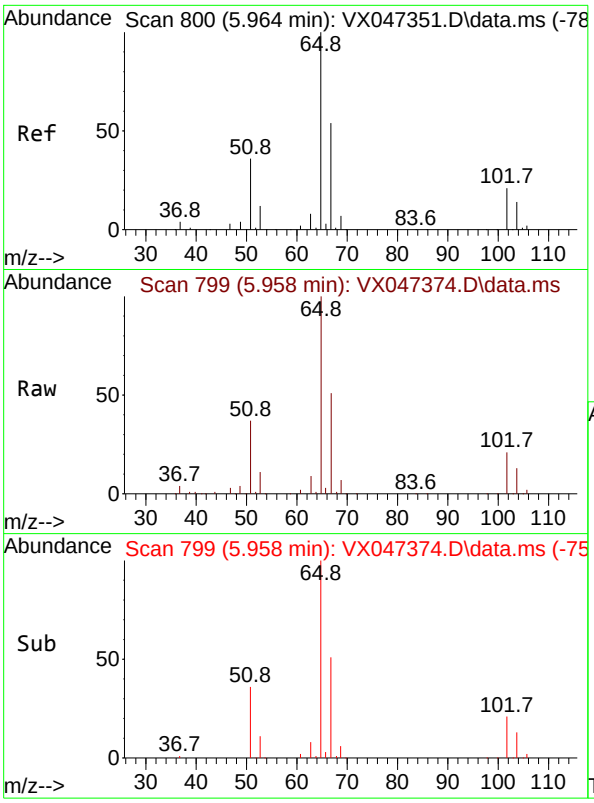


#32
1,1,1-Trichloroethane
Concen: 19.732 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 97 Resp: 108545

Ion	Ratio	Lower	Upper
97	100		
99	63.0	51.4	77.0
61	46.7	35.7	53.5



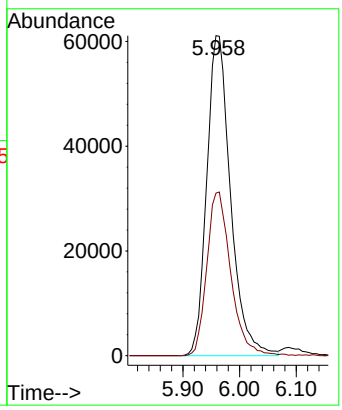


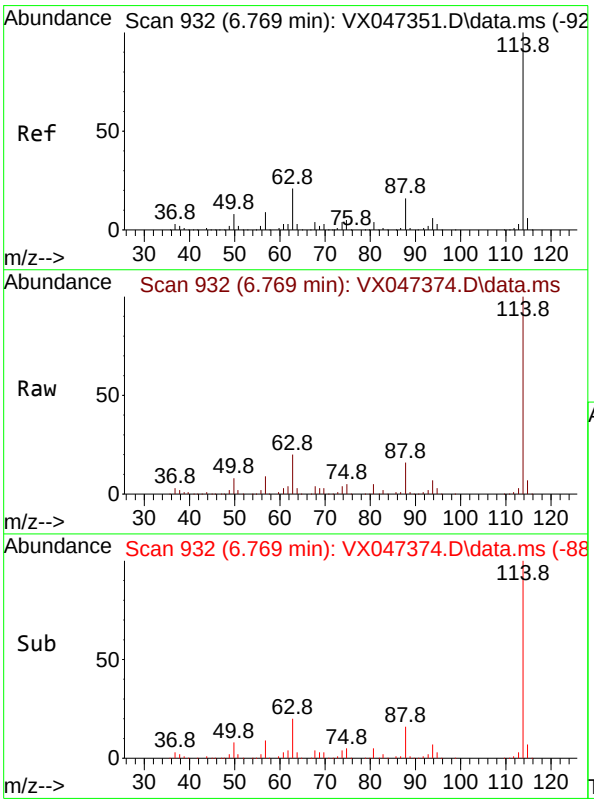
#33
1,2-Dichloroethane-d4
Concen: 49.694 ug/l
RT: 5.958 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

Tgt Ion: 65 Resp: 178254

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	106.0

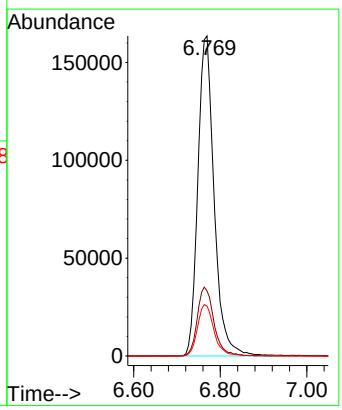


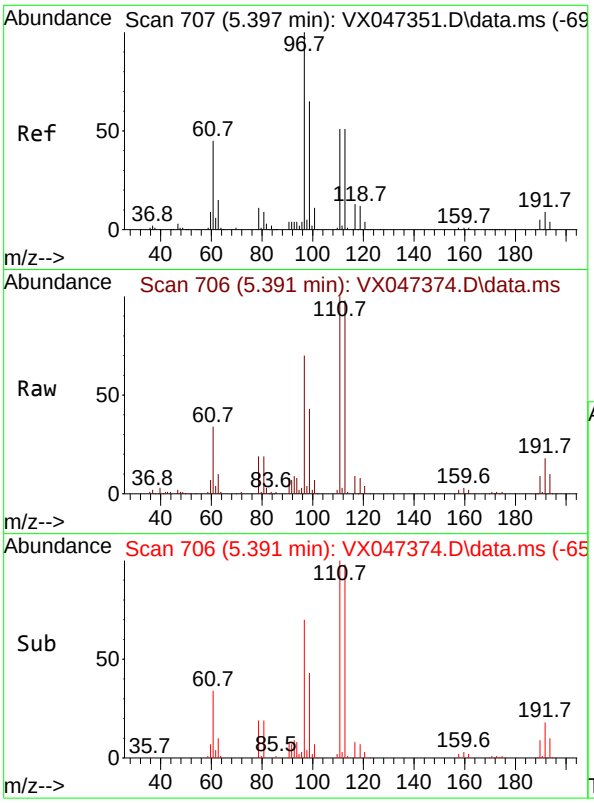


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion:114 Resp: 426348

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	42.4
88	15.6	0.0	33.0



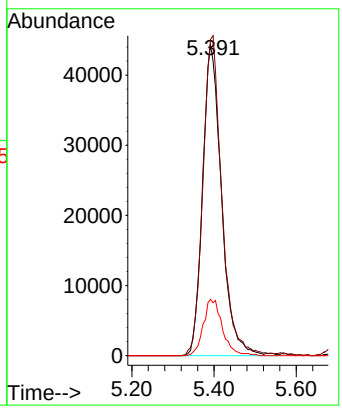


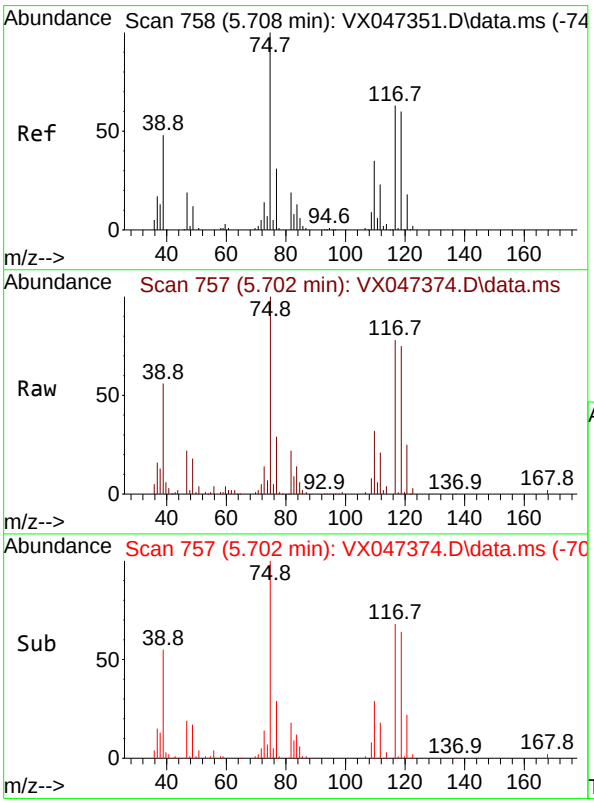
#35
Dibromofluoromethane
Concen: 51.359 ug/l
RT: 5.391 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

Tgt Ion:113 Resp: 142113

Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.4	122.2
192	18.2	14.1	21.1

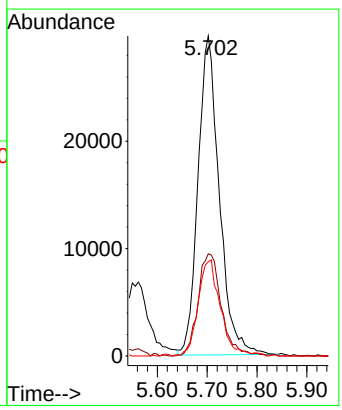


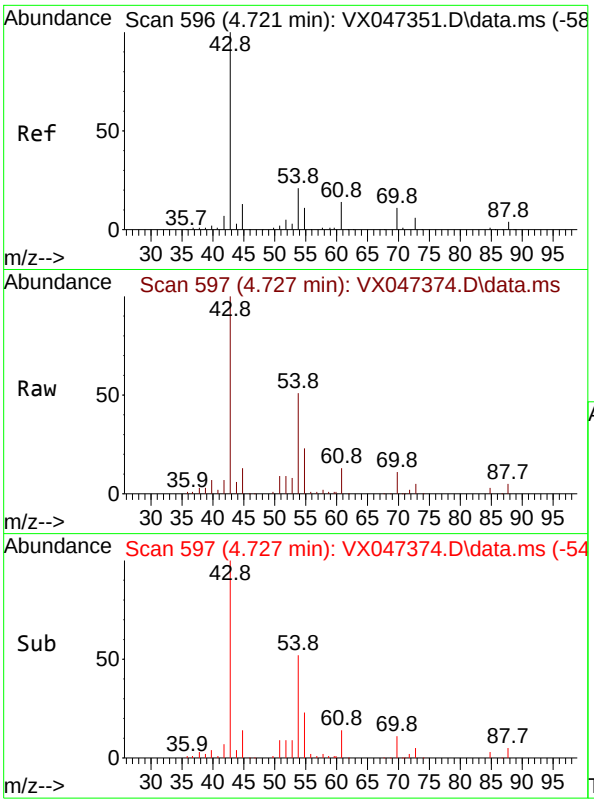


#36
1,1-Dichloropropene
Concen: 20.185 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.006 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 75 Resp: 88168

Ion	Ratio	Lower	Upper
75	100		
110	35.0	17.4	52.2
77	31.1	24.4	36.6



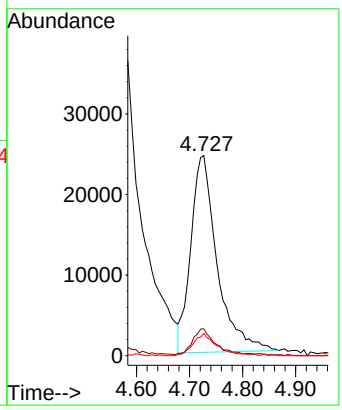


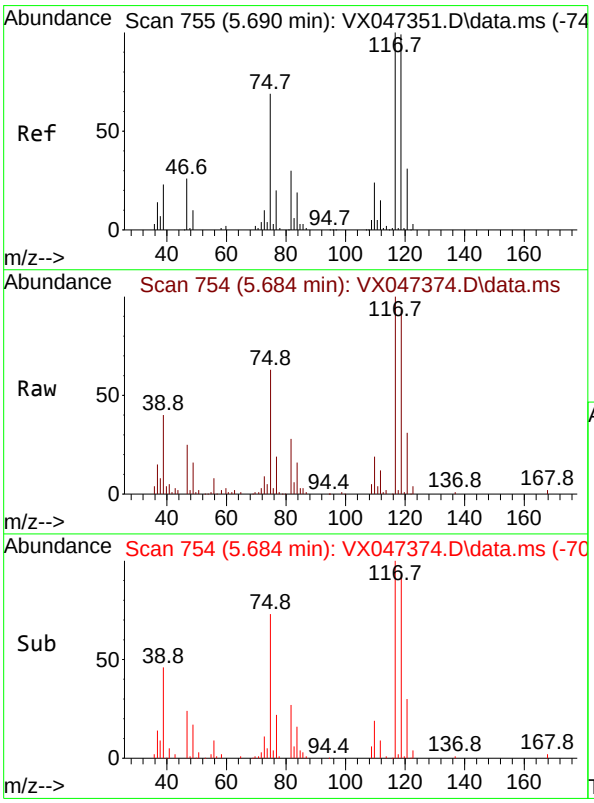
#37
Ethyl Acetate
Concen: 18.615 ug/l
RT: 4.727 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

Tgt Ion: 43 Resp: 84412

Ion	Ratio	Lower	Upper
43	100		
61	11.8	9.4	14.2
70	10.0	7.0	10.6

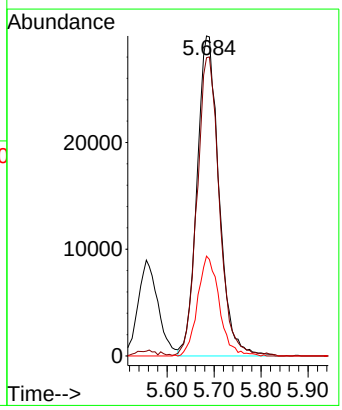


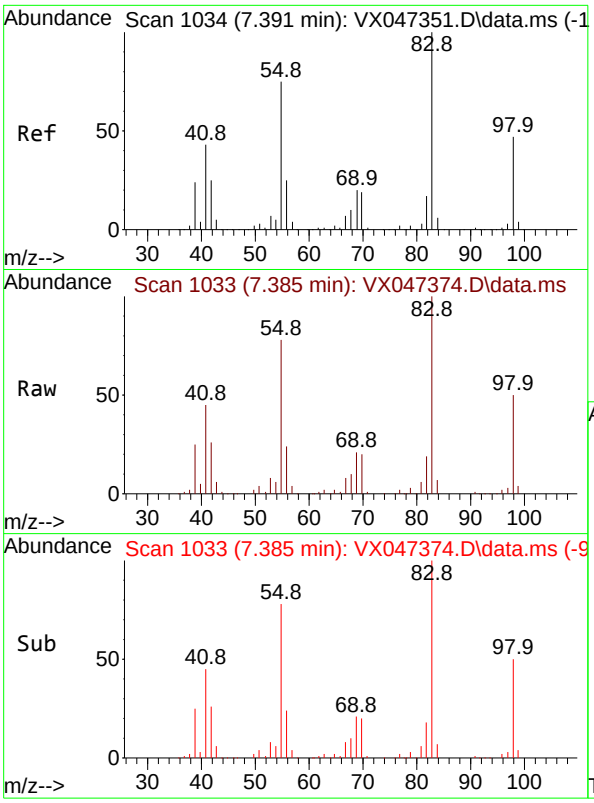


#38
Carbon Tetrachloride
Concen: 20.434 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion:117 Resp: 97536

Ion	Ratio	Lower	Upper
117	100		
119	93.2	78.5	117.7
121	31.2	24.7	37.1



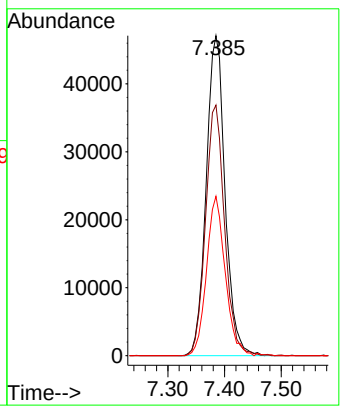


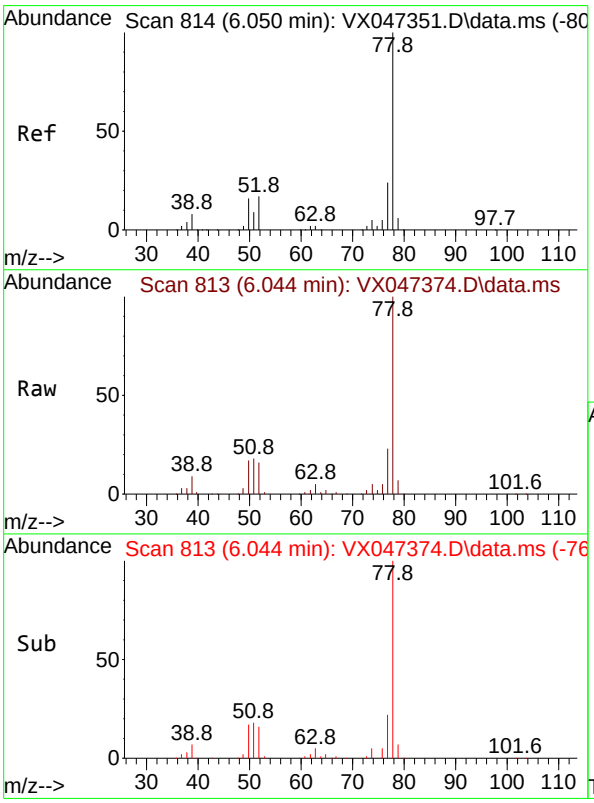
#39
Methylcyclohexane
Concen: 19.955 ug/l
RT: 7.385 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

Tgt Ion: 83 Resp: 108722

Ion	Ratio	Lower	Upper
83	100		
55	78.3	60.0	90.0
98	49.8	37.2	55.8

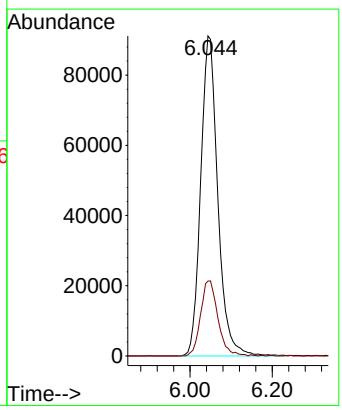


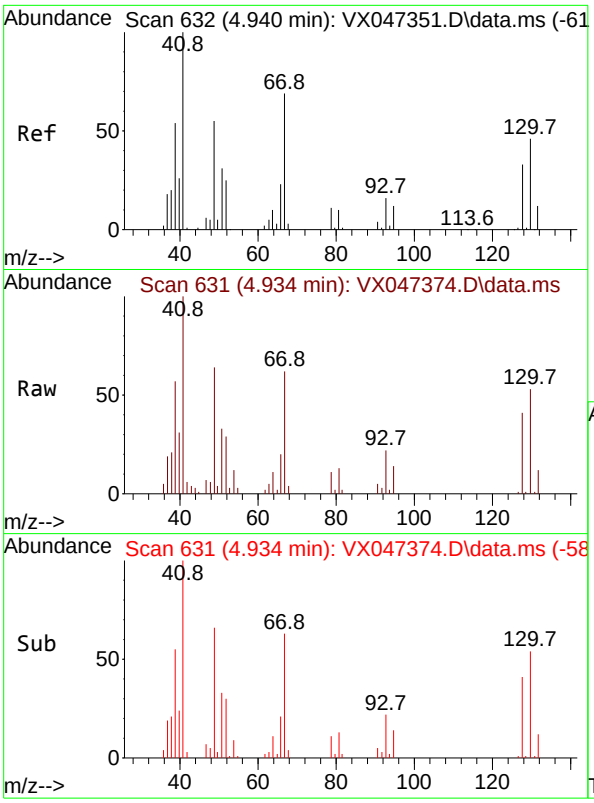


#40
Benzene
Concen: 20.096 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.006 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 78 Resp: 262740

Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.0	28.4



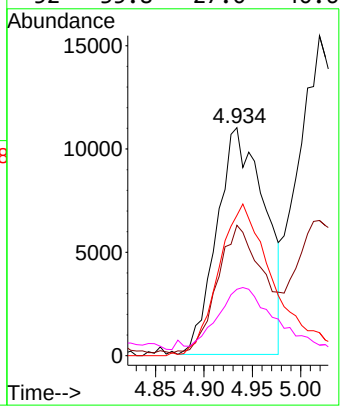


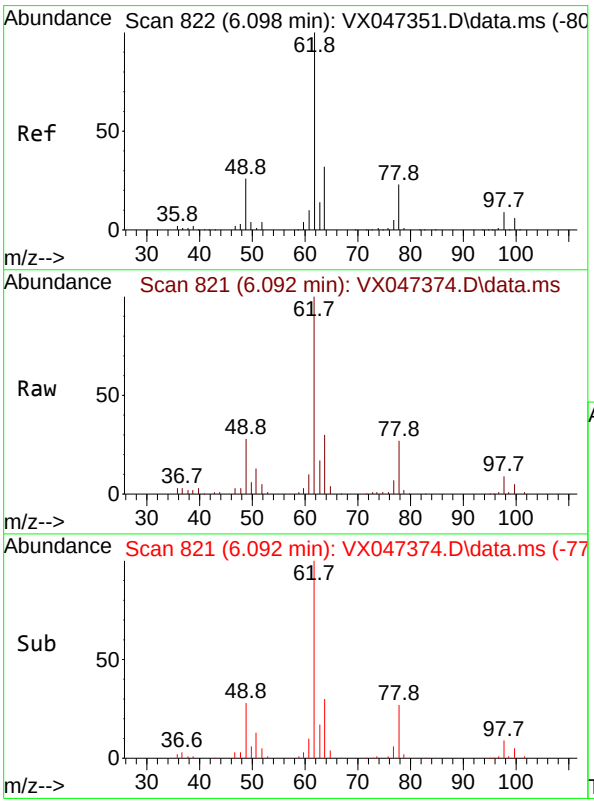
#41
Methacrylonitrile
Concen: 19.793 ug/l
RT: 4.934 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

Tgt Ion: 41 Resp: 37848

Ion	Ratio	Lower	Upper
41	100		
39	57.0	45.4	68.2
67	78.4	64.0	96.0
52	35.8	27.0	40.6

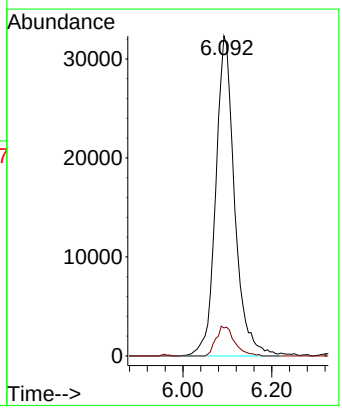


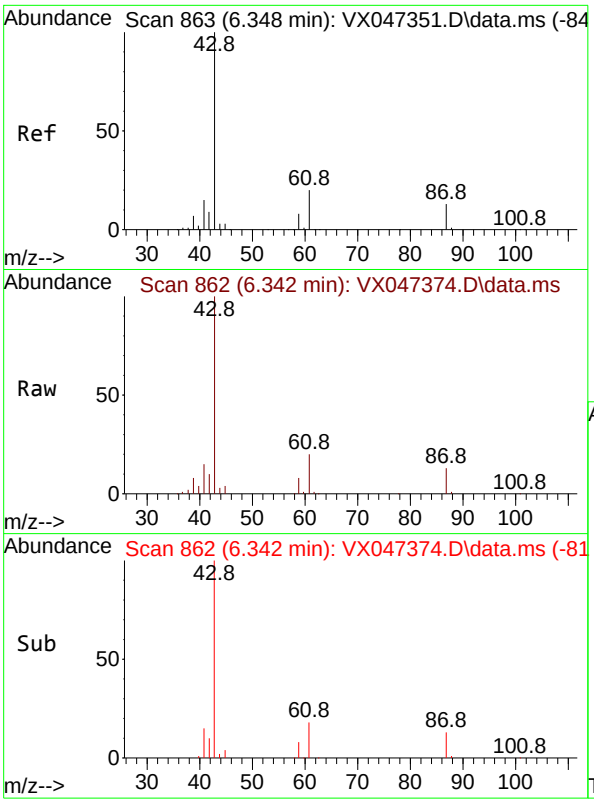


#42
1,2-Dichloroethane
Concen: 20.554 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 62 Resp: 95188

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.0



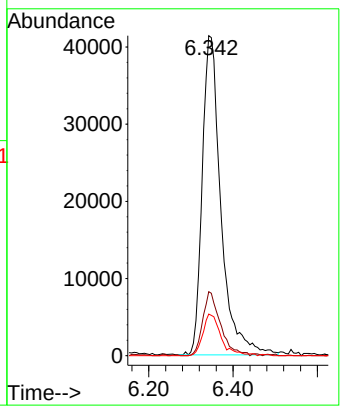


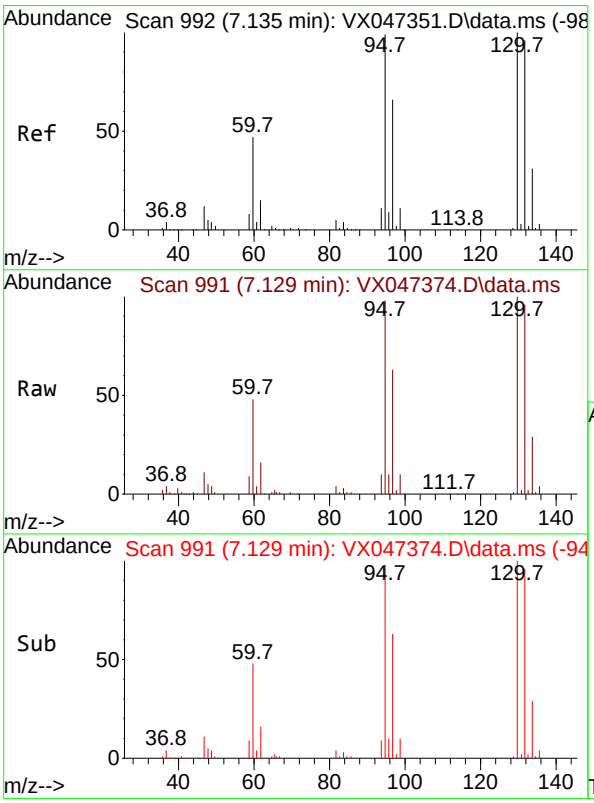
#43
Isopropyl Acetate
Concen: 19.606 ug/l
RT: 6.342 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

Tgt Ion: 43 Resp: 127724

Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.4	23.0
87	12.4	10.2	15.4

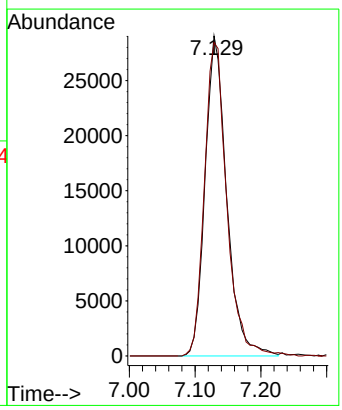


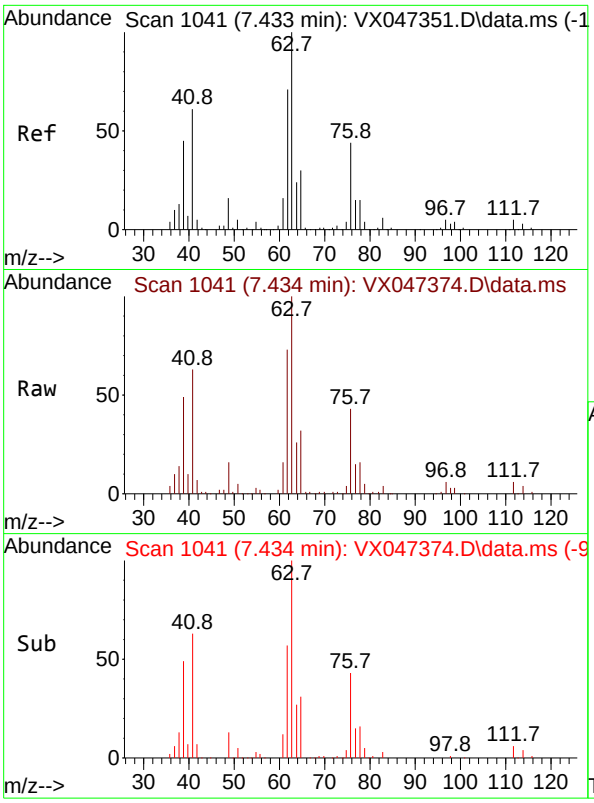


#44
Trichloroethene
Concen: 19.835 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion:130 Resp: 66400

Ion	Ratio	Lower	Upper
130	100		
95	98.0	0.0	198.6



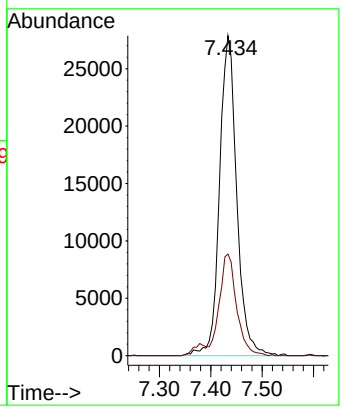


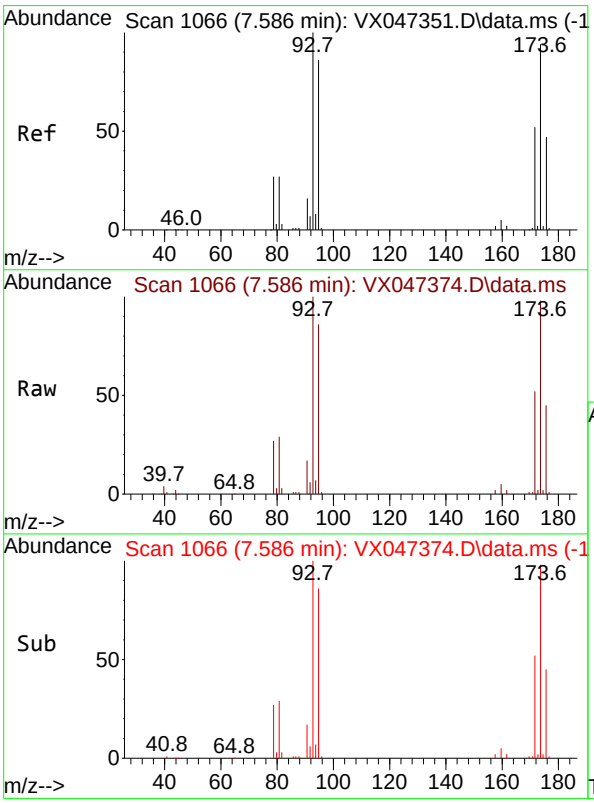
#45
1,2-Dichloropropane
Concen: 19.797 ug/l
RT: 7.434 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

Tgt Ion: 63 Resp: 64842

Ion	Ratio	Lower	Upper
63	100		
65	31.7	23.8	35.6

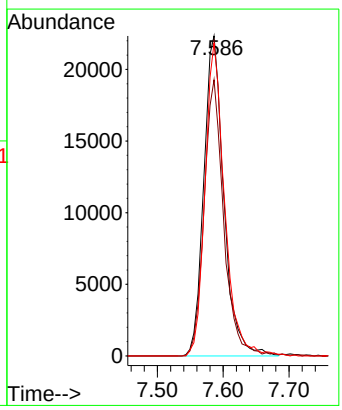


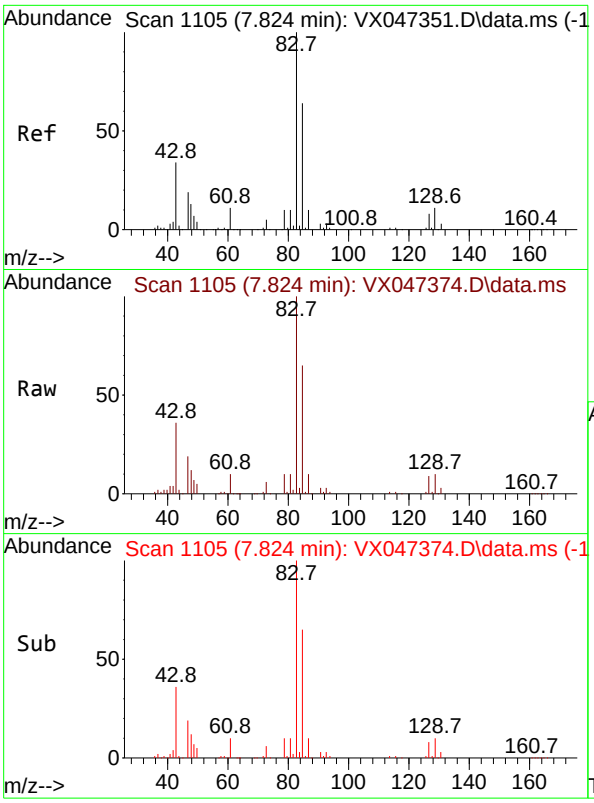


#46
Dibromomethane
Concen: 19.887 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 93 Resp: 47290

Ion	Ratio	Lower	Upper
93	100		
95	84.6	68.0	102.0
174	95.5	75.8	113.6



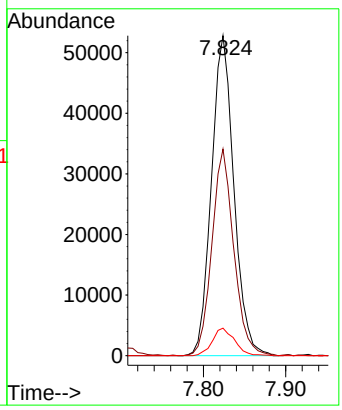


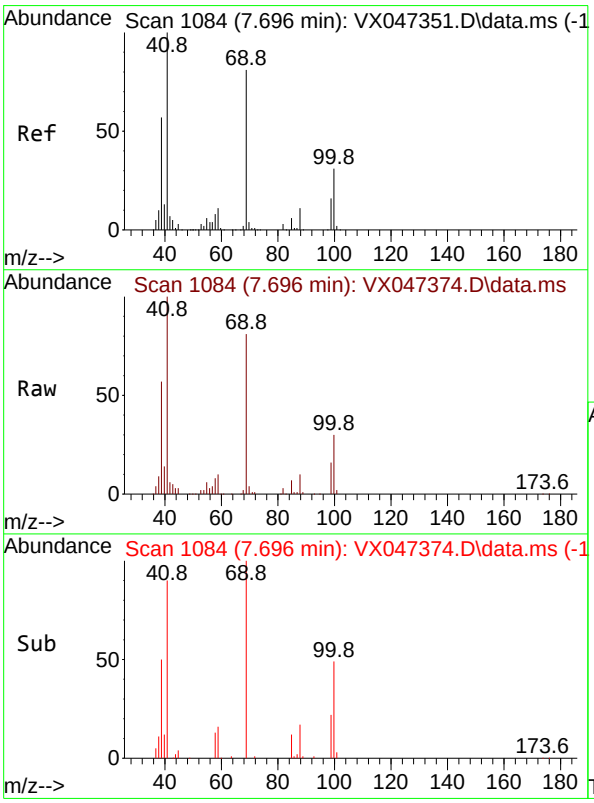
#47
Bromodichloromethane
Concen: 20.333 ug/l
RT: 7.824 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

Tgt Ion: 83 Resp: 100235

Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.0	76.6
127	8.6	7.0	10.4

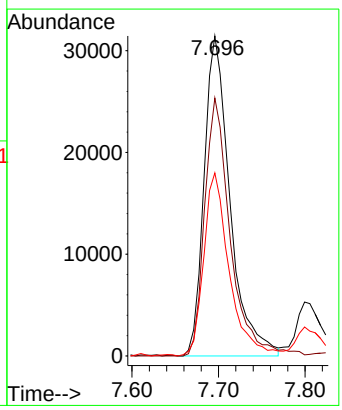


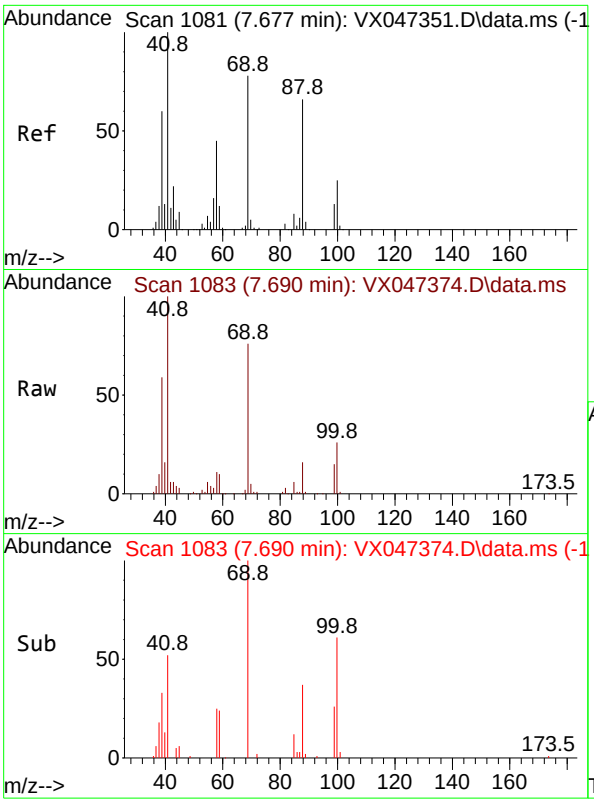


#48
Methyl methacrylate
Concen: 19.343 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 41 Resp: 65407

Ion	Ratio	Lower	Upper
41	100		
69	79.9	65.0	97.4
39	56.3	45.7	68.5



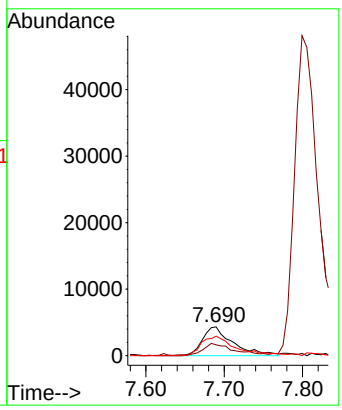


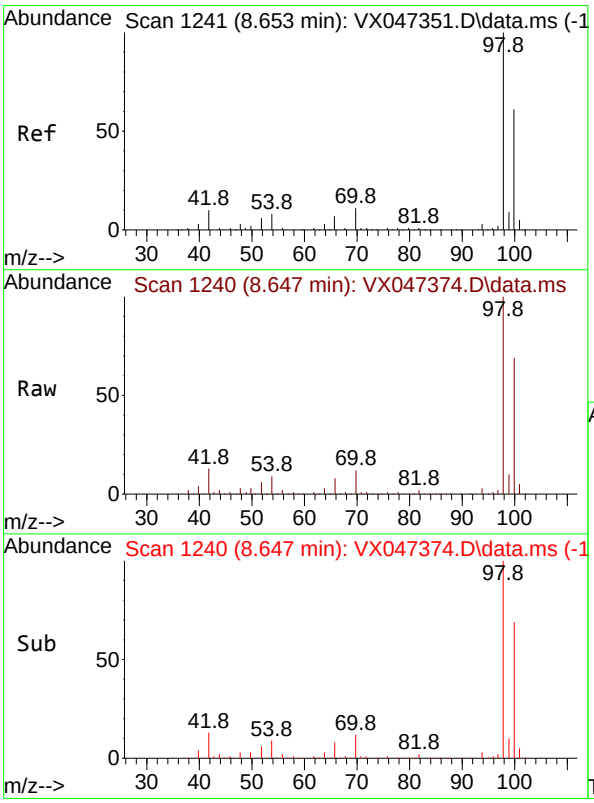
#49
1,4-Dioxane
Concen: 355.080 ug/l
RT: 7.690 min Scan# 1
Delta R.T. 0.012 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

Tgt Ion: 88 Resp: 11672

Ion	Ratio	Lower	Upper
88	100		
43	40.3	32.4	48.6
58	77.4	56.9	85.3

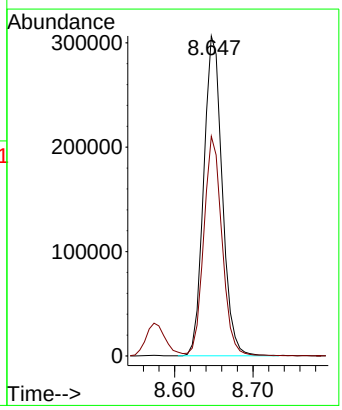


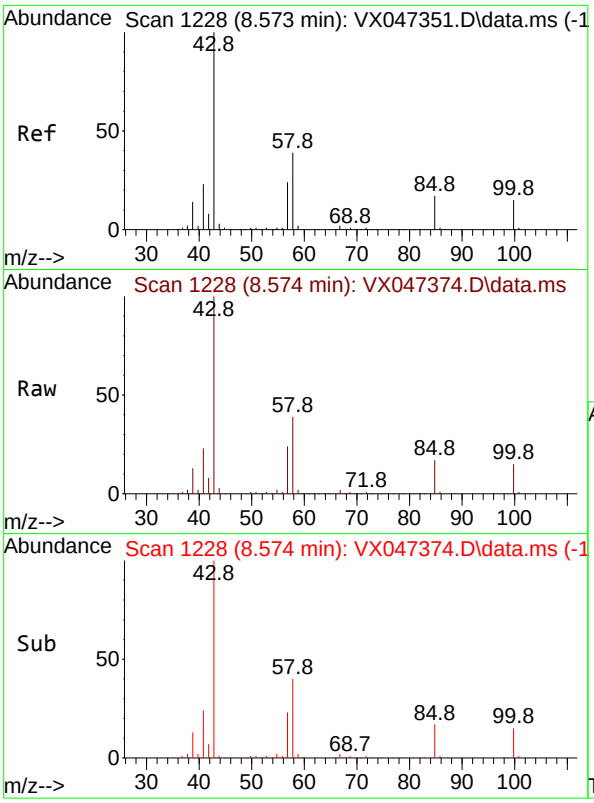


#50
Toluene-d8
Concen: 50.720 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 98 Resp: 501625

Ion	Ratio	Lower	Upper
98	100		
100	67.8	53.9	80.9



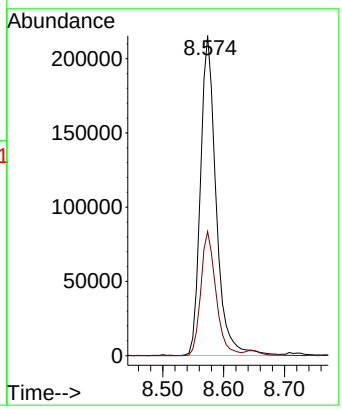


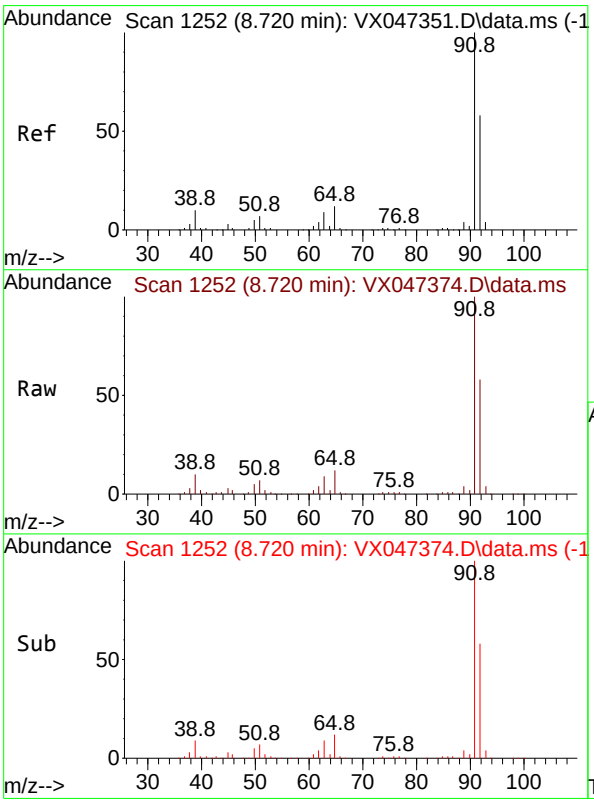
#51
4-Methyl-2-Pentanone
Concen: 102.487 ug/l
RT: 8.574 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

Tgt Ion: 43 Resp: 384202

Ion	Ratio	Lower	Upper
43	100		
58	37.7	31.2	46.8

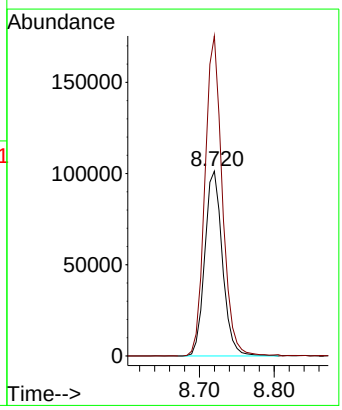


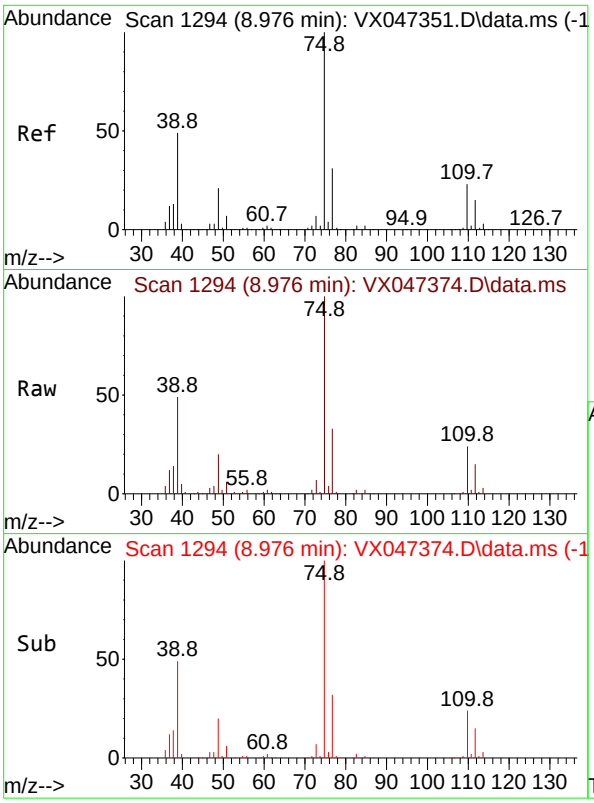


#52
Toluene
Concen: 20.523 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 92 Resp: 165801

Ion	Ratio	Lower	Upper
92	100		
91	170.3	136.3	204.5



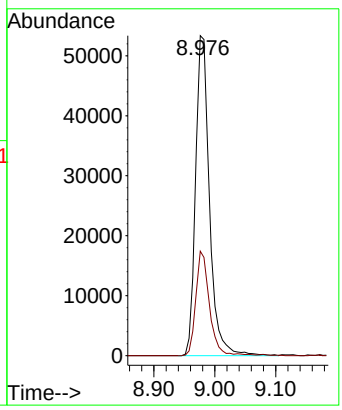


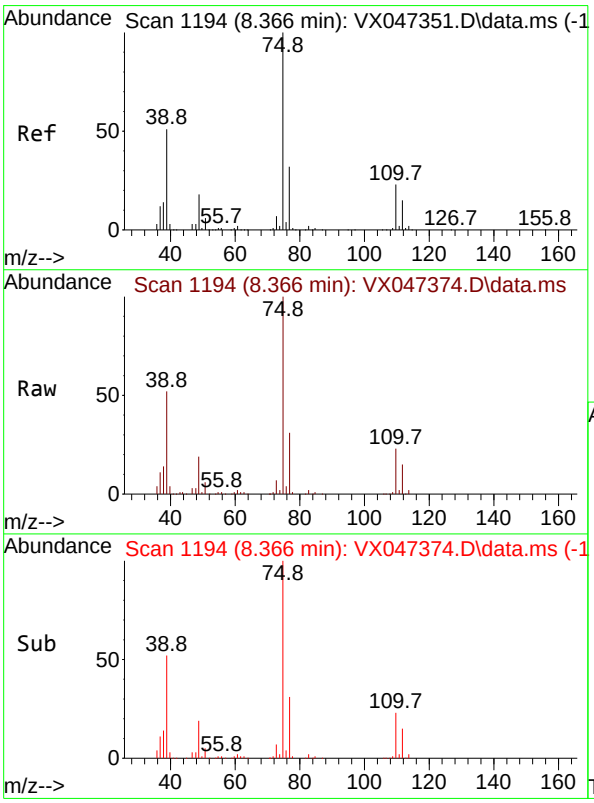
#53
t-1,3-Dichloropropene
Concen: 19.681 ug/l
RT: 8.976 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

Tgt Ion: 75 Resp: 84674

Ion	Ratio	Lower	Upper
75	100		
77	32.7	24.7	37.1

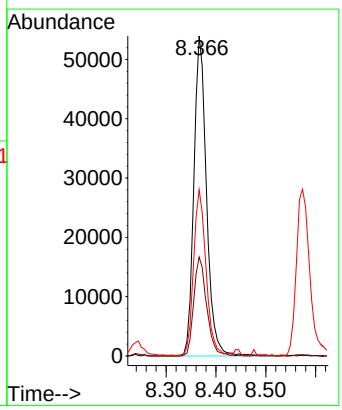


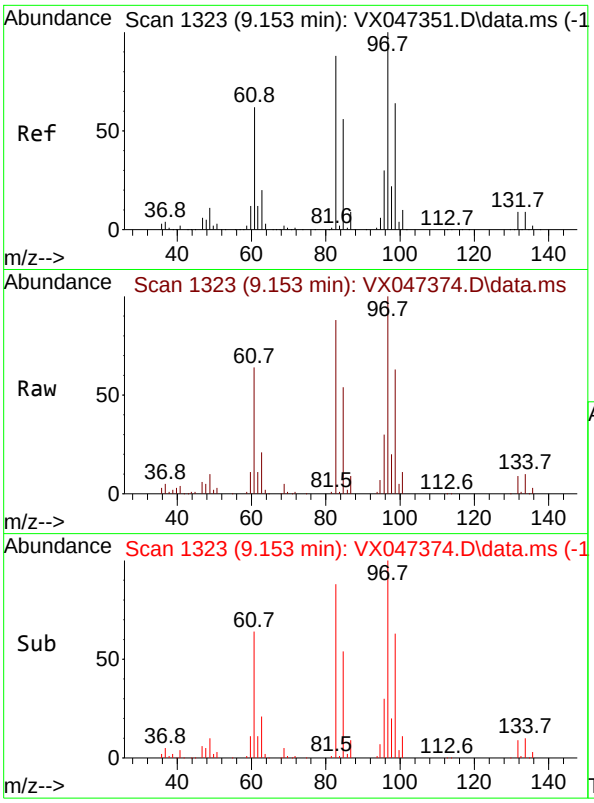


#54
cis-1,3-Dichloropropene
Concen: 19.522 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 75 Resp: 95068

Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.6	38.4
39	51.8	40.9	61.3



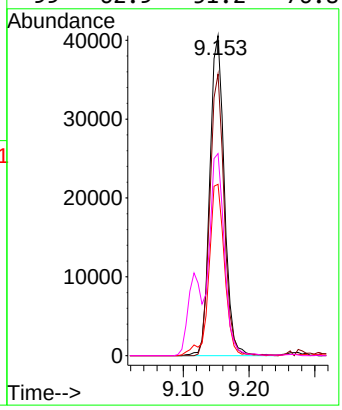


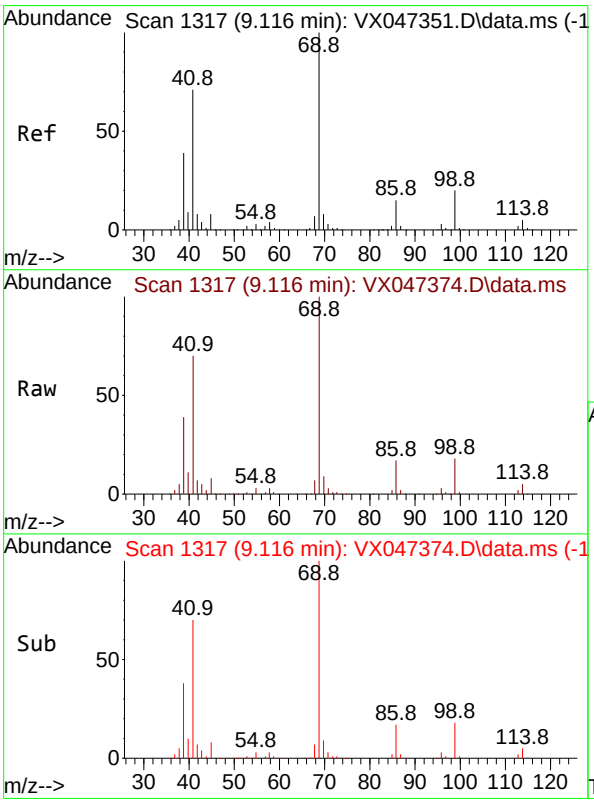
#55
1,1,2-Trichloroethane
Concen: 20.382 ug/l
RT: 9.153 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

Tgt Ion: 97 Resp: 62518

Ion	Ratio	Lower	Upper
97	100		
83	88.0	70.6	106.0
85	53.5	44.7	67.1
99	62.9	51.2	76.8

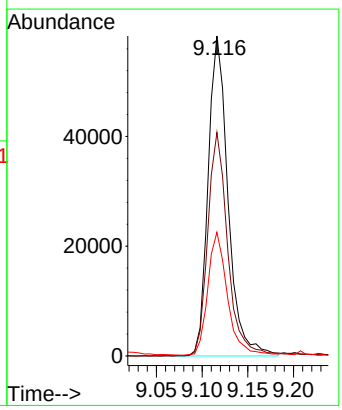


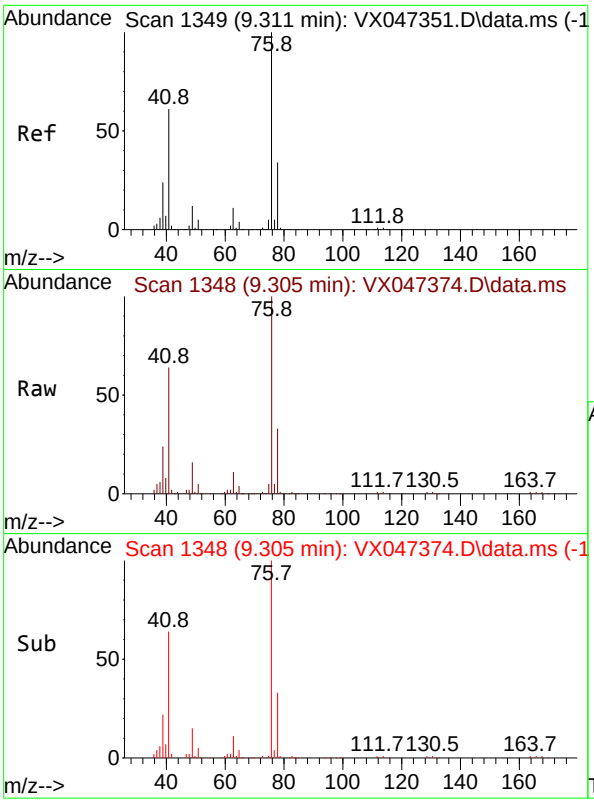


#56
Ethyl methacrylate
Concen: 19.499 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 69 Resp: 88182

Ion	Ratio	Lower	Upper
69	100		
41	71.3	55.3	82.9
39	37.9	30.2	45.2



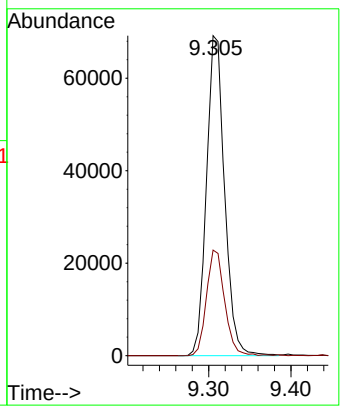


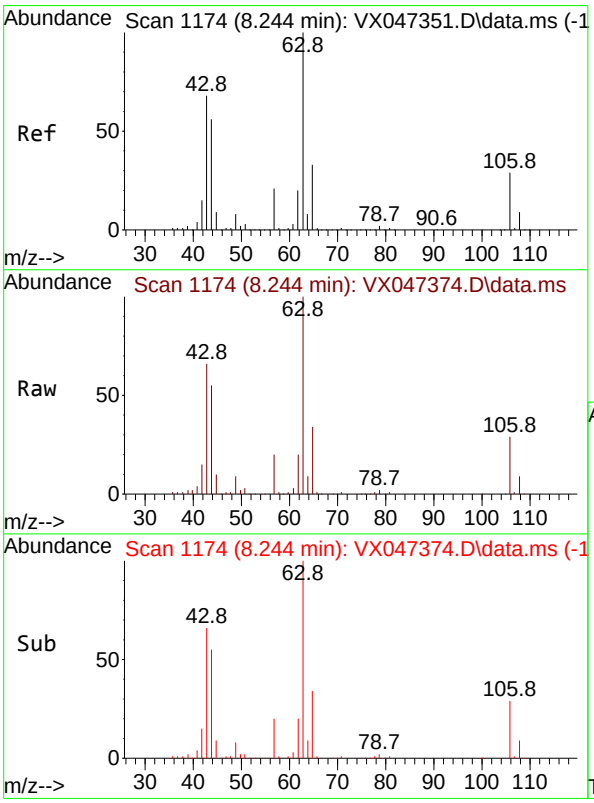
#57
1,3-Dichloropropane
Concen: 20.234 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

Tgt Ion: 76 Resp: 105761

Ion	Ratio	Lower	Upper
76	100		
78	33.1	26.2	39.2

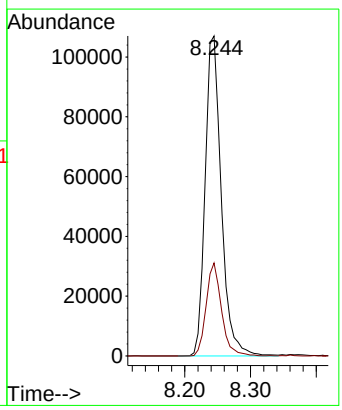


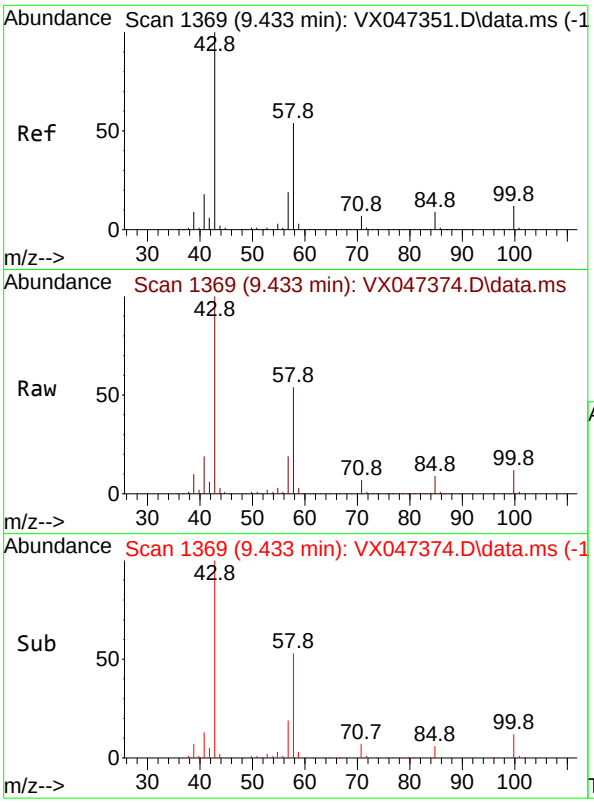


#58
2-Chloroethyl Vinyl ether
Concen: 90.181 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 63 Resp: 182812

Ion	Ratio	Lower	Upper
63	100		
106	27.6	22.8	34.2



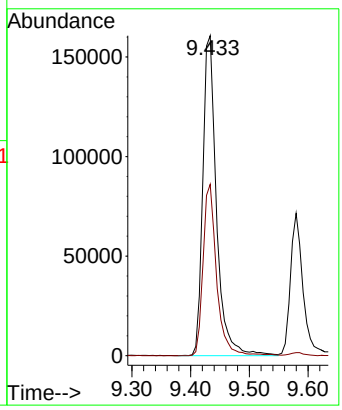


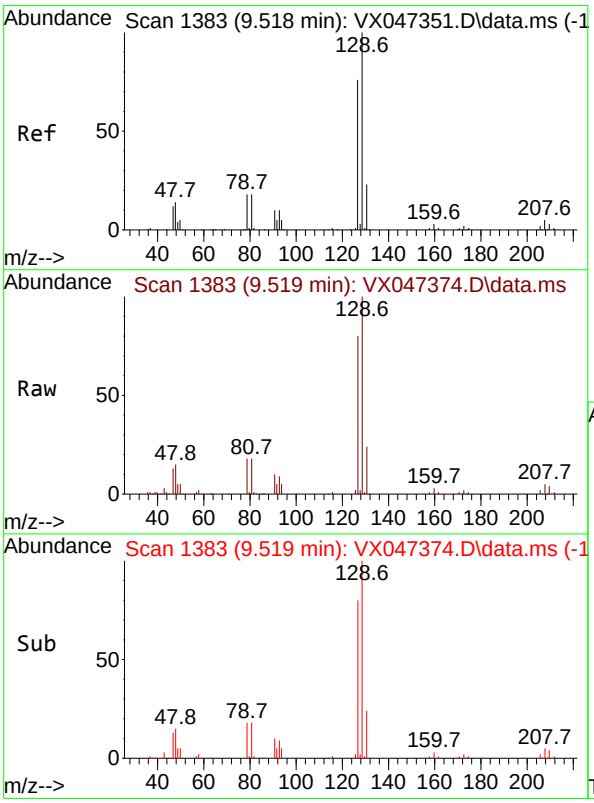
#59
2-Hexanone
Concen: 100.356 ug/l
RT: 9.433 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

Tgt Ion: 43 Resp: 260233

Ion	Ratio	Lower	Upper
43	100		
58	53.0	26.9	80.7

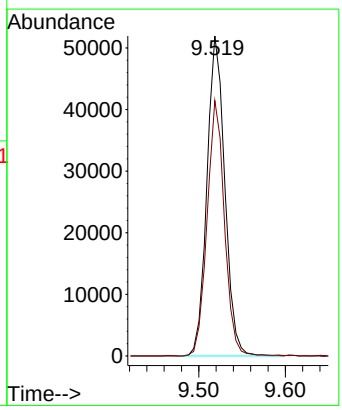


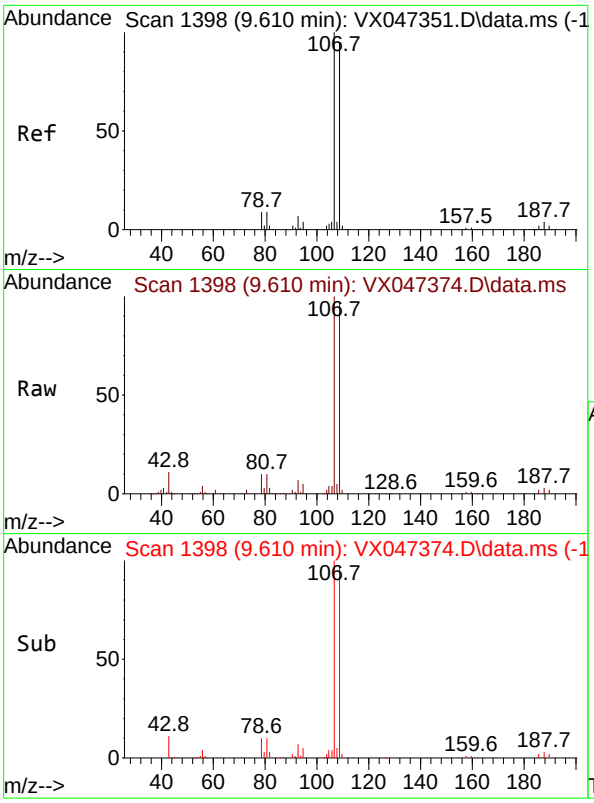


#60
Dibromochloromethane
Concen: 20.386 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion:129 Resp: 74313

Ion	Ratio	Lower	Upper
129	100		
127	77.8	38.9	116.6



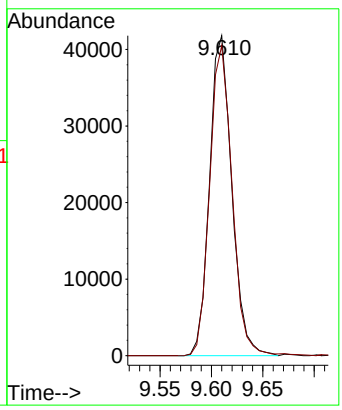


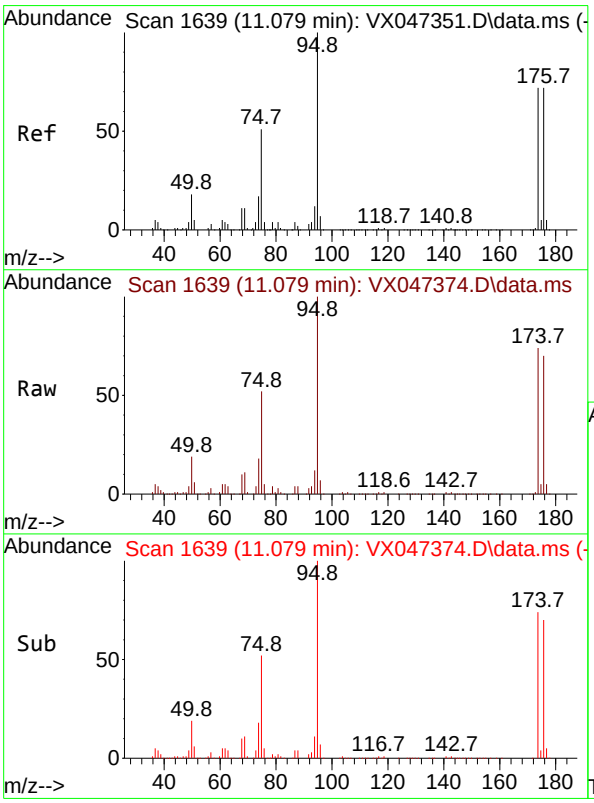
#61
1,2-Dibromoethane
Concen: 19.912 ug/l
RT: 9.610 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

Tgt Ion:107 Resp: 62983

Ion	Ratio	Lower	Upper
107	100		
109	97.9	76.2	114.2

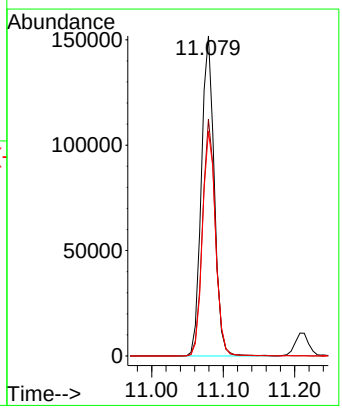


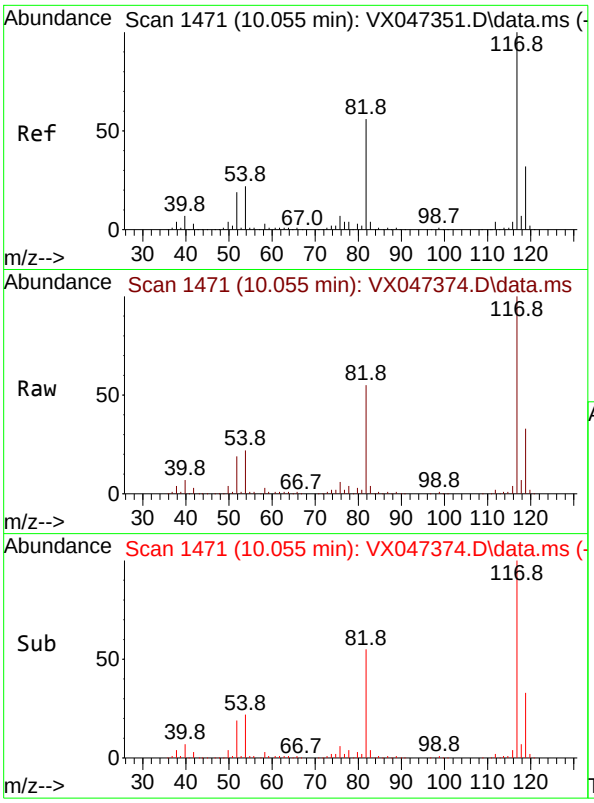


#62
4-Bromofluorobenzene
Concen: 52.129 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 95 Resp: 190251

Ion	Ratio	Lower	Upper
95	100		
174	73.7	0.0	148.0
176	71.6	0.0	145.4



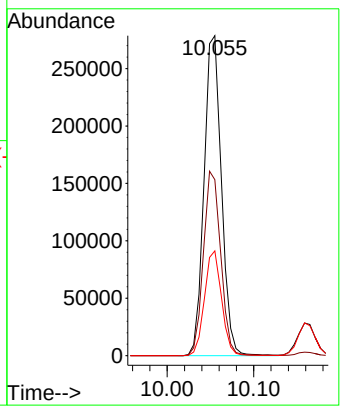


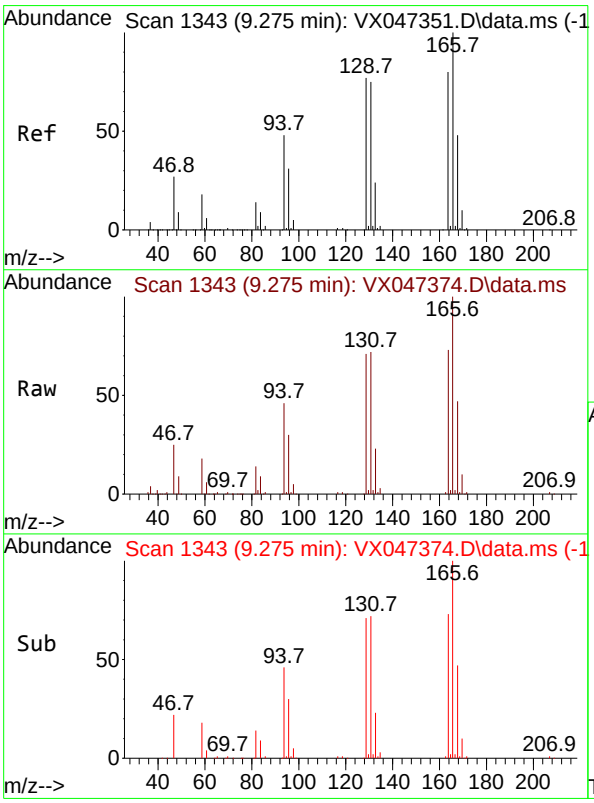
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

Tgt Ion:117 Resp: 389002

Ion	Ratio	Lower	Upper
117	100		
82	55.0	45.0	67.4
119	32.7	25.8	38.8

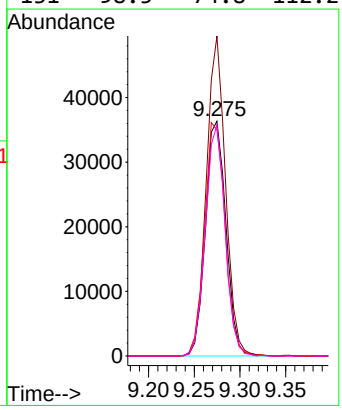


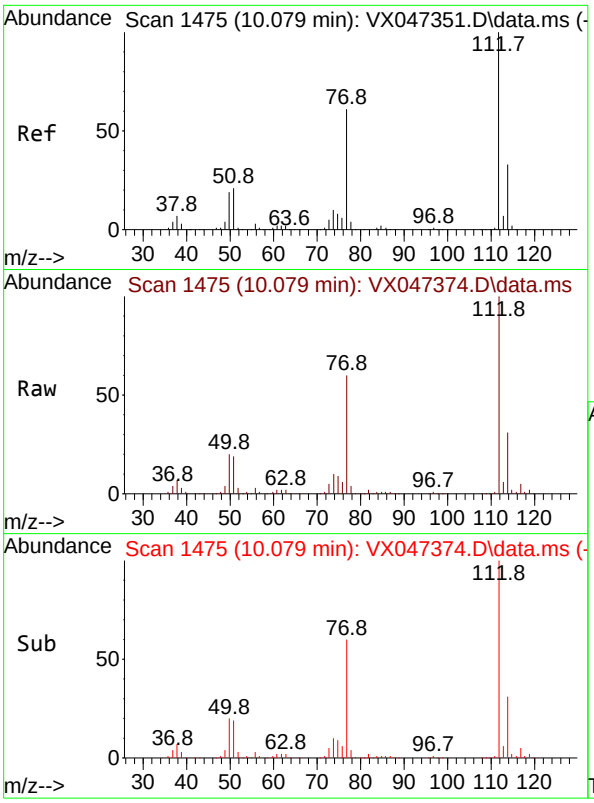


#64
Tetrachloroethene
Concen: 20.046 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion:164 Resp: 56403

Ion	Ratio	Lower	Upper
164	100		
166	136.3	100.3	150.5
129	96.4	77.7	116.5
131	98.5	74.8	112.2



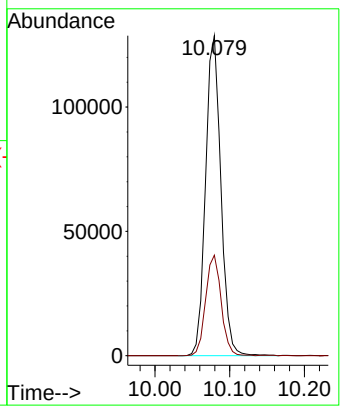


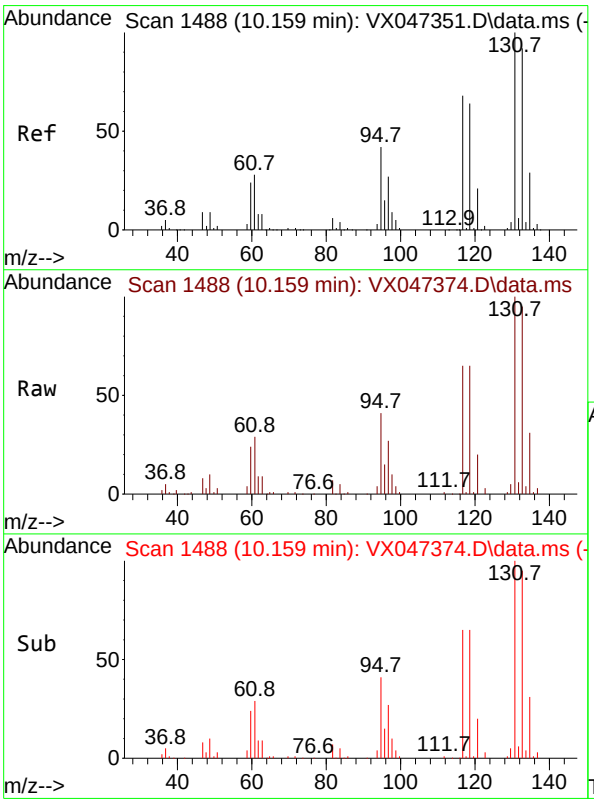
#65
Chlorobenzene
Concen: 19.780 ug/l
RT: 10.079 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

Tgt Ion:112 Resp: 182846

Ion	Ratio	Lower	Upper
112	100		
114	31.4	26.4	39.6

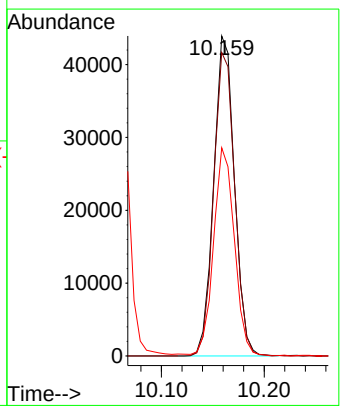


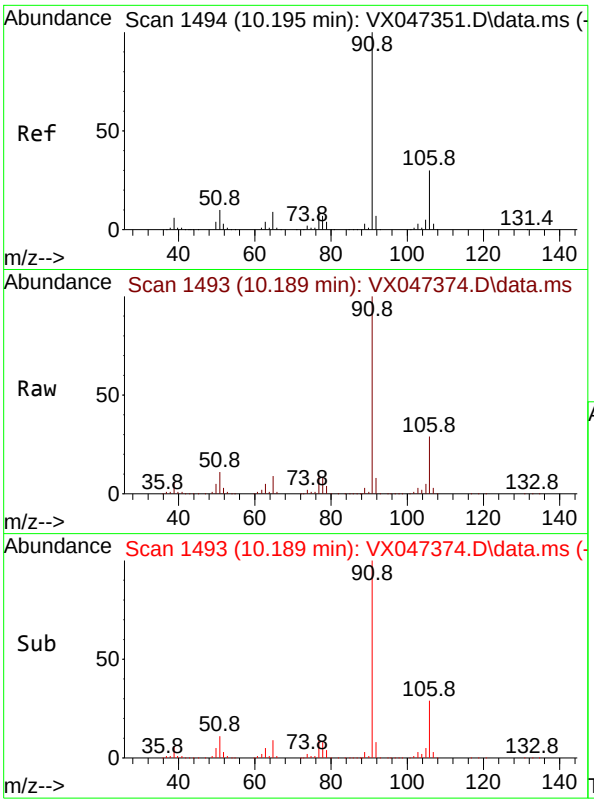


#66
1,1,1,2-Tetrachloroethane
Concen: 19.703 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion:131 Resp: 61571

Ion	Ratio	Lower	Upper
131	100		
133	95.9	47.6	142.9
119	65.5	32.3	96.8



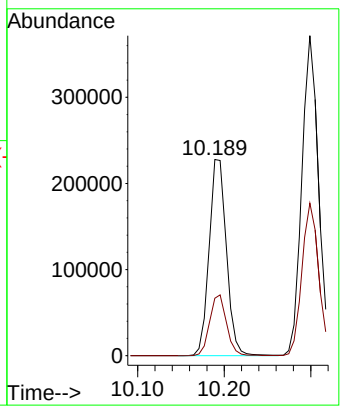


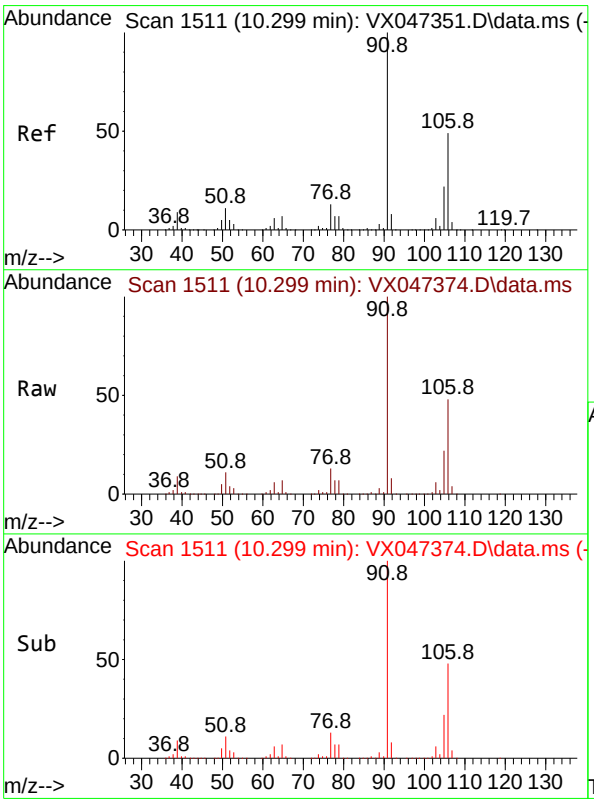
#67
Ethyl Benzene
Concen: 19.925 ug/l
RT: 10.189 min Scan# 14
Delta R.T. -0.006 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

Tgt Ion: 91 Resp: 317013

Ion	Ratio	Lower	Upper
91	100		
106	29.3	24.4	36.6

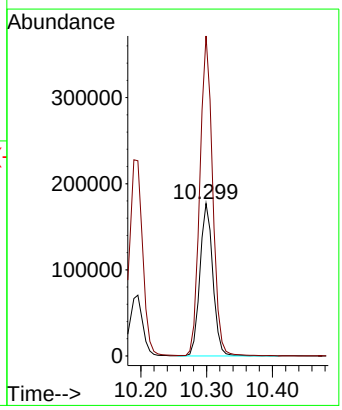


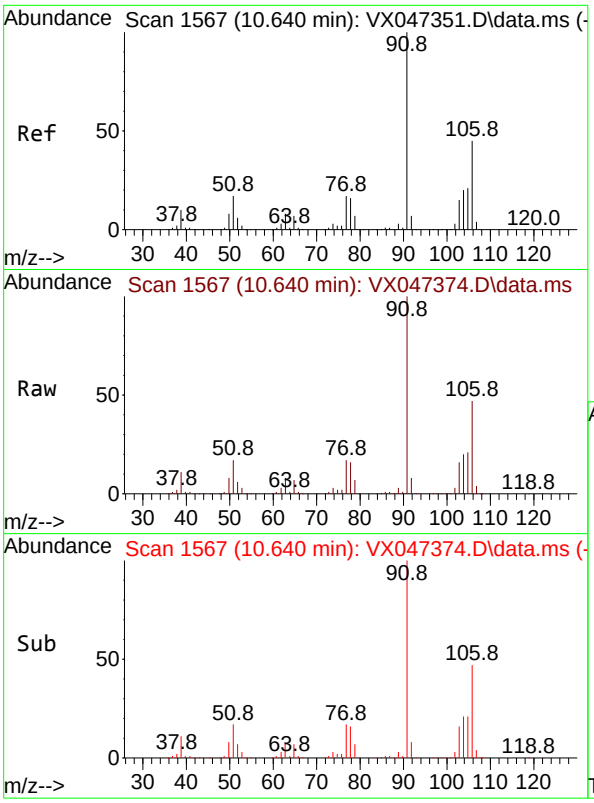


#68
m/p-Xylenes
Concen: 40.673 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion:106 Resp: 241301

Ion	Ratio	Lower	Upper
106	100		
91	206.7	164.7	247.1



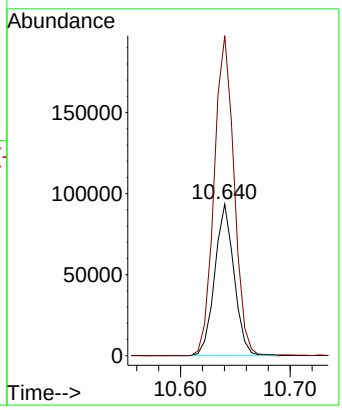


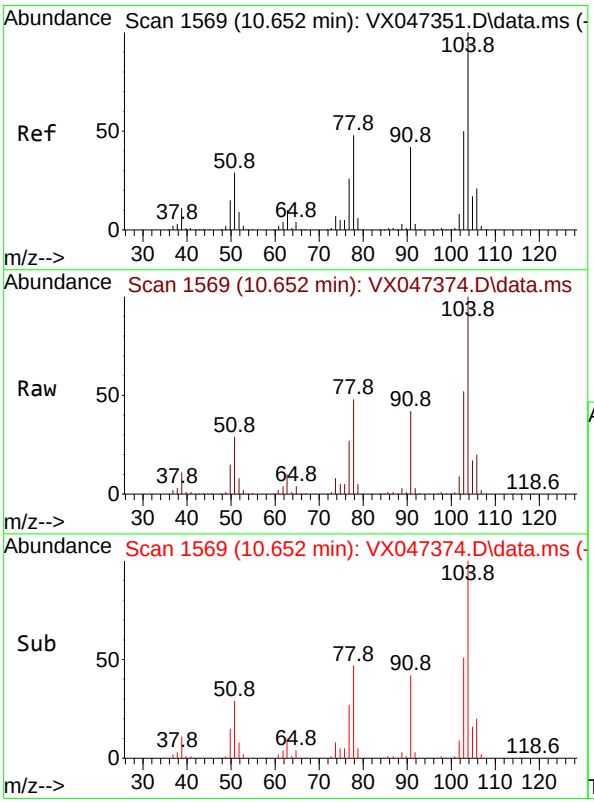
#69
o-Xylene
Concen: 20.042 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

Tgt Ion:106 Resp: 114422

Ion	Ratio	Lower	Upper
106	100		
91	219.2	110.6	331.8

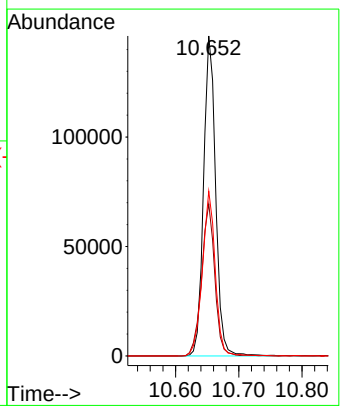


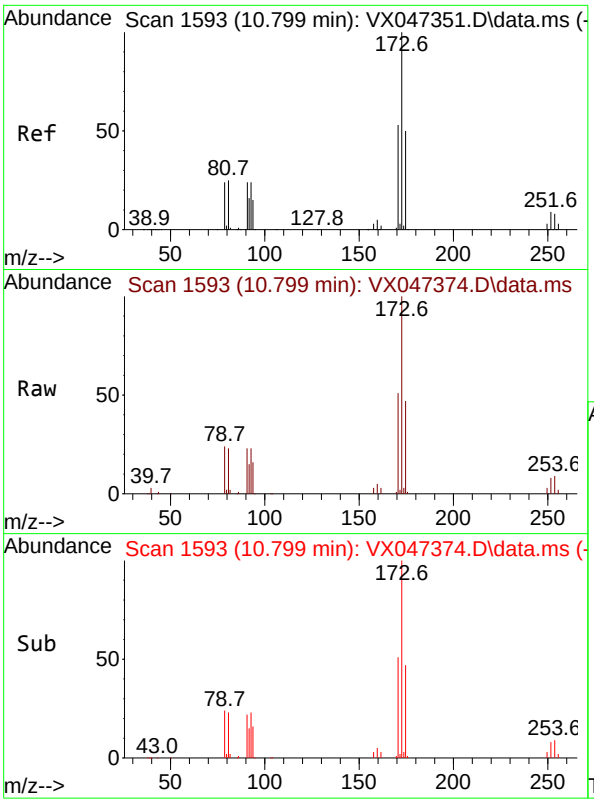


#70
Styrene
Concen: 20.197 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion:104 Resp: 194838

Ion	Ratio	Lower	Upper
104	100		
78	51.9	41.8	62.8
103	55.0	43.6	65.4



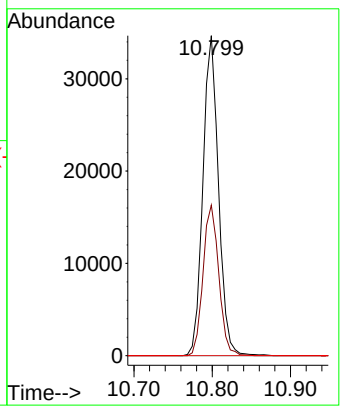


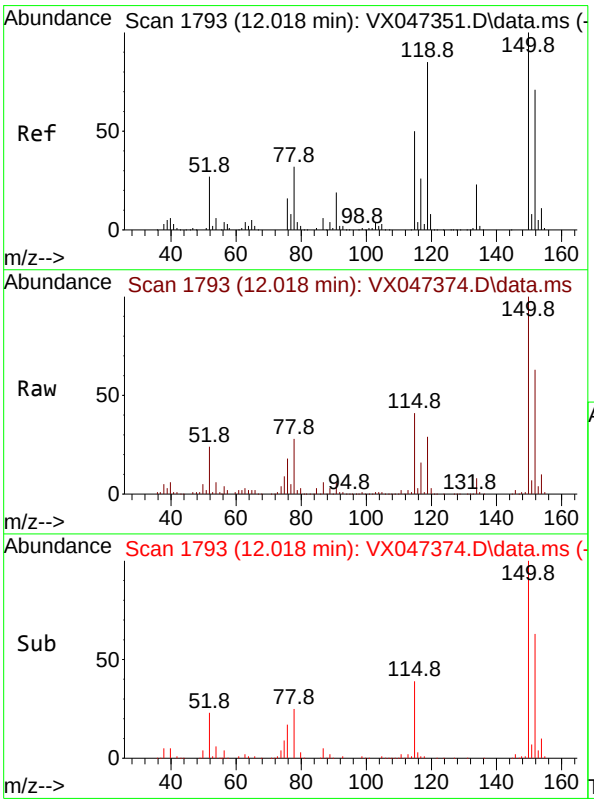
#71
Bromoform
Concen: 20.353 ug/l
RT: 10.799 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

Tgt Ion:173 Resp: 47781

Ion	Ratio	Lower	Upper
173	100		
175	47.5	24.4	73.4
254	0.0	0.1	0.1#

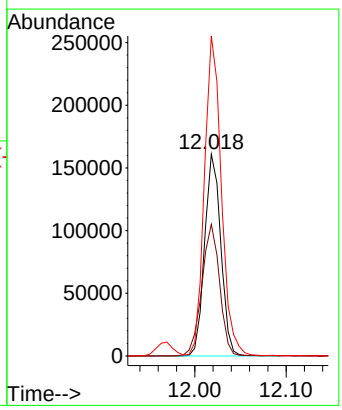


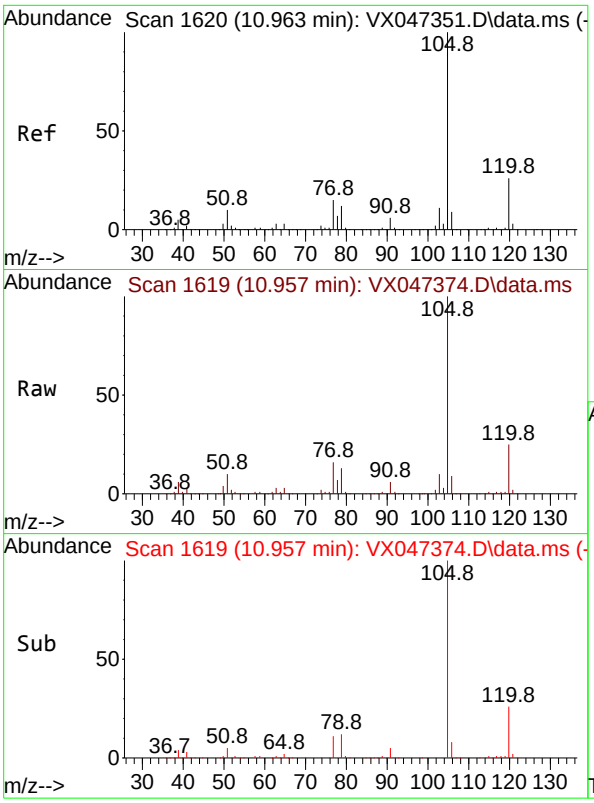


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion:152 Resp: 197596

Ion	Ratio	Lower	Upper
152	100		
115	71.6	44.6	133.8
150	165.3	0.0	349.8



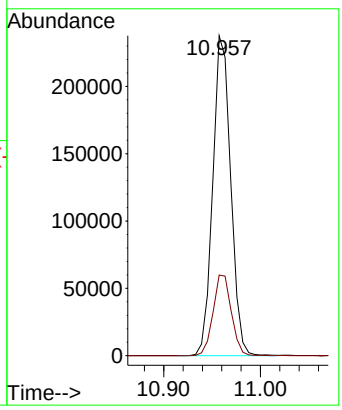


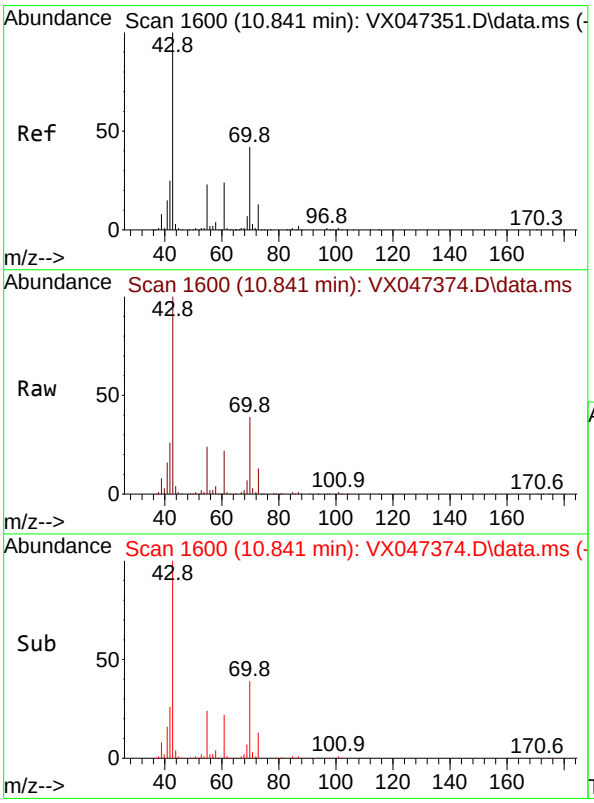
#73
Isopropylbenzene
Concen: 19.762 ug/l
RT: 10.957 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

Tgt Ion:105 Resp: 305580

Ion	Ratio	Lower	Upper
105	100		
120	25.8	12.9	38.6

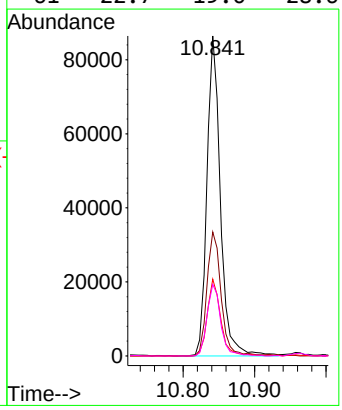


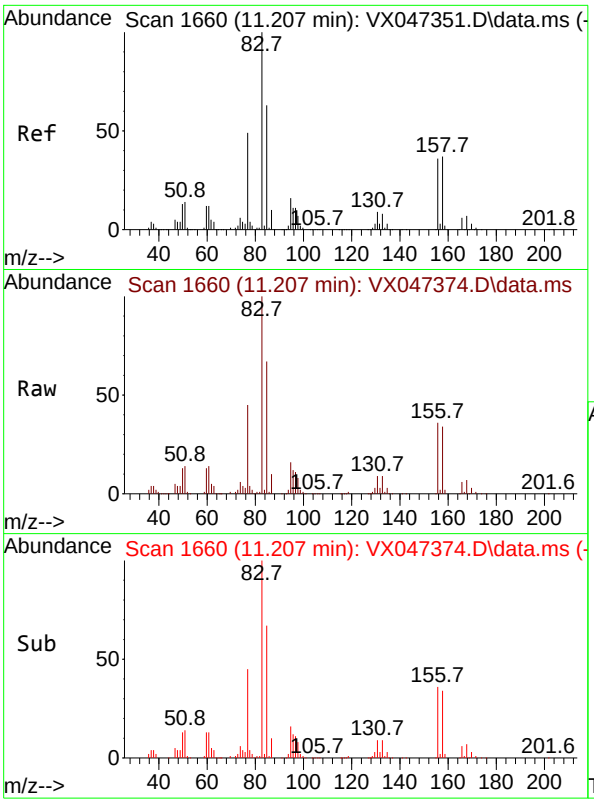


#74
N-amyl acetate
Concen: 19.269 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 43 Resp: 113146

Ion	Ratio	Lower	Upper
43	100		
70	40.6	33.1	49.7
55	24.0	19.0	28.6
61	22.7	19.0	28.6



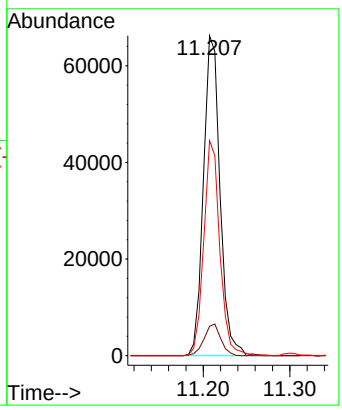


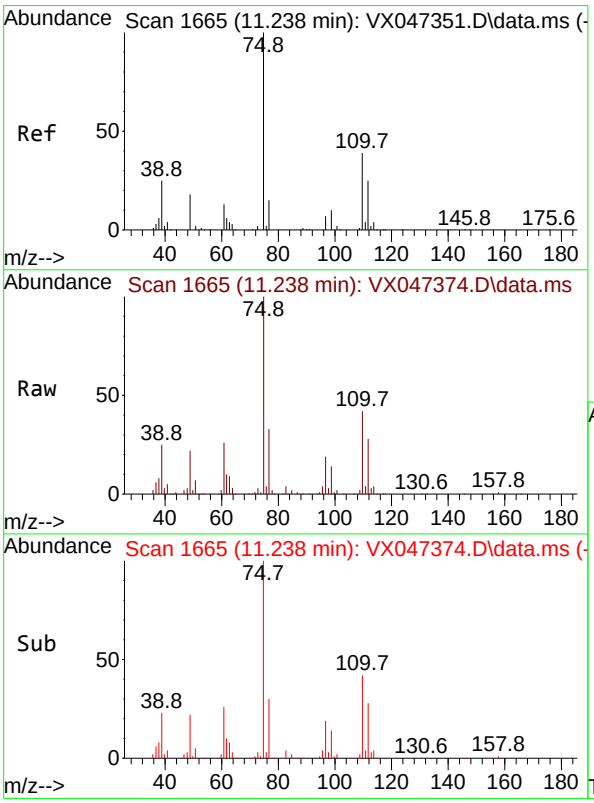
#75
1,1,2,2-Tetrachloroethane
Concen: 19.357 ug/l
RT: 11.207 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

Tgt Ion: 83 Resp: 87881

Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.0	15.0
85	64.9	31.7	95.1

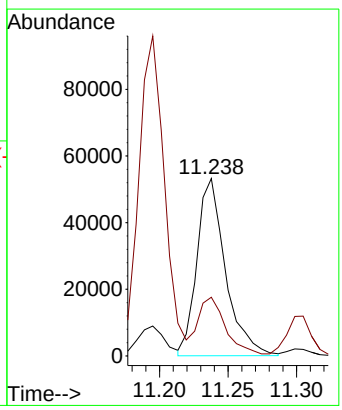


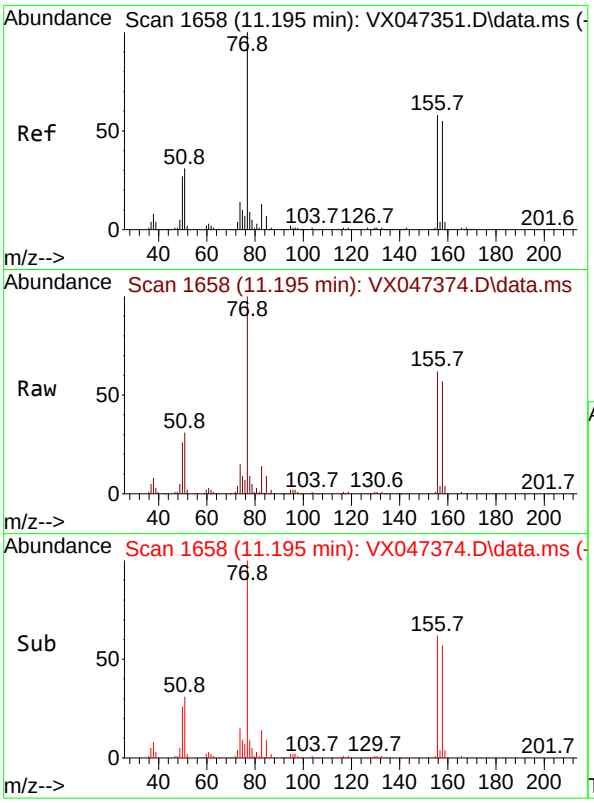


#76
1,2,3-Trichloropropane
Concen: 21.303 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 75 Resp: 77206

Ion	Ratio	Lower	Upper
75	100		
77	33.0	19.4	58.2



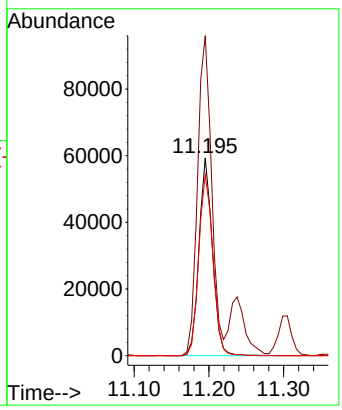


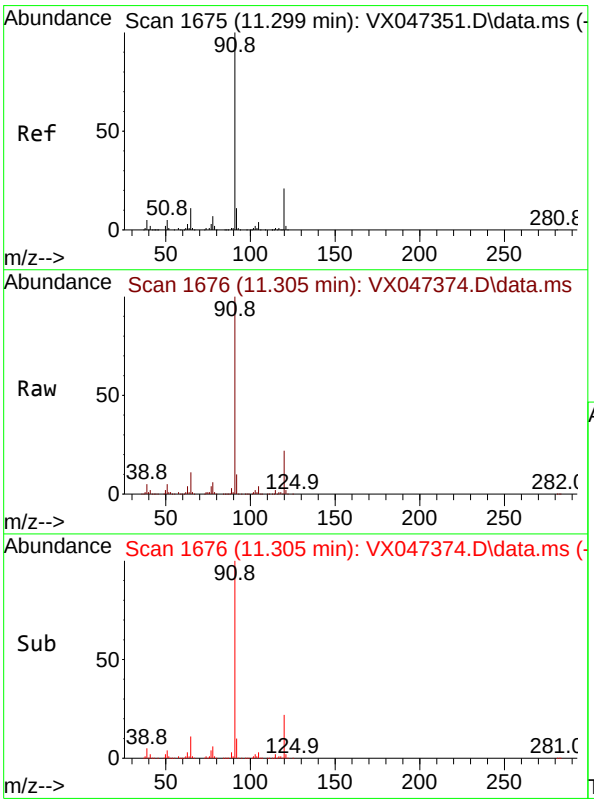
#77
Bromobenzene
Concen: 19.702 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

Tgt Ion:156 Resp: 74393

Ion	Ratio	Lower	Upper
156	100		
77	168.5	86.3	258.9
158	95.5	48.0	144.2

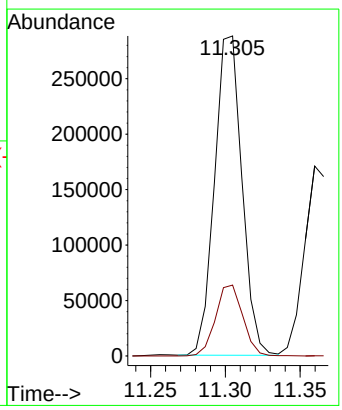


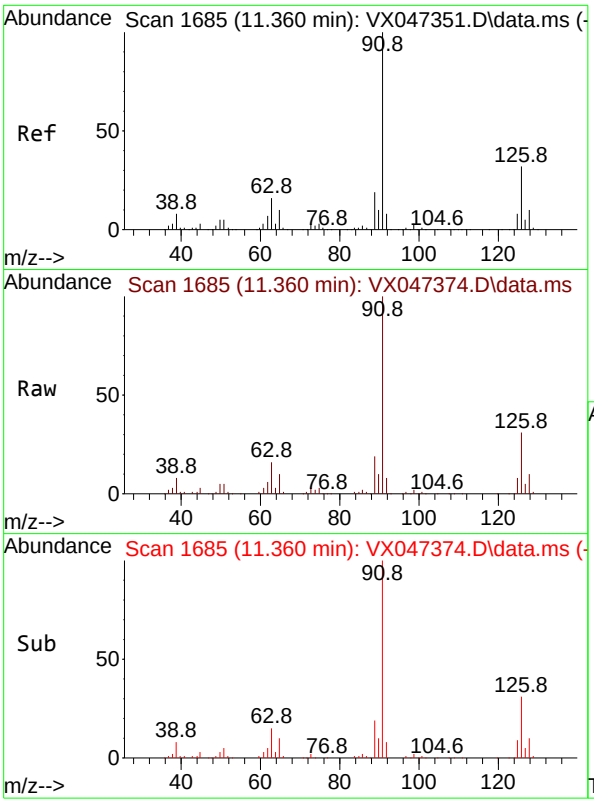


#78
n-propylbenzene
Concen: 19.888 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 91 Resp: 367285

Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.0	33.0



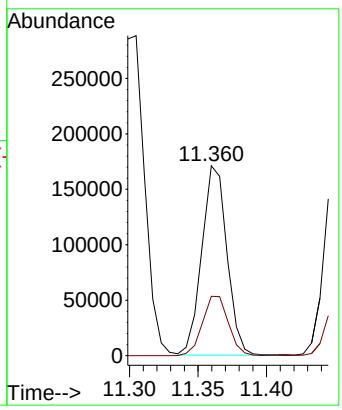


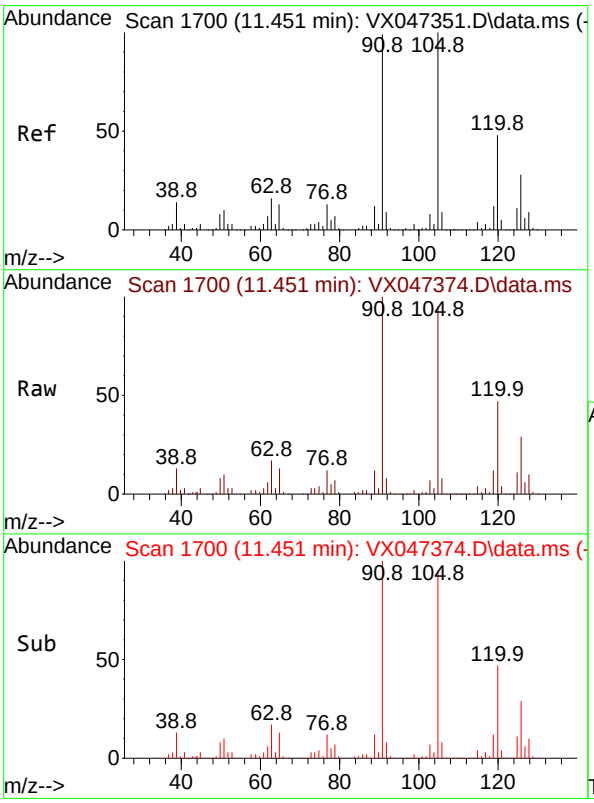
#79
2-Chlorotoluene
Concen: 19.548 ug/l
RT: 11.360 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

Tgt Ion: 91 Resp: 218232

Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.7	50.1

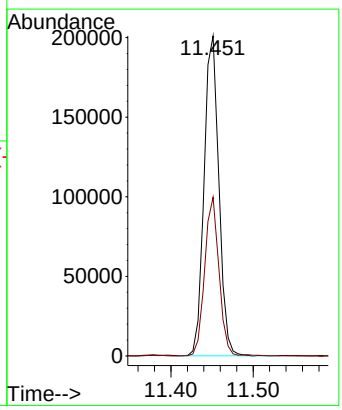


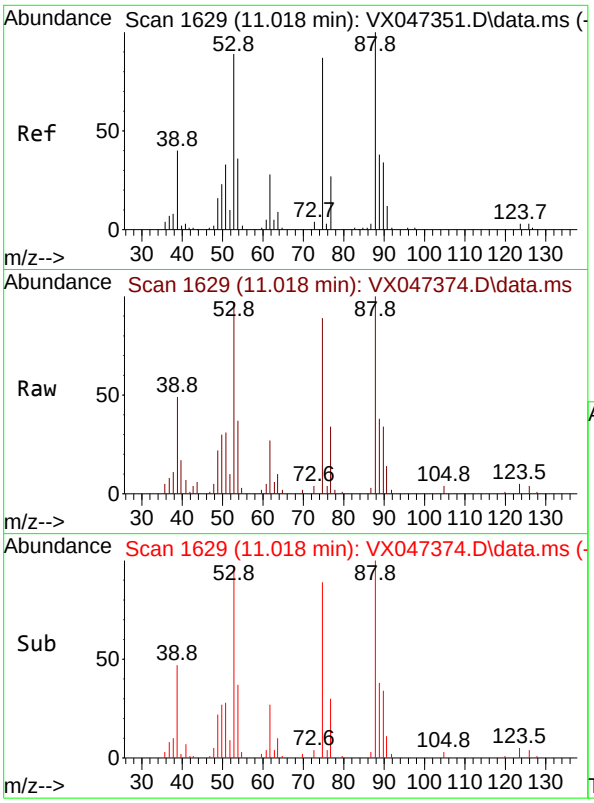


#80
1,3,5-Trimethylbenzene
Concen: 19.707 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion:105 Resp: 250724

Ion	Ratio	Lower	Upper
105	100		
120	48.1	23.9	71.7



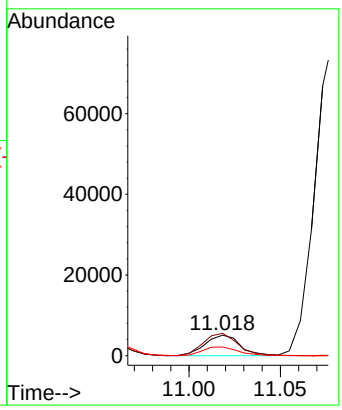


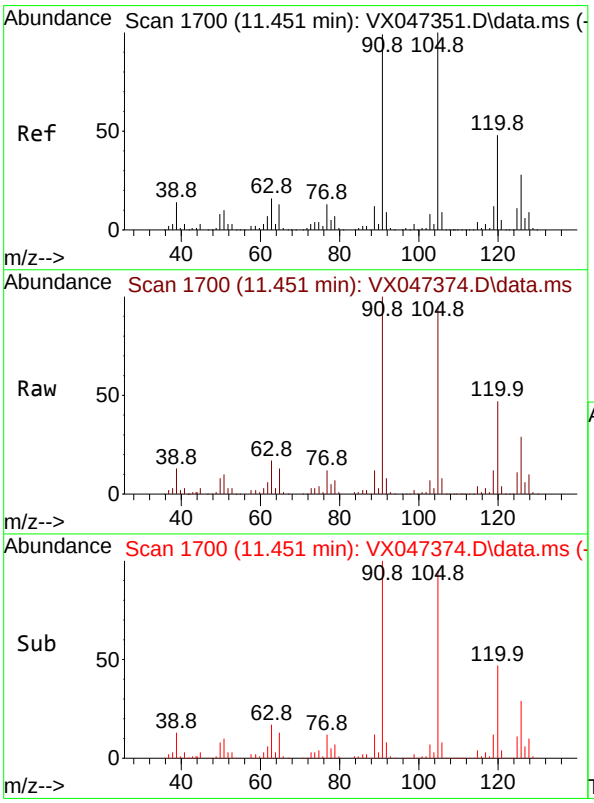
#81
trans-1,4-Dichloro-2-butene
Concen: 14.737 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

Tgt Ion: 75 Resp: 6799

Ion	Ratio	Lower	Upper
75	100		
53	107.7	85.2	127.8
89	44.1	36.7	55.1

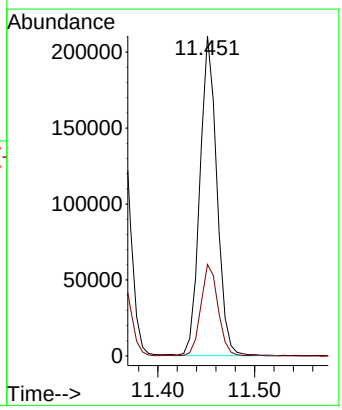


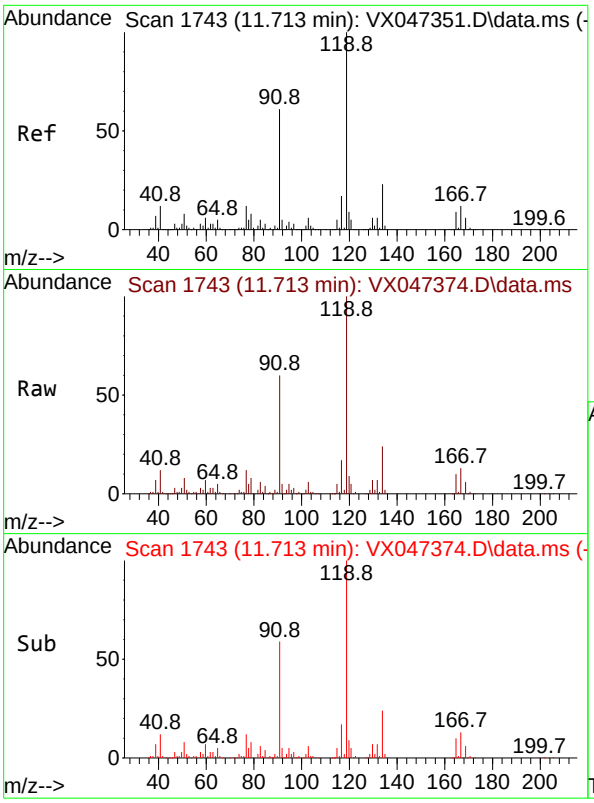


#82
4-Chlorotoluene
Concen: 19.496 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 91 Resp: 256557

Ion	Ratio	Lower	Upper
91	100		
126	28.8	14.4	43.0



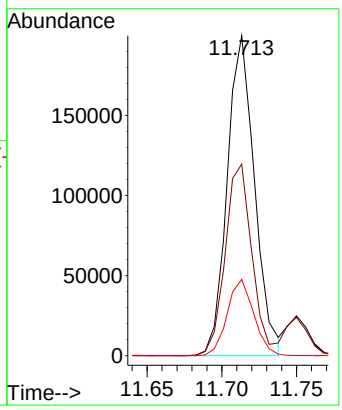


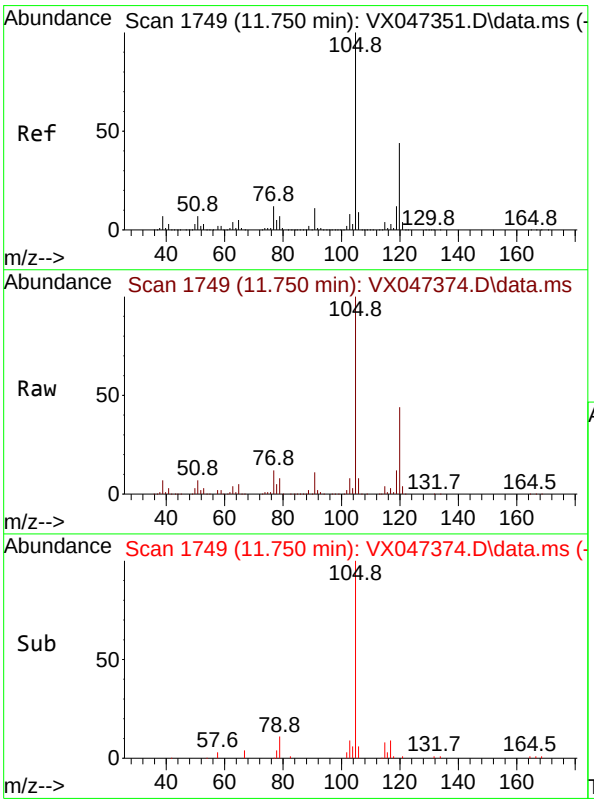
#83
tert-Butylbenzene
Concen: 20.048 ug/l
RT: 11.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

Tgt Ion:119 Resp: 254465

Ion	Ratio	Lower	Upper
119	100		
91	57.9	29.1	87.4
134	23.1	11.3	33.9

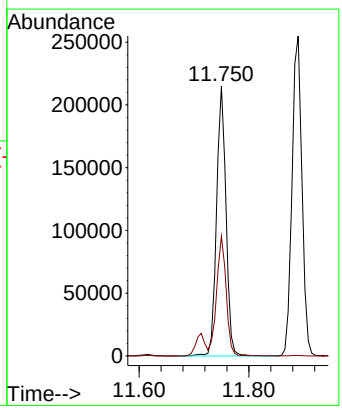


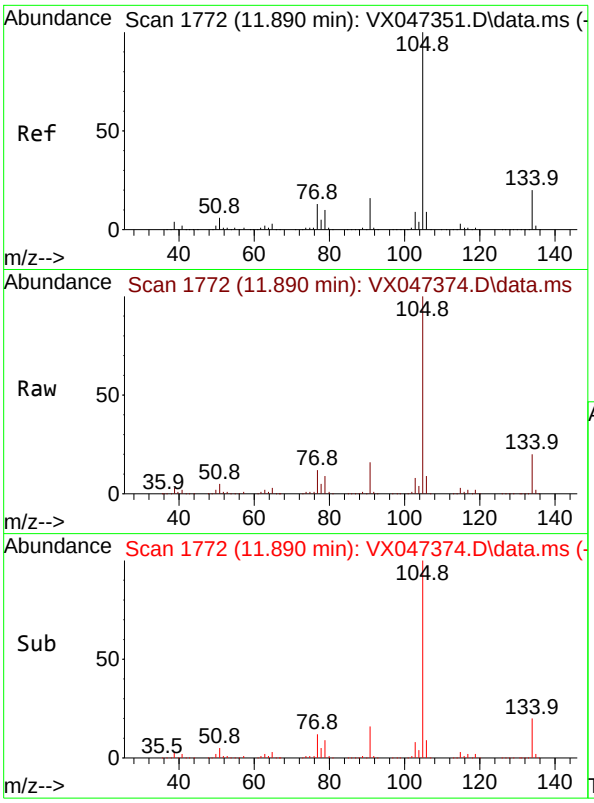


#84
1,2,4-Trimethylbenzene
Concen: 20.190 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion:105 Resp: 256880

Ion	Ratio	Lower	Upper
105	100		
120	44.8	21.9	65.7



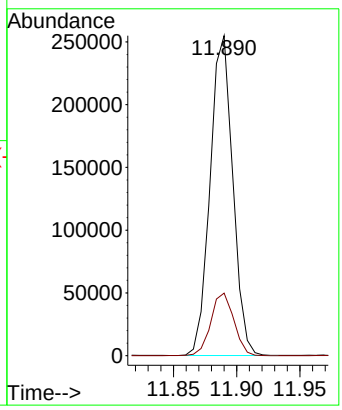


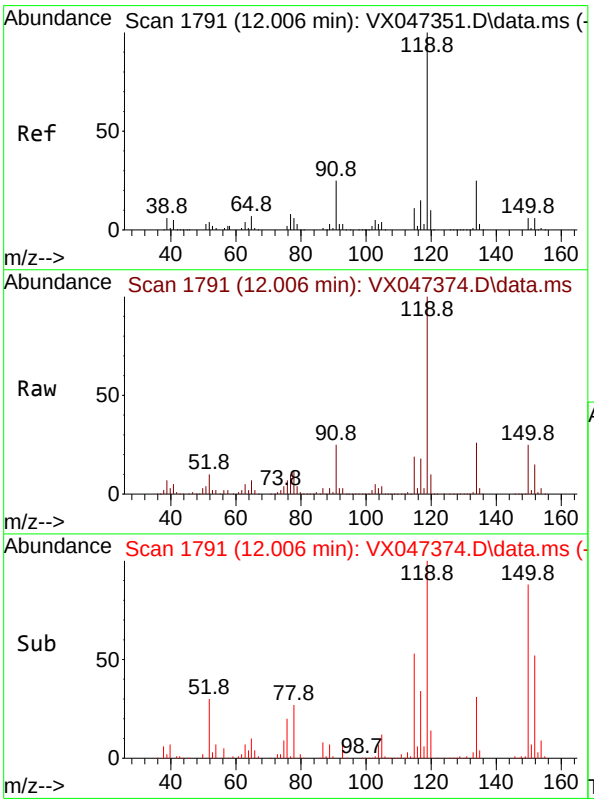
#85
sec-Butylbenzene
Concen: 20.203 ug/l
RT: 11.890 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

Tgt Ion:105 Resp: 317850

Ion	Ratio	Lower	Upper
105	100		
134	19.9	9.8	29.5

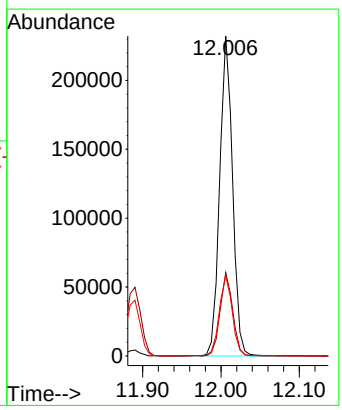


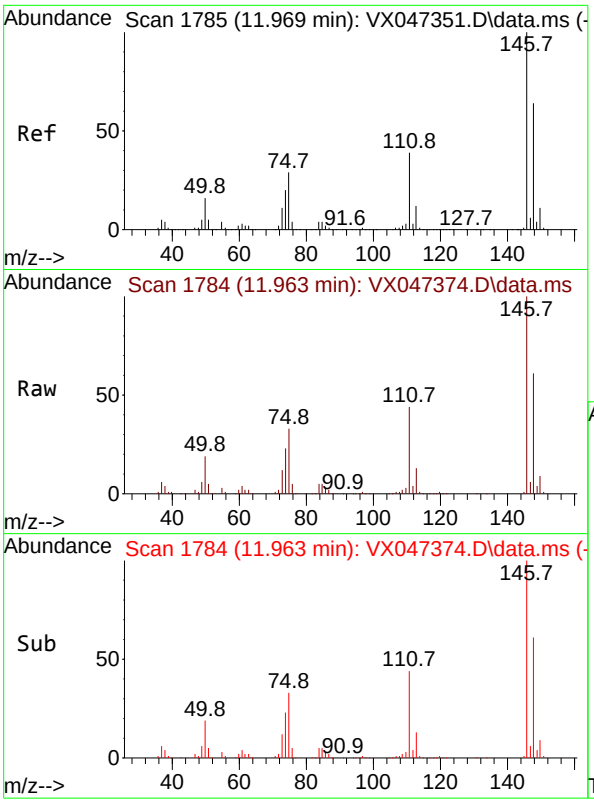


#86
p-Isopropyltoluene
Concen: 19.987 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion:119 Resp: 266082

Ion	Ratio	Lower	Upper
119	100		
134	25.6	12.8	38.4
91	25.4	12.4	37.4



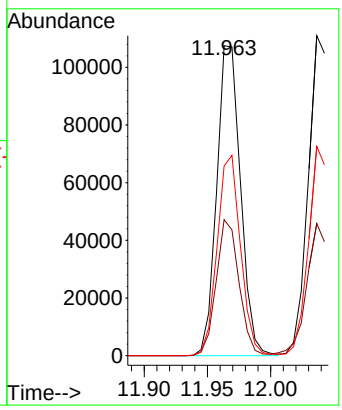


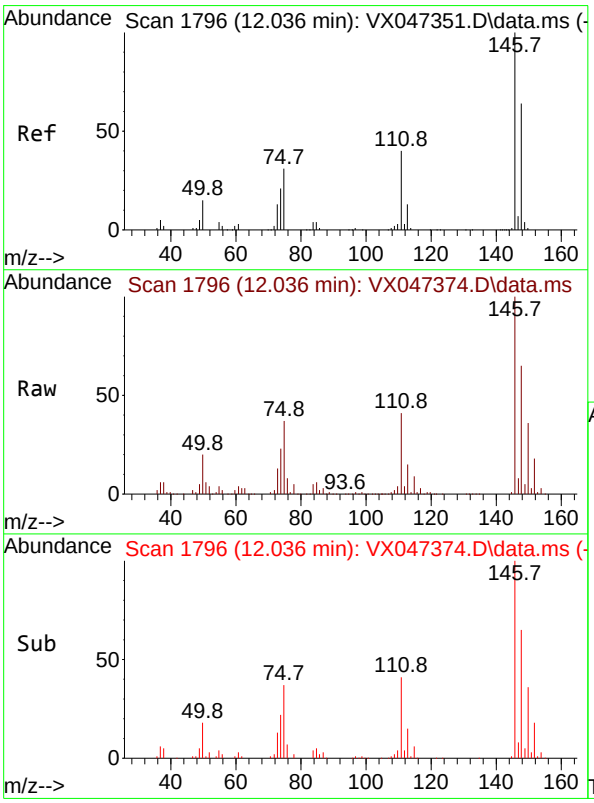
#87
1,3-Dichlorobenzene
Concen: 19.511 ug/l
RT: 11.963 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

Tgt Ion:146 Resp: 140744

Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.6	61.8
148	63.4	31.9	95.5

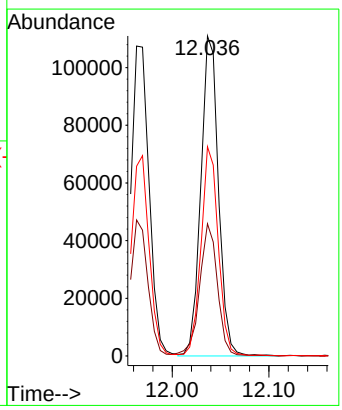


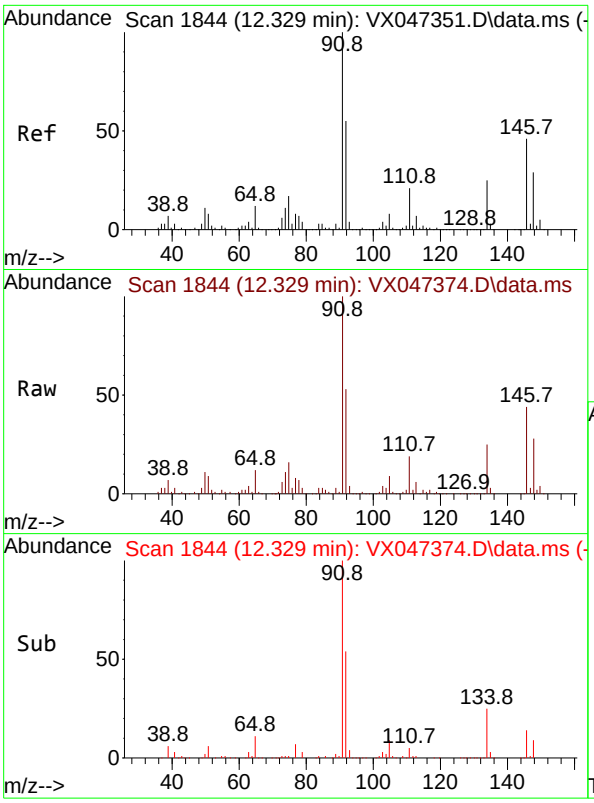


#88
1,4-Dichlorobenzene
Concen: 19.010 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion:146 Resp: 141033

Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.4	61.2
148	63.5	31.7	95.1



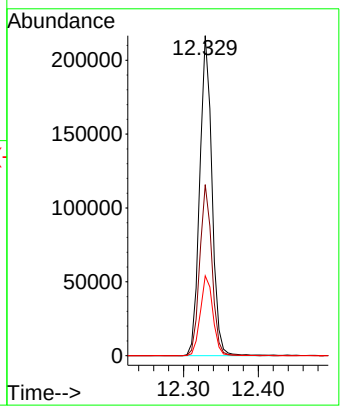


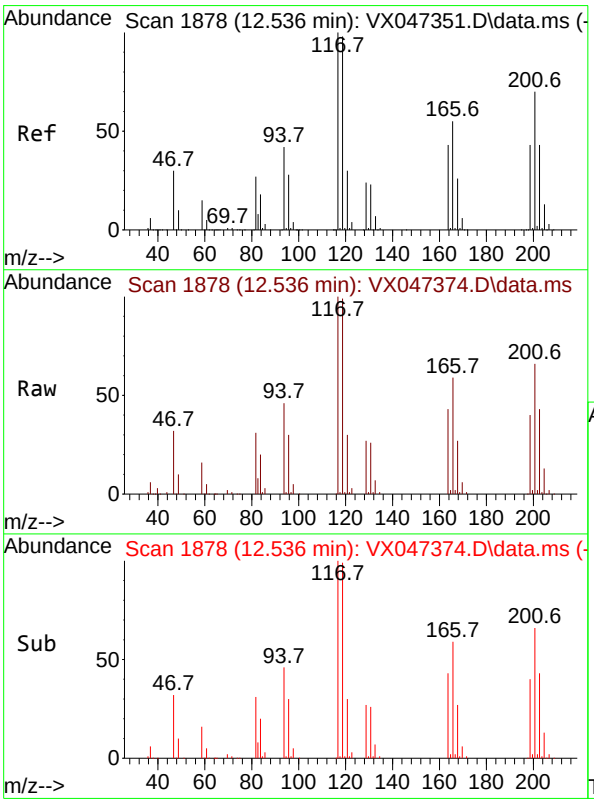
#89
n-Butylbenzene
Concen: 19.856 ug/l
RT: 12.329 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

Tgt Ion: 91 Resp: 245865

Ion	Ratio	Lower	Upper
91	100		
92	53.2	27.2	81.5
134	25.7	12.6	37.8

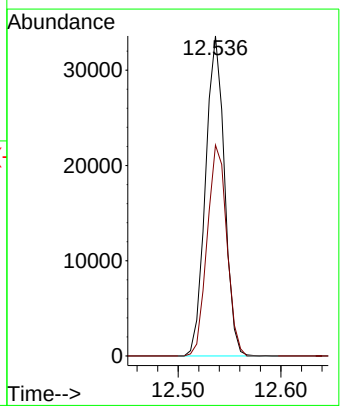


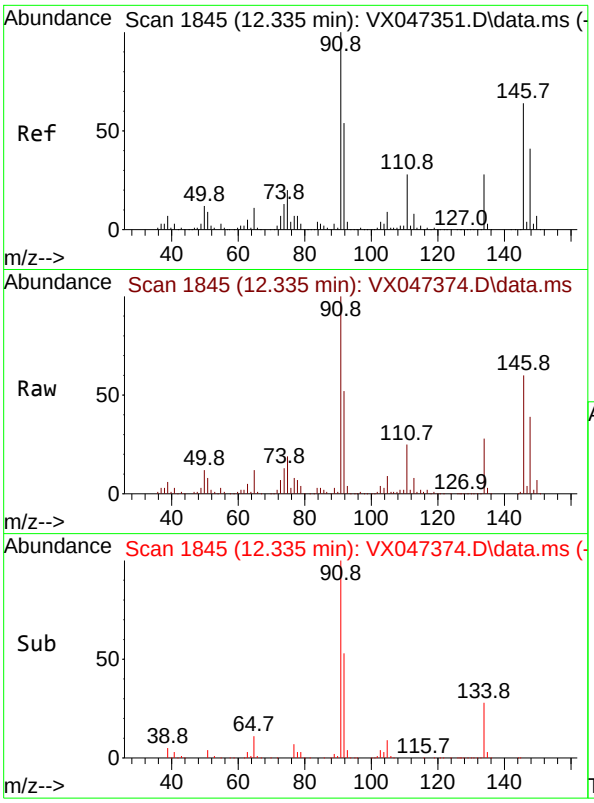


#90
Hexachloroethane
Concen: 18.488 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion:117 Resp: 43179

Ion	Ratio	Lower	Upper
117	100		
201	68.1	35.1	105.3



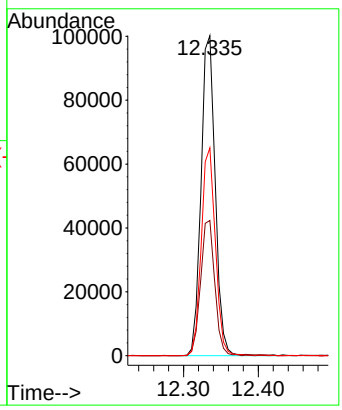


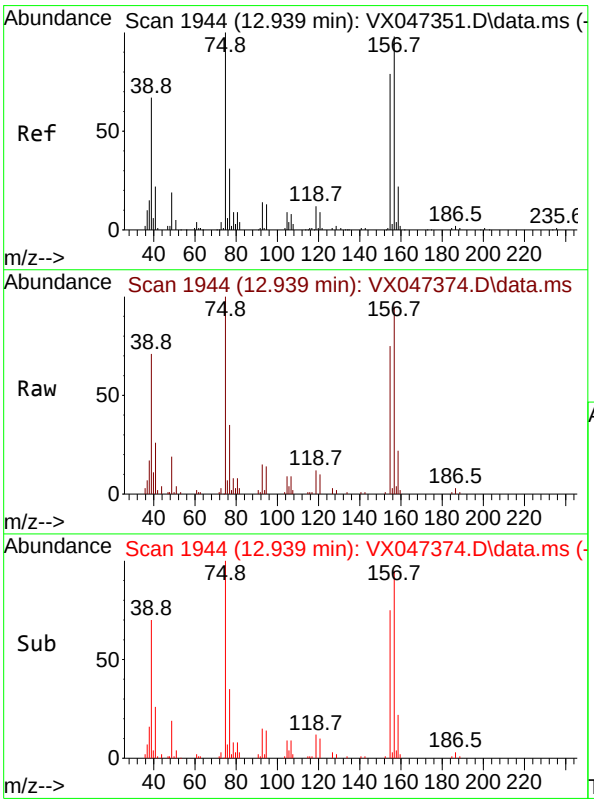
#91
1,2-Dichlorobenzene
Concen: 19.282 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

Tgt Ion:146 Resp: 132017

Ion	Ratio	Lower	Upper
146	100		
111	42.4	22.1	66.1
148	64.9	31.9	95.5

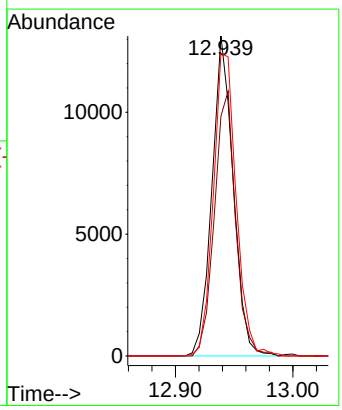


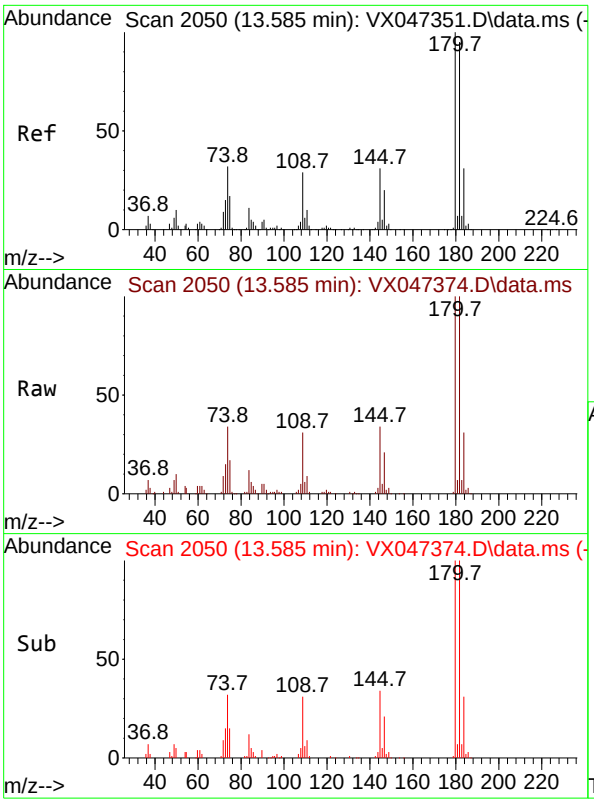


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.808 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion: 75 Resp: 16513

Ion	Ratio	Lower	Upper
75	100		
155	82.7	41.3	123.7
157	101.8	51.5	154.5



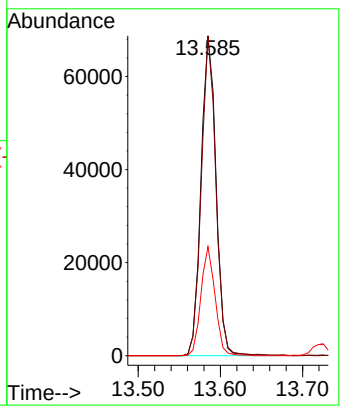


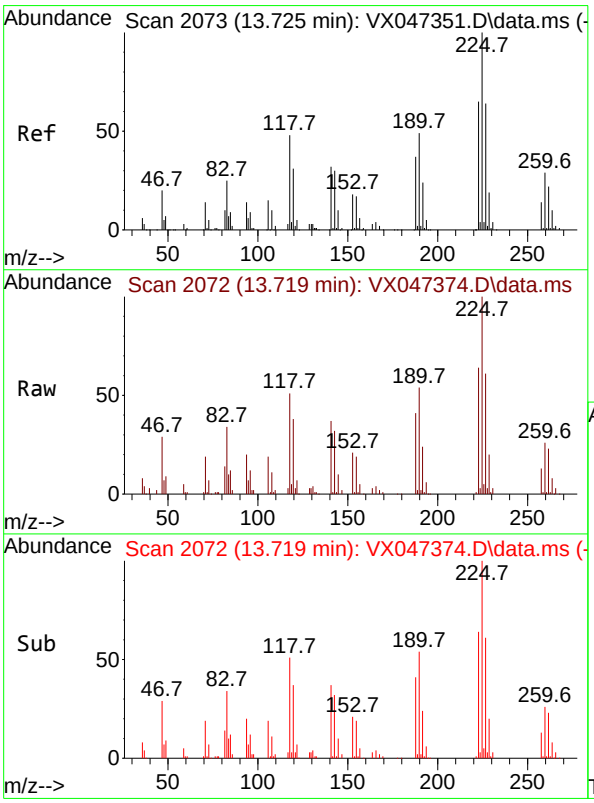
#93
1,2,4-Trichlorobenzene
Concen: 18.974 ug/l
RT: 13.585 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

Tgt Ion:180 Resp: 87089

Ion	Ratio	Lower	Upper
180	100		
182	97.0	48.1	144.4
145	32.0	16.2	48.5

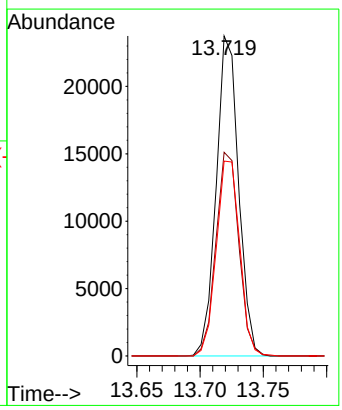


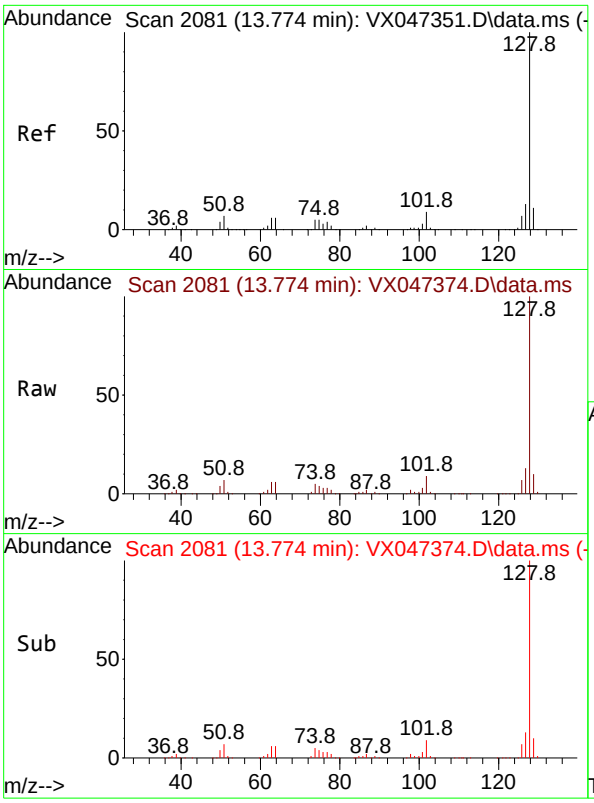


#94
Hexachlorobutadiene
Concen: 17.856 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion:225 Resp: 29173

Ion	Ratio	Lower	Upper
225	100		
223	65.1	32.2	96.6
227	63.8	31.6	95.0



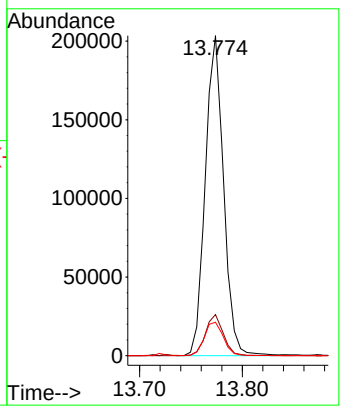


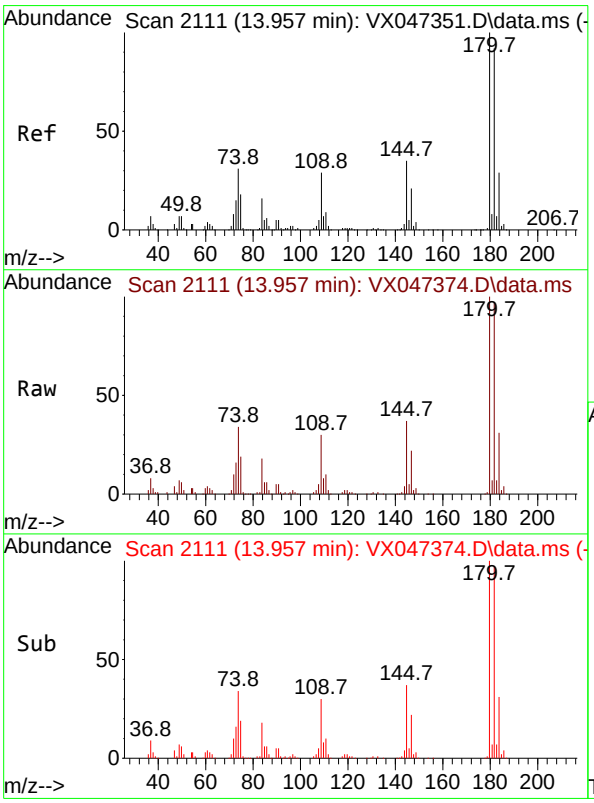
#95
Naphthalene
Concen: 19.219 ug/l
RT: 13.774 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0818WBS01

Tgt Ion:128 Resp: 252094

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.1	15.1
129	11.0	8.7	13.1

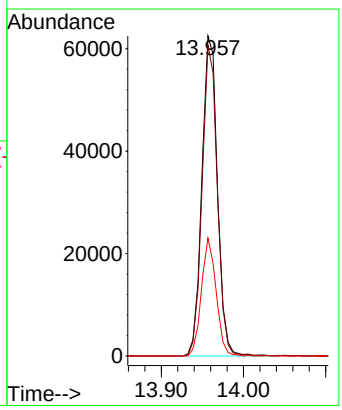




#96
1,2,3-Trichlorobenzene
Concen: 18.987 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047374.D
Acq: 18 Aug 2025 12:17

Tgt Ion:180 Resp: 82149

Ion	Ratio	Lower	Upper
180	100		
182	94.7	48.0	144.2
145	34.7	17.4	52.2



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
Data File : VX047398.D
Acq On : 18 Aug 2025 20:57
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Aug 19 01:51:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.568	168	239104	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	409468	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	364979	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	181876	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	169393	50.620	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.240%			
35) Dibromofluoromethane	5.404	113	134653	50.669	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.340%			
50) Toluene-d8	8.653	98	472396	49.733	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.460%			
62) 4-Bromofluorobenzene	11.079	95	177952	50.769	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.540%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	151457	49.690	ug/l	98
3) Chloromethane	1.313	50	134677	49.117	ug/l	95
4) Vinyl Chloride	1.392	62	161209	46.841	ug/l	98
5) Bromomethane	1.624	94	41982	30.200	ug/l	97
6) Chloroethane	1.703	64	100911	47.923	ug/l	100
7) Trichlorofluoromethane	1.904	101	242847	47.704	ug/l	100
8) Diethyl Ether	2.148	74	85280	47.576	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.349	101	144462	48.921	ug/l	99
10) Methyl Iodide	2.471	142	139225	27.512	ug/l	97
11) Tert butyl alcohol	2.965	59	82261	282.575	ug/l	100
12) 1,1-Dichloroethene	2.337	96	141611	47.039	ug/l	95
13) Acrolein	2.252	56	8966	14.590	ug/l	92
14) Allyl chloride	2.684	41	217448	41.586	ug/l	98
15) Acrylonitrile	3.081	53	363973	258.742	ug/l	99
16) Acetone	2.392	43	299617	238.203	ug/l	99
17) Carbon Disulfide	2.532	76	425517	46.840	ug/l	98
18) Methyl Acetate	2.715	43	176982	54.297	ug/l	100
19) Methyl tert-butyl Ether	3.130	73	453492	49.516	ug/l	97
20) Methylene Chloride	2.806	84	157641	47.329	ug/l	98
21) trans-1,2-Dichloroethene	3.111	96	149432	46.767	ug/l	97
22) Diisopropyl ether	3.776	45	511346	49.473	ug/l	96
23) Vinyl Acetate	3.739	43	2084668	246.075	ug/l	99
24) 1,1-Dichloroethane	3.629	63	280167	47.957	ug/l	99
25) 2-Butanone	4.568	43	436669	265.075	ug/l	99
26) 2,2-Dichloropropane	4.495	77	175530	39.808	ug/l	97
27) cis-1,2-Dichloroethene	4.501	96	175340	47.114	ug/l	98
28) Bromochloromethane	4.910	49	118660	48.810	ug/l	100
29) Tetrahydrofuran	5.026	42	283761	266.507	ug/l	98
30) Chloroform	5.111	83	286078	47.982	ug/l	97
31) Cyclohexane	5.489	56	254659	47.287	ug/l	97
32) 1,1,1-Trichloroethane	5.397	97	245866	47.909	ug/l	99
36) 1,1-Dichloropropene	5.708	75	199797	47.627	ug/l	99
37) Ethyl Acetate	4.727	43	210513	48.337	ug/l	99
38) Carbon Tetrachloride	5.696	117	215992	47.116	ug/l	99
39) Methylcyclohexane	7.391	83	247122	47.227	ug/l	95
40) Benzene	6.050	78	598209	47.641	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
Data File : VX047398.D
Acq On : 18 Aug 2025 20:57
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Aug 19 01:51:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.940	41	91908	50.045	ug/l		95
42) 1,2-Dichloroethane	6.098	62	211887	47.640	ug/l		100
43) Isopropyl Acetate	6.348	43	317114	50.686	ug/l		100
44) Trichloroethene	7.135	130	151205	47.029	ug/l		99
45) 1,2-Dichloropropane	7.434	63	149932	47.663	ug/l		98
46) Dibromomethane	7.586	93	108086	47.328	ug/l		99
47) Bromodichloromethane	7.824	83	224833	47.489	ug/l		99
48) Methyl methacrylate	7.696	41	163233	50.264	ug/l		98
49) 1,4-Dioxane	7.684	88	33800	1070.636	ug/l		99
51) 4-Methyl-2-Pentanone	8.574	43	957168	265.854	ug/l		98
52) Toluene	8.720	92	371391	47.866	ug/l		100
53) t-1,3-Dichloropropene	8.982	75	200913	48.624	ug/l		98
54) cis-1,3-Dichloropropene	8.372	75	218646	46.750	ug/l		98
55) 1,1,2-Trichloroethane	9.153	97	141129	47.906	ug/l		99
56) Ethyl methacrylate	9.116	69	221781	51.063	ug/l		99
57) 1,3-Dichloropropane	9.311	76	241320	48.073	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	531511	256.065	ug/l		100
59) 2-Hexanone	9.433	43	663645	266.477	ug/l		99
60) Dibromochloromethane	9.519	129	167507	47.846	ug/l		100
61) 1,2-Dibromoethane	9.610	107	147057	48.409	ug/l		98
64) Tetrachloroethene	9.275	164	127728	48.383	ug/l		97
65) Chlorobenzene	10.079	112	407823	47.020	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	141328	48.203	ug/l		100
67) Ethyl Benzene	10.195	91	721774	48.350	ug/l		98
68) m/p-Xylenes	10.299	106	543135	97.575	ug/l		100
69) o-Xylene	10.640	106	260931	48.711	ug/l		99
70) Styrene	10.653	104	443043	48.950	ug/l		99
71) Bromoform	10.799	173	109693	49.800	ug/l	#	100
73) Isopropylbenzene	10.963	105	685100	48.136	ug/l		99
74) N-amyl acetate	10.842	43	283144	52.388	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	203458	48.688	ug/l		98
76) 1,2,3-Trichloropropane	11.238	75	198139	59.398	ug/l		90
77) Bromobenzene	11.195	156	162609	46.788	ug/l		99
78) n-propylbenzene	11.305	91	815287	47.963	ug/l		100
79) 2-Chlorotoluene	11.360	91	483943	47.097	ug/l		98
80) 1,3,5-Trimethylbenzene	11.451	105	559007	47.736	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	32344	43.382	ug/l		99
82) 4-Chlorotoluene	11.451	91	564800	46.629	ug/l		99
83) tert-Butylbenzene	11.713	119	559489	47.888	ug/l		97
84) 1,2,4-Trimethylbenzene	11.750	105	565346	48.276	ug/l		100
85) sec-Butylbenzene	11.890	105	706315	48.776	ug/l		100
86) p-Isopropyltoluene	12.006	119	588746	48.046	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	307335	46.289	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	308887	45.233	ug/l		99
89) n-Butylbenzene	12.329	91	548981	48.167	ug/l		100
90) Hexachloroethane	12.536	117	104319	48.527	ug/l		95
91) 1,2-Dichlorobenzene	12.335	146	291404	46.240	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	41583	51.455	ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	199368	47.190	ug/l		97
94) Hexachlorobutadiene	13.719	225	69851	46.449	ug/l		100
95) Naphthalene	13.774	128	614882	50.928	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	188409	47.311	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
Data File : VX047398.D
Acq On : 18 Aug 2025 20:57
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Aug 19 01:51:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

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

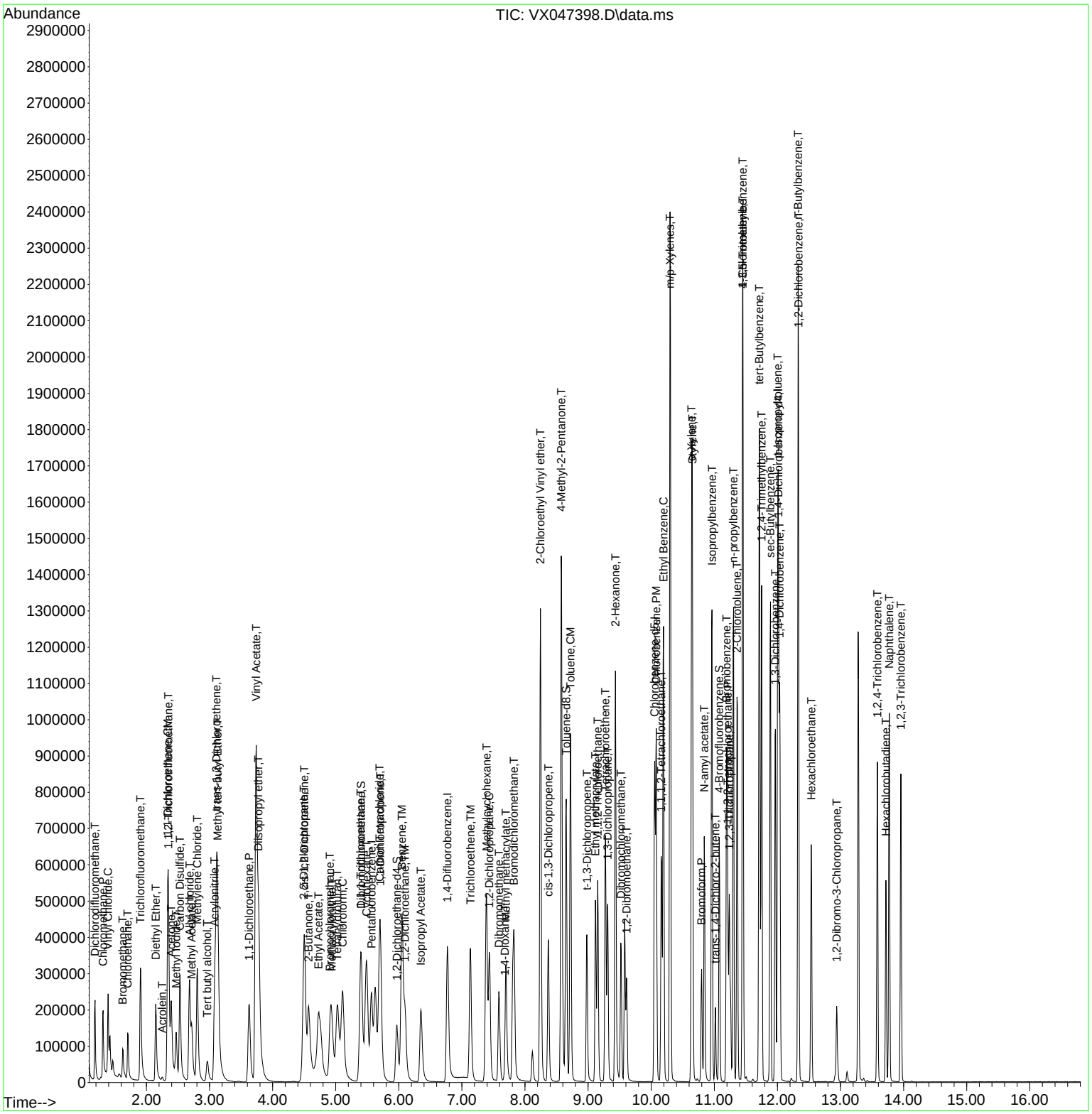
(#) = qualifier out of range (m) = manual integration (+) = signals summed

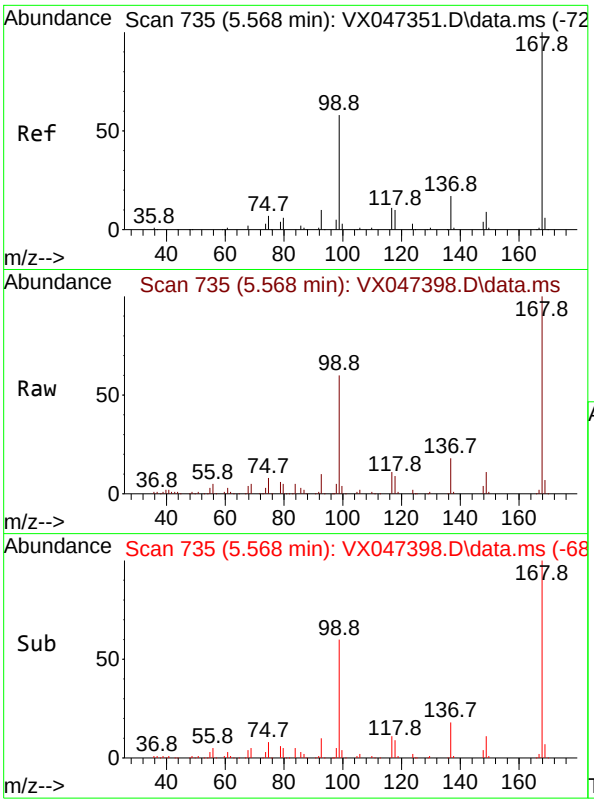
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
Data File : VX047398.D
Acq On : 18 Aug 2025 20:57
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Aug 19 01:51:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration



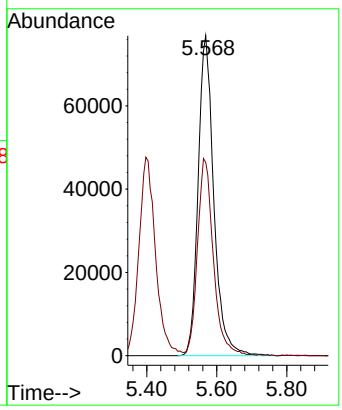


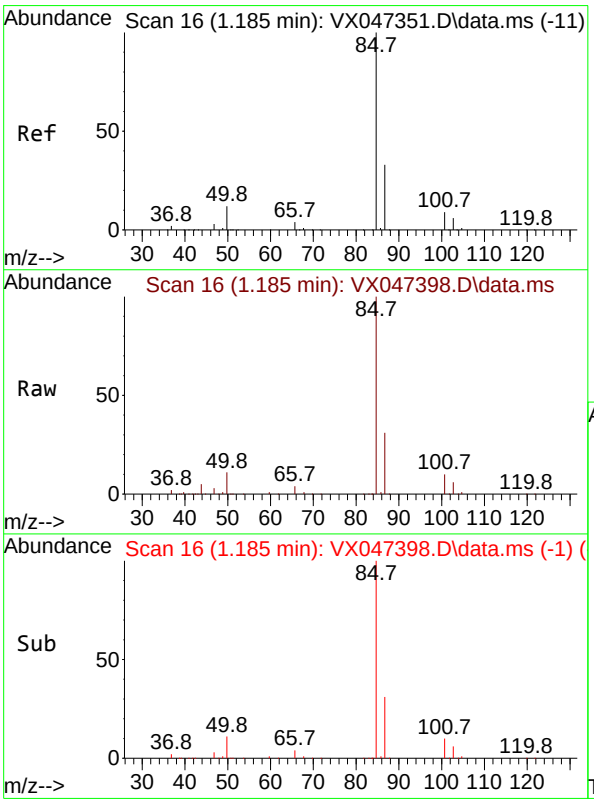
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 239104

Ion	Ratio	Lower	Upper
168	100		
99	60.4	47.9	71.9

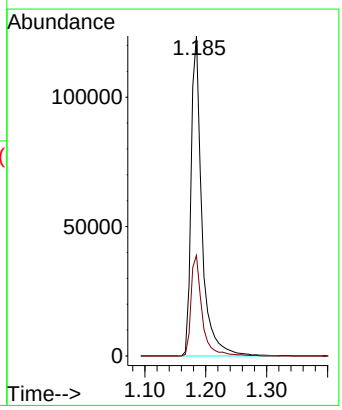


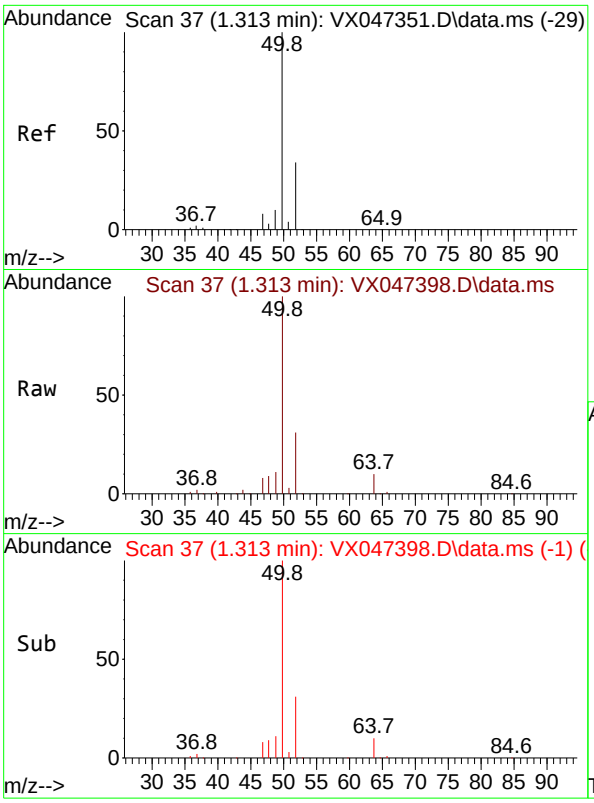


#2
Dichlorodifluoromethane
Concen: 49.690 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 85 Resp: 151457

Ion	Ratio	Lower	Upper
85	100		
87	31.5	16.4	49.1



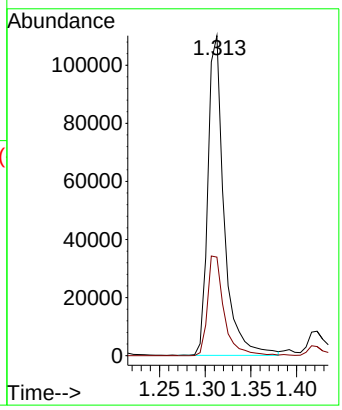


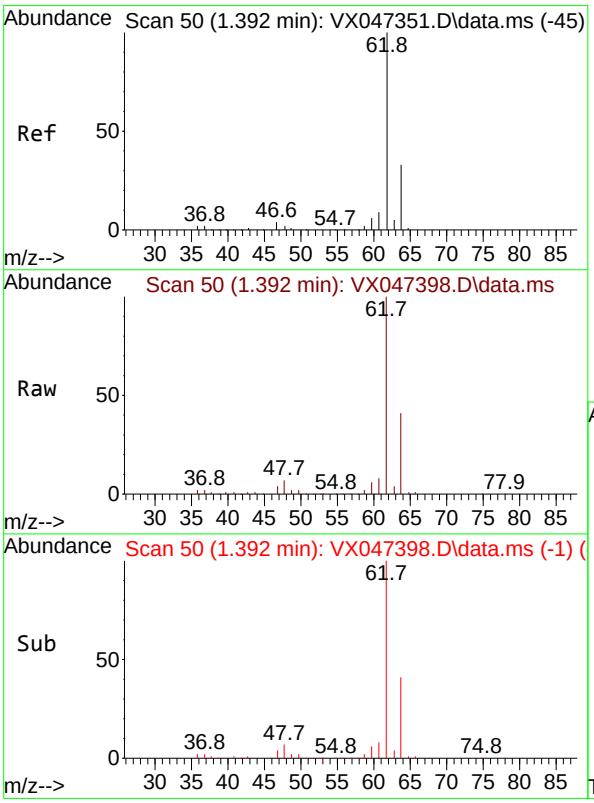
#3
Chloromethane
Concen: 49.117 ug/l
RT: 1.313 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 134677

Ion	Ratio	Lower	Upper
50	100		
52	30.8	27.0	40.4

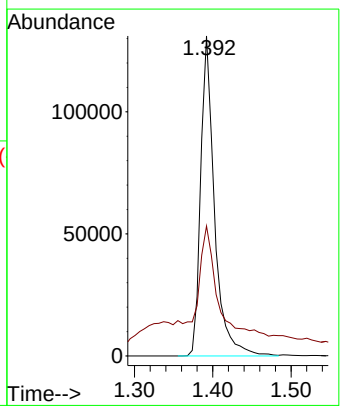


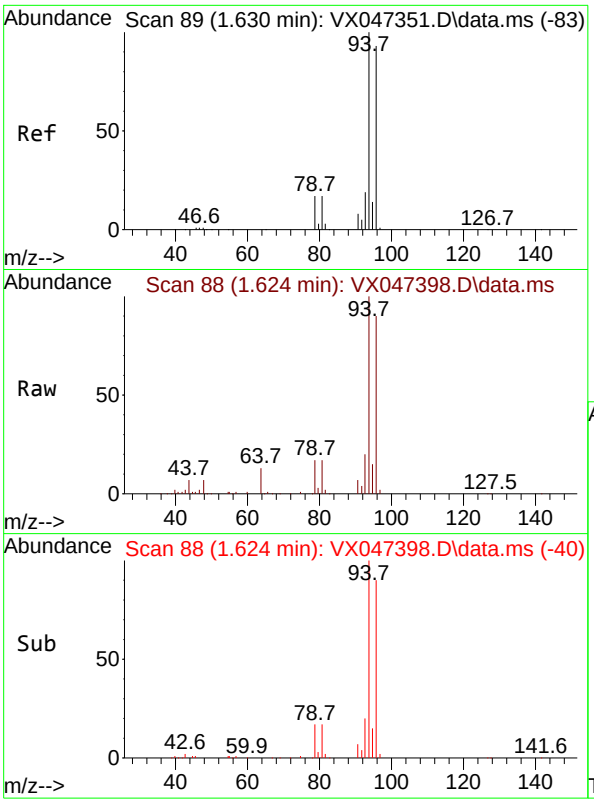


#4
Vinyl Chloride
Concen: 46.841 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 62 Resp: 161209

Ion	Ratio	Lower	Upper
62	100		
64	34.3	26.5	39.7



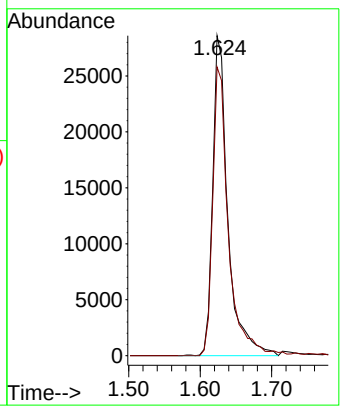


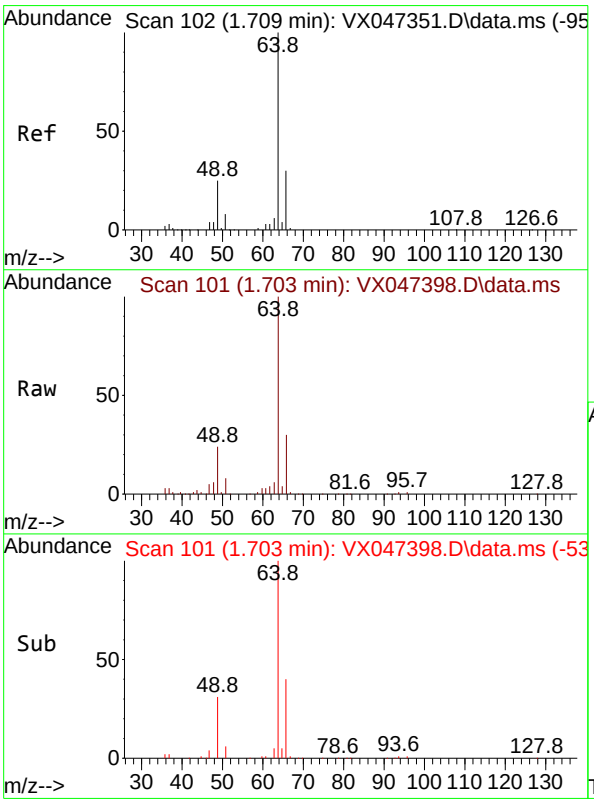
#5
Bromomethane
Concen: 30.200 ug/l
RT: 1.624 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 94 Resp: 41982

Ion	Ratio	Lower	Upper
94	100		
96	90.2	74.7	112.1

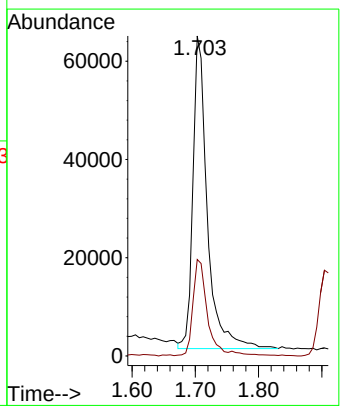


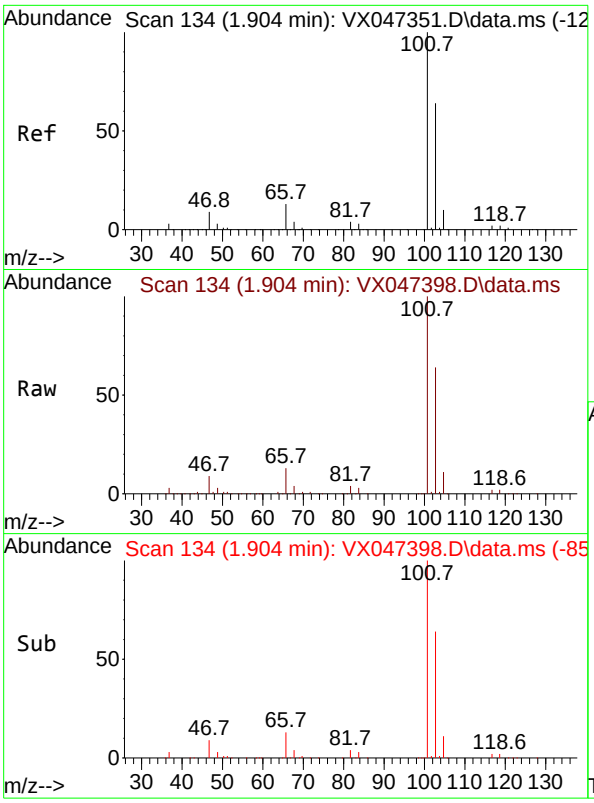


#6
Chloroethane
Concen: 47.923 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.006 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 64 Resp: 100911

Ion	Ratio	Lower	Upper
64	100		
66	30.7	24.4	36.6



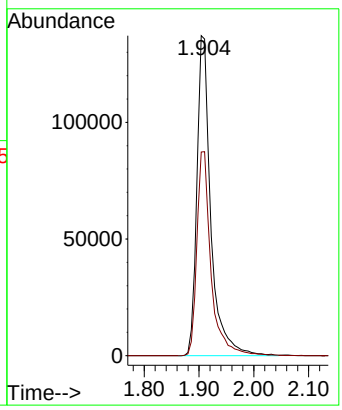


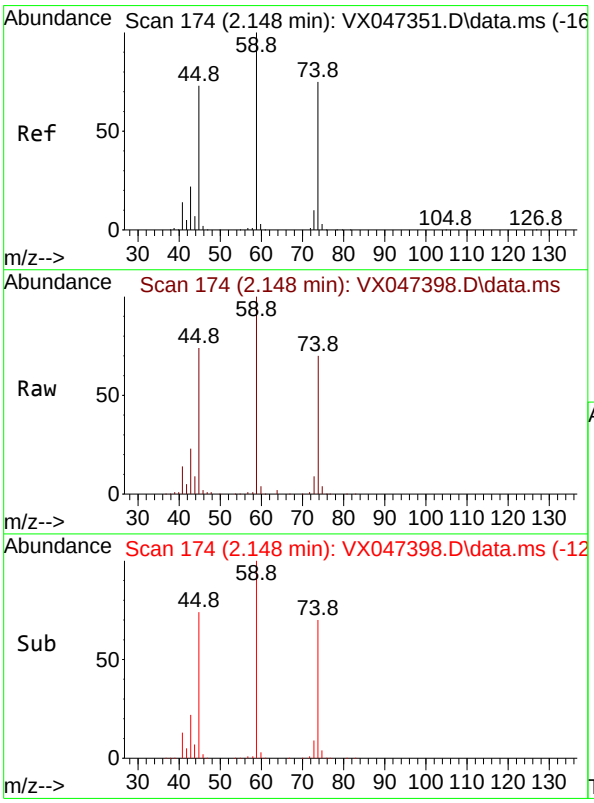
#7
Trichlorofluoromethane
Concen: 47.704 ug/l
RT: 1.904 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 242847

Ion	Ratio	Lower	Upper
101	100		
103	63.6	50.9	76.3

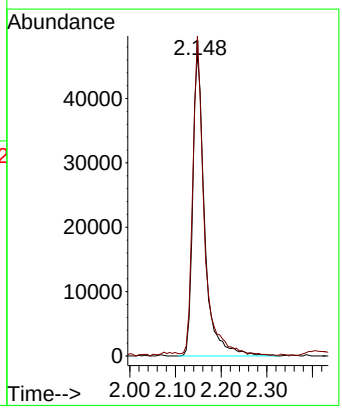


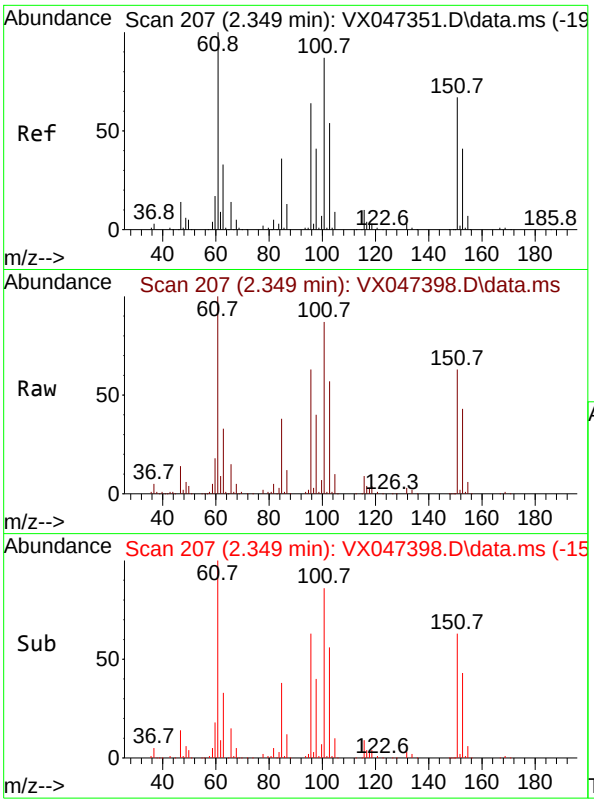


#8
Diethyl Ether
Concen: 47.576 ug/l
RT: 2.148 min Scan# 174
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 74 Resp: 85280

Ion	Ratio	Lower	Upper
74	100		
45	101.8	51.3	154.0



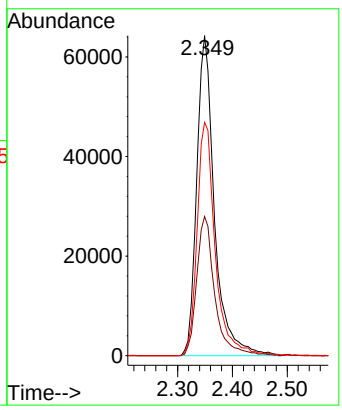


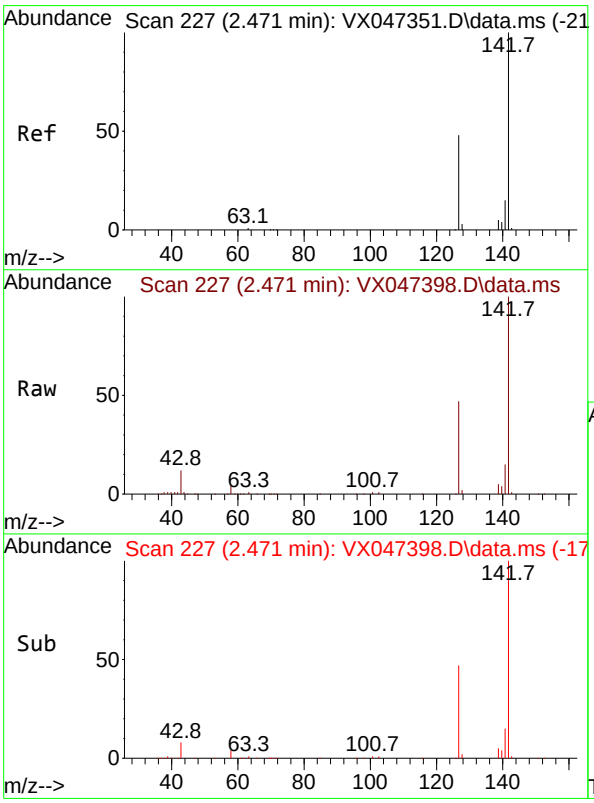
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.921 ug/l
RT: 2.349 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 144462

Ion	Ratio	Lower	Upper
101	100		
85	44.4	34.3	51.5
151	74.8	59.2	88.8

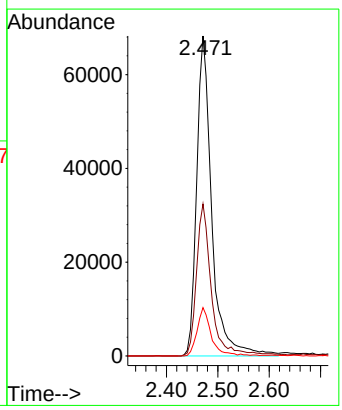


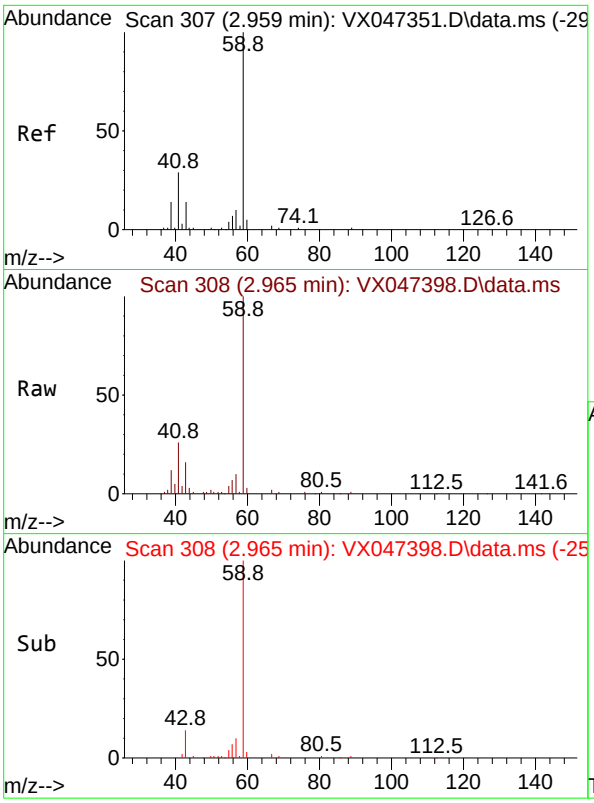


#10
Methyl Iodide
Concen: 27.512 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion:142 Resp: 139225

Ion	Ratio	Lower	Upper
142	100		
127	47.3	36.1	54.1
141	14.3	11.1	16.7



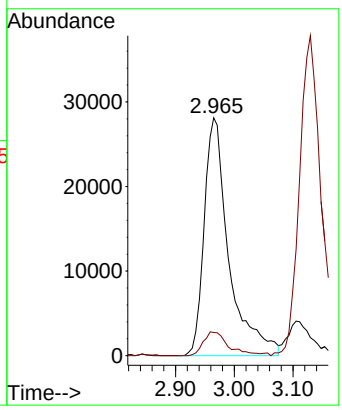


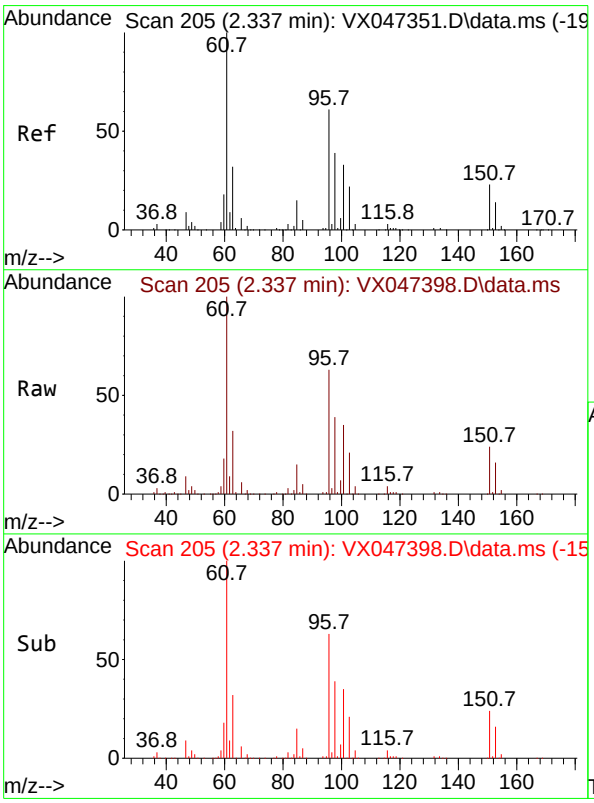
#11
Tert butyl alcohol
Concen: 282.575 ug/l
RT: 2.965 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 82261

Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.3	12.5

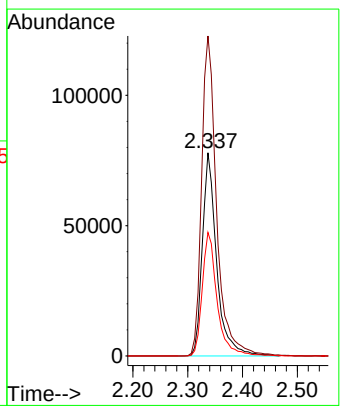


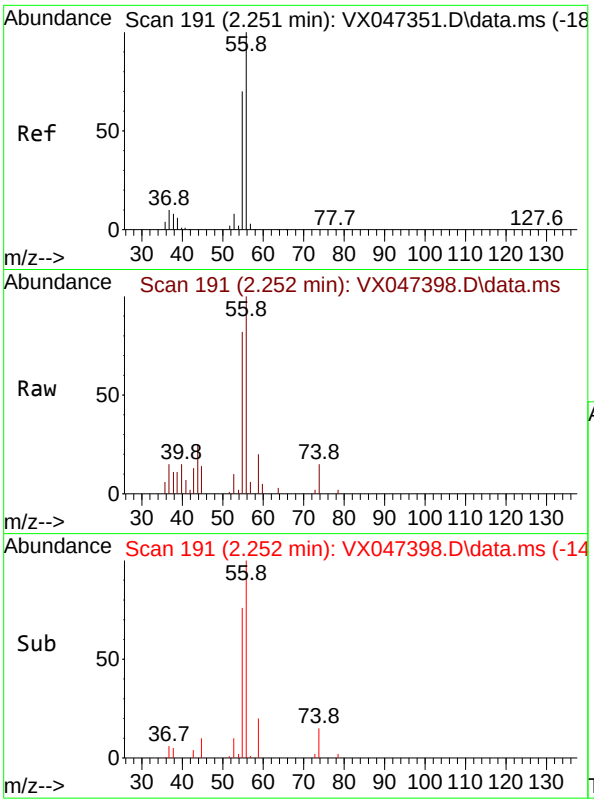


#12
1,1-Dichloroethene
Concen: 47.039 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 96 Resp: 141611

Ion	Ratio	Lower	Upper
96	100		
61	157.5	132.2	198.2
98	62.2	51.2	76.8



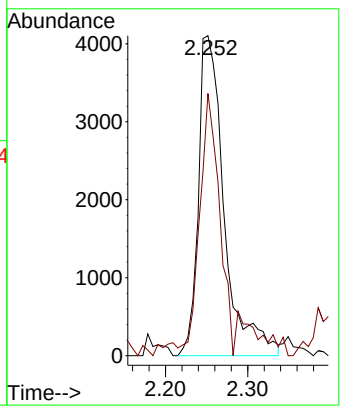


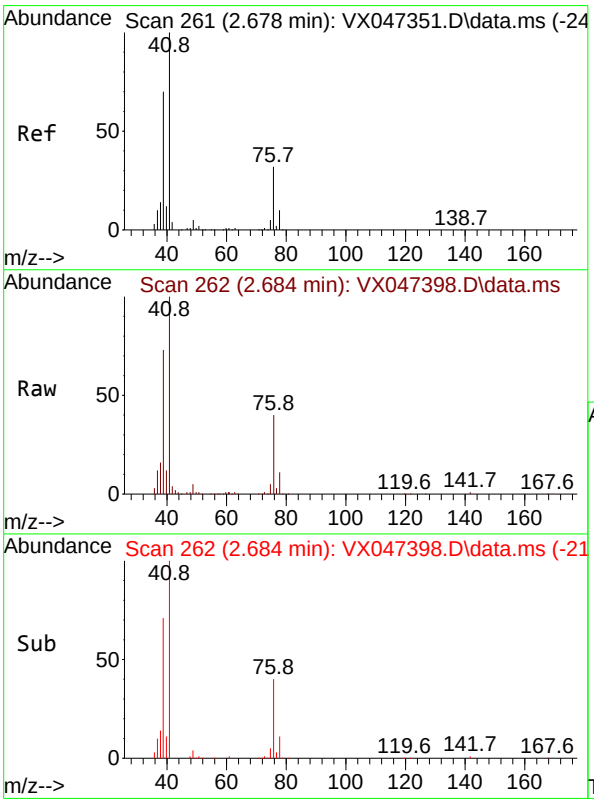
#13
Acrolein
Concen: 14.590 ug/l
RT: 2.252 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 8966

Ion	Ratio	Lower	Upper
56	100		
55	62.5	55.5	83.3

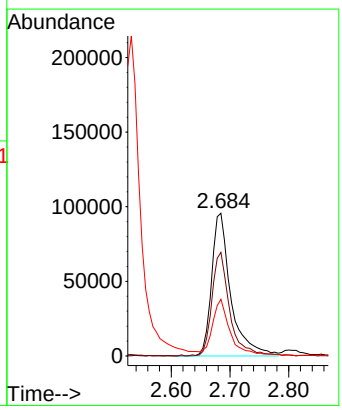


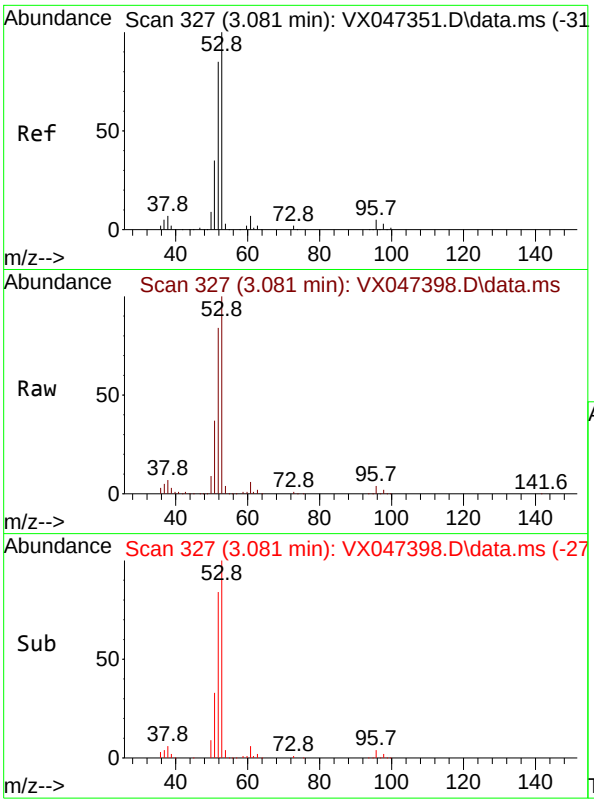


#14
Allyl chloride
Concen: 41.586 ug/l
RT: 2.684 min Scan# 262
Delta R.T. 0.006 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 41 Resp: 217448

Ion	Ratio	Lower	Upper
41	100		
39	67.6	54.6	81.8
76	37.7	27.6	41.4



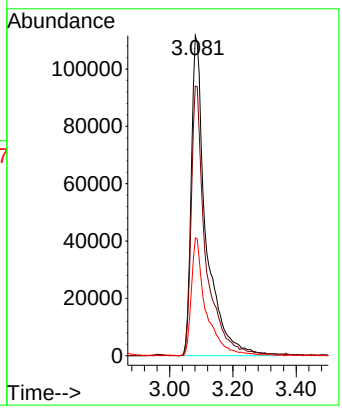


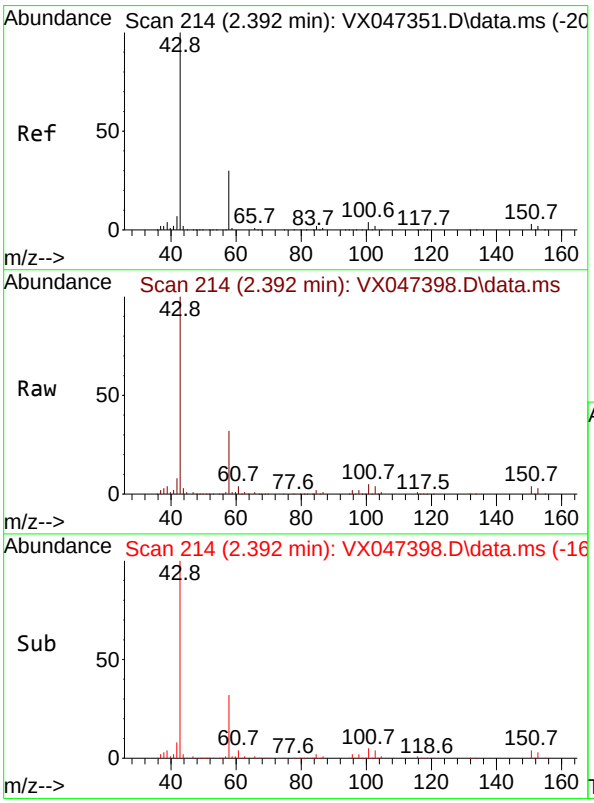
#15
Acrylonitrile
Concen: 258.742 ug/l
RT: 3.081 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 363973

Ion	Ratio	Lower	Upper
53	100		
52	82.2	65.8	98.6
51	36.5	28.2	42.2

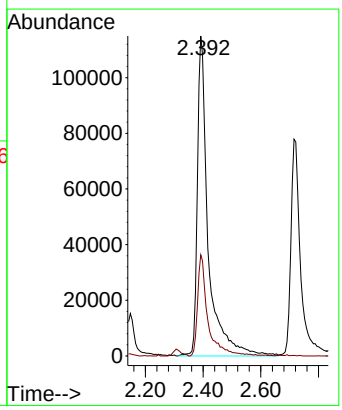


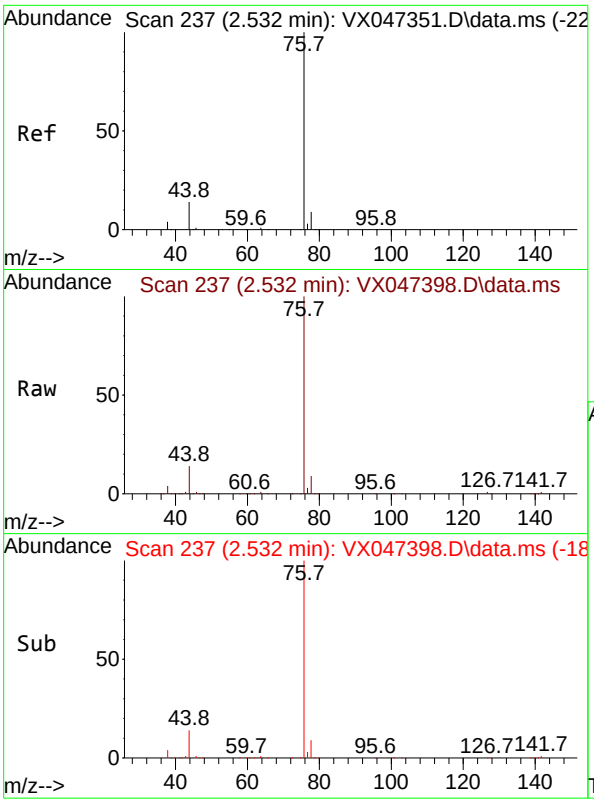


#16
Acetone
Concen: 238.203 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 43 Resp: 299617

Ion	Ratio	Lower	Upper
43	100		
58	31.5	24.8	37.2



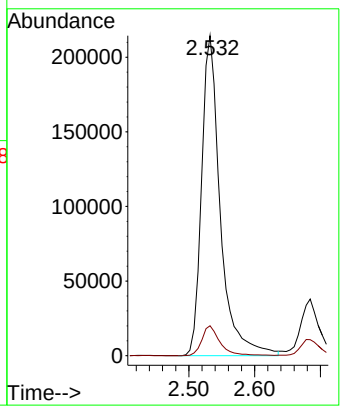


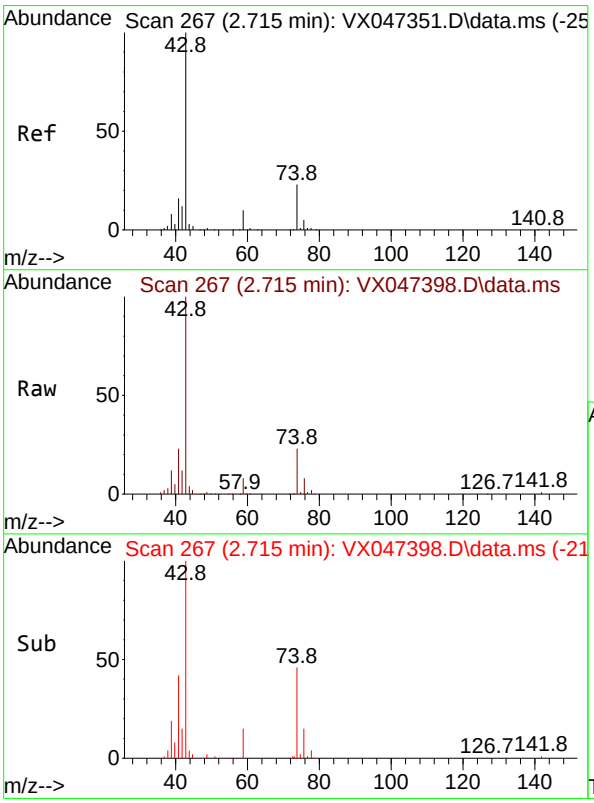
#17
Carbon Disulfide
Concen: 46.840 ug/l
RT: 2.532 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 425517

Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.2	10.8

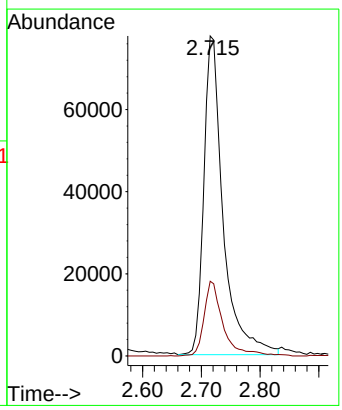


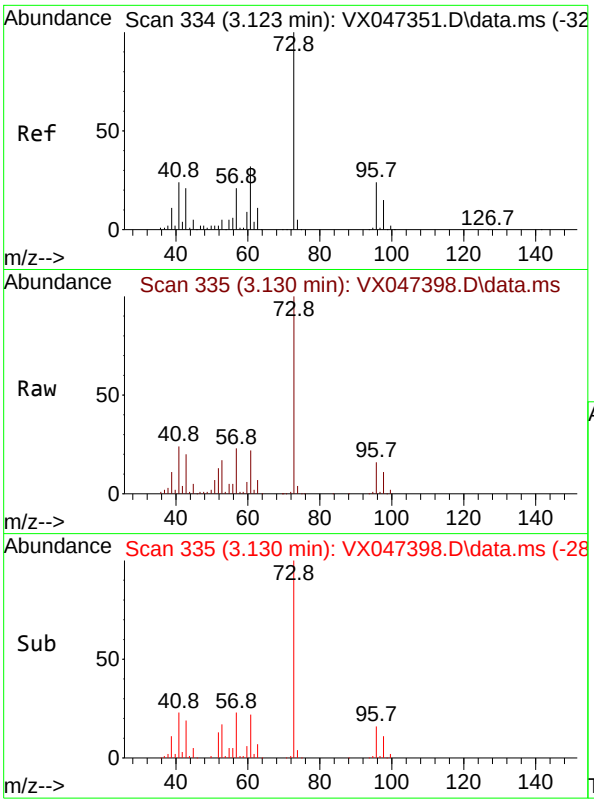


#18
Methyl Acetate
Concen: 54.297 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 43 Resp: 176982

Ion	Ratio	Lower	Upper
43	100		
74	23.2	18.4	27.6



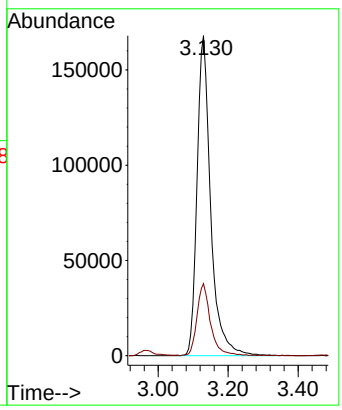


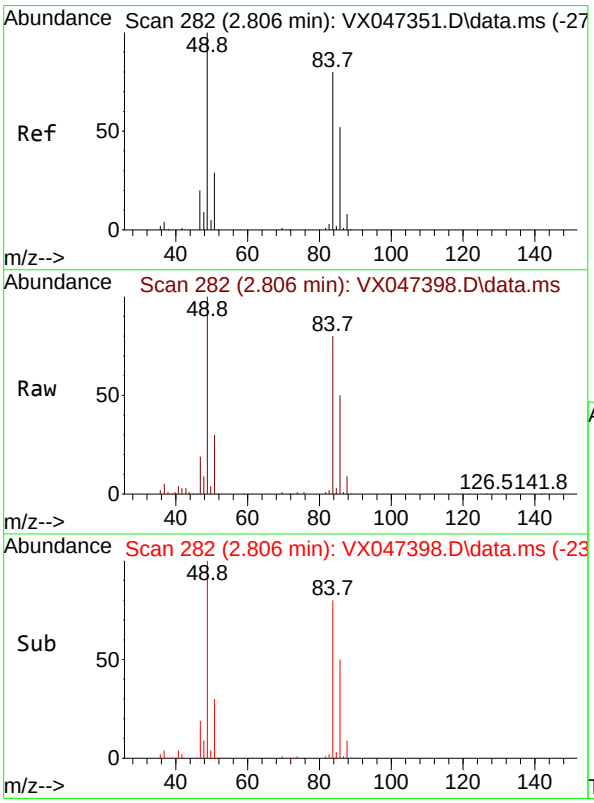
#19
Methyl tert-butyl Ether
Concen: 49.516 ug/l
RT: 3.130 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 453492

Ion	Ratio	Lower	Upper
73	100		
57	22.5	17.0	25.6

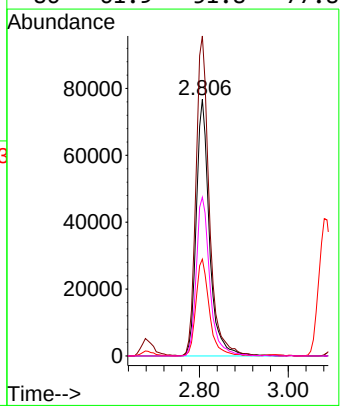


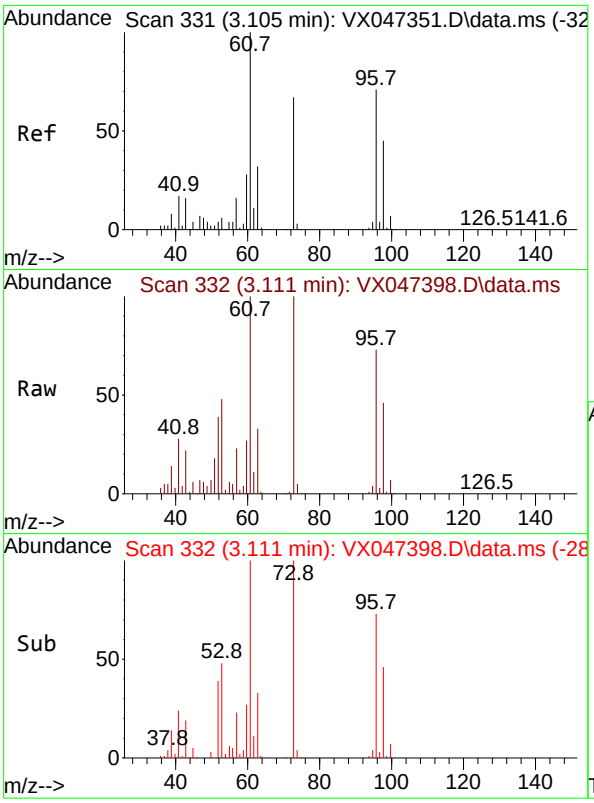


#20
Methylene Chloride
Concen: 47.329 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 84 Resp: 157641

Ion	Ratio	Lower	Upper
84	100		
49	124.6	100.1	150.1
51	37.7	29.5	44.3
86	61.9	51.8	77.8



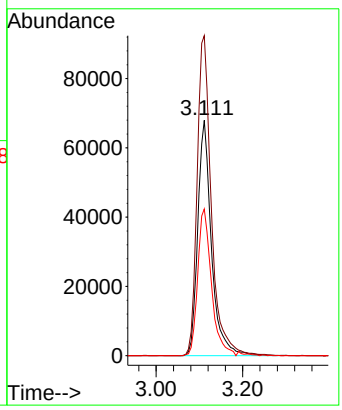


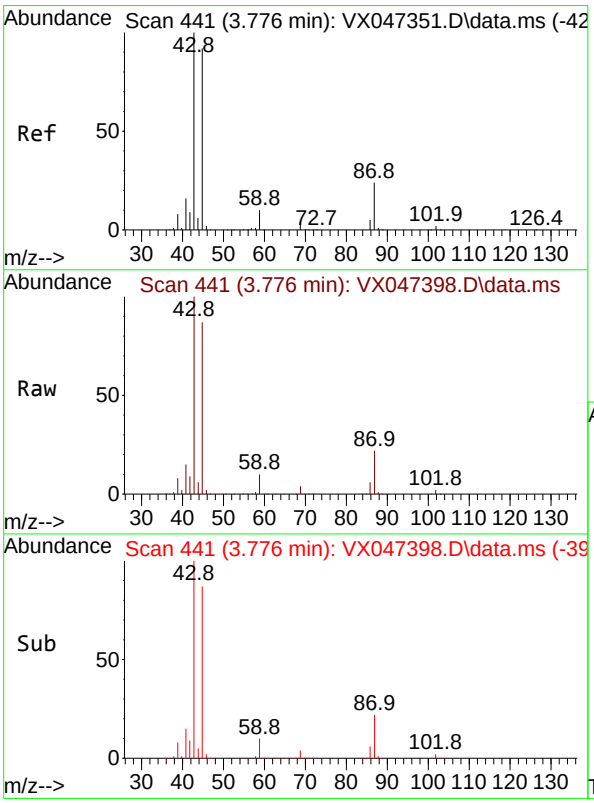
#21
trans-1,2-Dichloroethene
Concen: 46.767 ug/l
RT: 3.111 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 149432

Ion	Ratio	Lower	Upper
96	100		
61	136.0	112.6	169.0
98	64.3	50.9	76.3

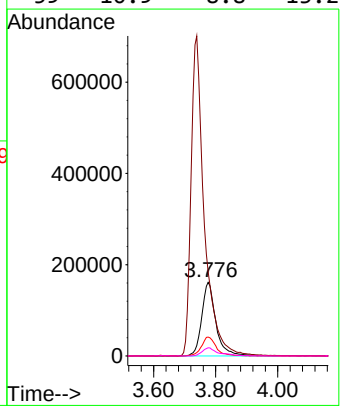


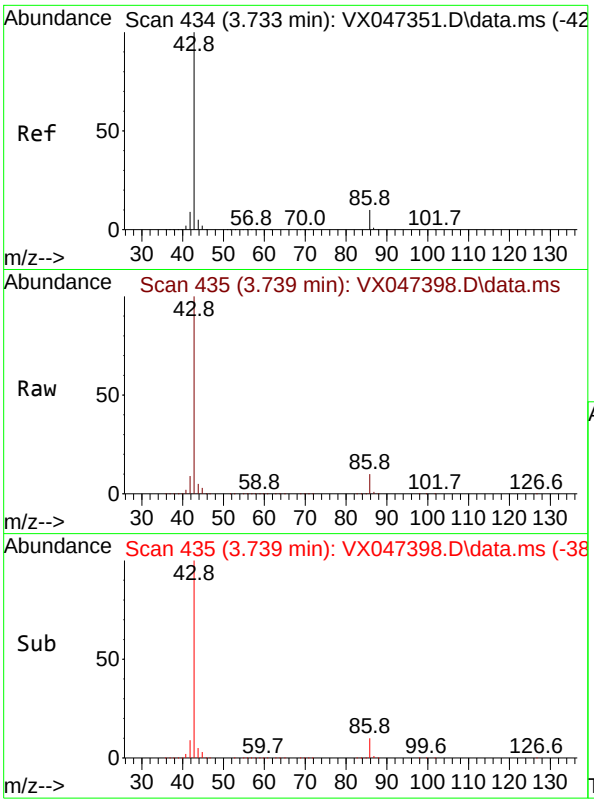


#22
Diisopropyl ether
Concen: 49.473 ug/l
RT: 3.776 min Scan# 441
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 45 Resp: 511346

Ion	Ratio	Lower	Upper
45	100		
43	114.4	86.8	130.2
87	25.6	20.4	30.6
59	10.9	8.8	13.2



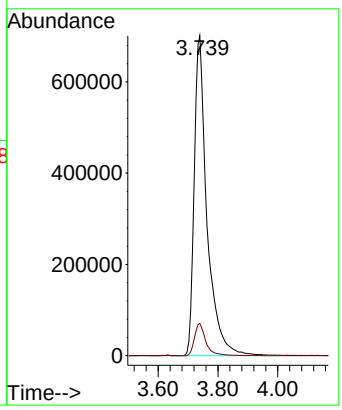


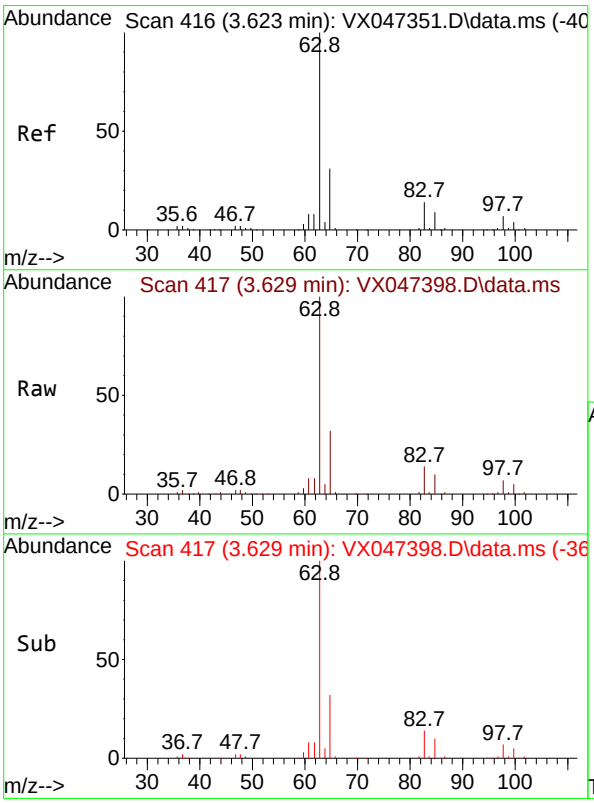
#23
Vinyl Acetate
Concen: 246.075 ug/l
RT: 3.739 min Scan# 4
Delta R.T. 0.006 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 2084668

Ion	Ratio	Lower	Upper
43	100		
86	10.1	7.9	11.9

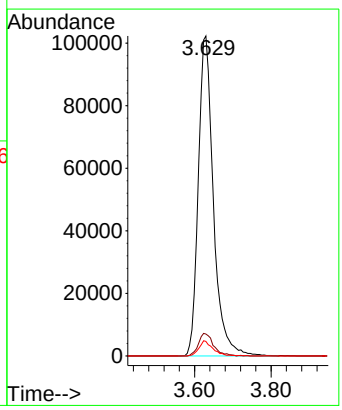


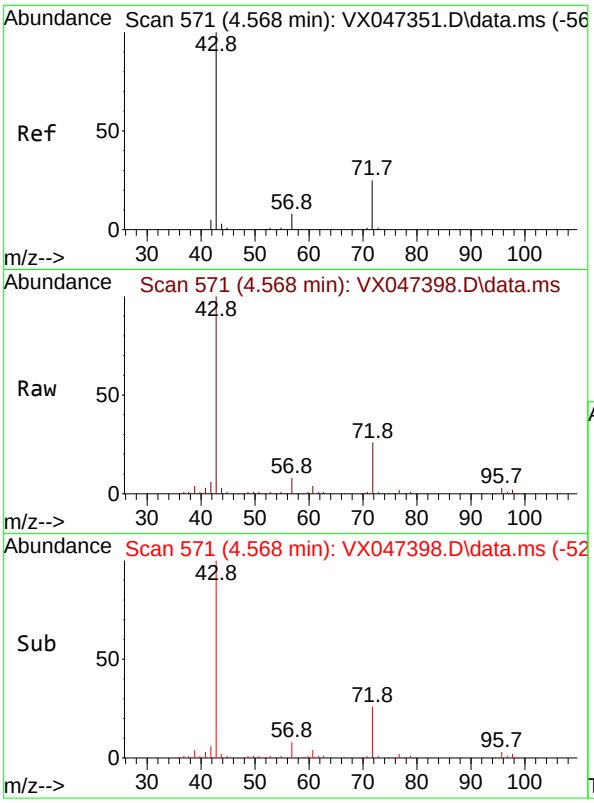


#24
1,1-Dichloroethane
Concen: 47.957 ug/l
RT: 3.629 min Scan# 417
Delta R.T. 0.006 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 63 Resp: 280167

Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.3	9.9
100	4.5	2.1	6.3



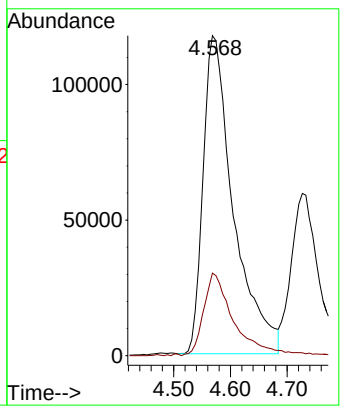


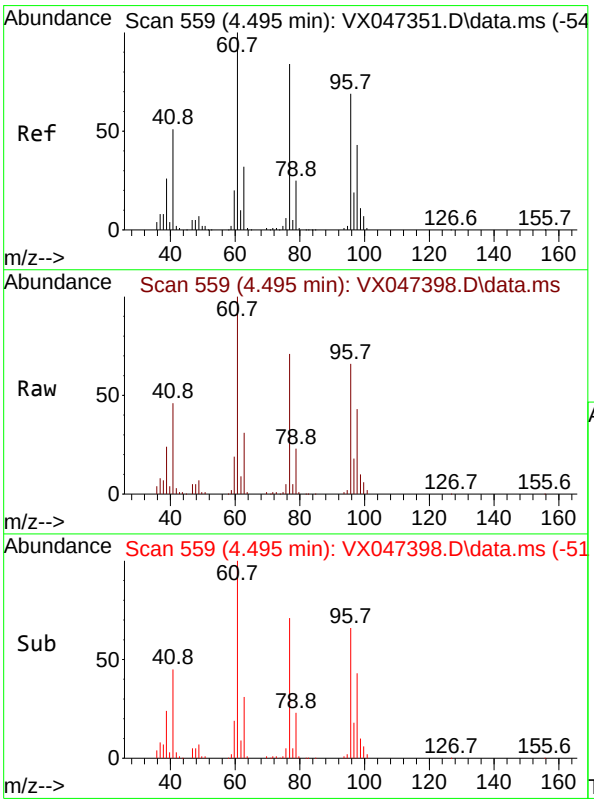
#25
2-Butanone
Concen: 265.075 ug/l
RT: 4.568 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 436669

Ion	Ratio	Lower	Upper
43	100		
72	25.5	19.8	29.8

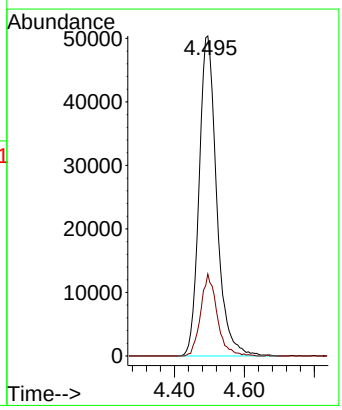


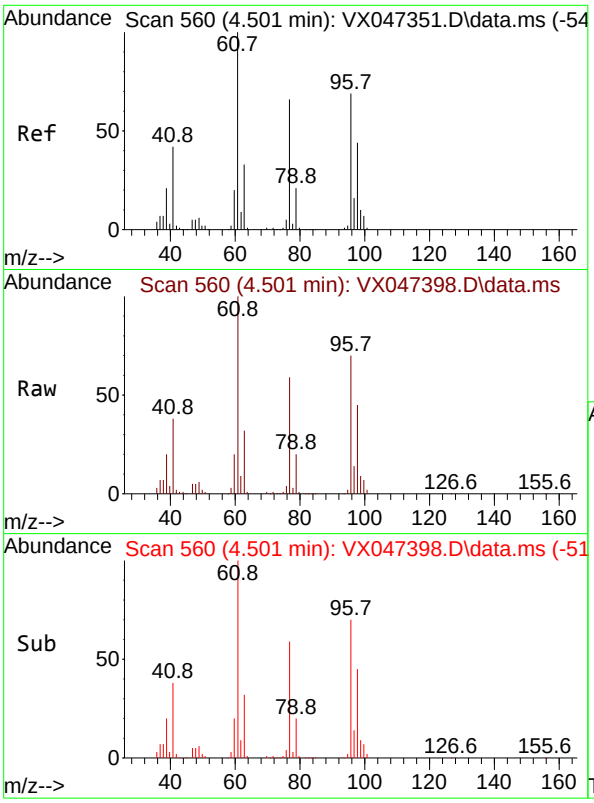


#26
2,2-Dichloropropane
Concen: 39.808 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 77 Resp: 175530

Ion	Ratio	Lower	Upper
77	100		
97	24.0	11.4	34.1



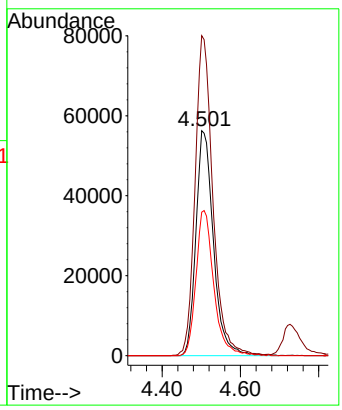


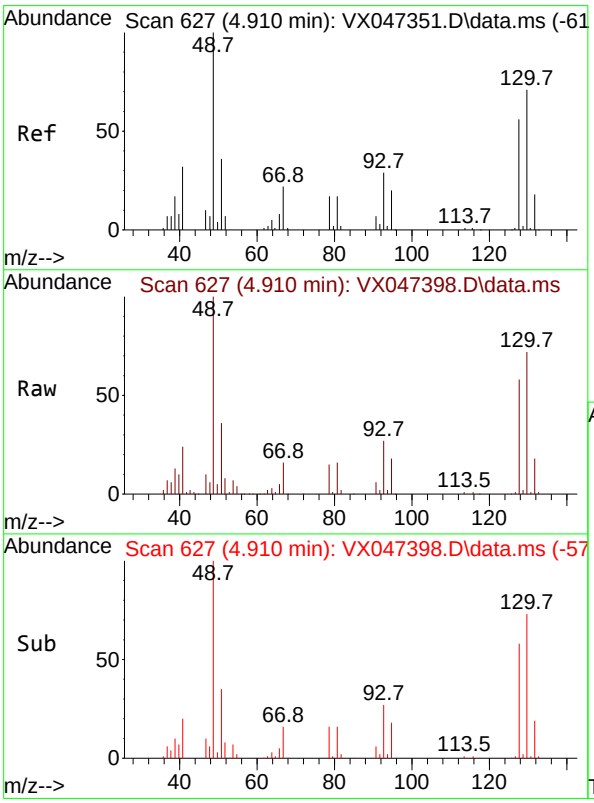
#27
cis-1,2-Dichloroethene
Concen: 47.114 ug/l
RT: 4.501 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 175340

Ion	Ratio	Lower	Upper
96	100		
61	144.5	0.0	296.6
98	65.5	0.0	130.4

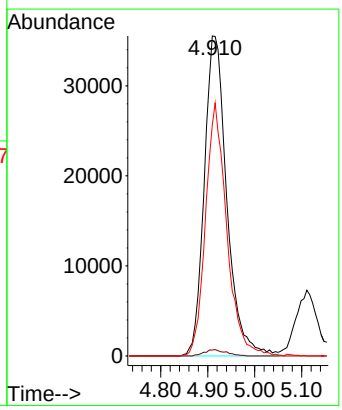


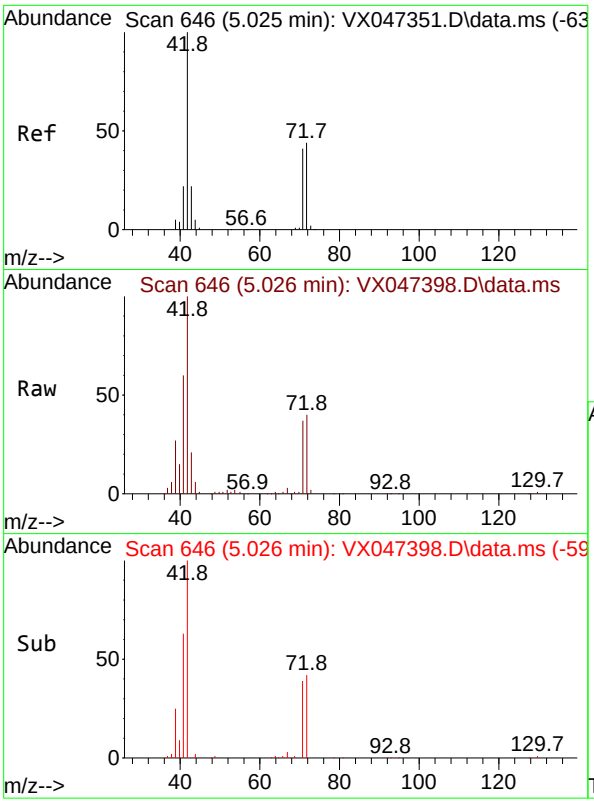


#28
Bromochloromethane
Concen: 48.810 ug/l
RT: 4.910 min Scan# 627
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 49 Resp: 118660

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	74.3	59.8	89.6



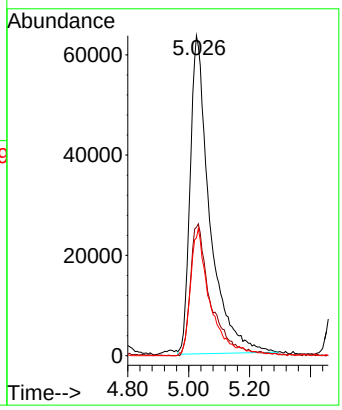


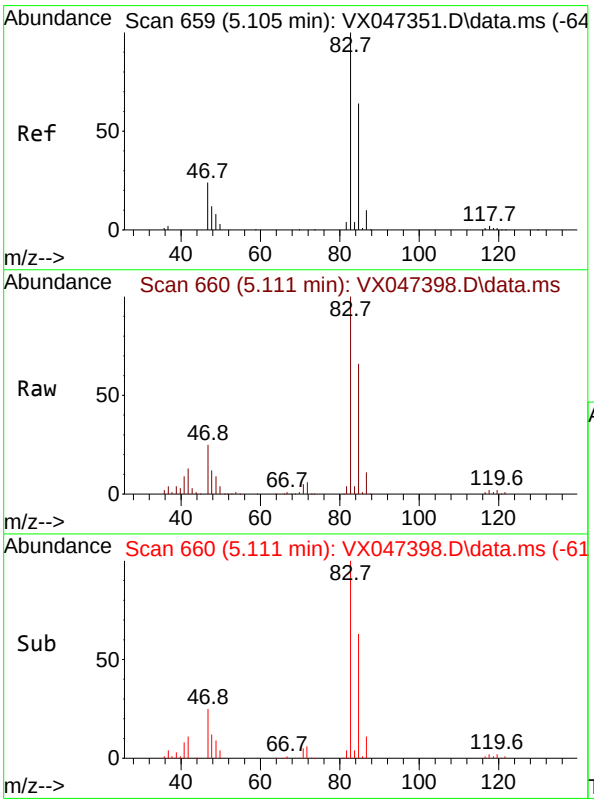
#29
Tetrahydrofuran
Concen: 266.507 ug/l
RT: 5.026 min Scan# 64
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 283761

Ion	Ratio	Lower	Upper
42	100		
72	42.9	34.6	51.8
71	38.1	32.6	49.0

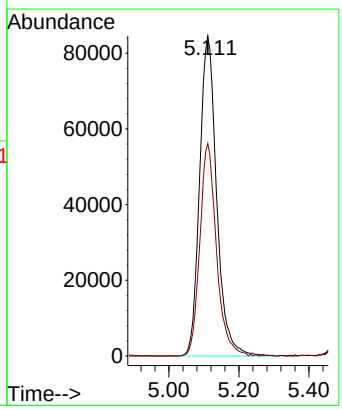


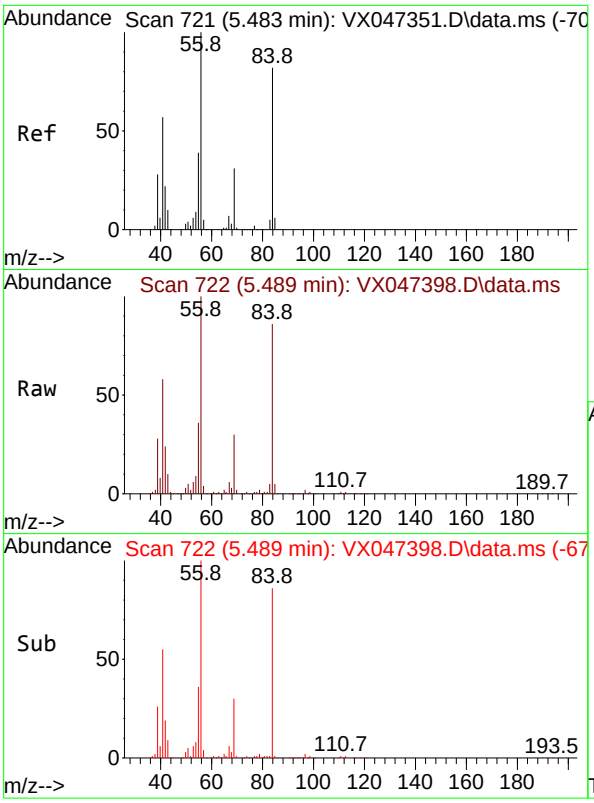


#30
Chloroform
Concen: 47.982 ug/l
RT: 5.111 min Scan# 660
Delta R.T. 0.006 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 83 Resp: 286078

Ion	Ratio	Lower	Upper
83	100		
85	66.3	51.2	76.8



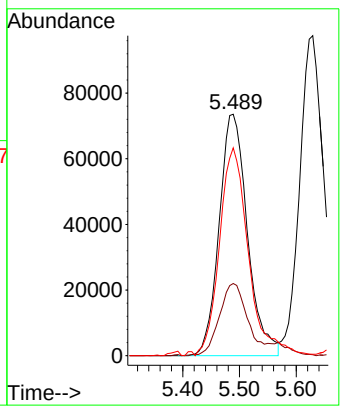


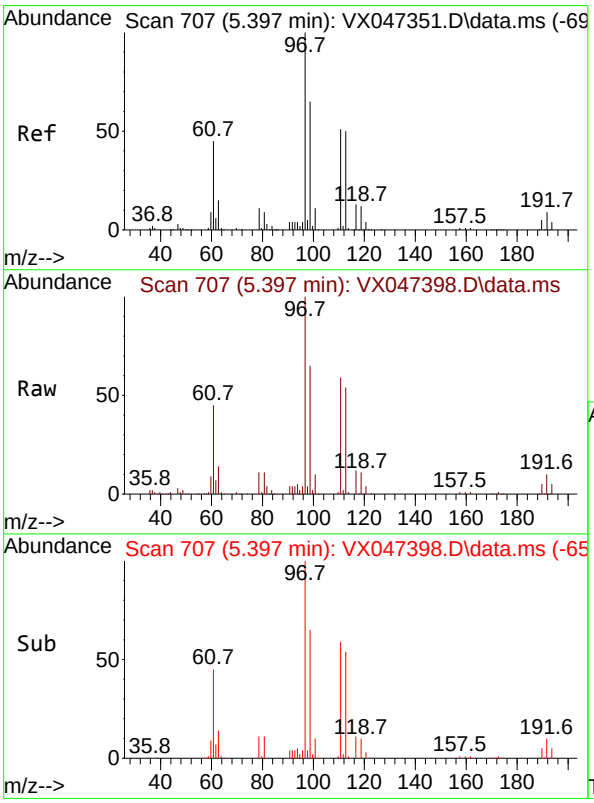
#31
Cyclohexane
Concen: 47.287 ug/l
RT: 5.489 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 254659

Ion	Ratio	Lower	Upper
56	100		
69	29.4	24.3	36.5
84	84.2	65.3	97.9

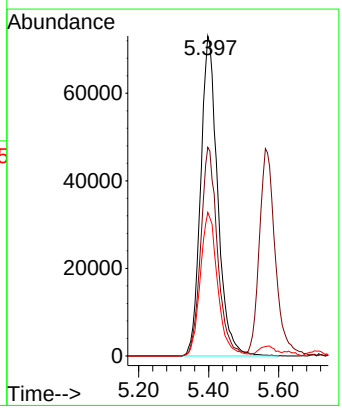


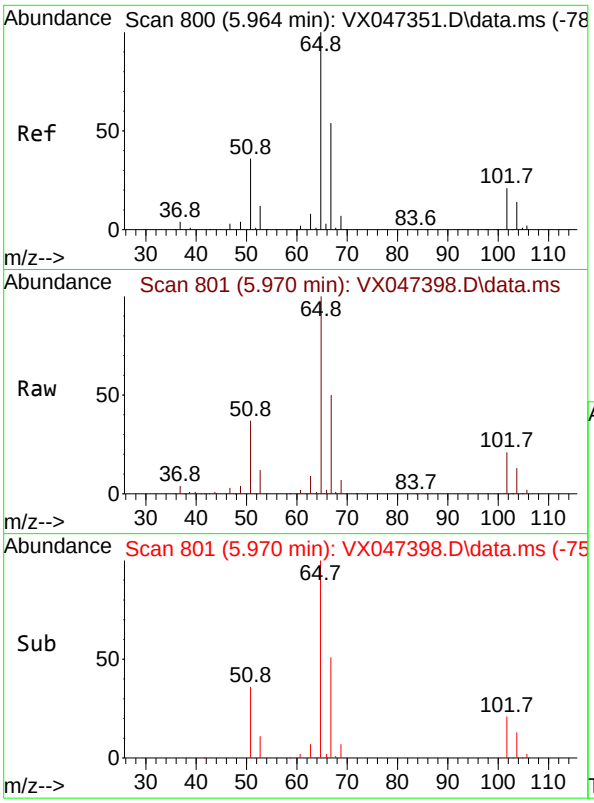


#32
1,1,1-Trichloroethane
Concen: 47.909 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 97 Resp: 245866

Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.4	77.0
61	45.9	35.7	53.5



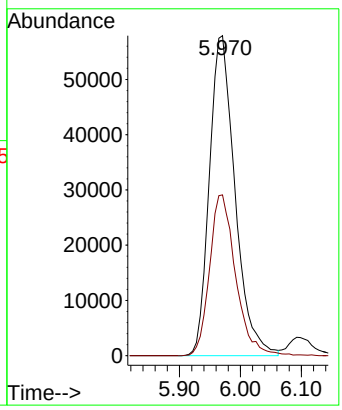


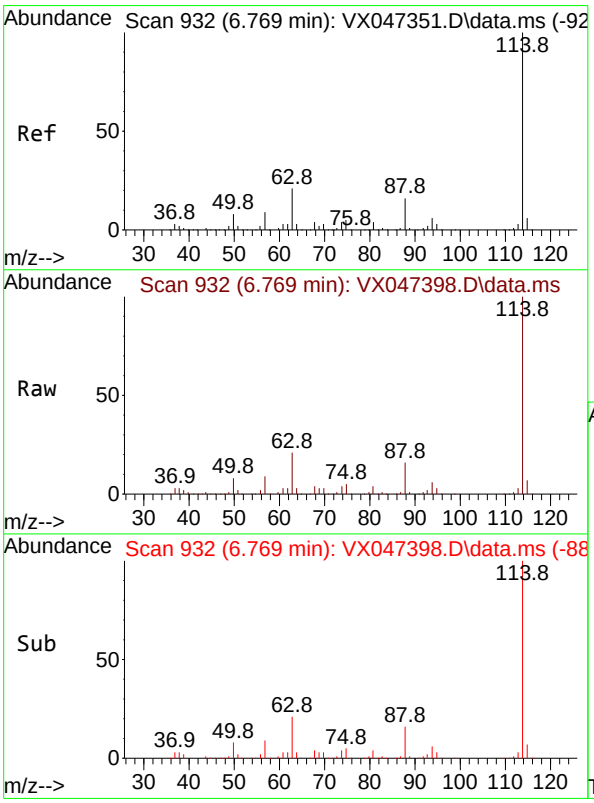
#33
1,2-Dichloroethane-d4
Concen: 50.620 ug/l
RT: 5.970 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 169393

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	106.0

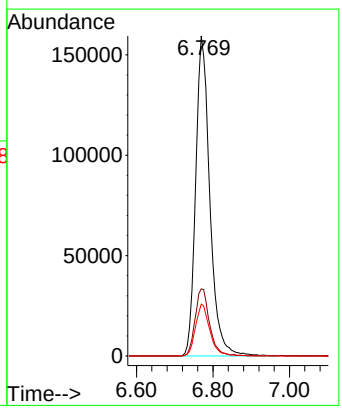


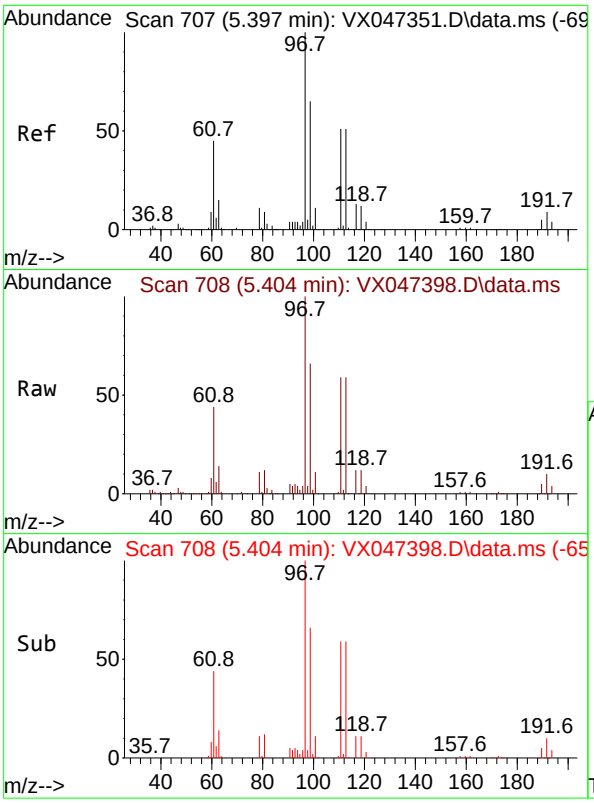


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion:114 Resp: 409468

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	42.4
88	16.2	0.0	33.0



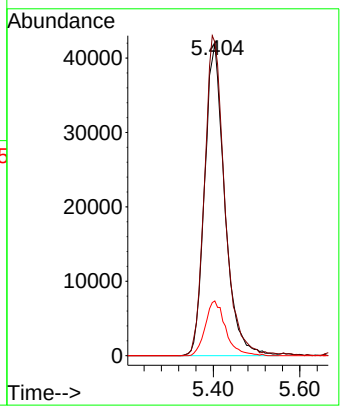


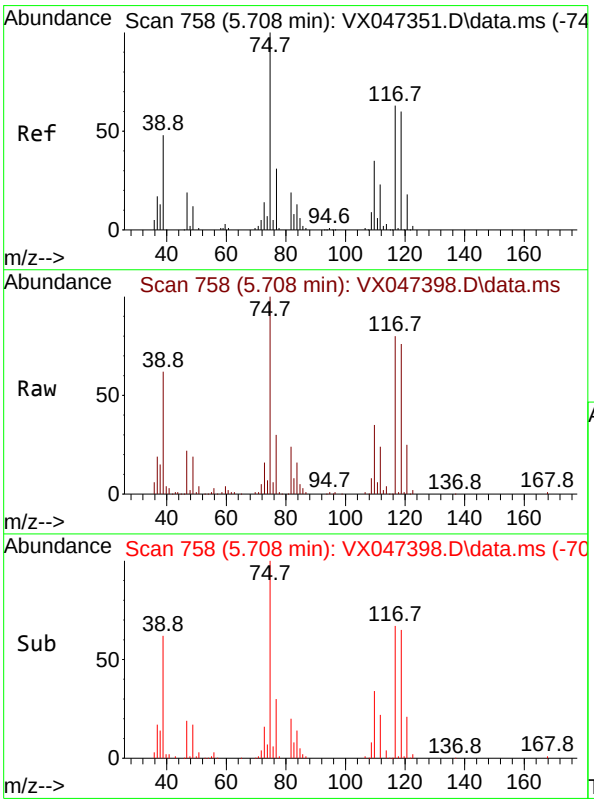
#35
Dibromofluoromethane
Concen: 50.669 ug/l
RT: 5.404 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:113 Resp: 134653

Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.4	122.2
192	17.8	14.1	21.1

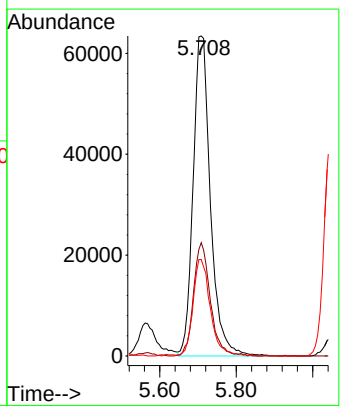


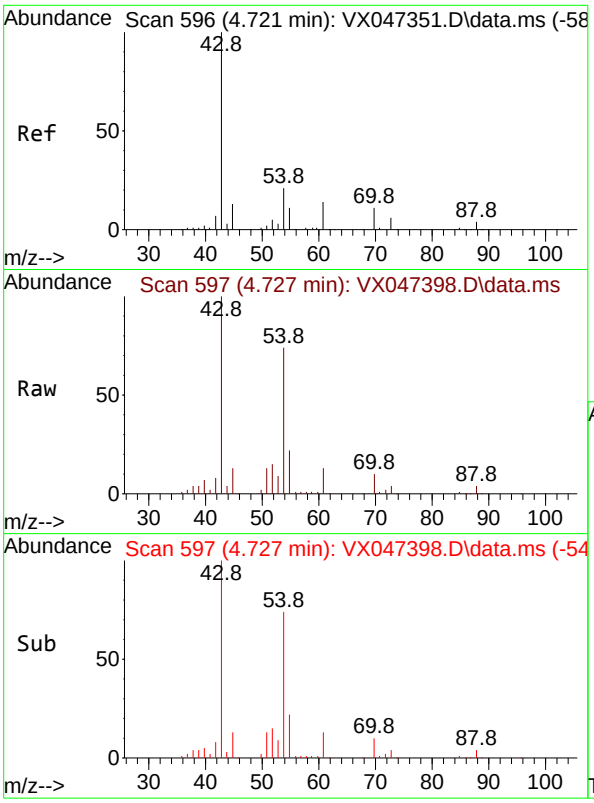


#36
1,1-Dichloropropene
Concen: 47.627 ug/l
RT: 5.708 min Scan# 758
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 75 Resp: 199797

Ion	Ratio	Lower	Upper
75	100		
110	34.3	17.4	52.2
77	30.1	24.4	36.6



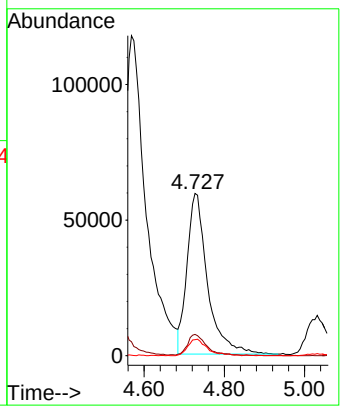


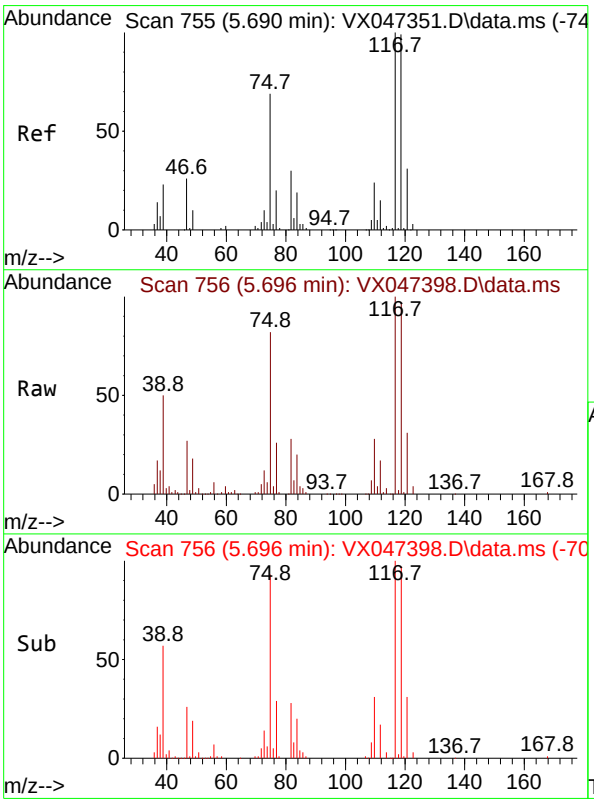
#37
Ethyl Acetate
Concen: 48.337 ug/l
RT: 4.727 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 210513

Ion	Ratio	Lower	Upper
43	100		
61	11.8	9.4	14.2
70	9.7	7.0	10.6

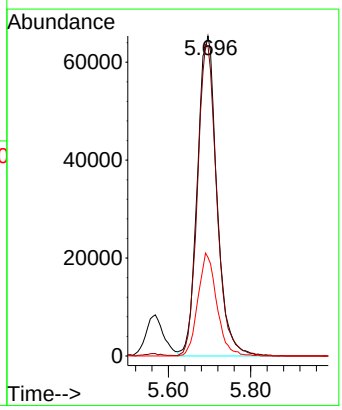


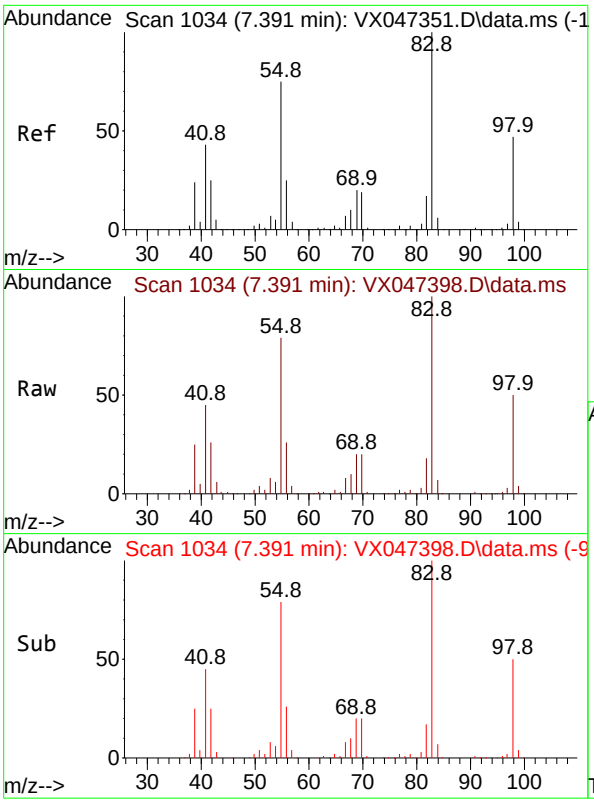


#38
Carbon Tetrachloride
Concen: 47.116 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion:117 Resp: 215992

Ion	Ratio	Lower	Upper
117	100		
119	97.0	78.5	117.7
121	30.8	24.7	37.1



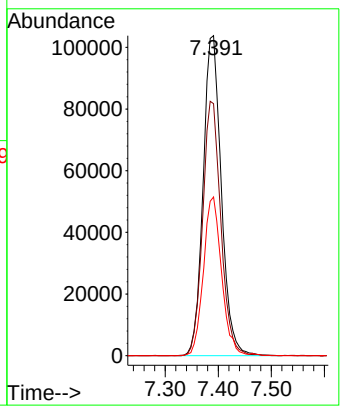


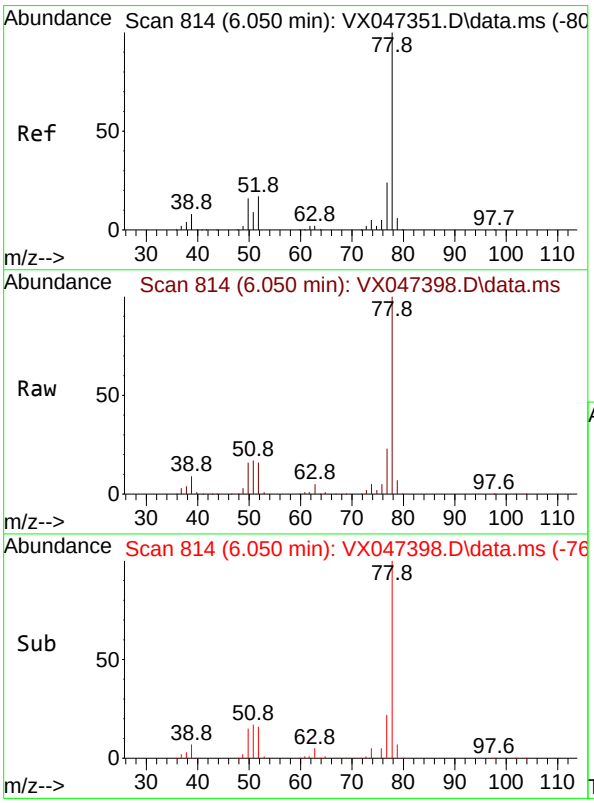
#39
Methylcyclohexane
Concen: 47.227 ug/l
RT: 7.391 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 247122

Ion	Ratio	Lower	Upper
83	100		
55	78.8	60.0	90.0
98	49.6	37.2	55.8

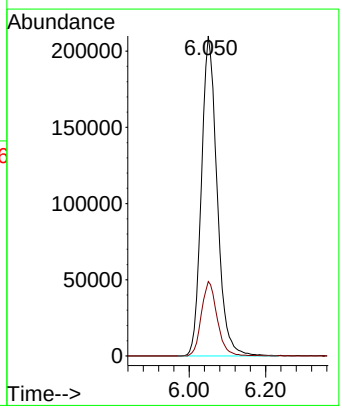


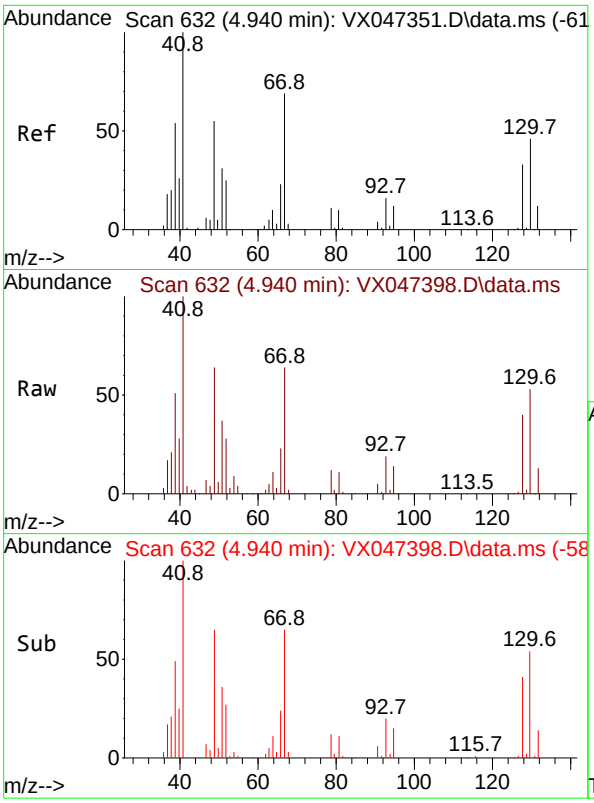


#40
Benzene
Concen: 47.641 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 78 Resp: 598209

Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.0	28.4



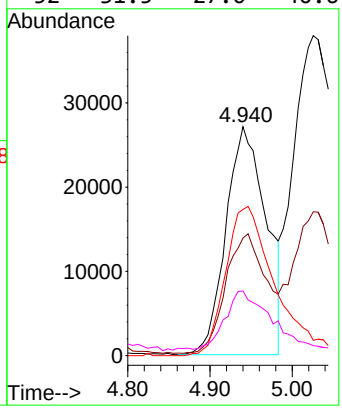


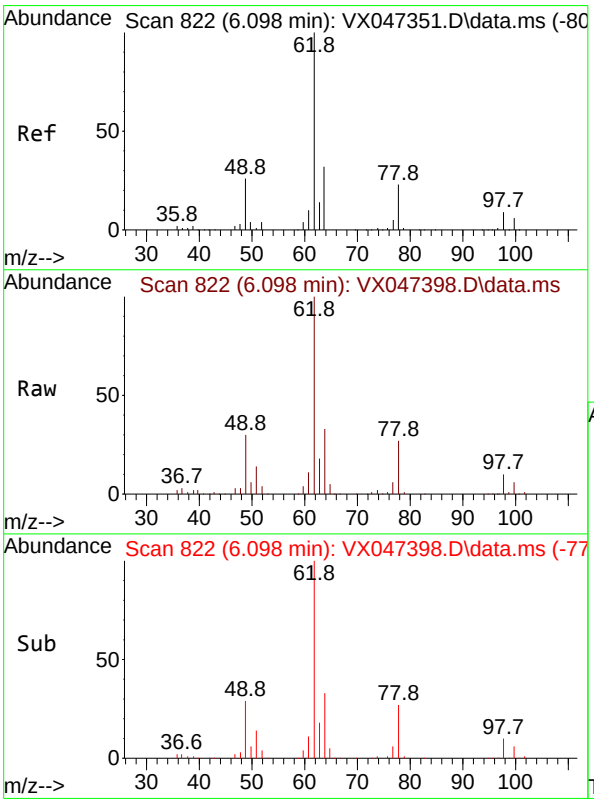
#41
Methacrylonitrile
Concen: 50.045 ug/l
RT: 4.940 min Scan# 6
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 91908

Ion	Ratio	Lower	Upper
41	100		
39	53.3	45.4	68.2
67	84.4	64.0	96.0
52	31.5	27.0	40.6

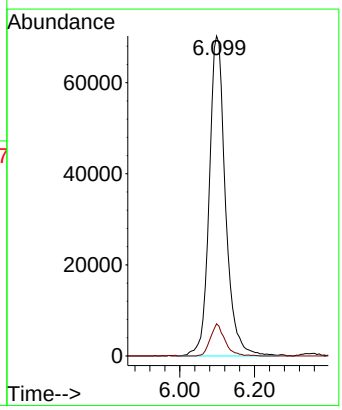


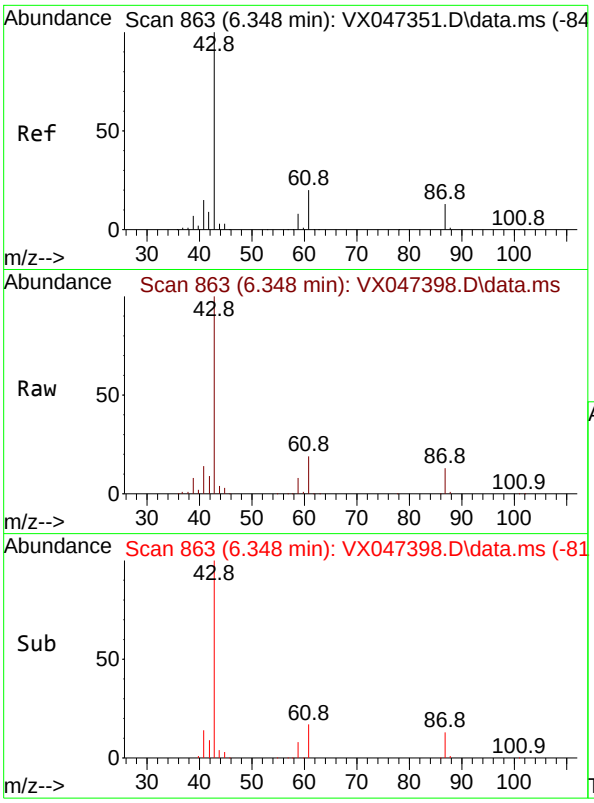


#42
1,2-Dichloroethane
Concen: 47.640 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 62 Resp: 211887

Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.0



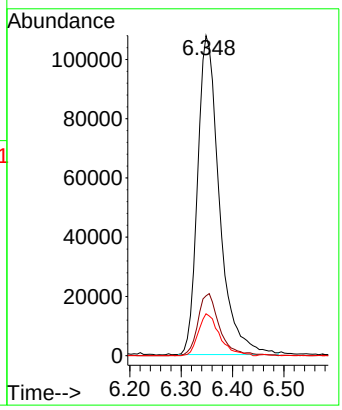


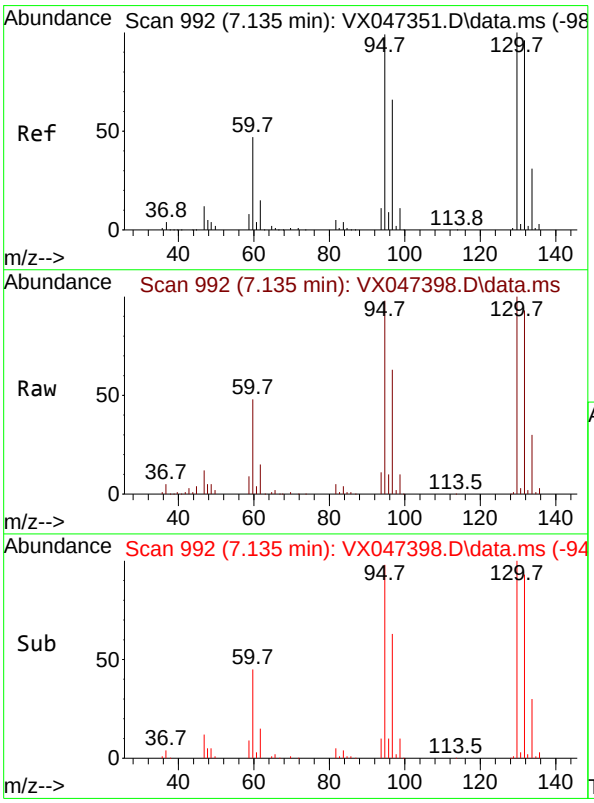
#43
Isopropyl Acetate
Concen: 50.686 ug/l
RT: 6.348 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 317114

Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.4	23.0
87	12.8	10.2	15.4

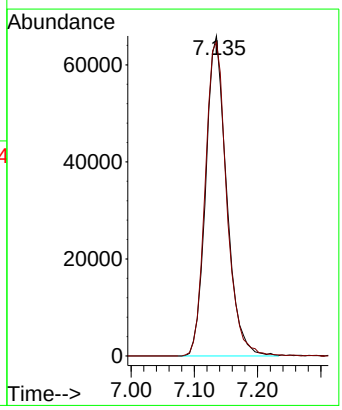


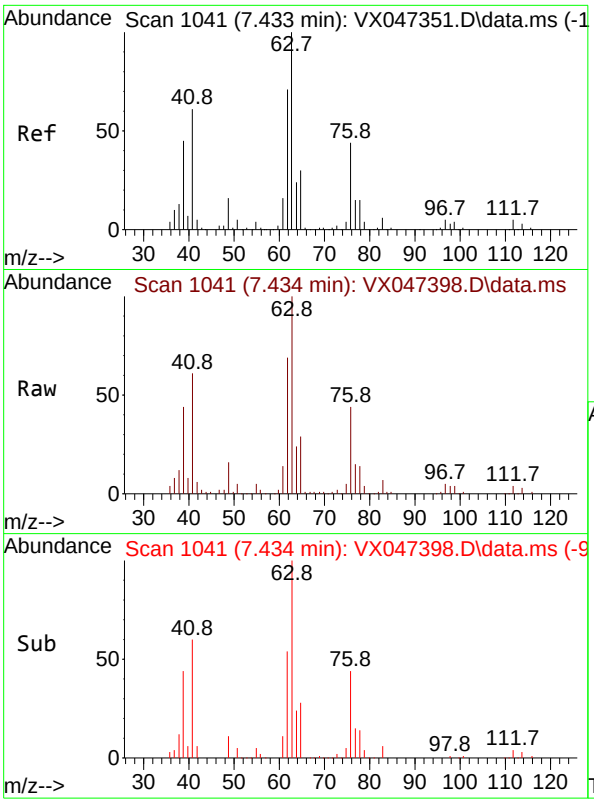


#44
Trichloroethene
Concen: 47.029 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion:130 Resp: 151205

Ion	Ratio	Lower	Upper
130	100		
95	98.1	0.0	198.6



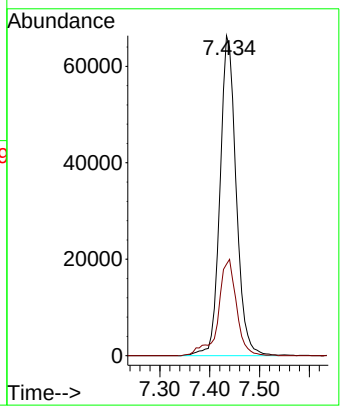


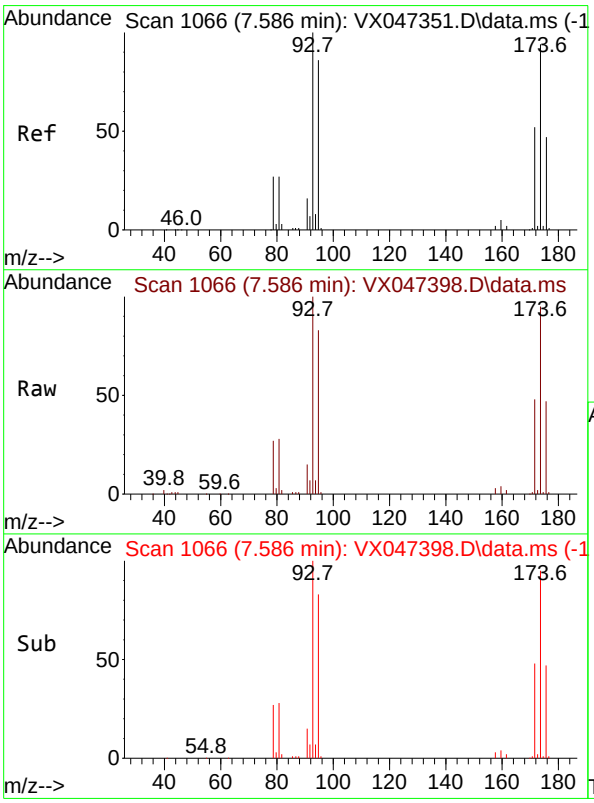
#45
1,2-Dichloropropane
Concen: 47.663 ug/l
RT: 7.434 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 149932

Ion	Ratio	Lower	Upper
63	100		
65	28.6	23.8	35.6

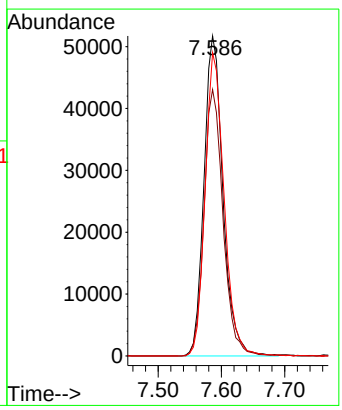


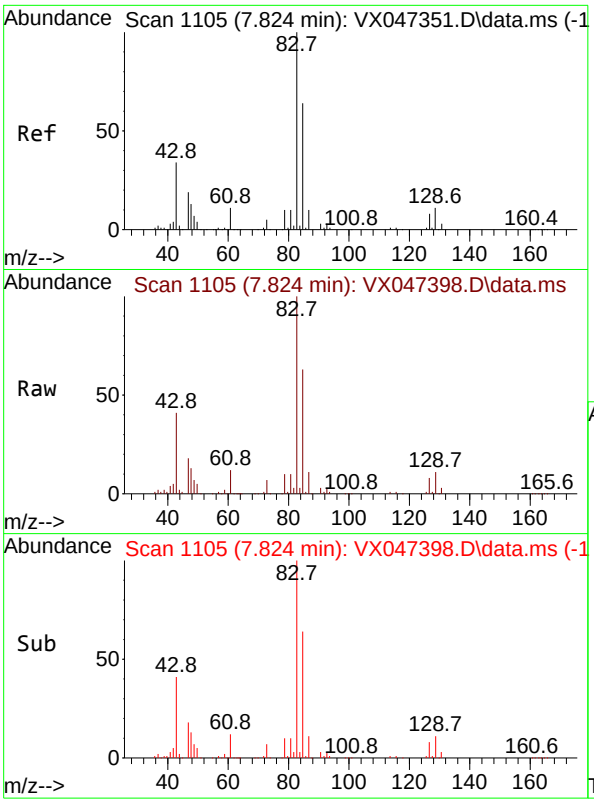


#46
Dibromomethane
Concen: 47.328 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 93 Resp: 108086

Ion	Ratio	Lower	Upper
93	100		
95	83.5	68.0	102.0
174	94.4	75.8	113.6



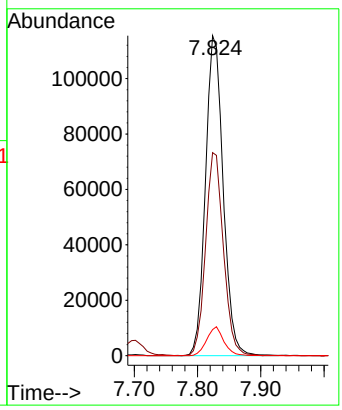


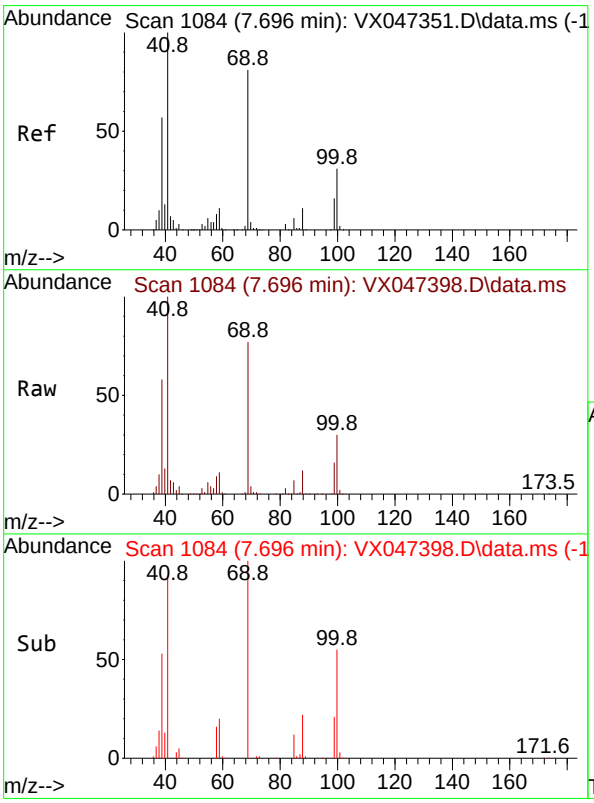
#47
Bromodichloromethane
Concen: 47.489 ug/l
RT: 7.824 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 224833

Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.0	76.6
127	8.1	7.0	10.4

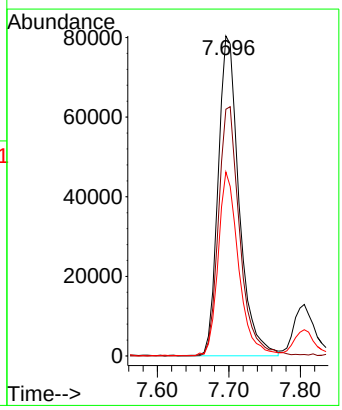


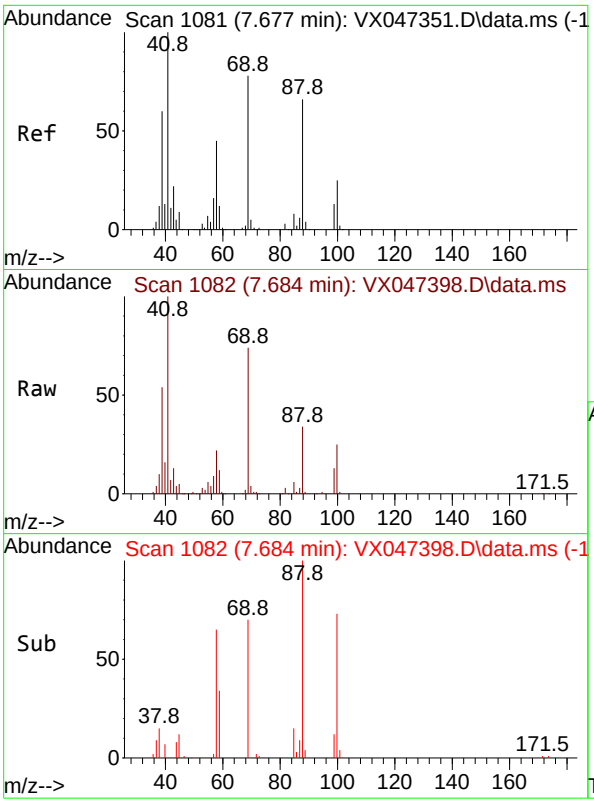


#48
Methyl methacrylate
Concen: 50.264 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 41 Resp: 163233

Ion	Ratio	Lower	Upper
41	100		
69	79.5	65.0	97.4
39	56.0	45.7	68.5



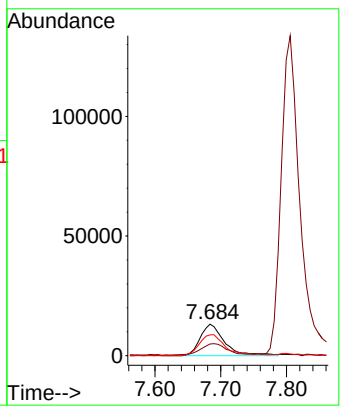


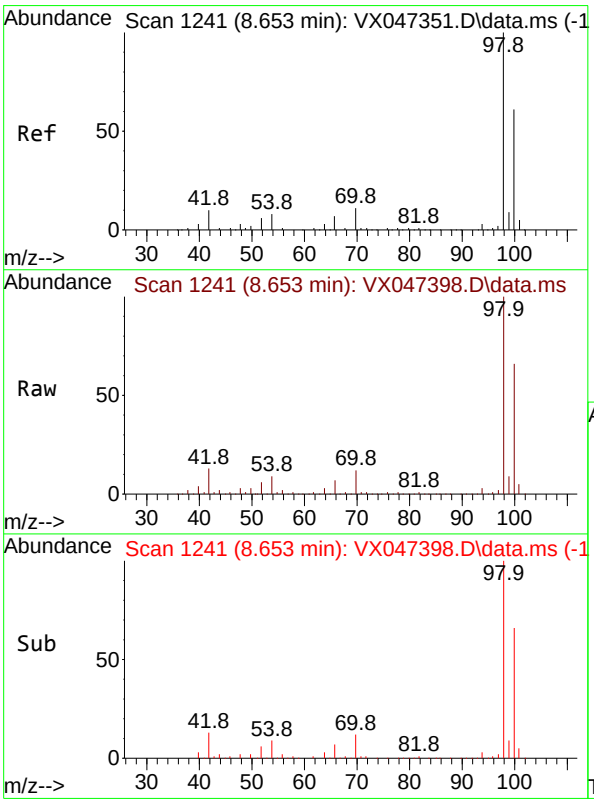
#49
1,4-Dioxane
Concen: 1070.636 ug/l
RT: 7.684 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 33800

Ion	Ratio	Lower	Upper
88	100		
43	38.5	32.4	48.6
58	71.3	56.9	85.3

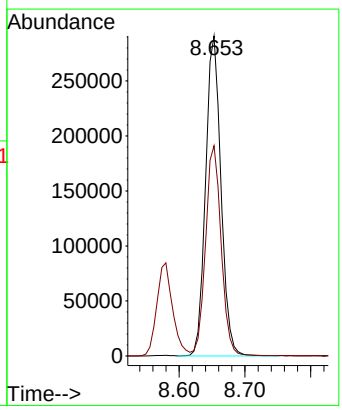


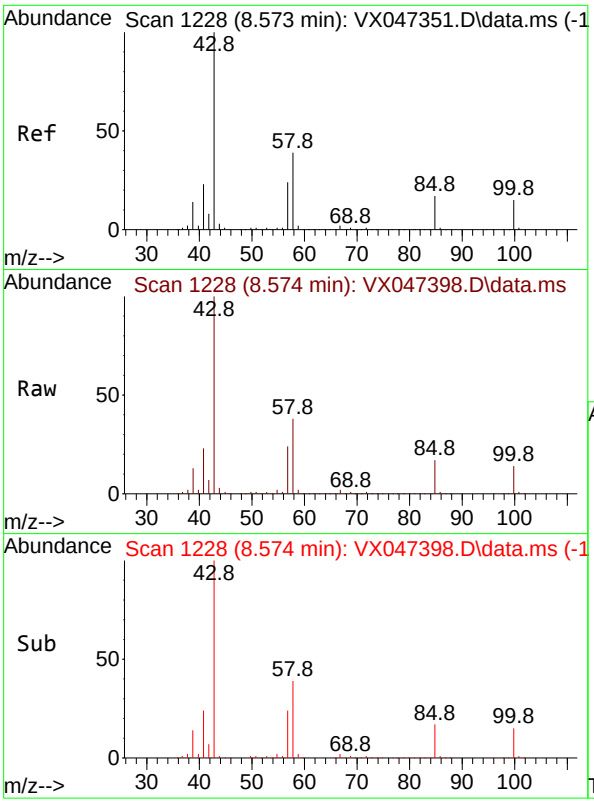


#50
Toluene-d8
Concen: 49.733 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 98 Resp: 472396

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.9	80.9



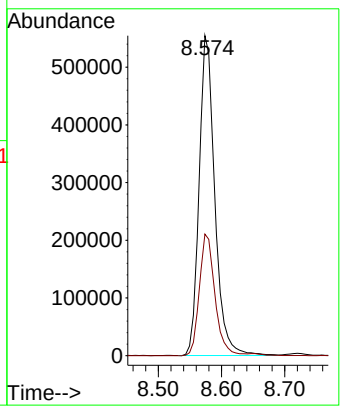


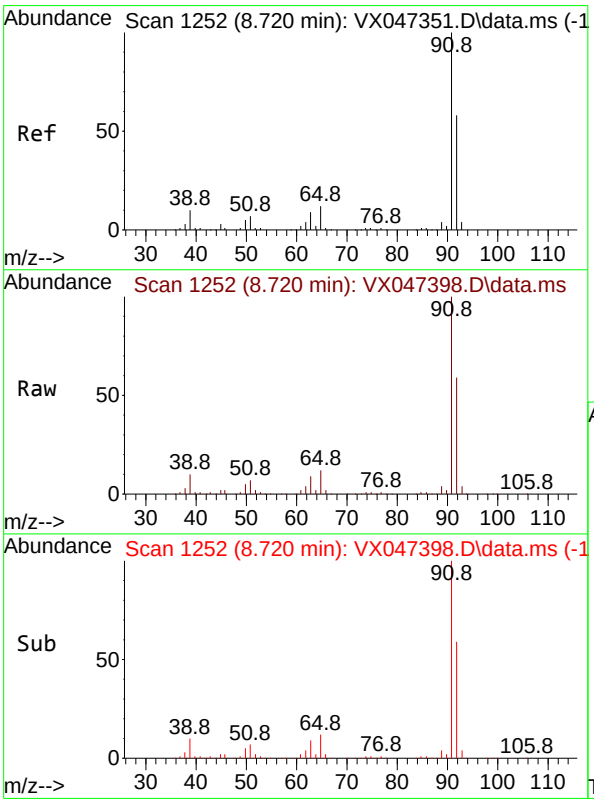
#51
4-Methyl-2-Pentanone
Concen: 265.854 ug/l
RT: 8.574 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 957168

Ion	Ratio	Lower	Upper
43	100		
58	37.9	31.2	46.8

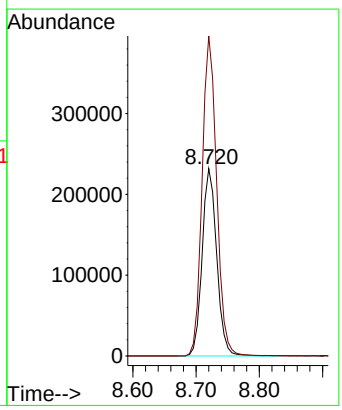


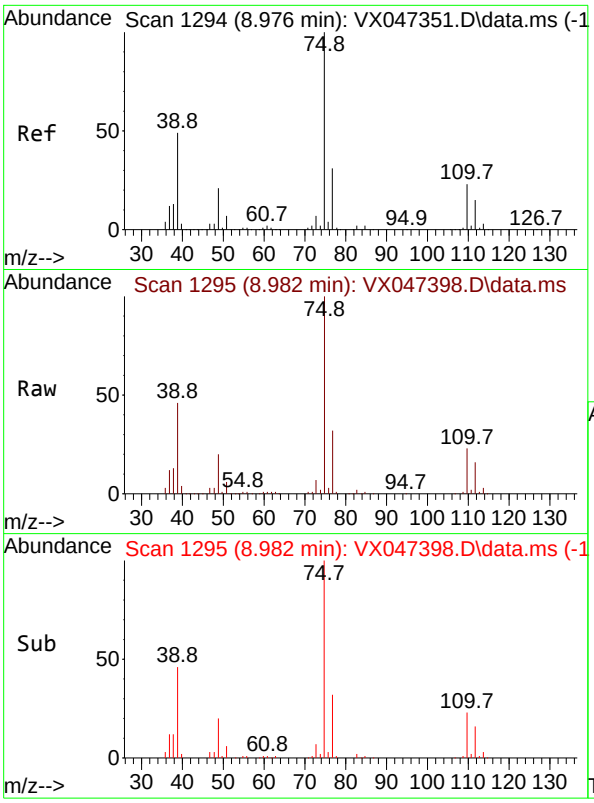


#52
Toluene
Concen: 47.866 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 92 Resp: 371391

Ion	Ratio	Lower	Upper
92	100		
91	170.7	136.3	204.5



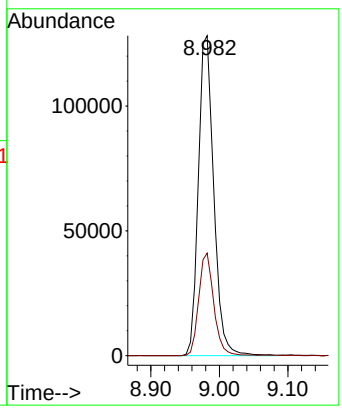


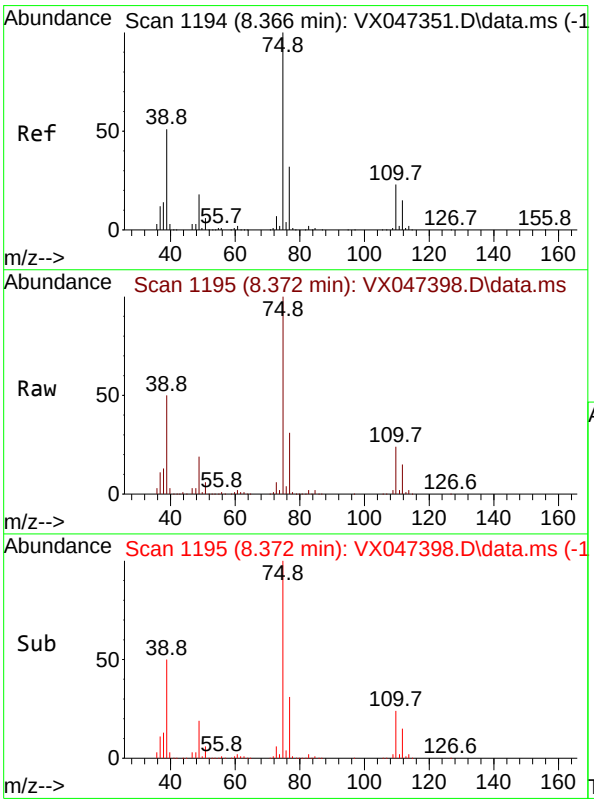
#53
t-1,3-Dichloropropene
Concen: 48.624 ug/l
RT: 8.982 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 200913

Ion	Ratio	Lower	Upper
75	100		
77	32.0	24.7	37.1

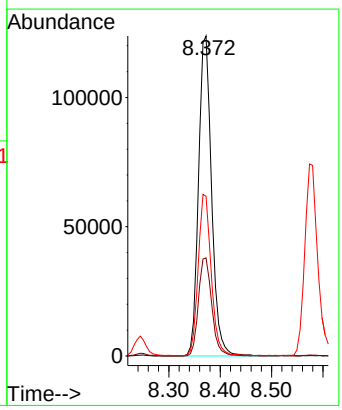


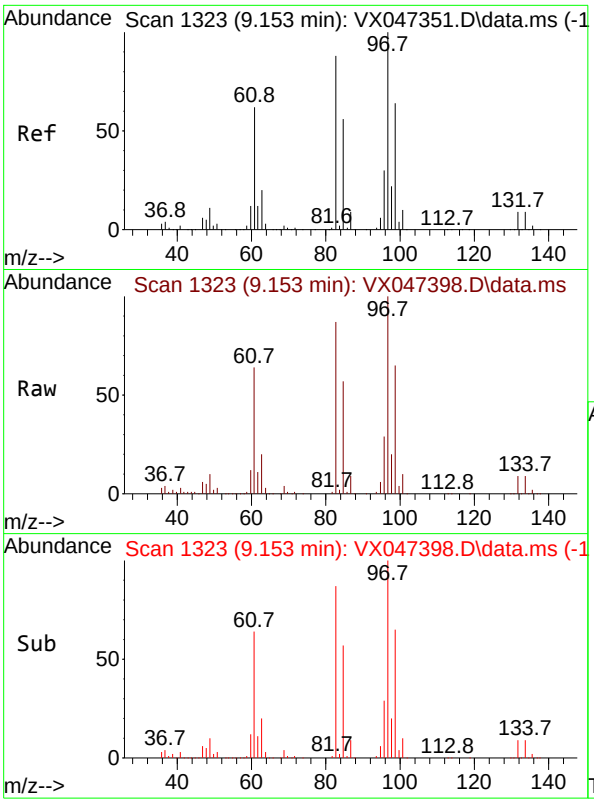


#54
cis-1,3-Dichloropropene
Concen: 46.750 ug/l
RT: 8.372 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 75 Resp: 218646

Ion	Ratio	Lower	Upper
75	100		
77	30.6	25.6	38.4
39	49.8	40.9	61.3



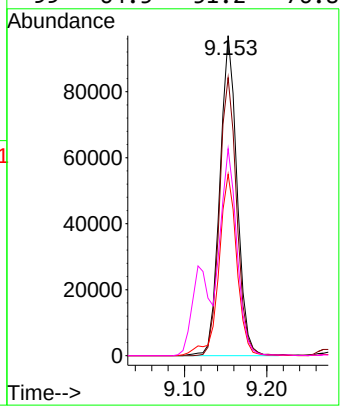


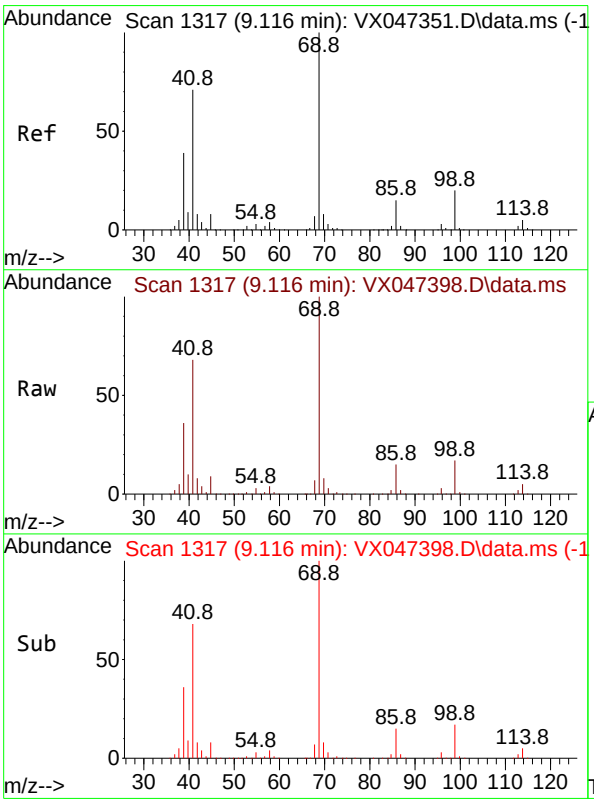
#55
1,1,2-Trichloroethane
Concen: 47.906 ug/l
RT: 9.153 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 141129

Ion	Ratio	Lower	Upper
97	100		
83	86.9	70.6	106.0
85	56.6	44.7	67.1
99	64.5	51.2	76.8

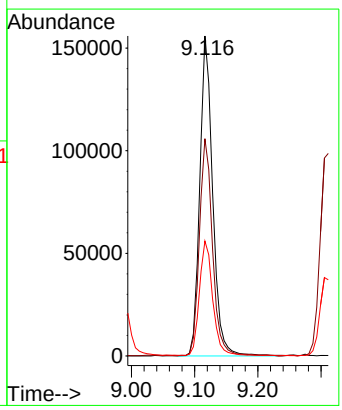


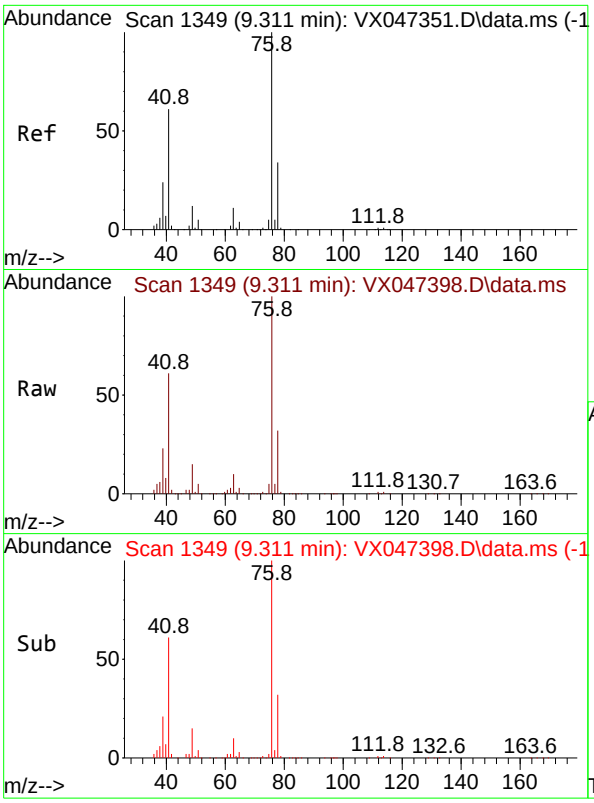


#56
Ethyl methacrylate
Concen: 51.063 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 69 Resp: 221781

Ion	Ratio	Lower	Upper
69	100		
41	69.8	55.3	82.9
39	37.7	30.2	45.2



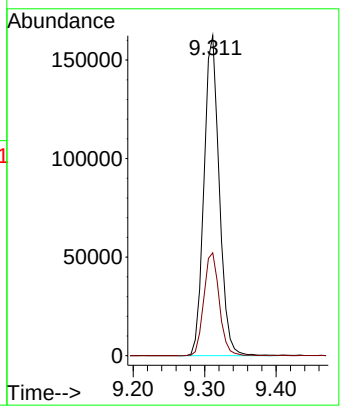


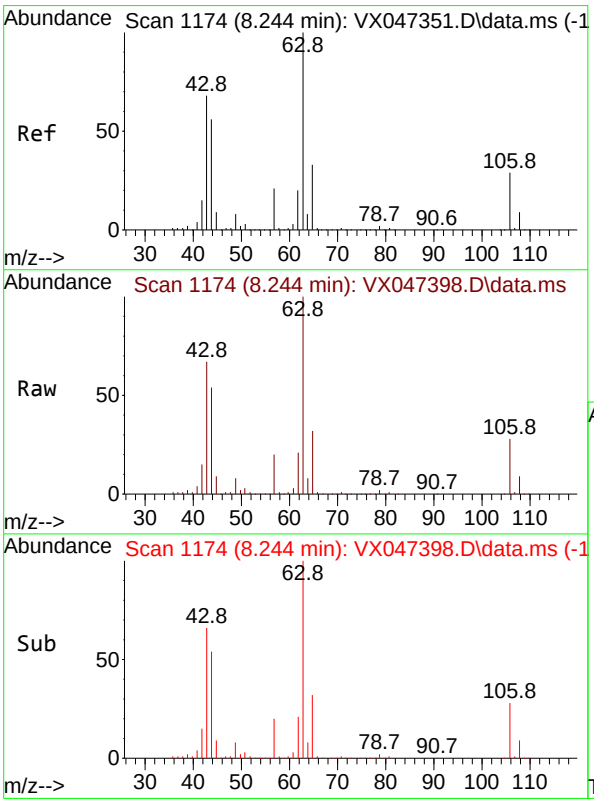
#57
1,3-Dichloropropane
Concen: 48.073 ug/l
RT: 9.311 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 241320

Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.2	39.2

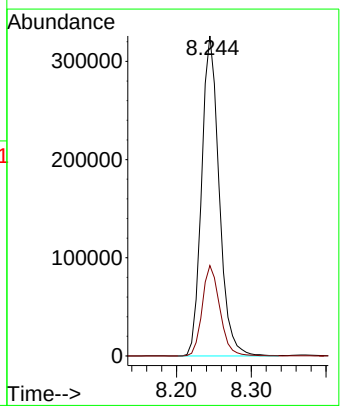


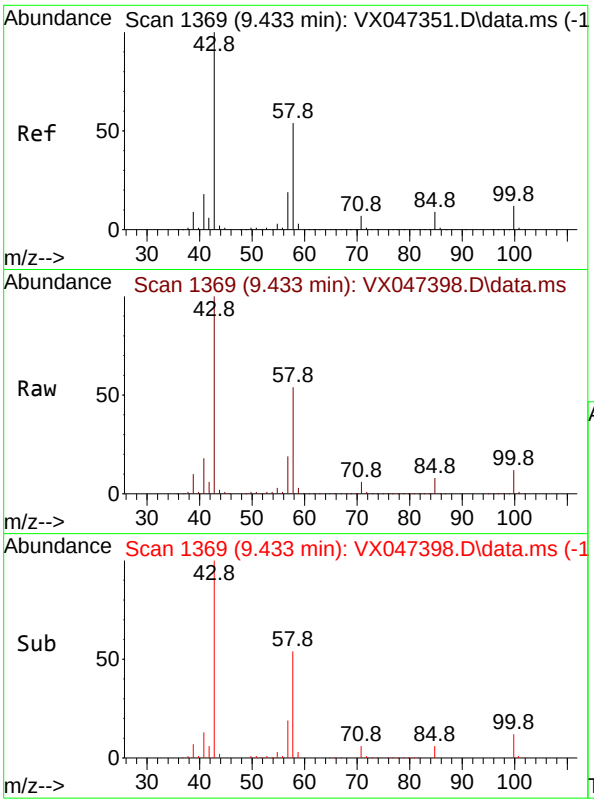


#58
2-Chloroethyl Vinyl ether
Concen: 256.065 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 63 Resp: 531511

Ion	Ratio	Lower	Upper
63	100		
106	28.4	22.8	34.2



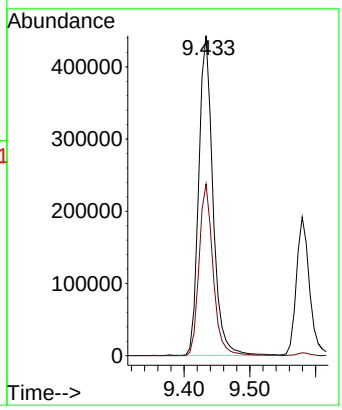


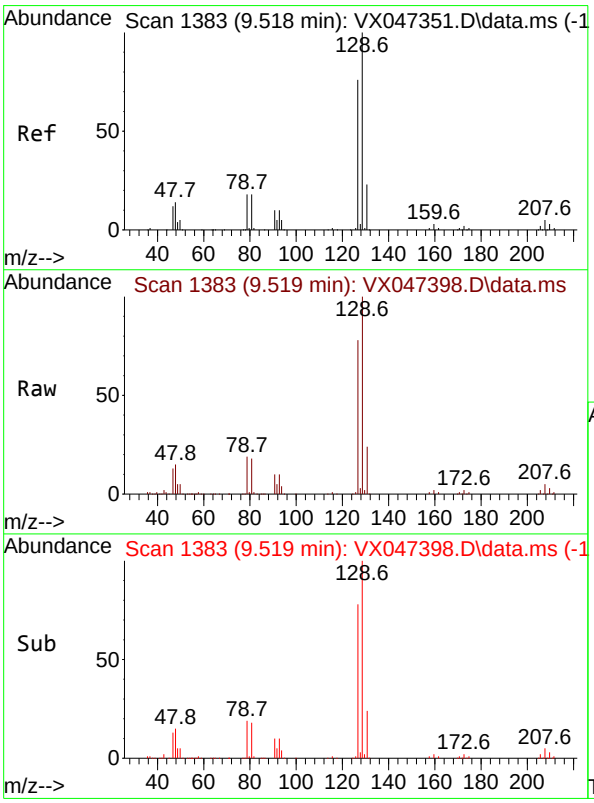
#59
2-Hexanone
Concen: 266.477 ug/l
RT: 9.433 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 663645

Ion	Ratio	Lower	Upper
43	100		
58	53.2	26.9	80.7

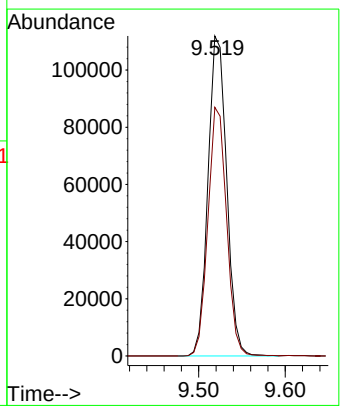


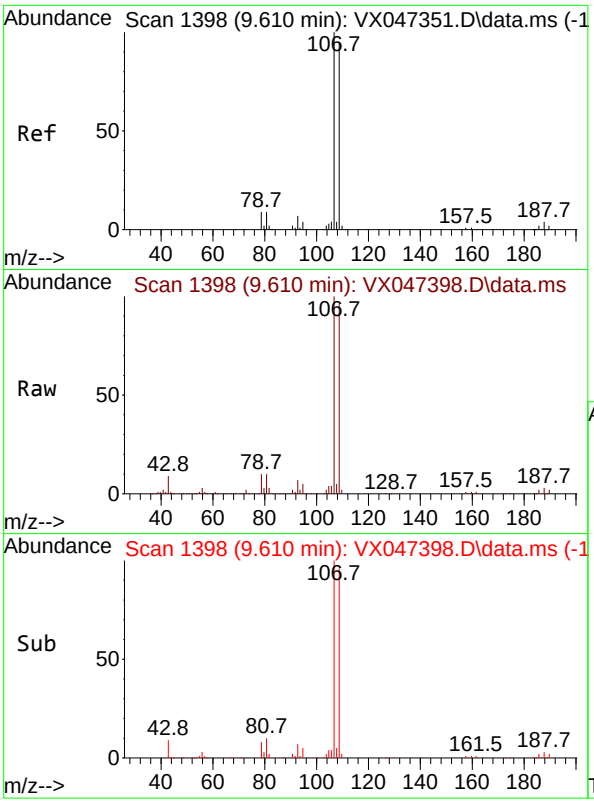


#60
Dibromochloromethane
Concen: 47.846 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion:129 Resp: 167507

Ion	Ratio	Lower	Upper
129	100		
127	77.7	38.9	116.6



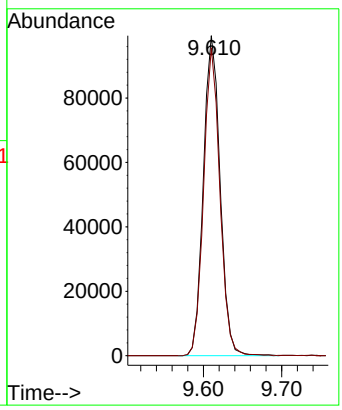


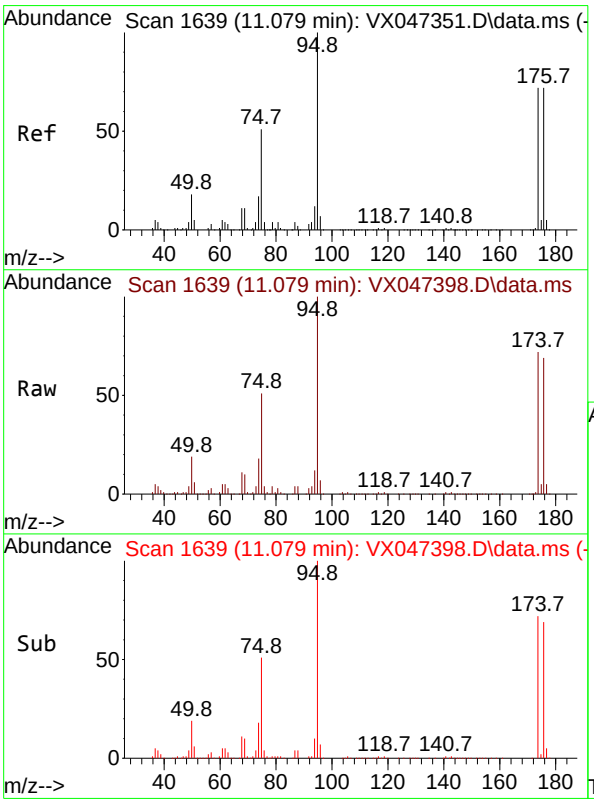
#61
1,2-Dibromoethane
Concen: 48.409 ug/l
RT: 9.610 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 147057

Ion	Ratio	Lower	Upper
107	100		
109	93.6	76.2	114.2

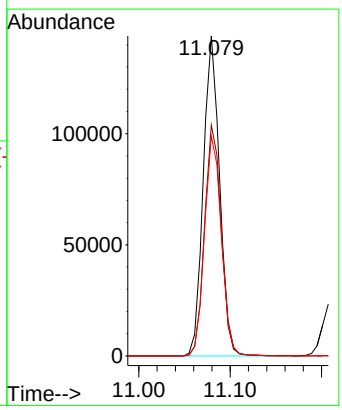


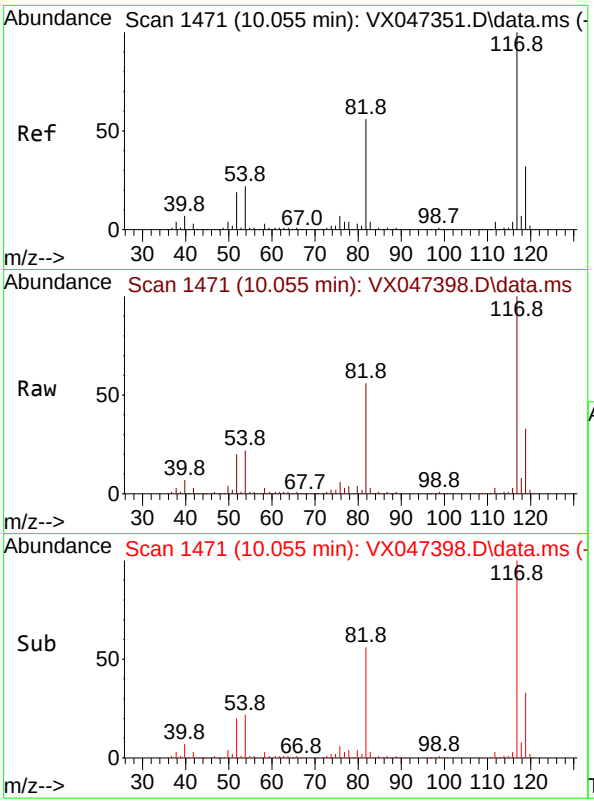


#62
4-Bromofluorobenzene
Concen: 50.769 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 95 Resp: 177952

Ion	Ratio	Lower	Upper
95	100		
174	74.2	0.0	148.0
176	71.0	0.0	145.4



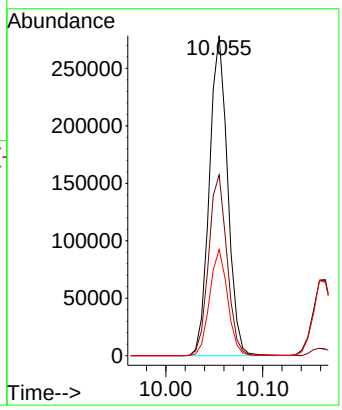


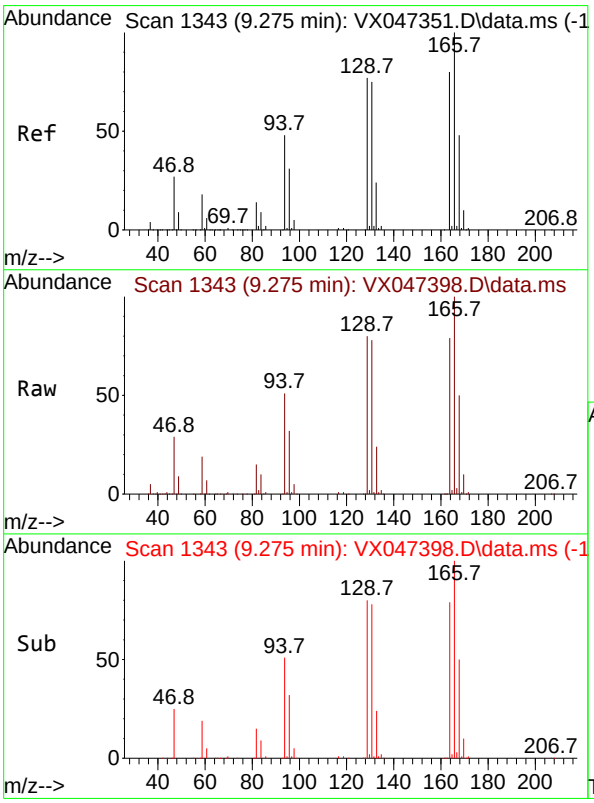
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 364979

Ion	Ratio	Lower	Upper
117	100		
82	56.5	45.0	67.4
119	33.2	25.8	38.8

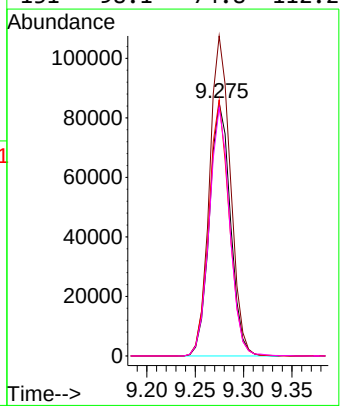


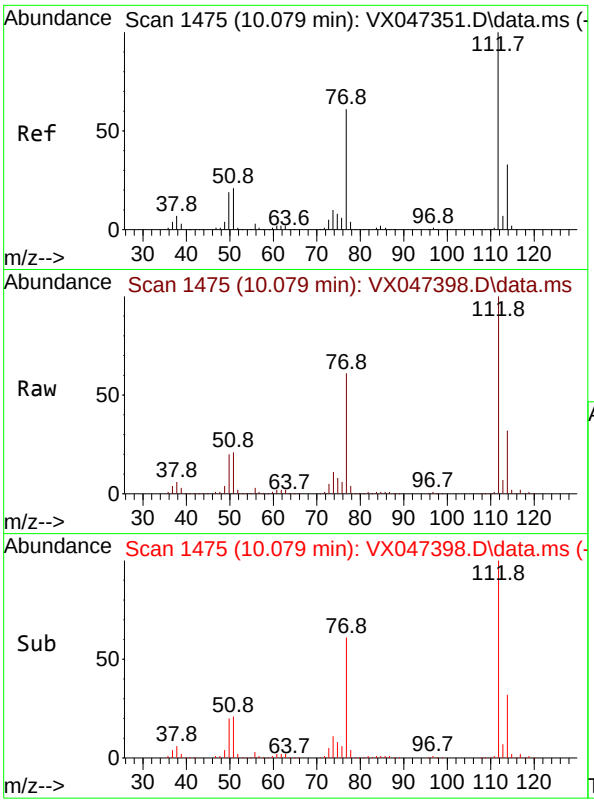


#64
Tetrachloroethene
Concen: 48.383 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion:164 Resp: 127728

Ion	Ratio	Lower	Upper
164	100		
166	126.5	100.3	150.5
129	101.2	77.7	116.5
131	98.1	74.8	112.2



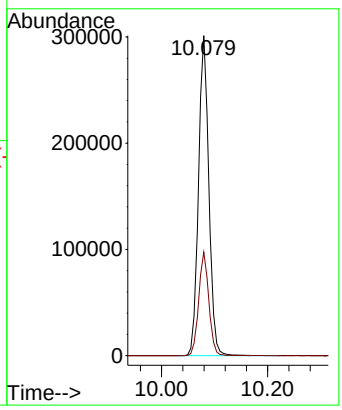


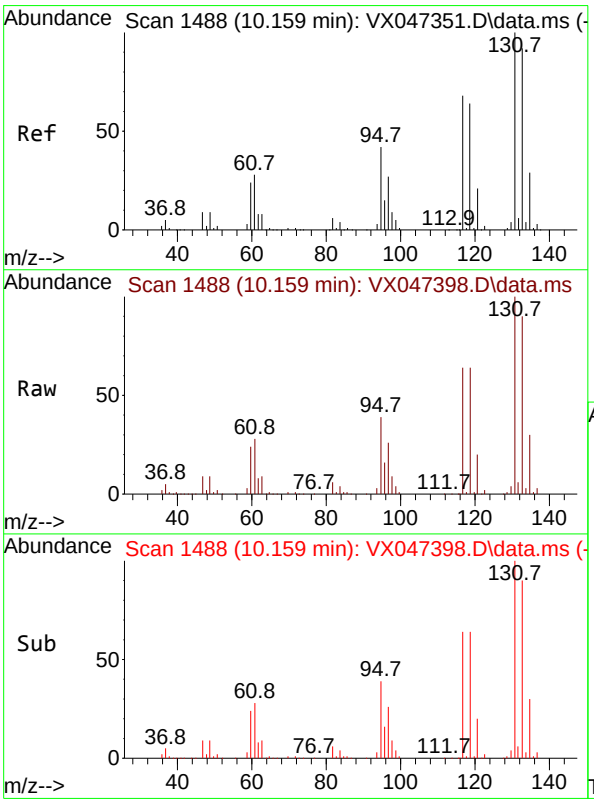
#65
Chlorobenzene
Concen: 47.020 ug/l
RT: 10.079 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 407823

Ion	Ratio	Lower	Upper
112	100		
114	32.3	26.4	39.6

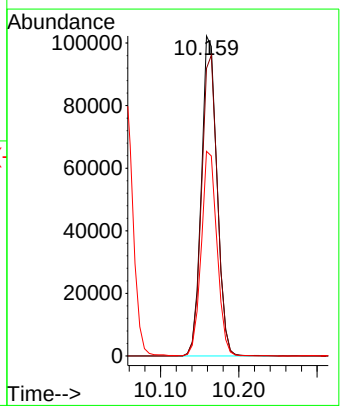


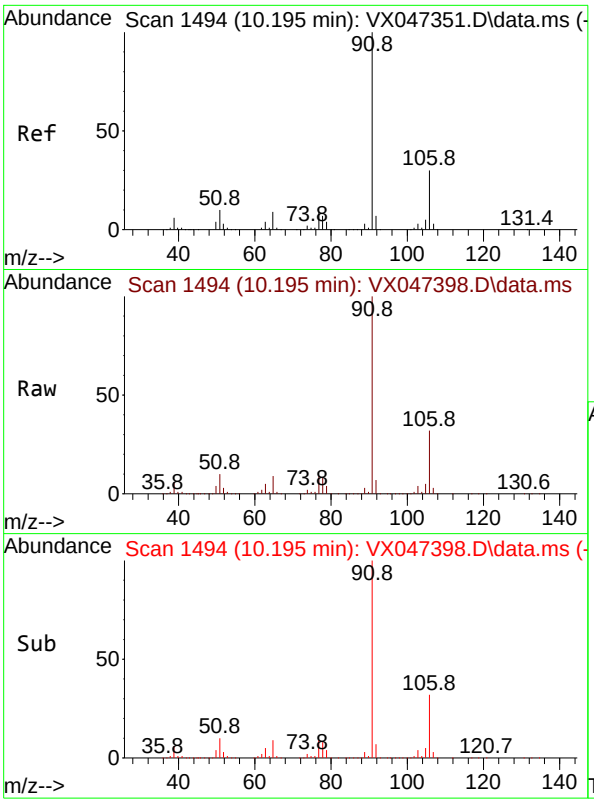


#66
1,1,1,2-Tetrachloroethane
Concen: 48.203 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion:131 Resp: 141328

Ion	Ratio	Lower	Upper
131	100		
133	95.4	47.6	142.9
119	64.4	32.3	96.8



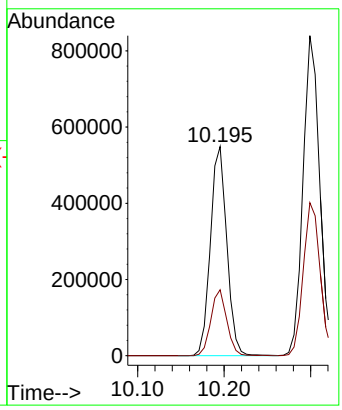


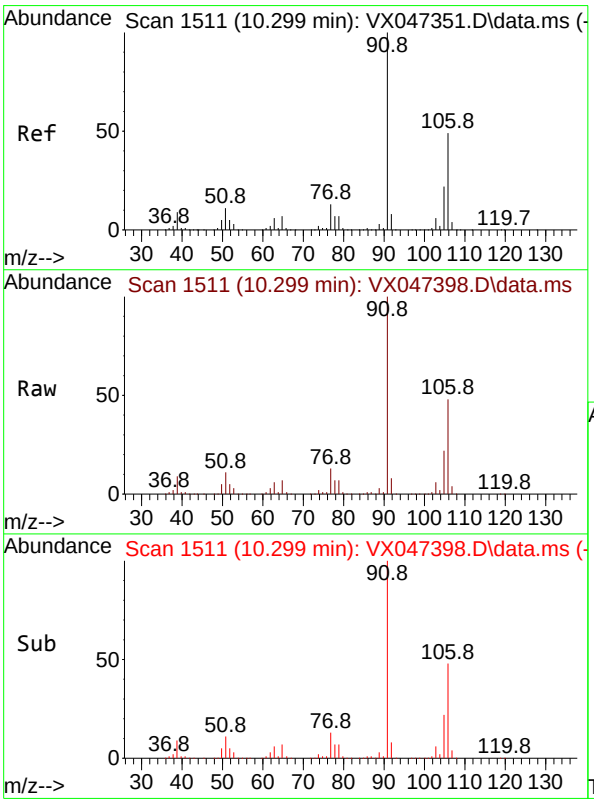
#67
Ethyl Benzene
Concen: 48.350 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 721774

Ion	Ratio	Lower	Upper
91	100		
106	31.5	24.4	36.6

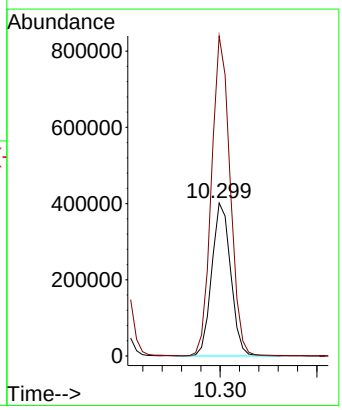


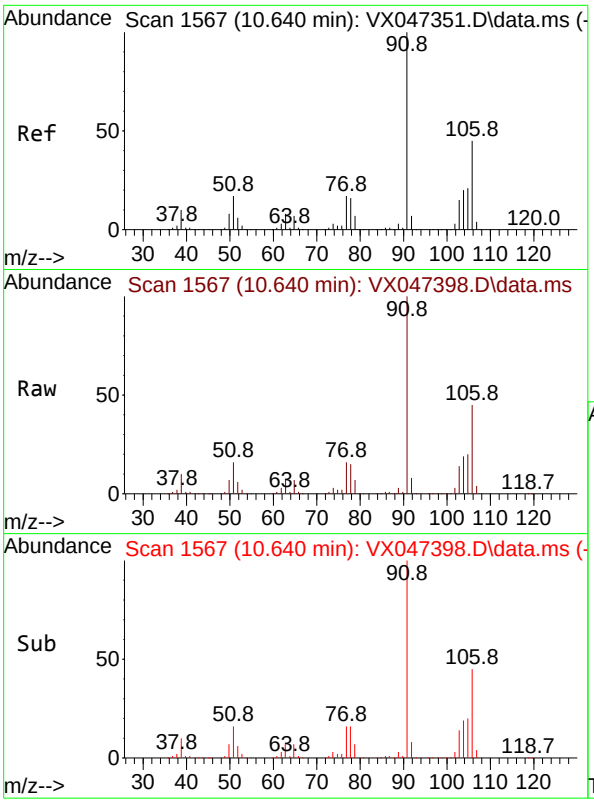


#68
m/p-Xylenes
Concen: 97.575 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion:106 Resp: 543135

Ion	Ratio	Lower	Upper
106	100		
91	206.5	164.7	247.1



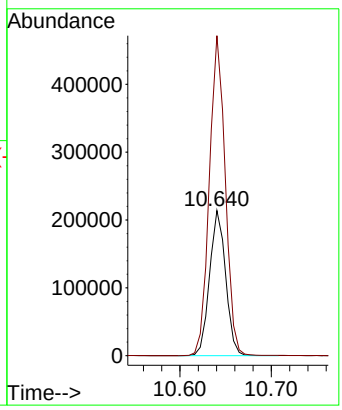


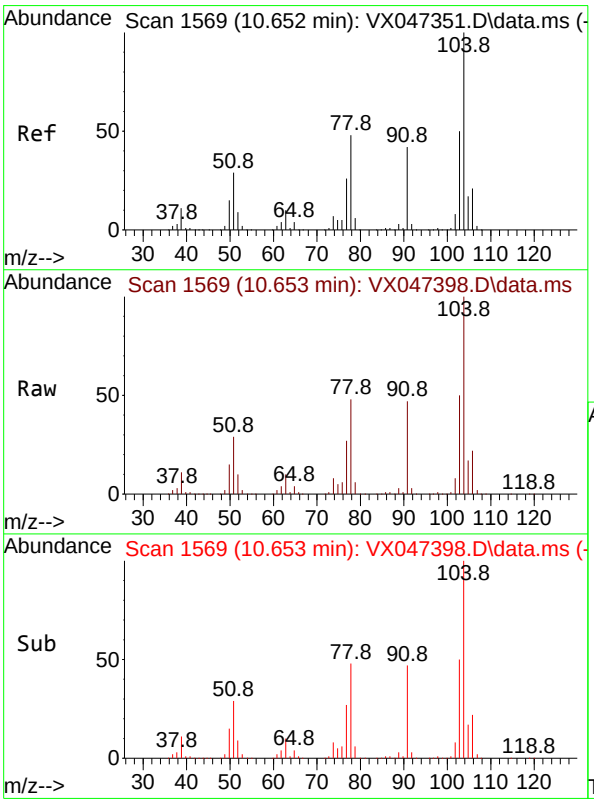
#69
o-Xylene
Concen: 48.711 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 260931

Ion	Ratio	Lower	Upper
106	100		
91	218.8	110.6	331.8

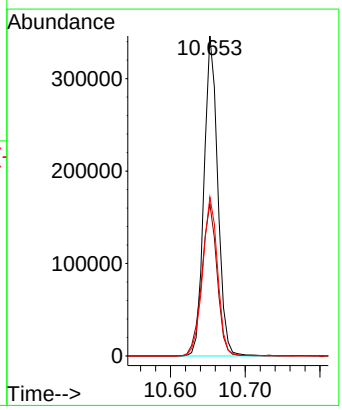


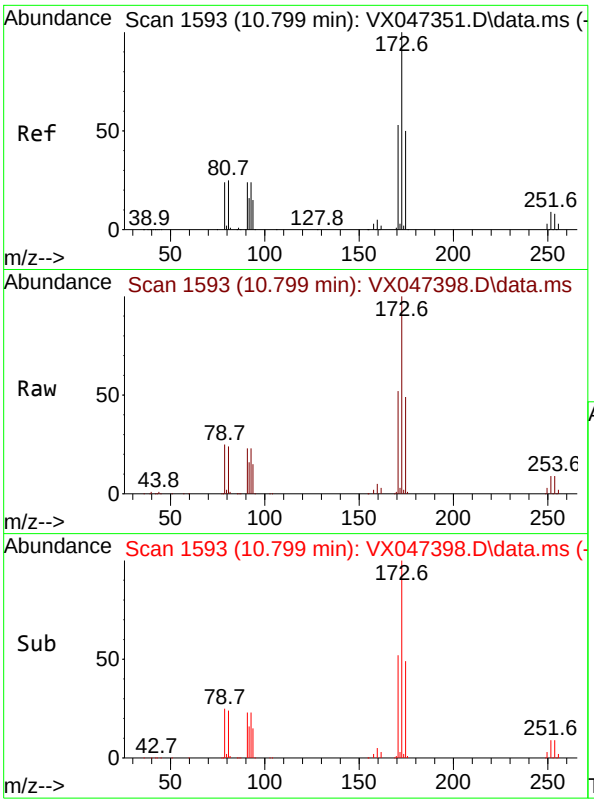


#70
Styrene
Concen: 48.950 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion:104 Resp: 443043

Ion	Ratio	Lower	Upper
104	100		
78	52.8	41.8	62.8
103	54.2	43.6	65.4



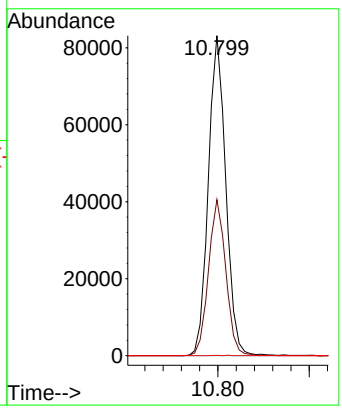


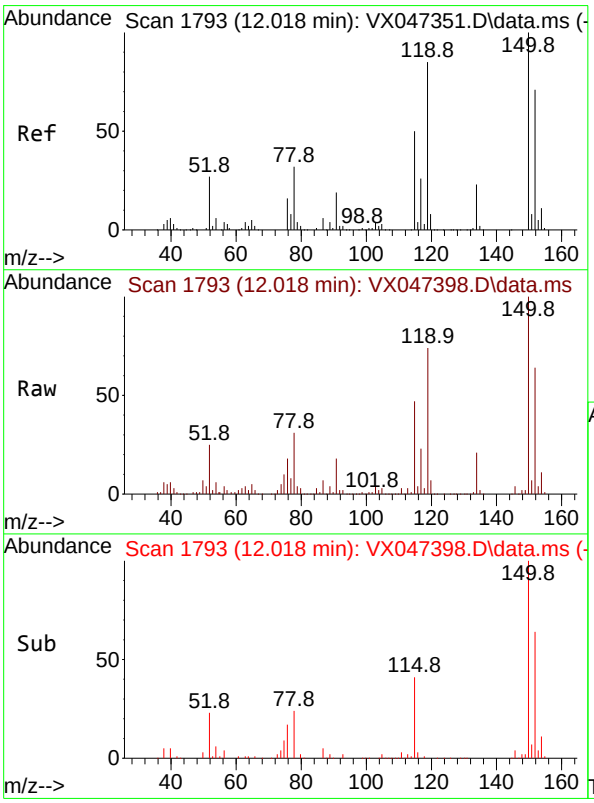
#71
Bromoform
Concen: 49.800 ug/l
RT: 10.799 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 109693

Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.4	73.4
254	0.1	0.1	0.1#

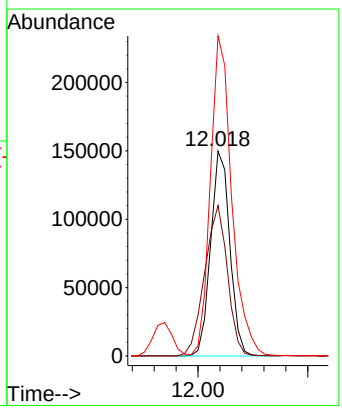


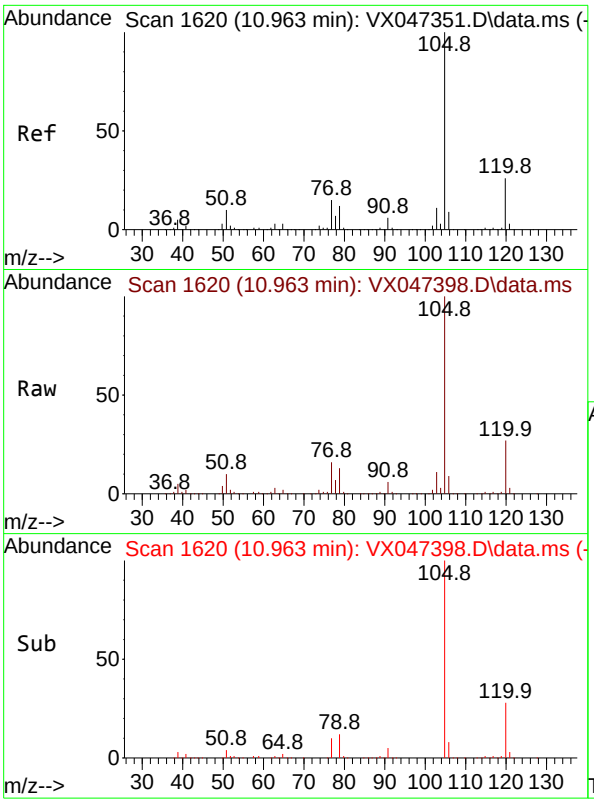


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion:152 Resp: 181876

Ion	Ratio	Lower	Upper
152	100		
115	87.3	44.6	133.8
150	173.8	0.0	349.8



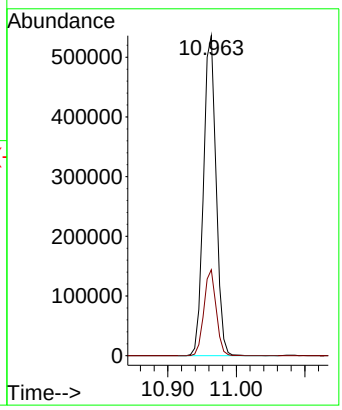


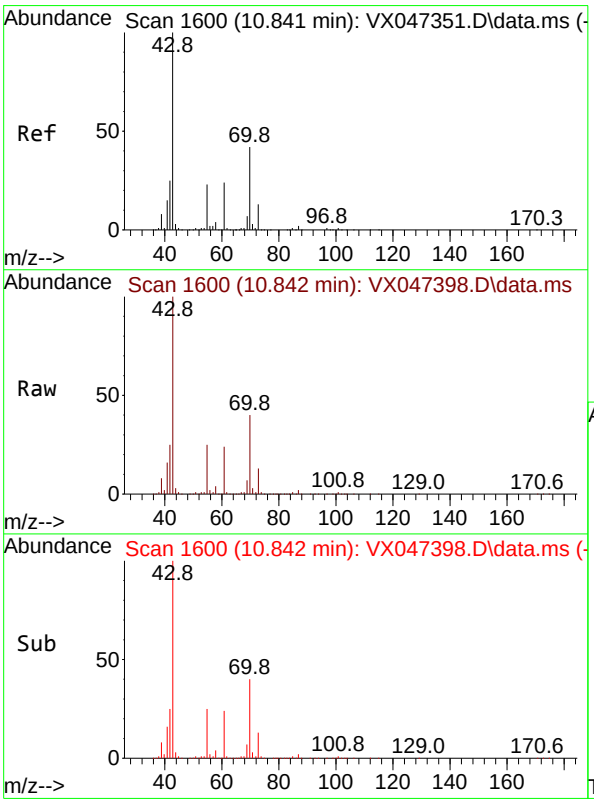
#73
Isopropylbenzene
Concen: 48.136 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 685100

Ion	Ratio	Lower	Upper
105	100		
120	26.1	12.9	38.6

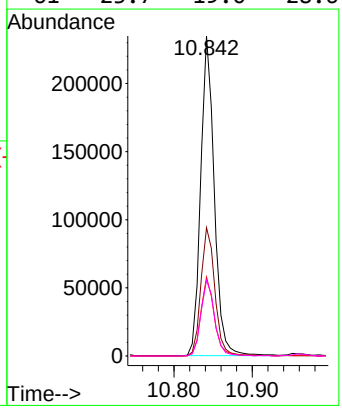


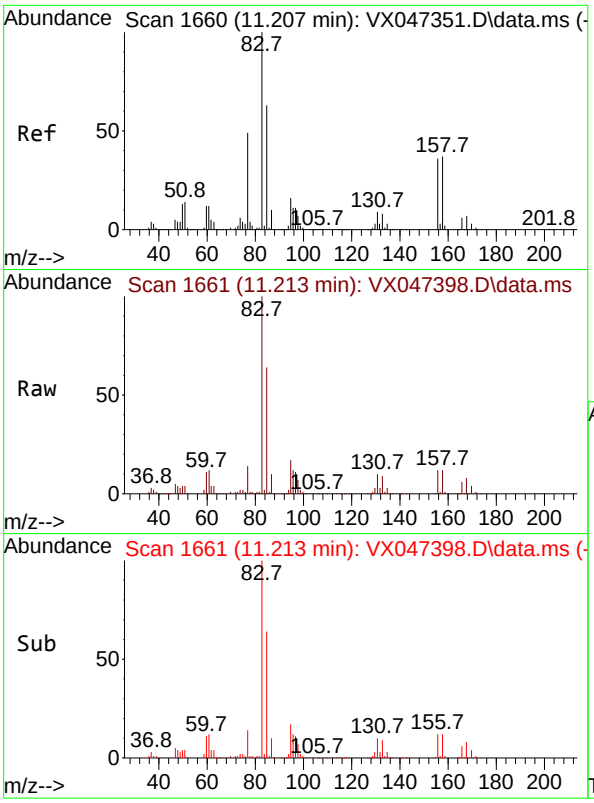


#74
N-amyl acetate
Concen: 52.388 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 43 Resp: 283144

Ion	Ratio	Lower	Upper
43	100		
70	41.3	33.1	49.7
55	24.6	19.0	28.6
61	23.7	19.0	28.6



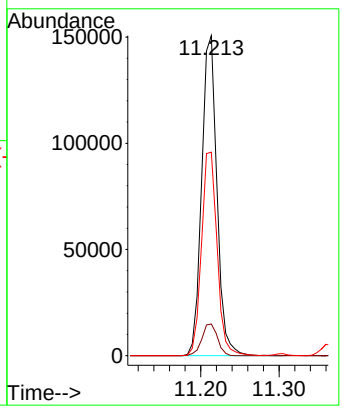


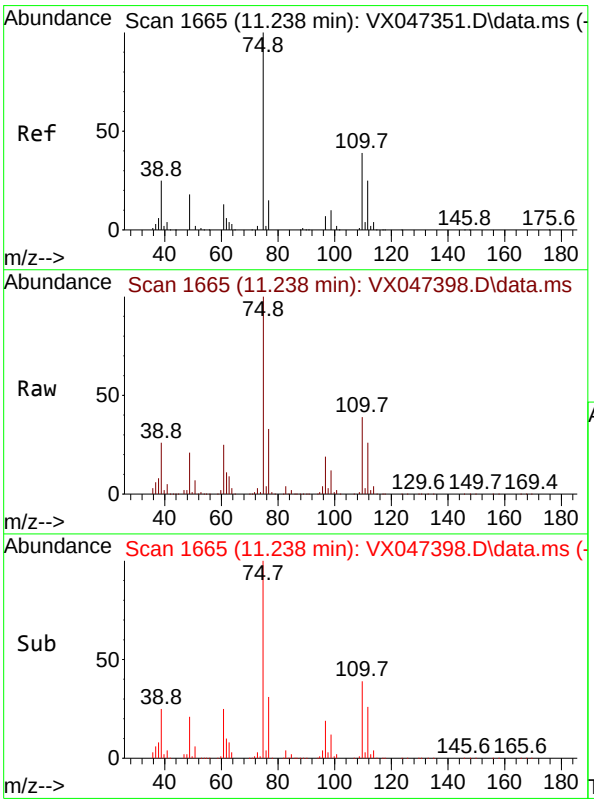
#75
1,1,2,2-Tetrachloroethane
Concen: 48.688 ug/l
RT: 11.213 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 203458

Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.0	15.0
85	65.1	31.7	95.1

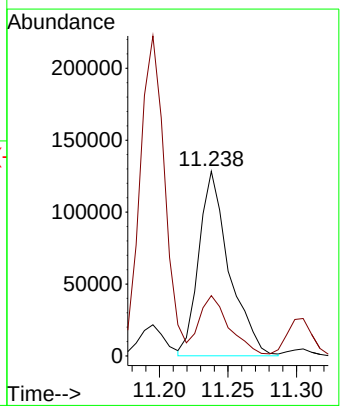


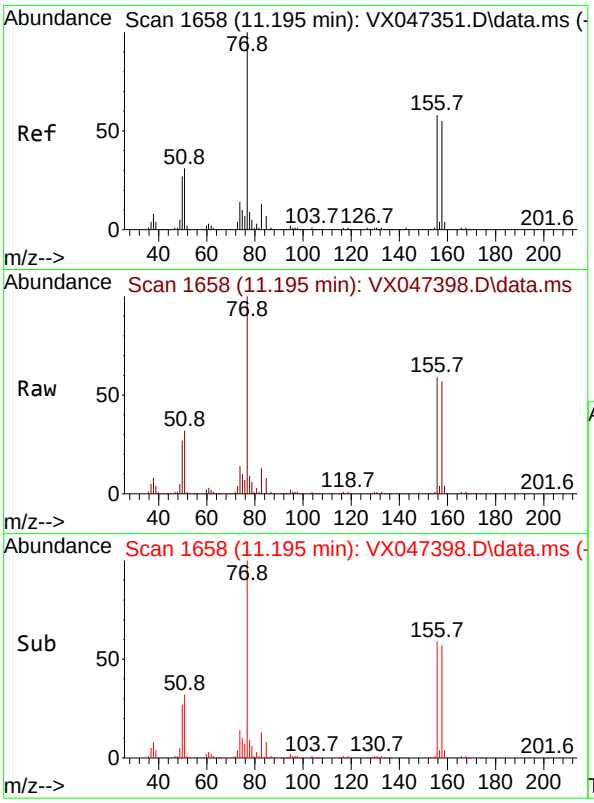


#76
1,2,3-Trichloropropane
Concen: 59.398 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 75 Resp: 198139

Ion	Ratio	Lower	Upper
75	100		
77	32.6	19.4	58.2



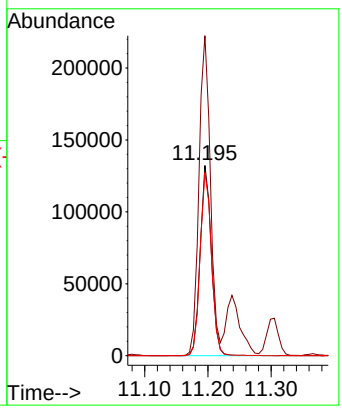


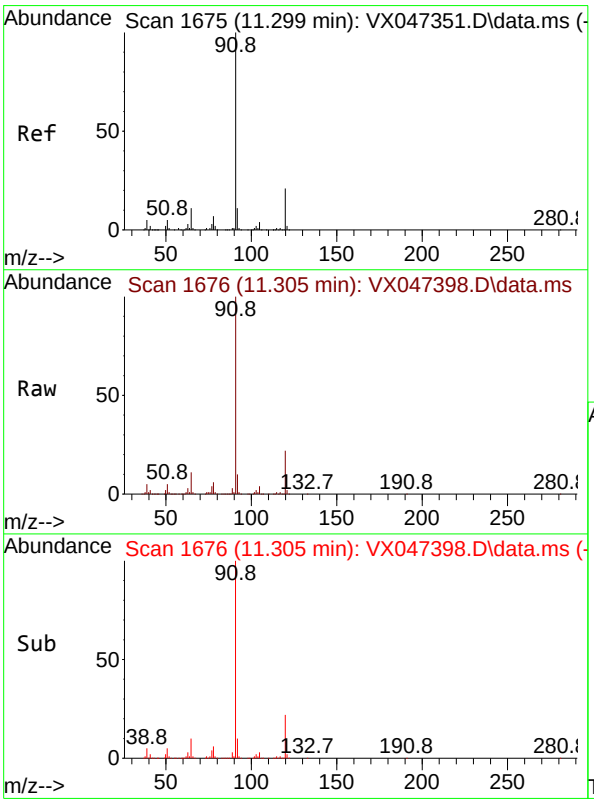
#77
Bromobenzene
Concen: 46.788 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 162609

Ion	Ratio	Lower	Upper
156	100		
77	172.4	86.3	258.9
158	97.9	48.0	144.2

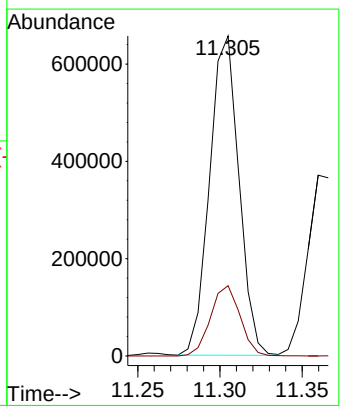


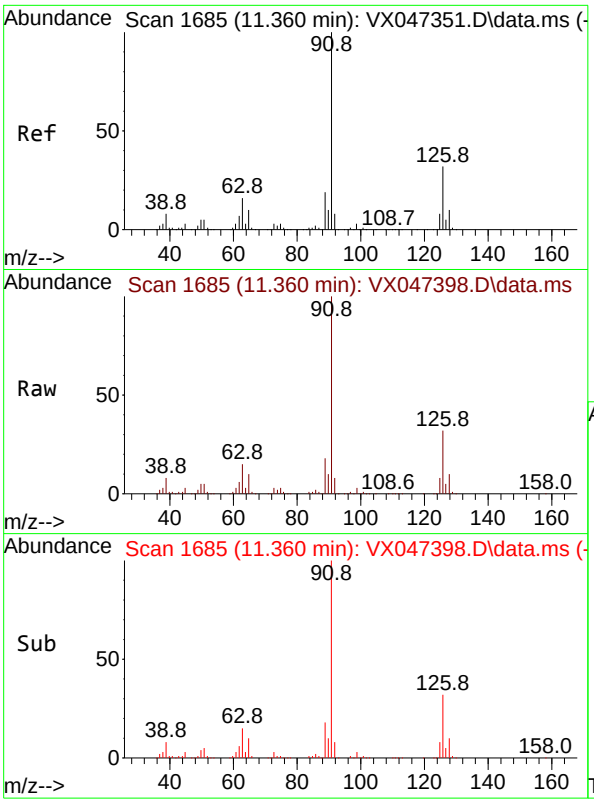


#78
n-propylbenzene
Concen: 47.963 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 91 Resp: 815287

Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.0	33.0



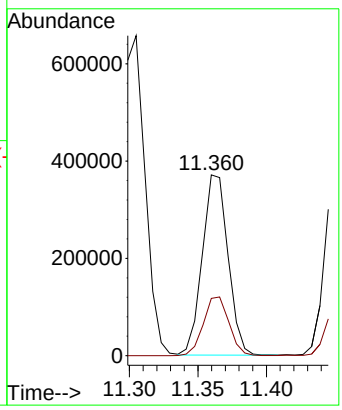


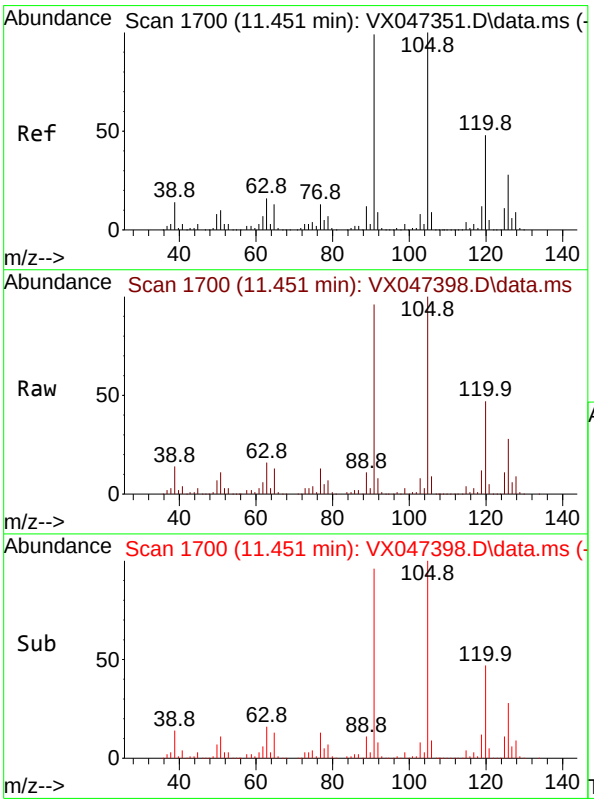
#79
2-Chlorotoluene
Concen: 47.097 ug/l
RT: 11.360 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 483943

Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.7	50.1

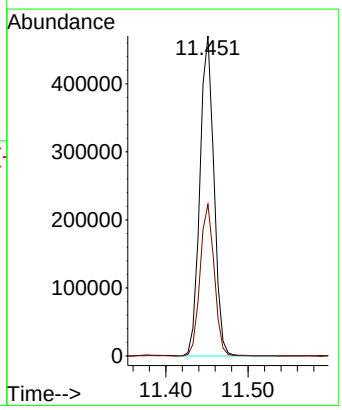


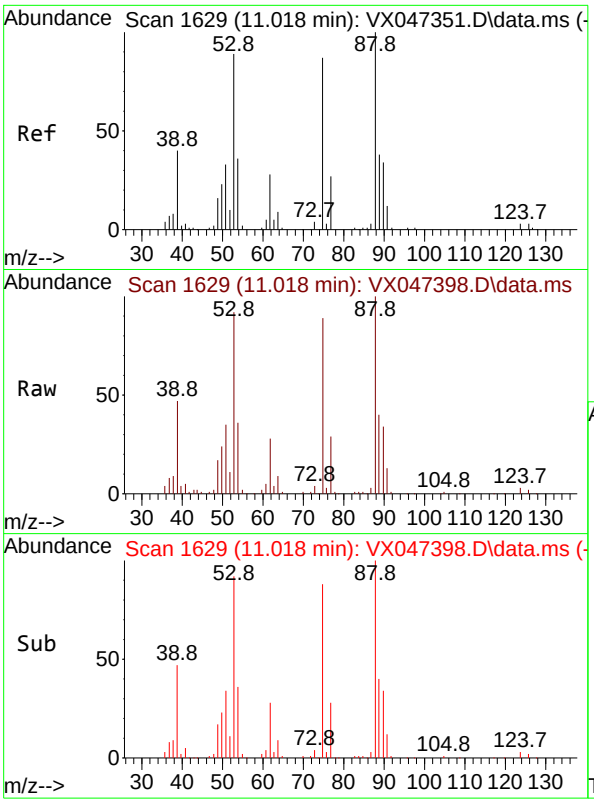


#80
1,3,5-Trimethylbenzene
Concen: 47.736 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion:105 Resp: 559007

Ion	Ratio	Lower	Upper
105	100		
120	47.6	23.9	71.7



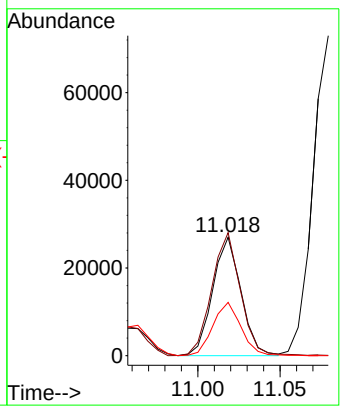


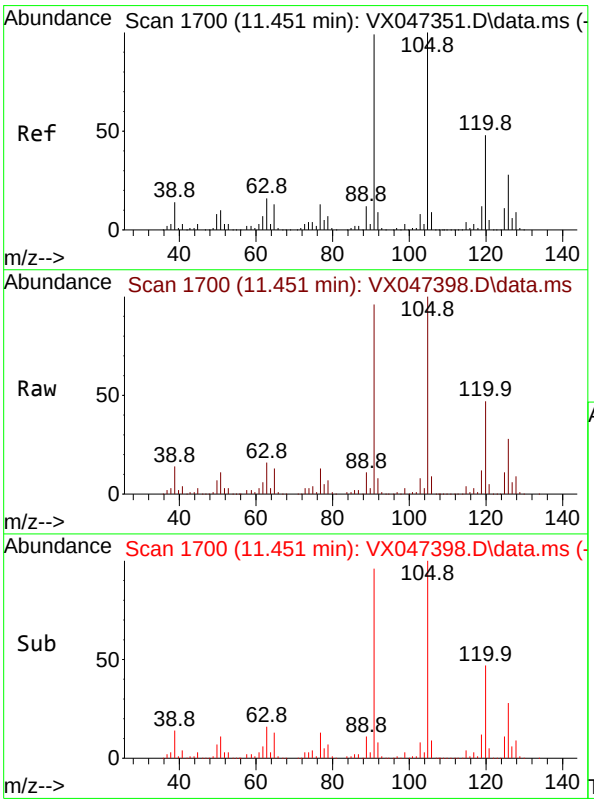
#81
trans-1,4-Dichloro-2-butene
Concen: 43.382 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 32344

Ion	Ratio	Lower	Upper
75	100		
53	105.5	85.2	127.8
89	44.8	36.7	55.1

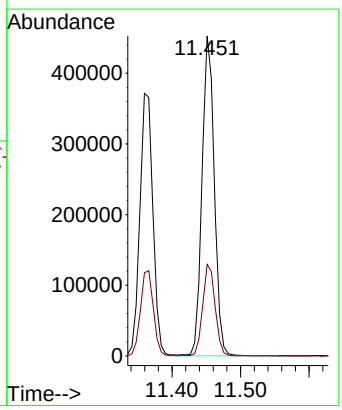


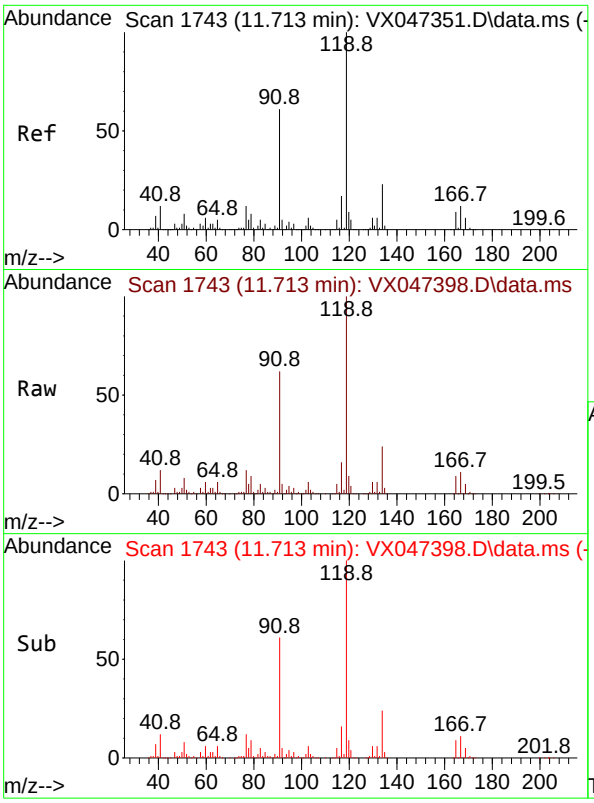


#82
4-Chlorotoluene
Concen: 46.629 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 91 Resp: 564800

Ion	Ratio	Lower	Upper
91	100		
126	29.1	14.4	43.0



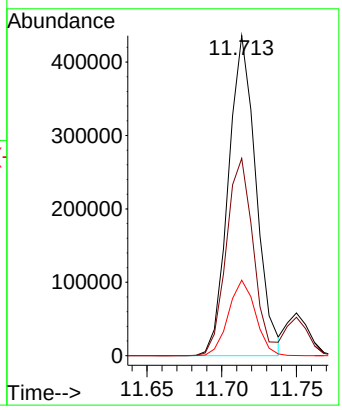


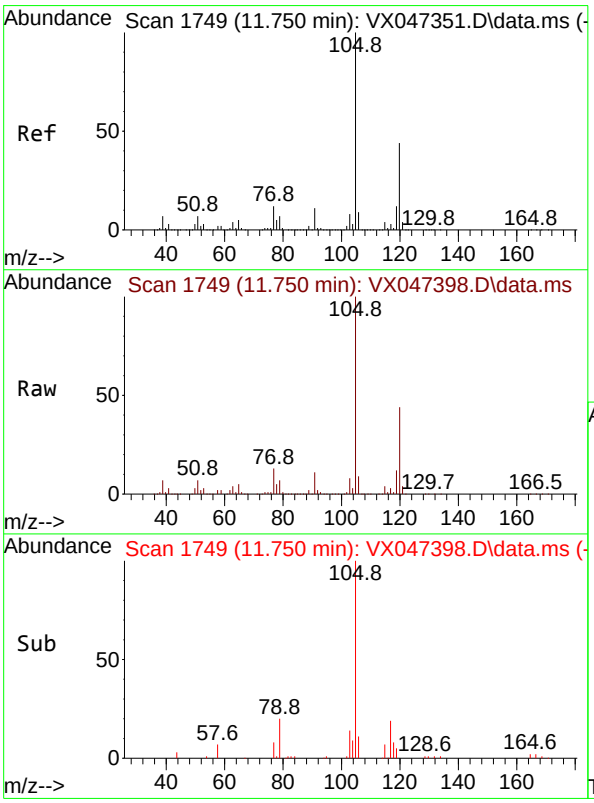
#83
tert-Butylbenzene
Concen: 47.888 ug/l
RT: 11.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 559489

Ion	Ratio	Lower	Upper
119	100		
91	61.0	29.1	87.4
134	23.1	11.3	33.9

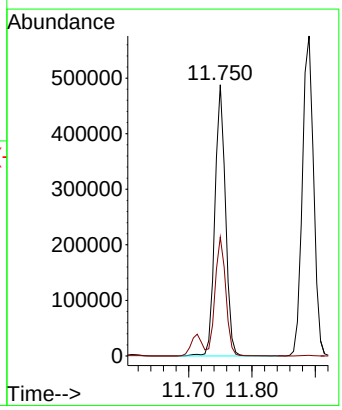


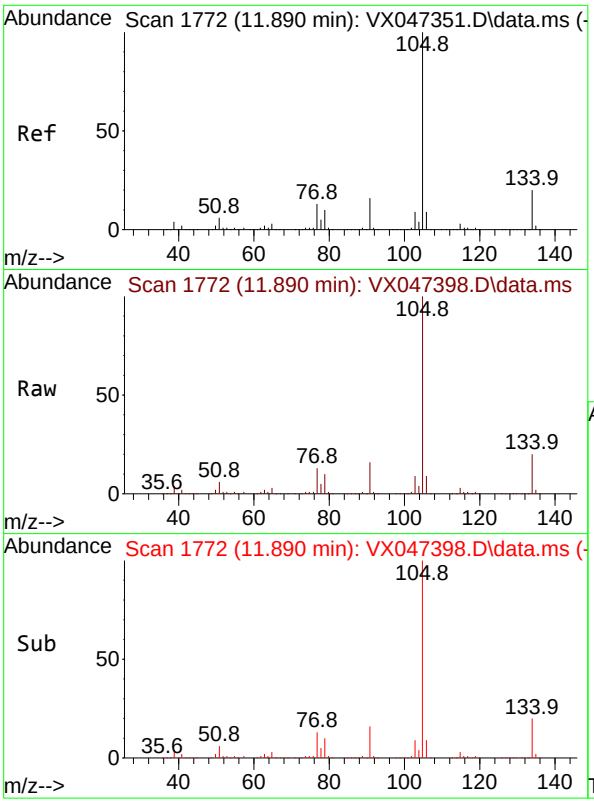


#84
1,2,4-Trimethylbenzene
Concen: 48.276 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion:105 Resp: 565346

Ion	Ratio	Lower	Upper
105	100		
120	44.1	21.9	65.7



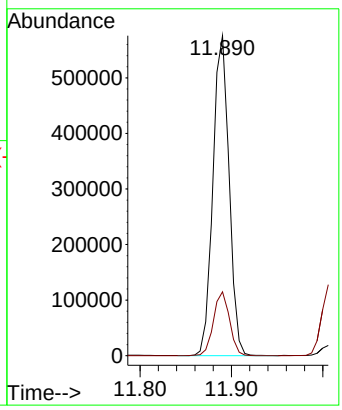


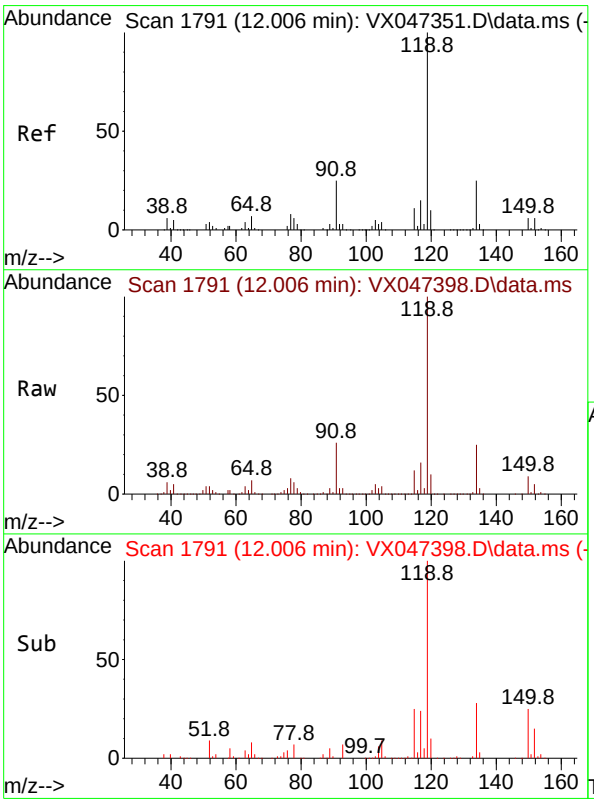
#85
sec-Butylbenzene
Concen: 48.776 ug/l
RT: 11.890 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 706315

Ion	Ratio	Lower	Upper
105	100		
134	19.9	9.8	29.5

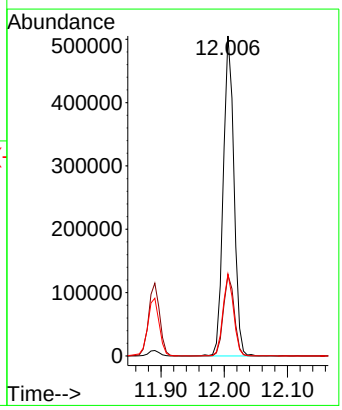


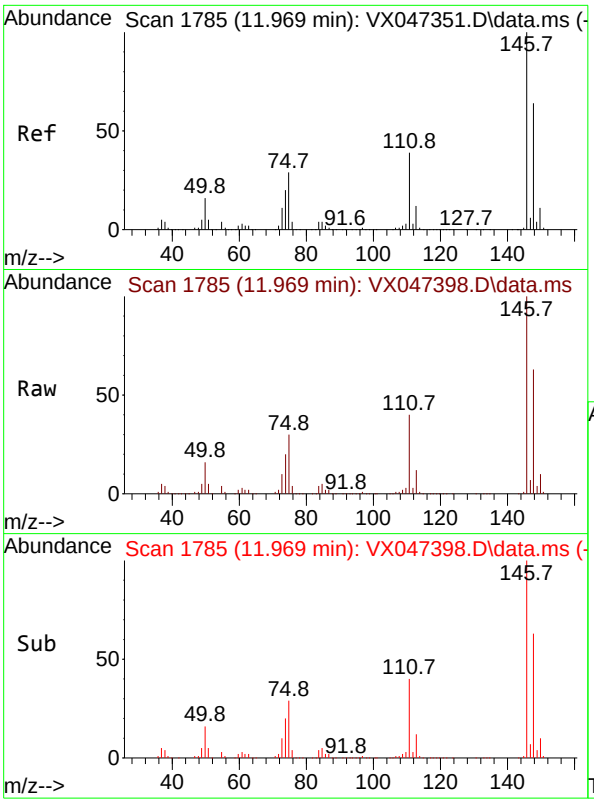


#86
p-Isopropyltoluene
Concen: 48.046 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion:119 Resp: 588746

Ion	Ratio	Lower	Upper
119	100		
134	25.7	12.8	38.4
91	25.4	12.4	37.4



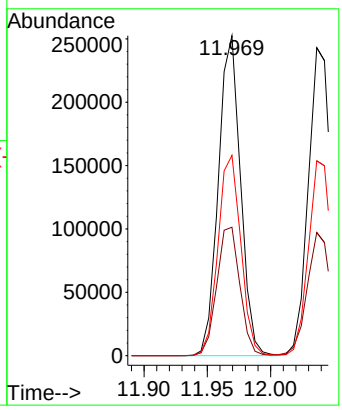


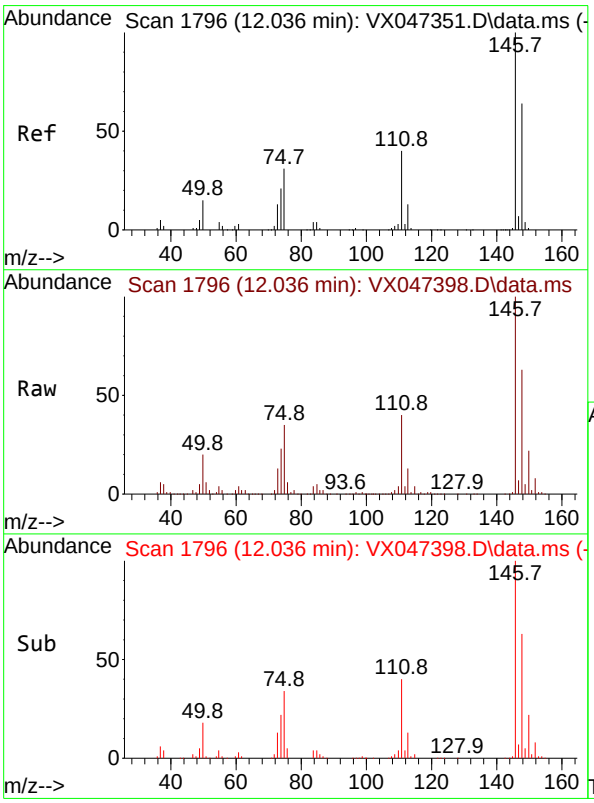
#87
1,3-Dichlorobenzene
Concen: 46.289 ug/l
RT: 11.969 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 307335

Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.6	61.8
148	64.4	31.9	95.5

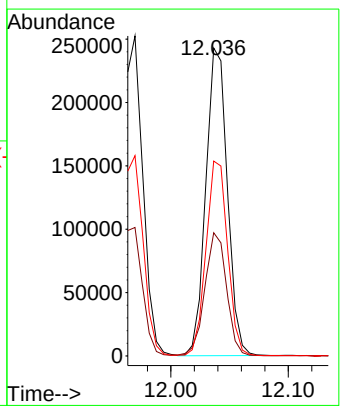


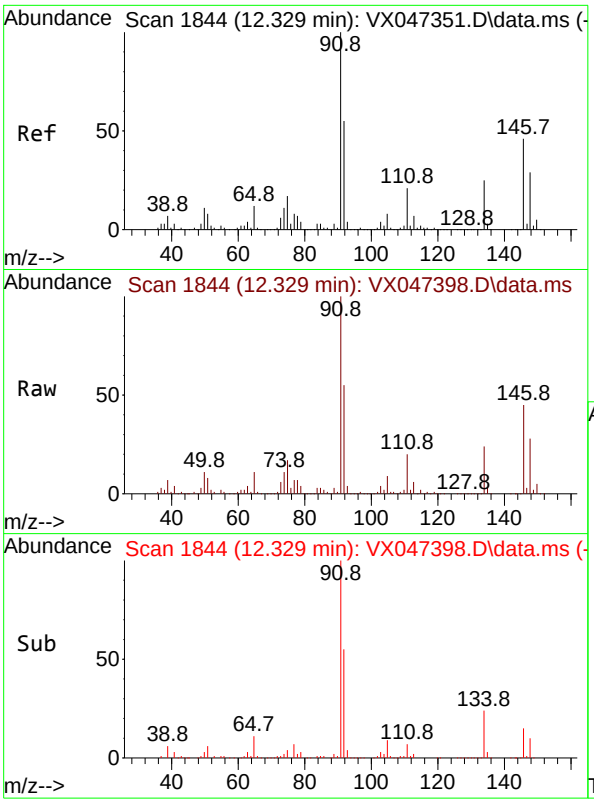


#88
1,4-Dichlorobenzene
Concen: 45.233 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion:146 Resp: 308887

Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.4	61.2
148	64.0	31.7	95.1



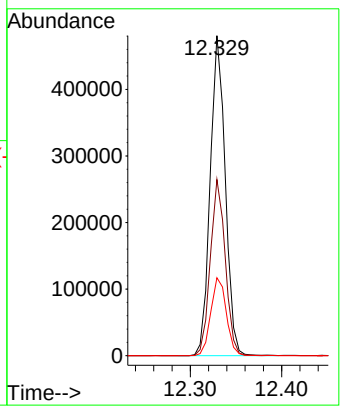


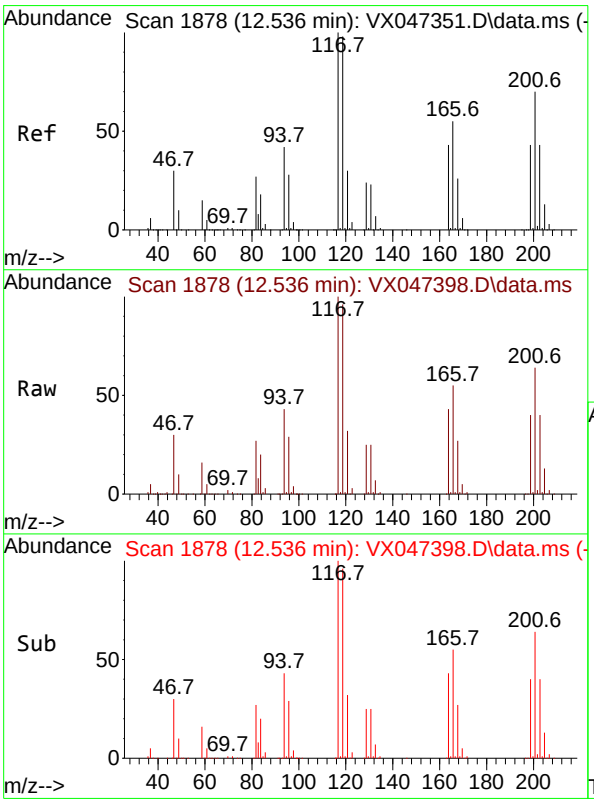
#89
n-Butylbenzene
Concen: 48.167 ug/l
RT: 12.329 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 548981

Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.2	81.5
134	25.2	12.6	37.8

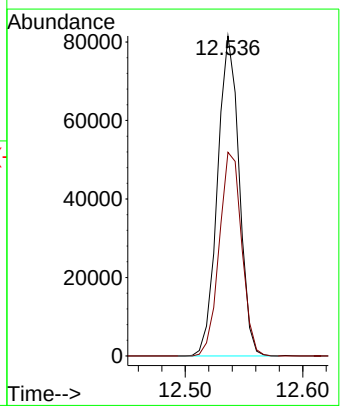


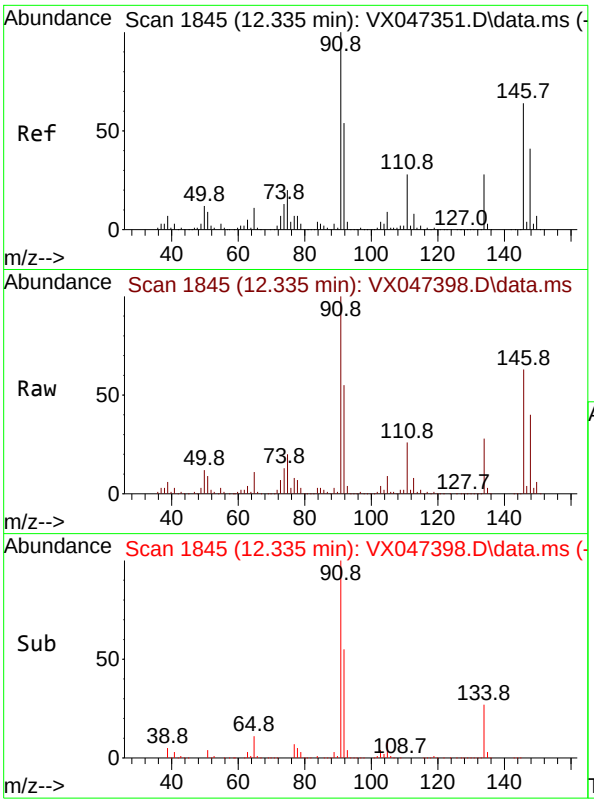


#90
Hexachloroethane
Concen: 48.527 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion:117 Resp: 104319

Ion	Ratio	Lower	Upper
117	100		
201	66.1	35.1	105.3



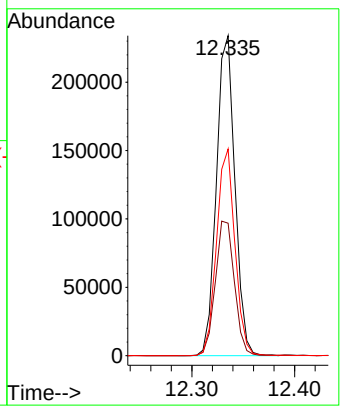


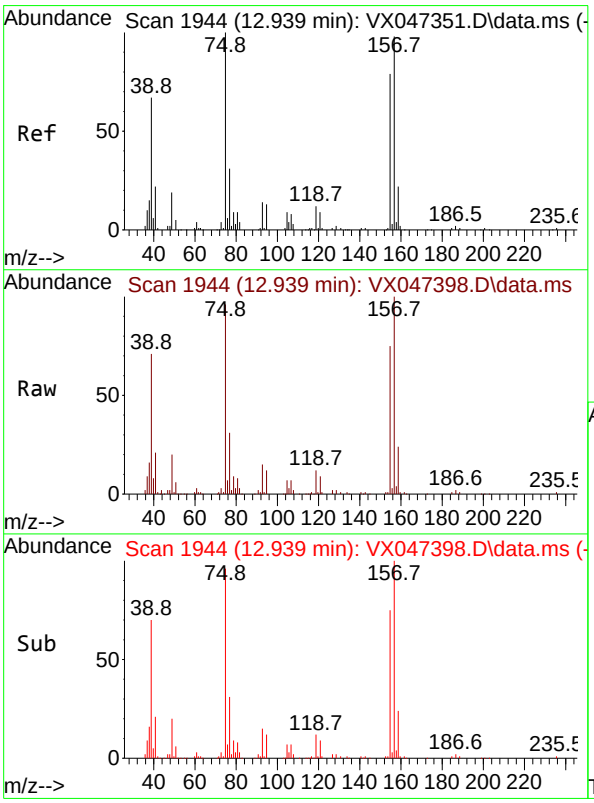
#91
1,2-Dichlorobenzene
Concen: 46.240 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 291404

Ion	Ratio	Lower	Upper
146	100		
111	43.6	22.1	66.1
148	64.5	31.9	95.5

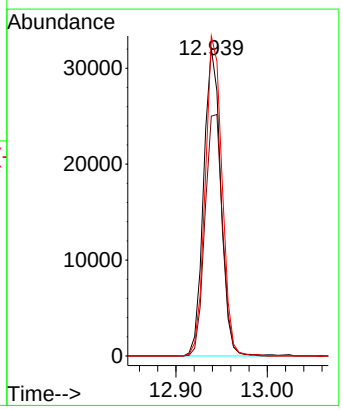


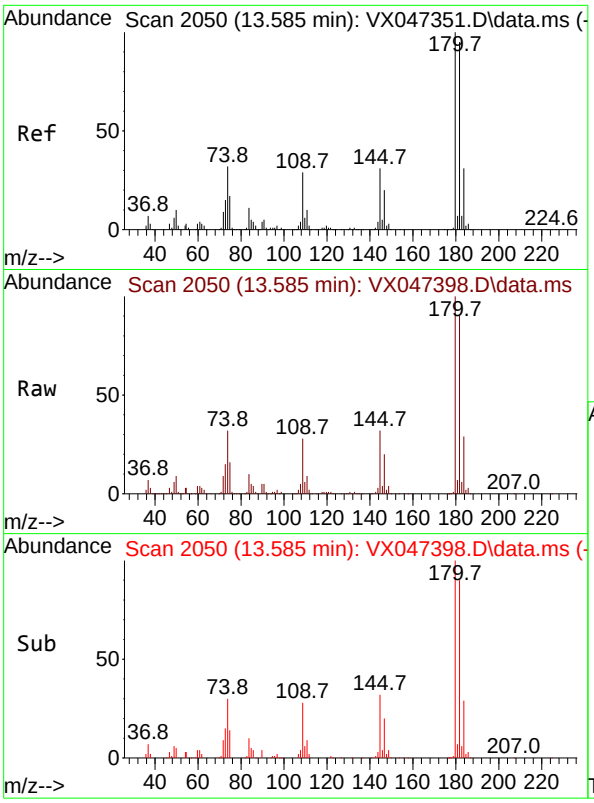


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.455 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 75 Resp: 41583

Ion	Ratio	Lower	Upper
75	100		
155	80.9	41.3	123.7
157	102.3	51.5	154.5



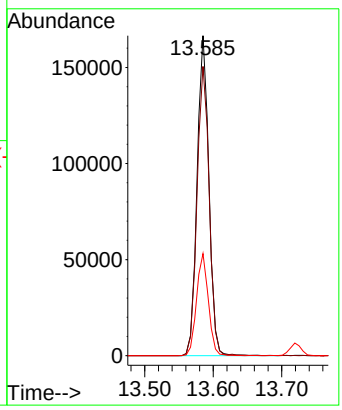


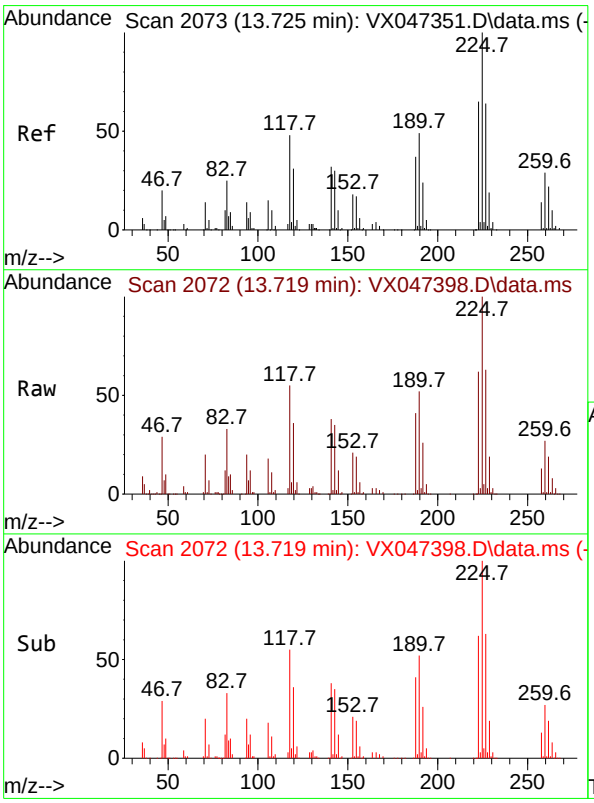
#93
1,2,4-Trichlorobenzene
Concen: 47.190 ug/l
RT: 13.585 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:180 Resp: 199368

Ion	Ratio	Lower	Upper
180	100		
182	93.2	48.1	144.4
145	31.9	16.2	48.5

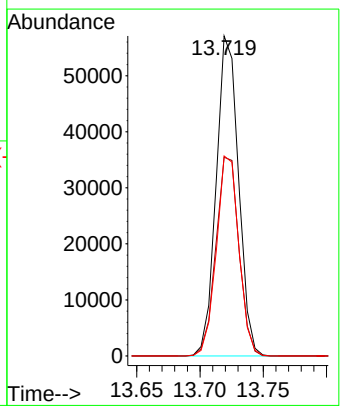


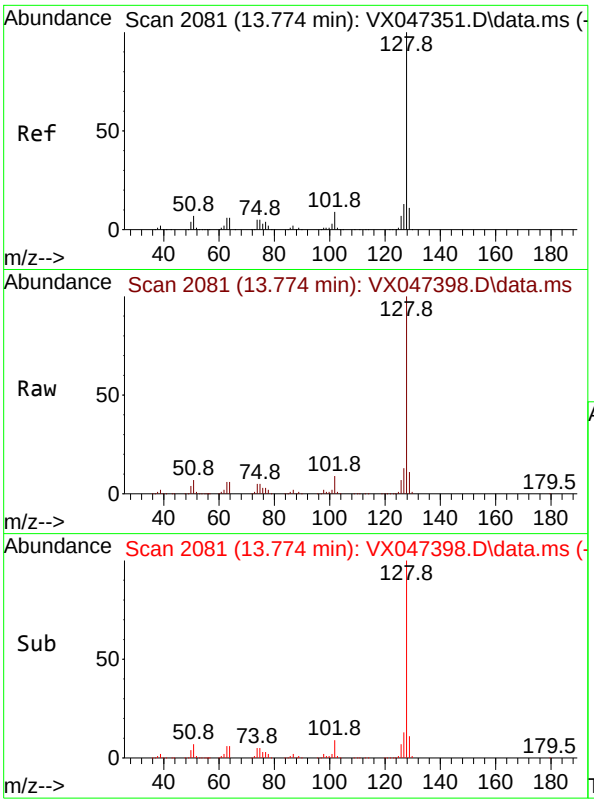


#94
Hexachlorobutadiene
Concen: 46.449 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion:225 Resp: 69851

Ion	Ratio	Lower	Upper
225	100		
223	64.3	32.2	96.6
227	63.0	31.6	95.0



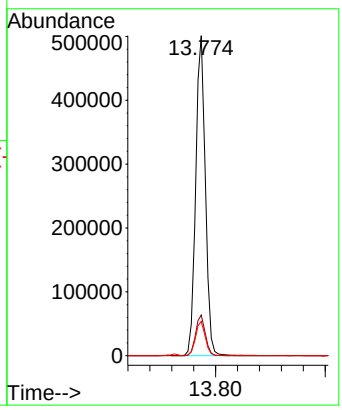


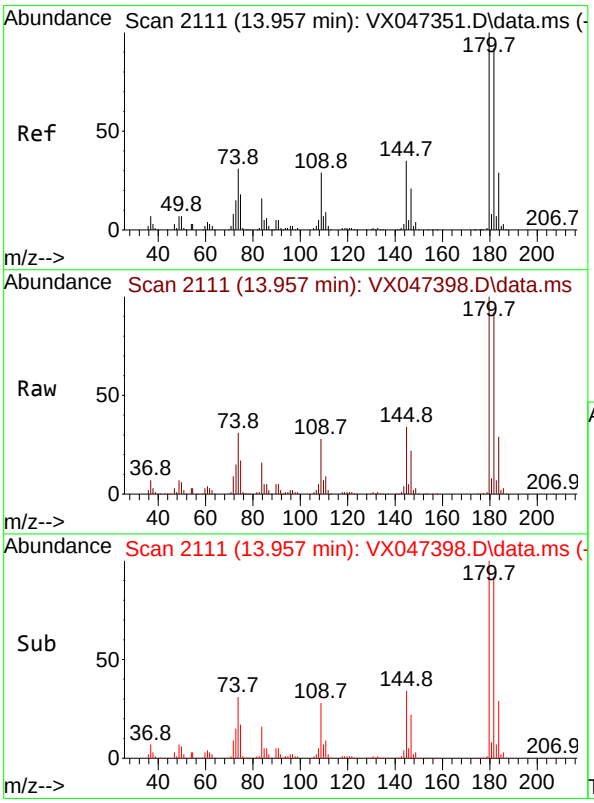
#95
Naphthalene
Concen: 50.928 ug/l
RT: 13.774 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 614882

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.1	15.1
129	10.8	8.7	13.1





#96
1,2,3-Trichlorobenzene
Concen: 47.311 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion:180 Resp: 188409

Ion	Ratio	Lower	Upper
180	100		
182	94.7	48.0	144.2
145	34.6	17.4	52.2